

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030923\
 Data File : PP056321.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Mar 2023 17:18
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 20:35:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP030823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 08 02:03:40 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.319	3.561	86467511	71978813	55.687	51.010
2)	SA Decachlor...	10.059	8.557	104.5E6	60078311	52.587	53.744
Target Compounds							
3)	L1 AR-1016-1	5.489	4.641	31236877	21509716	539.564	510.555
4)	L1 AR-1016-2	5.512	4.659	45511817	30559366	531.259	504.205
5)	L1 AR-1016-3	5.574	4.835	28917738	16439347	530.187	507.906
6)	L1 AR-1016-4	5.672	4.877	23319486	14143626	537.046	503.953
7)	L1 AR-1016-5	5.969	5.090	24470566	18381473	533.723	513.776
8)	L2 AR-1221-1	4.523	3.771	2956423	2464751	147.588	141.723
9)	L2 AR-1221-2	4.614	3.858	4611708	3519939	303.516	272.397
10)	L2 AR-1221-3	4.690	3.933	17517407	13785935	376.585	339.819
11)	L3 AR-1232-1	4.690	3.933	17517407	13785935	451.836	418.907
12)	L3 AR-1232-2	5.220	4.659	23716244	30559366	1172.271	1102.190
13)	L3 AR-1232-3	5.512	4.835	45511817	16439347	1168.385	1160.740
14)	L3 AR-1232-4	5.672	4.919	23319486	17382316	1192.482	1223.855
15)	L3 AR-1232-5	5.764	5.090	19661095	18381473	1241.232	1198.517
16)	L4 AR-1242-1	5.489	4.641	31236877	21509716	640.965	608.254
17)	L4 AR-1242-2	5.512	4.659	45511817	30559366	637.879	601.462
18)	L4 AR-1242-3	5.574	4.835	28917738	16439347	635.216	609.210
19)	L4 AR-1242-4	5.672	4.919	23319486	17382316	652.432	593.265
20)	L4 AR-1242-5	6.412	5.442	7039618	17303186	164.669	536.305 #
21)	L5 AR-1248-1	5.489	4.641	31236877	21509716	877.209	828.458
22)	L5 AR-1248-2	5.764	4.877	19661095	14143626	352.152	363.599
23)	L5 AR-1248-3	5.969	4.919	24470566	17382316	402.145	426.253
24)	L5 AR-1248-4	6.373	5.090	8319443	18381473	120.440	392.518 #
25)	L5 AR-1248-5	6.412	5.482	7039618	3935883	103.607	95.306
26)	L6 AR-1254-1	6.347	5.442	21578480	17303186	285.880	241.109
27)	L6 AR-1254-2	6.566	5.590	19207634	12220020	165.541	200.391
28)	L6 AR-1254-3	6.933	6.009	8802371	22720007	71.783	245.423 #
29)	L6 AR-1254-4	7.221	6.222	6128617	1476750	67.488	27.394 #
30)	L6 AR-1254-5	7.640	6.641	66900137	39417609	647.117	504.358
31)	L7 AR-1260-1	7.099	6.124	49829538	34283978	505.636	502.911
32)	L7 AR-1260-2	7.357	6.313	58069471	38733458	500.622	506.334
33)	L7 AR-1260-3	7.718	6.466	45495755	36922117	531.483	510.609
34)	L7 AR-1260-4	7.944	6.939	52065130	30792091	526.626	513.481
35)	L7 AR-1260-5	8.260	7.182	105.1E6	64879208	525.982	507.741
36)	L8 AR-1262-1	7.718	6.733	45495755	16439832	381.176	500.188 #
37)	L8 AR-1262-2	8.260	6.939	105.1E6	30792091	481.603	431.954
38)	L8 AR-1262-3	8.581	7.465	70271717	16061743	459.945	294.956 #
39)	L8 AR-1262-4	8.657	7.528	19206071	47752180	238.909	493.900 #
40)	L8 AR-1262-5	9.310	8.025	30898719	16364930	372.964	364.191
41)	L9 AR-1268-1	8.581	7.465	70271717	16061743	254.972	95.190 #

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 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

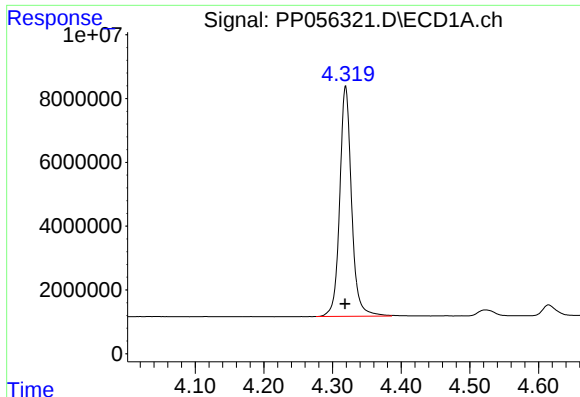
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 20:35:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP030823.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.657	7.528	19206071	47752180	74.482	319.318 #
43) L9	AR-1268-3	8.886	7.736	1296373	950558	5.655	6.998
44) L9	AR-1268-4	9.310	8.025	30898719	16364930	330.938	320.667
45) L9	AR-1268-5	9.724	8.310	9425929	5279670	12.987	13.569

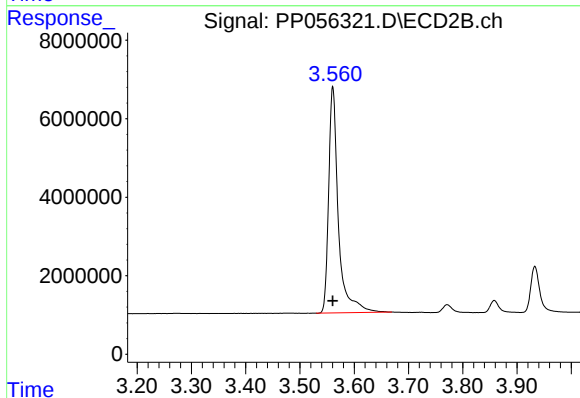
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

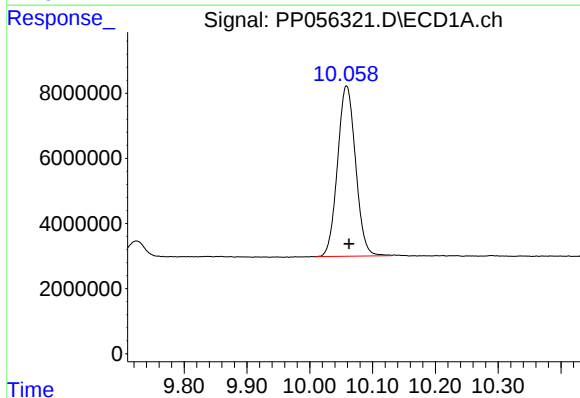
R.T.: 4.319 min
Delta R.T.: 0.001 min
Response: 86467511
Conc: 55.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



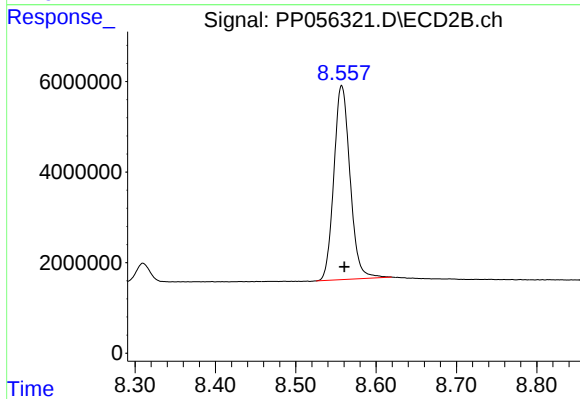
#1 Tetrachloro-m-xylene

R.T.: 3.561 min
Delta R.T.: 0.000 min
Response: 71978813
Conc: 51.01 ng/ml



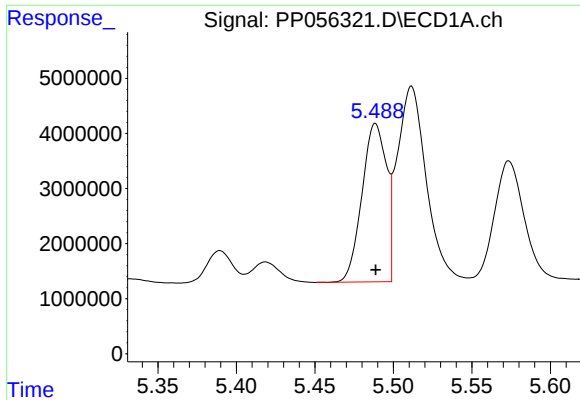
#2 Decachlorobiphenyl

R.T.: 10.059 min
Delta R.T.: -0.004 min
Response: 104456622
Conc: 52.59 ng/ml



#2 Decachlorobiphenyl

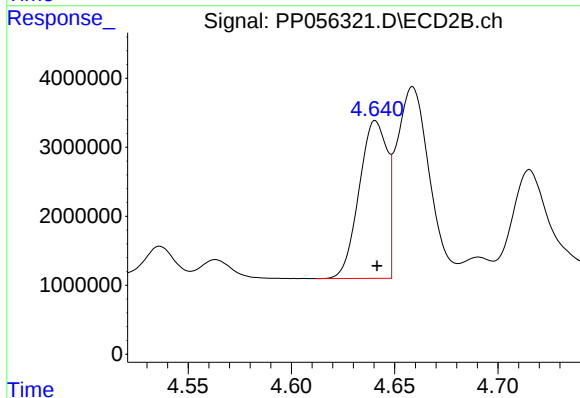
R.T.: 8.557 min
Delta R.T.: -0.003 min
Response: 60078311
Conc: 53.74 ng/ml



#3 AR-1016-1

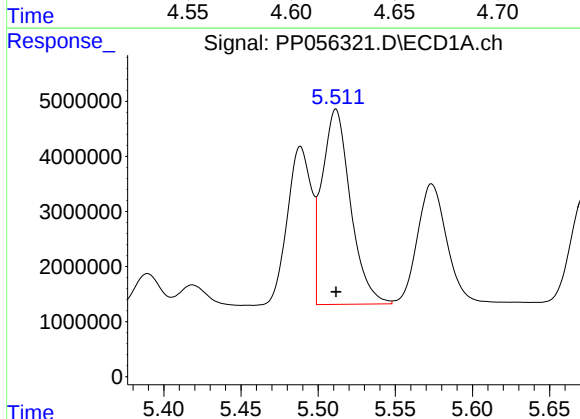
R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 31236877
Conc: 539.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



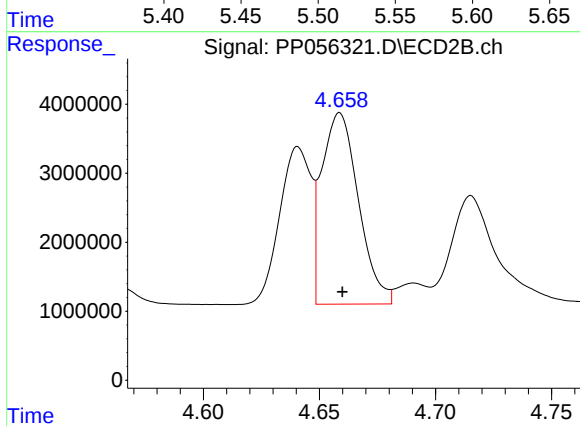
#3 AR-1016-1

R.T.: 4.641 min
Delta R.T.: 0.000 min
Response: 21509716
Conc: 510.55 ng/ml



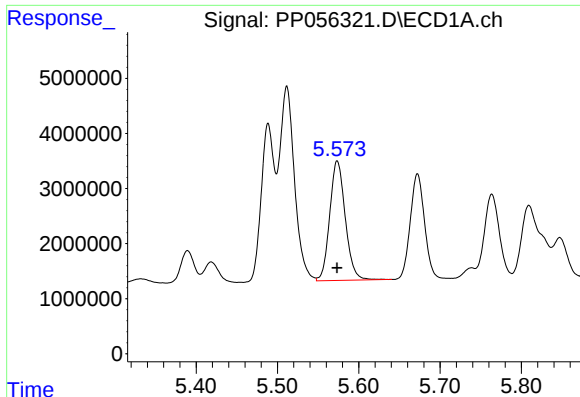
#4 AR-1016-2

R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 45511817
Conc: 531.26 ng/ml



#4 AR-1016-2

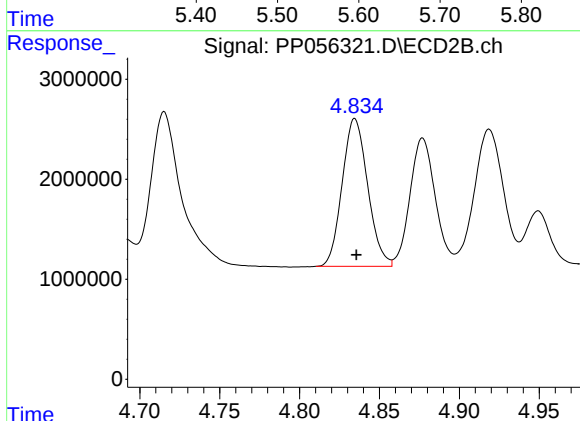
R.T.: 4.659 min
Delta R.T.: -0.001 min
Response: 30559366
Conc: 504.20 ng/ml



#5 AR-1016-3

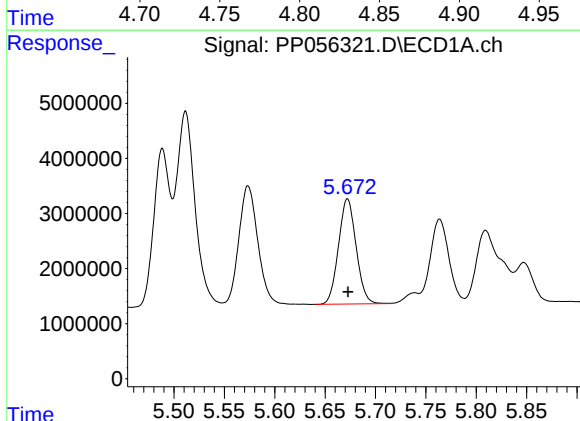
R.T.: 5.574 min
Delta R.T.: 0.000 min
Response: 28917738
Conc: 530.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



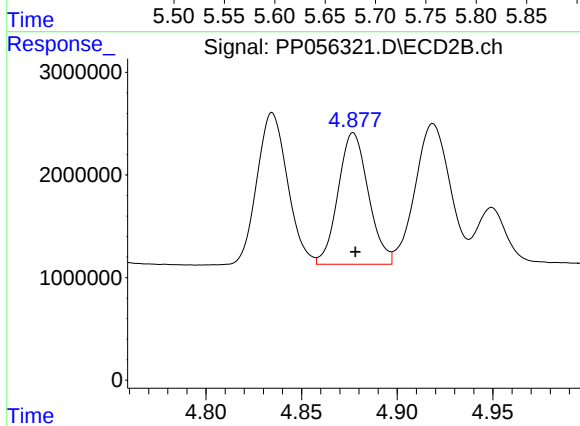
#5 AR-1016-3

R.T.: 4.835 min
Delta R.T.: 0.000 min
Response: 16439347
Conc: 507.91 ng/ml



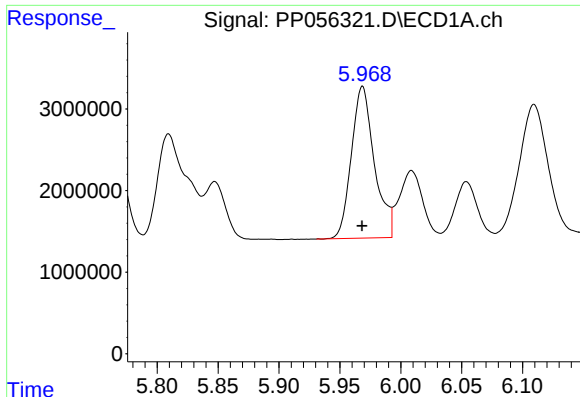
#6 AR-1016-4

R.T.: 5.672 min
Delta R.T.: 0.000 min
Response: 23319486
Conc: 537.05 ng/ml



#6 AR-1016-4

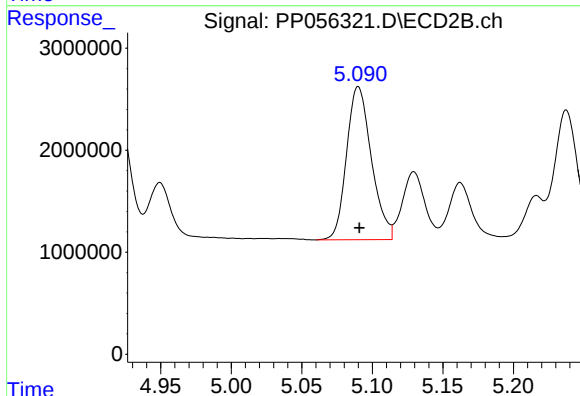
R.T.: 4.877 min
Delta R.T.: -0.001 min
Response: 14143626
Conc: 503.95 ng/ml



#7 AR-1016-5

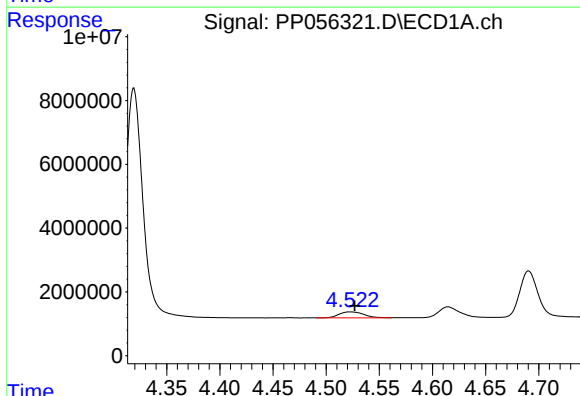
R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 24470566
Conc: 533.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



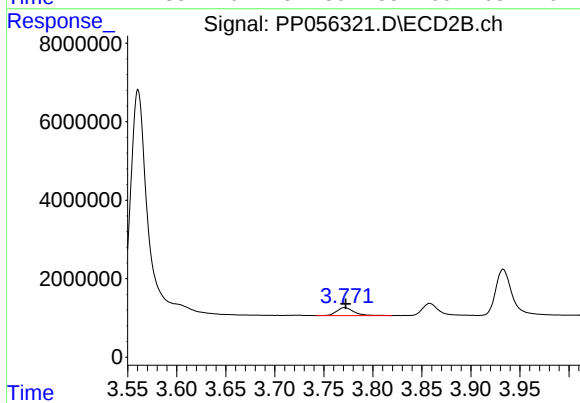
#7 AR-1016-5

R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 18381473
Conc: 513.78 ng/ml



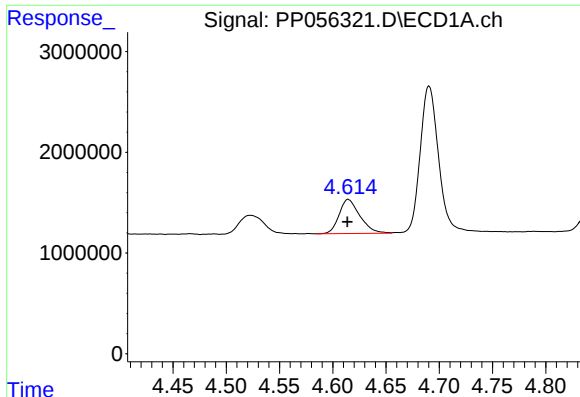
#8 AR-1221-1

R.T.: 4.523 min
Delta R.T.: -0.004 min
Response: 2956423
Conc: 147.59 ng/ml



#8 AR-1221-1

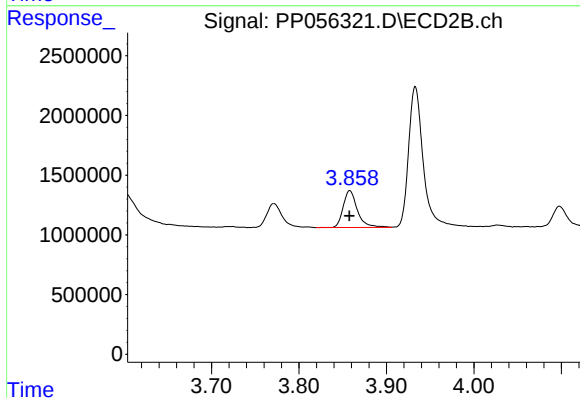
R.T.: 3.771 min
Delta R.T.: -0.001 min
Response: 2464751
Conc: 141.72 ng/ml



#9 AR-1221-2

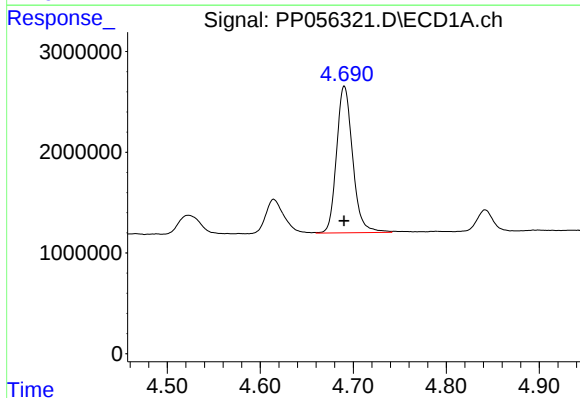
R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 4611708
Conc: 303.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



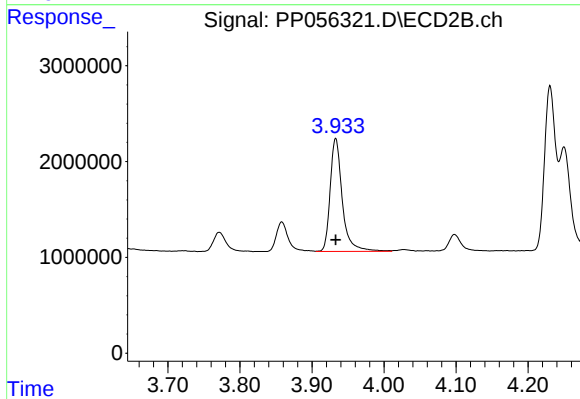
#9 AR-1221-2

R.T.: 3.858 min
Delta R.T.: 0.000 min
Response: 3519939
Conc: 272.40 ng/ml



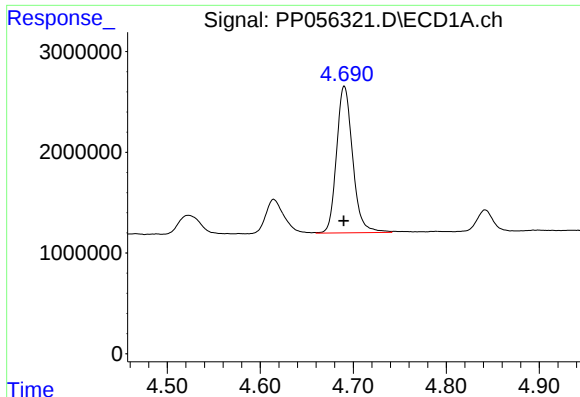
#10 AR-1221-3

R.T.: 4.690 min
Delta R.T.: 0.000 min
Response: 17517407
Conc: 376.59 ng/ml



#10 AR-1221-3

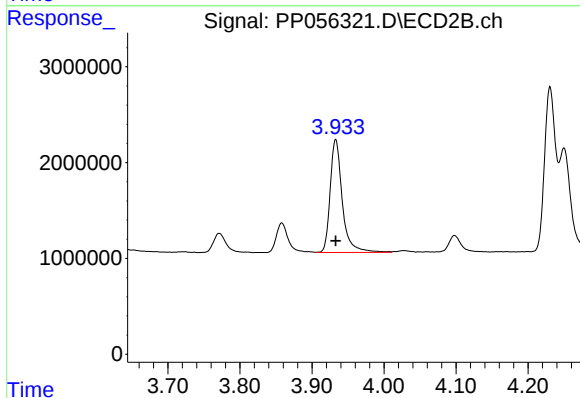
R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 13785935
Conc: 339.82 ng/ml



#11 AR-1232-1

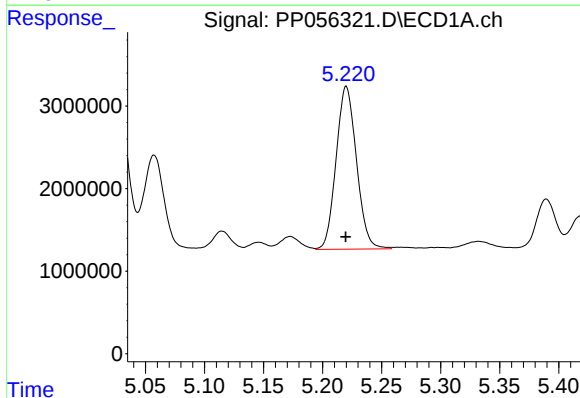
R.T.: 4.690 min
Delta R.T.: 0.000 min
Response: 17517407
Conc: 451.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



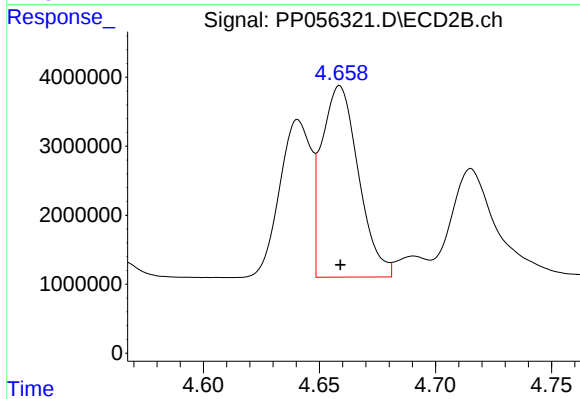
#11 AR-1232-1

R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 13785935
Conc: 418.91 ng/ml



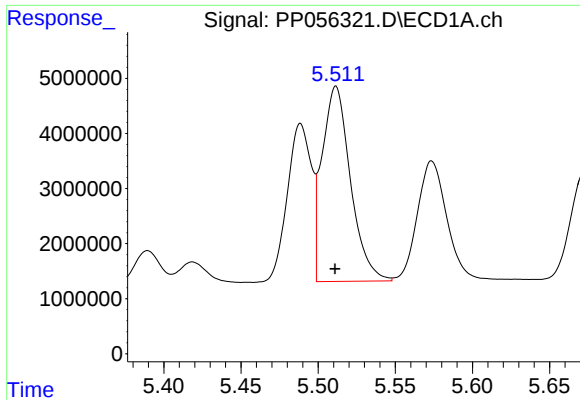
#12 AR-1232-2

R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 23716244
Conc: 1172.27 ng/ml



#12 AR-1232-2

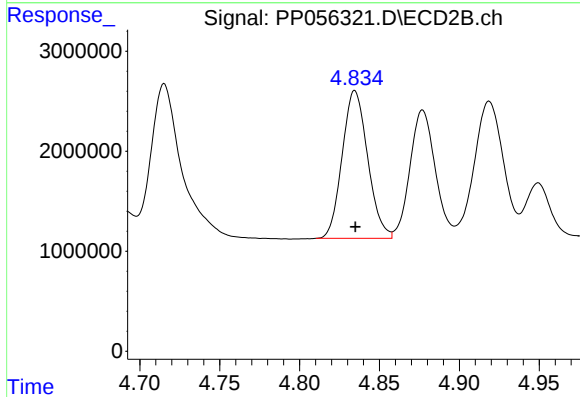
R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 30559366
Conc: 1102.19 ng/ml



#13 AR-1232-3

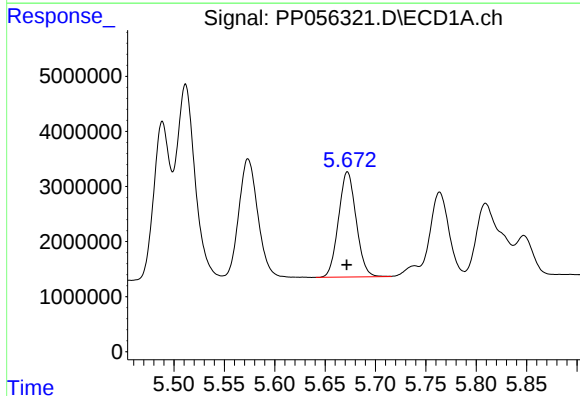
R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 45511817
Conc: 1168.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



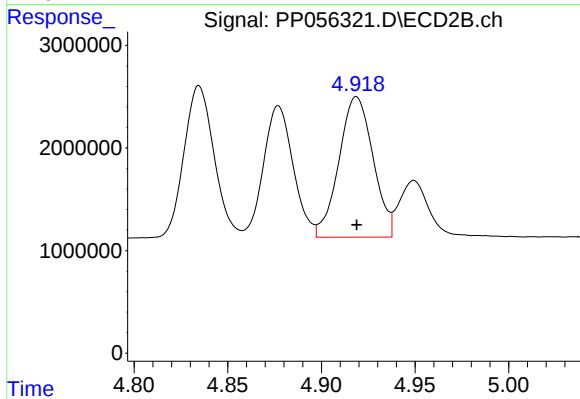
#13 AR-1232-3

R.T.: 4.835 min
Delta R.T.: 0.000 min
Response: 16439347
Conc: 1160.74 ng/ml



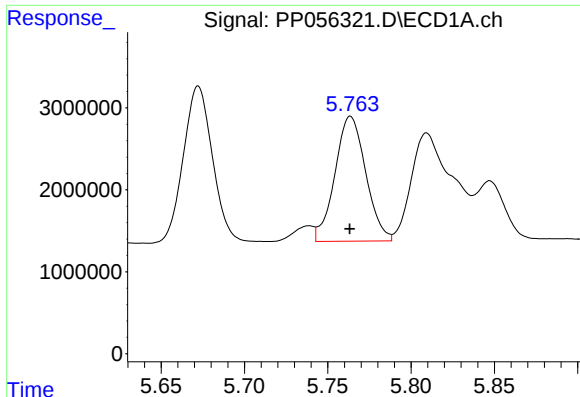
#14 AR-1232-4

R.T.: 5.672 min
Delta R.T.: 0.000 min
Response: 23319486
Conc: 1192.48 ng/ml



#14 AR-1232-4

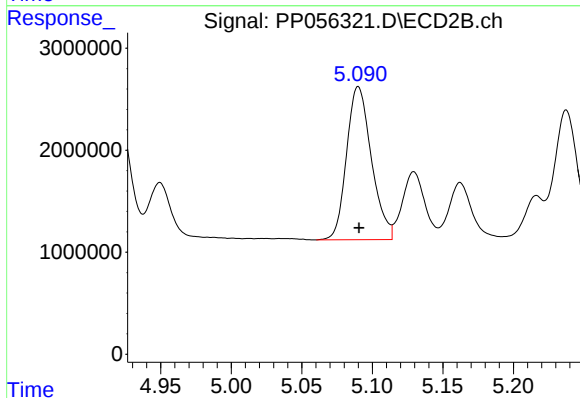
R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 17382316
Conc: 1223.86 ng/ml



#15 AR-1232-5

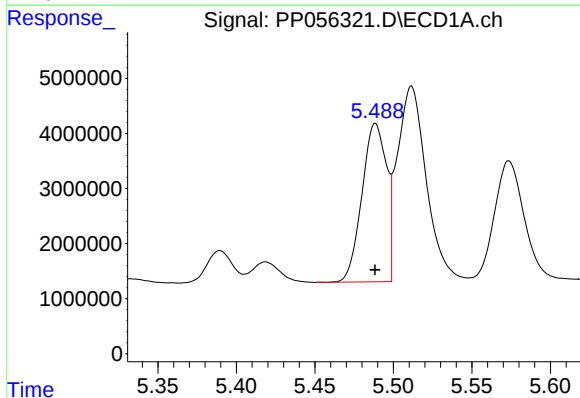
R.T.: 5.764 min
Delta R.T.: 0.000 min
Response: 19661095
Conc: 1241.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



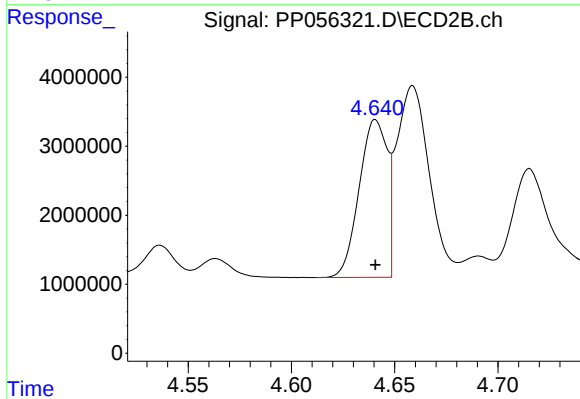
#15 AR-1232-5

R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 18381473
Conc: 1198.52 ng/ml



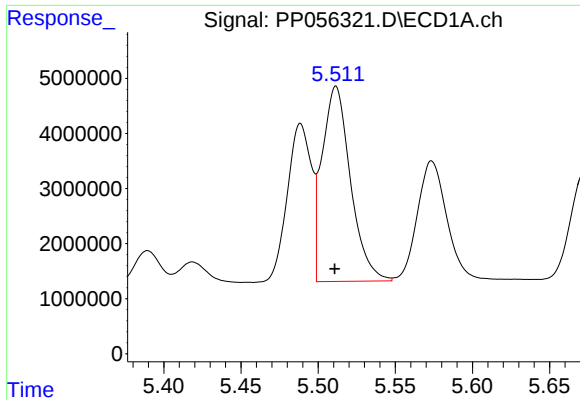
#16 AR-1242-1

R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 31236877
Conc: 640.96 ng/ml



#16 AR-1242-1

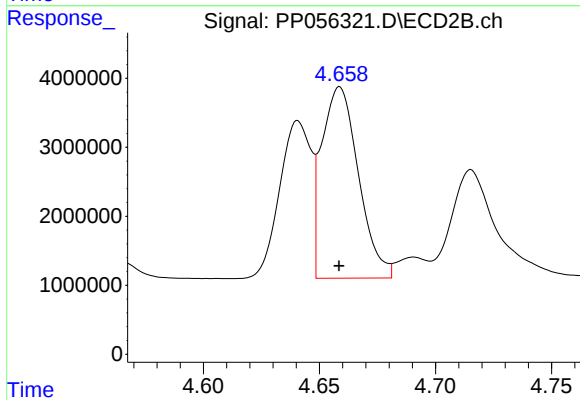
R.T.: 4.641 min
Delta R.T.: 0.000 min
Response: 21509716
Conc: 608.25 ng/ml



#17 AR-1242-2

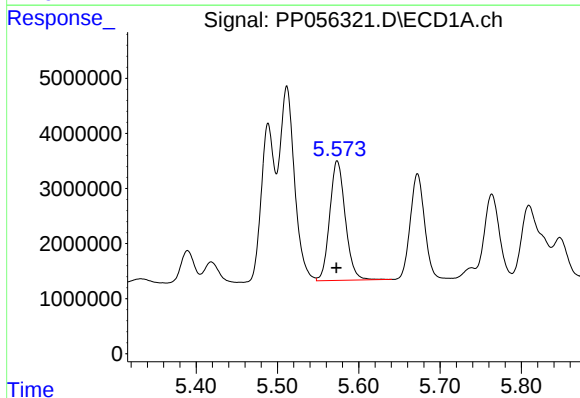
R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 45511817
Conc: 637.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



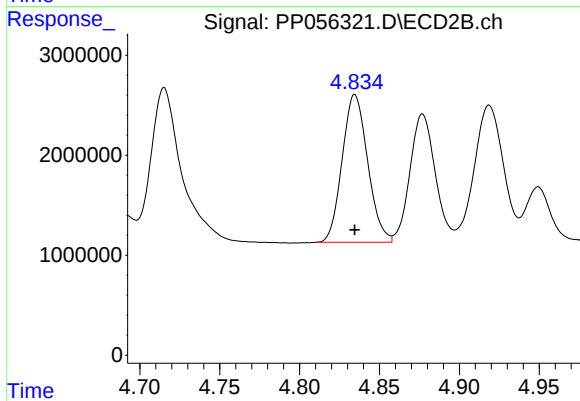
#17 AR-1242-2

R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 30559366
Conc: 601.46 ng/ml



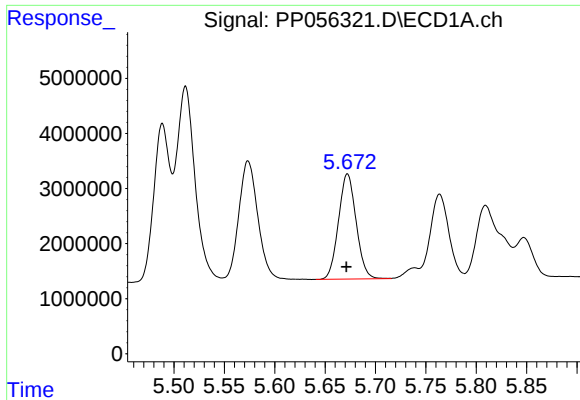
#18 AR-1242-3

R.T.: 5.574 min
Delta R.T.: 0.001 min
Response: 28917738
Conc: 635.22 ng/ml



#18 AR-1242-3

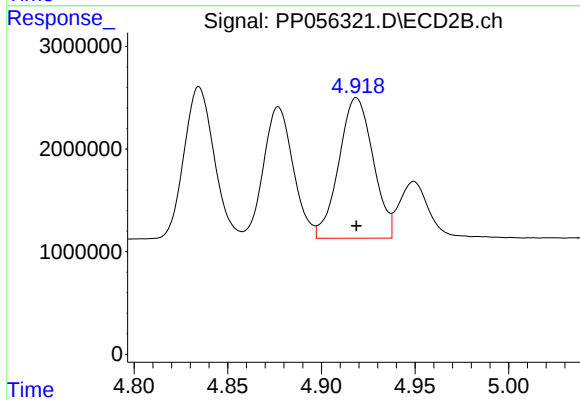
R.T.: 4.835 min
Delta R.T.: 0.000 min
Response: 16439347
Conc: 609.21 ng/ml



#19 AR-1242-4

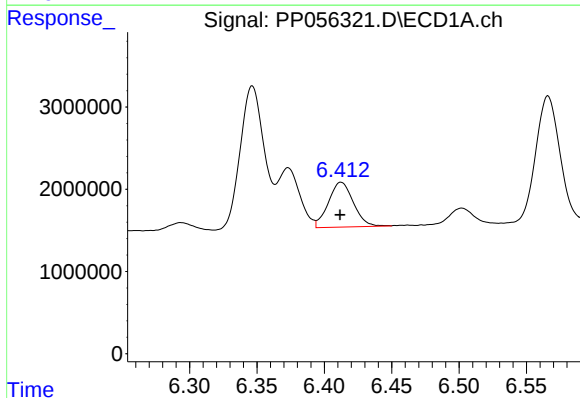
R.T.: 5.672 min
Delta R.T.: 0.001 min
Response: 23319486
Conc: 652.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



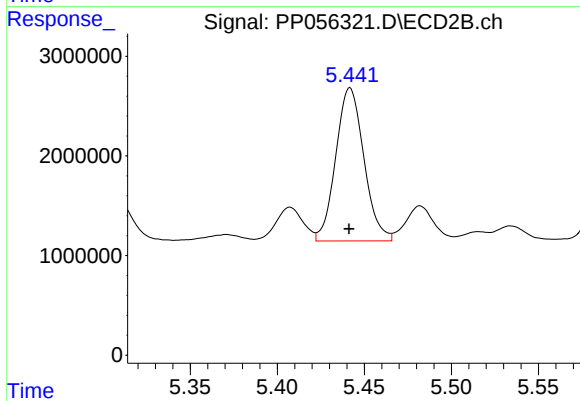
#19 AR-1242-4

R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 17382316
Conc: 593.26 ng/ml



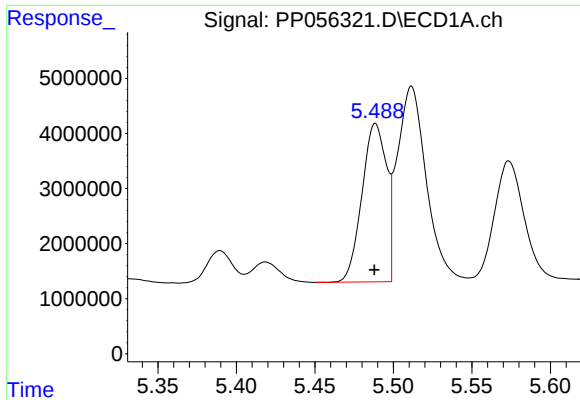
#20 AR-1242-5

R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 7039618
Conc: 164.67 ng/ml



#20 AR-1242-5

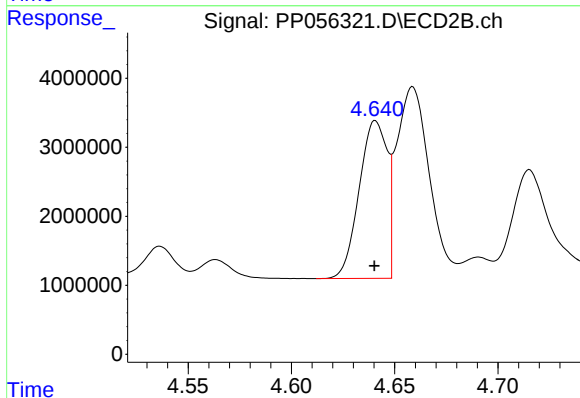
R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 17303186
Conc: 536.30 ng/ml



#21 AR-1248-1

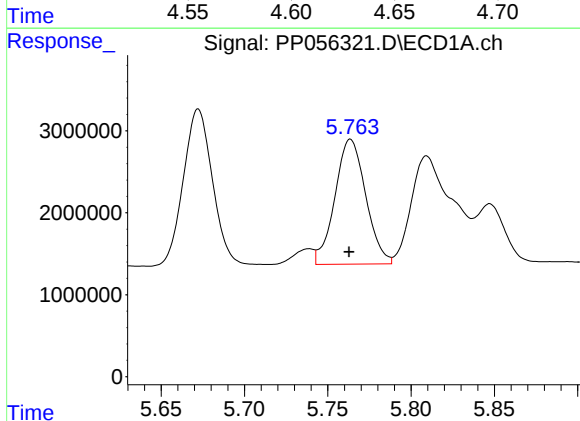
R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 31236877
Conc: 877.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



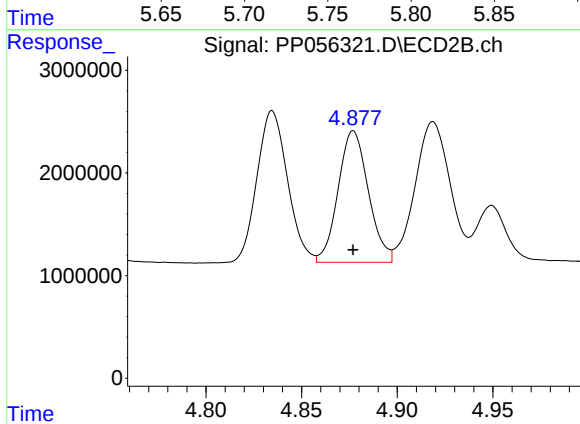
#21 AR-1248-1

R.T.: 4.641 min
Delta R.T.: 0.000 min
Response: 21509716
Conc: 828.46 ng/ml



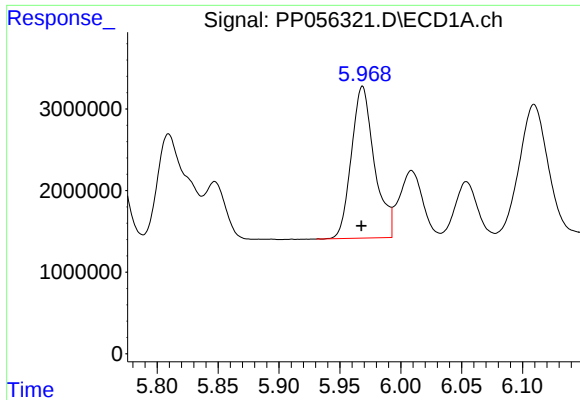
#22 AR-1248-2

R.T.: 5.764 min
Delta R.T.: 0.000 min
Response: 19661095
Conc: 352.15 ng/ml



#22 AR-1248-2

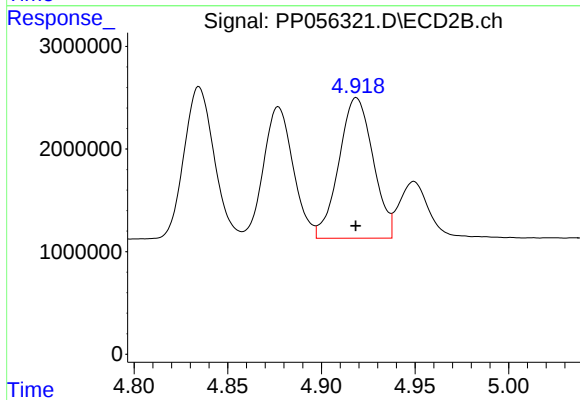
R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 14143626
Conc: 363.60 ng/ml



#23 AR-1248-3

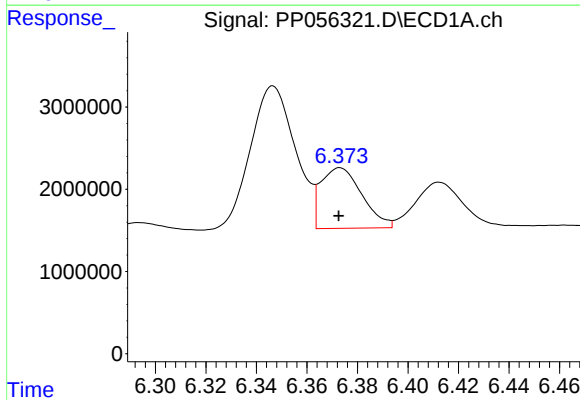
R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 24470566
Conc: 402.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



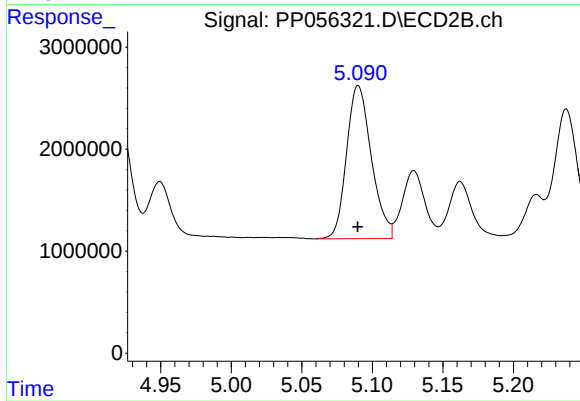
#23 AR-1248-3

R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 17382316
Conc: 426.25 ng/ml



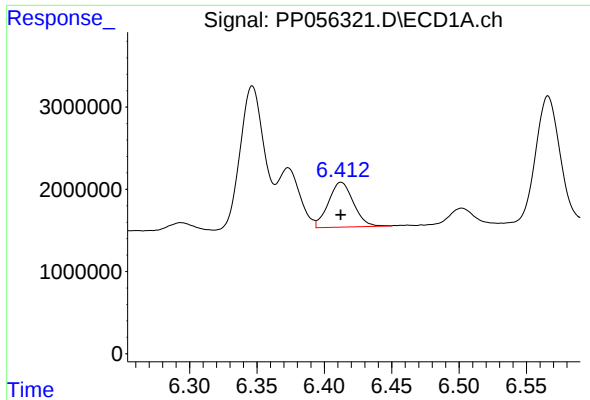
#24 AR-1248-4

R.T.: 6.373 min
Delta R.T.: 0.000 min
Response: 8319443
Conc: 120.44 ng/ml



#24 AR-1248-4

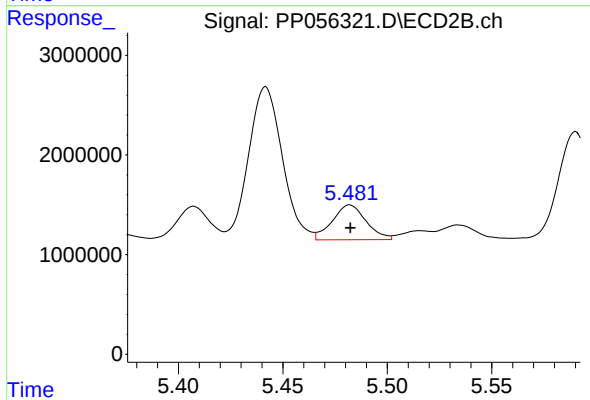
R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 18381473
Conc: 392.52 ng/ml



#25 AR-1248-5

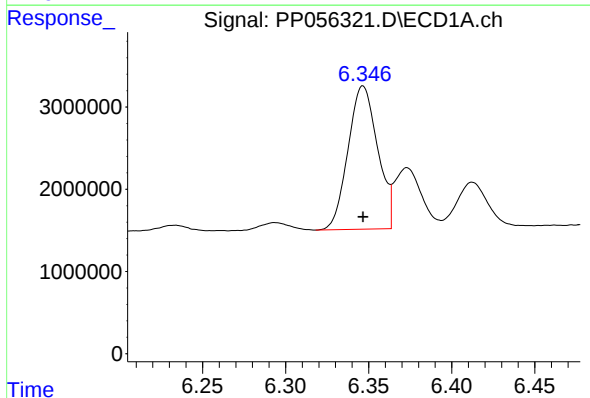
R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 7039618
Conc: 103.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



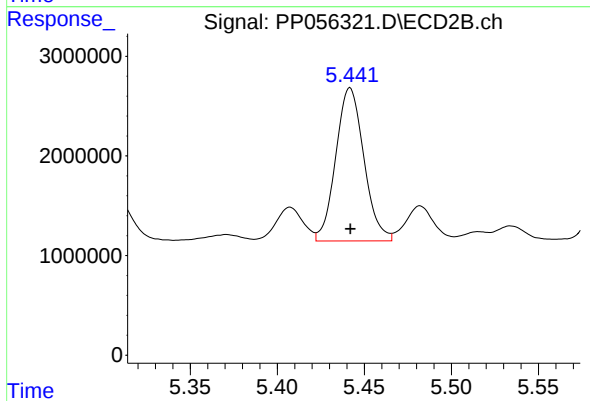
#25 AR-1248-5

R.T.: 5.482 min
Delta R.T.: 0.000 min
Response: 3935883
Conc: 95.31 ng/ml



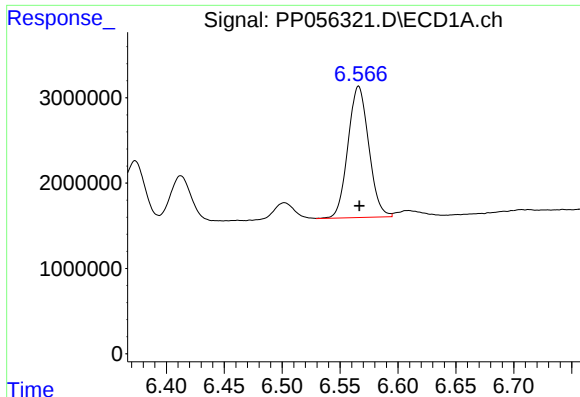
#26 AR-1254-1

R.T.: 6.347 min
Delta R.T.: 0.000 min
Response: 21578480
Conc: 285.88 ng/ml



#26 AR-1254-1

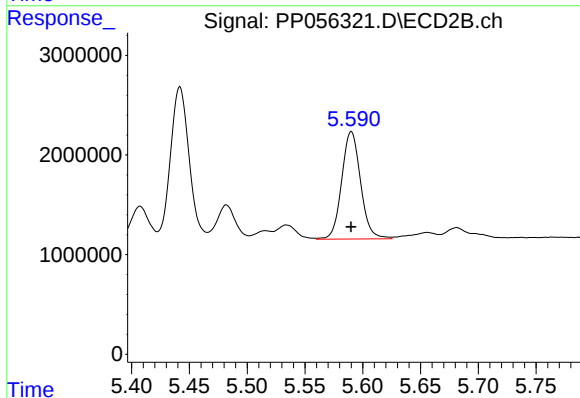
R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 17303186
Conc: 241.11 ng/ml



#27 AR-1254-2

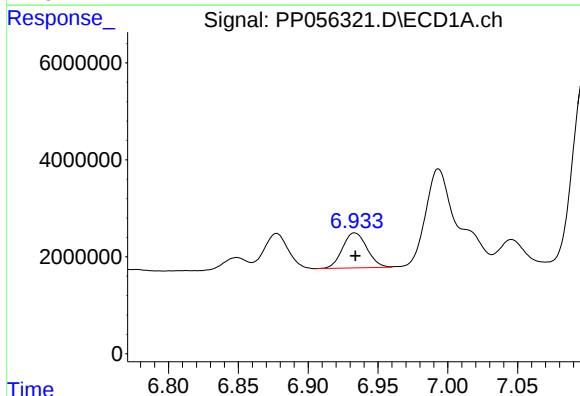
R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 19207634
Conc: 165.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



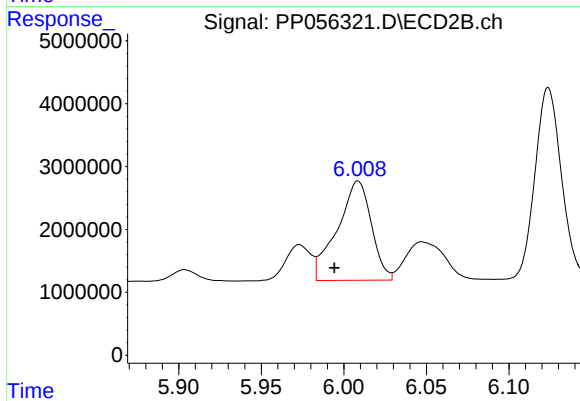
#27 AR-1254-2

R.T.: 5.590 min
Delta R.T.: 0.000 min
Response: 12220020
Conc: 200.39 ng/ml



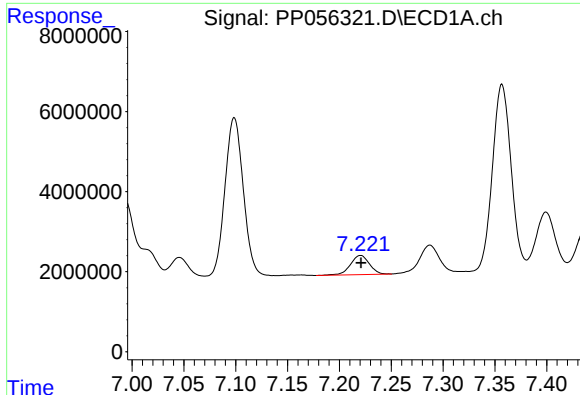
#28 AR-1254-3

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 8802371
Conc: 71.78 ng/ml



#28 AR-1254-3

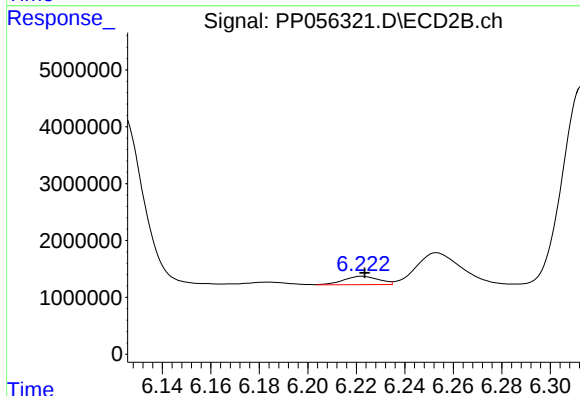
R.T.: 6.009 min
Delta R.T.: 0.014 min
Response: 22720007
Conc: 245.42 ng/ml



#29 AR-1254-4

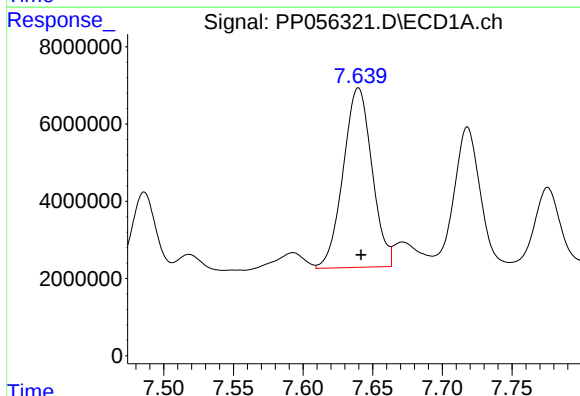
R.T.: 7.221 min
Delta R.T.: 0.000 min
Response: 6128617
Conc: 67.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



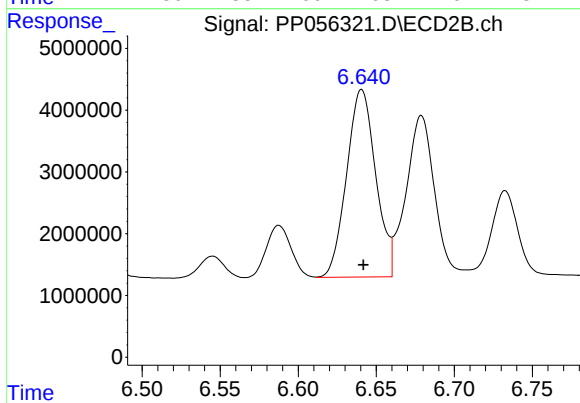
#29 AR-1254-4

R.T.: 6.222 min
Delta R.T.: -0.001 min
Response: 1476750
Conc: 27.39 ng/ml



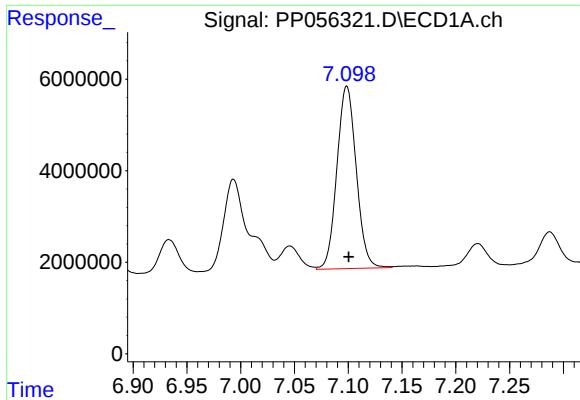
#30 AR-1254-5

R.T.: 7.640 min
Delta R.T.: -0.002 min
Response: 66900137
Conc: 647.12 ng/ml



#30 AR-1254-5

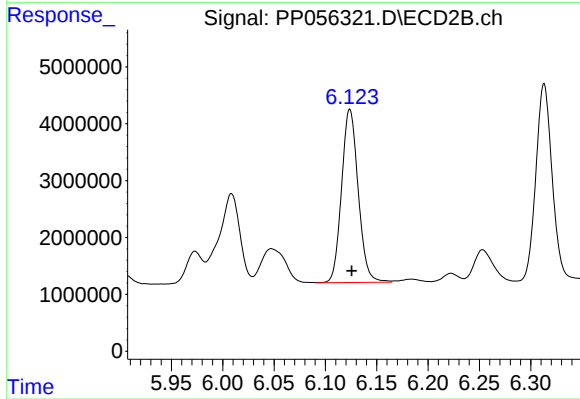
R.T.: 6.641 min
Delta R.T.: -0.001 min
Response: 39417609
Conc: 504.36 ng/ml



#31 AR-1260-1

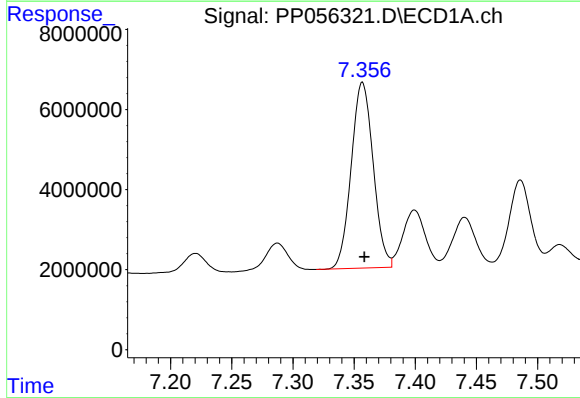
R.T.: 7.099 min
Delta R.T.: -0.002 min
Response: 49829538
Conc: 505.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



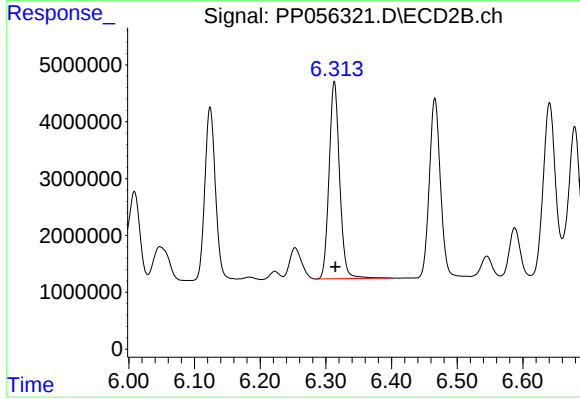
#31 AR-1260-1

R.T.: 6.124 min
Delta R.T.: -0.002 min
Response: 34283978
Conc: 502.91 ng/ml



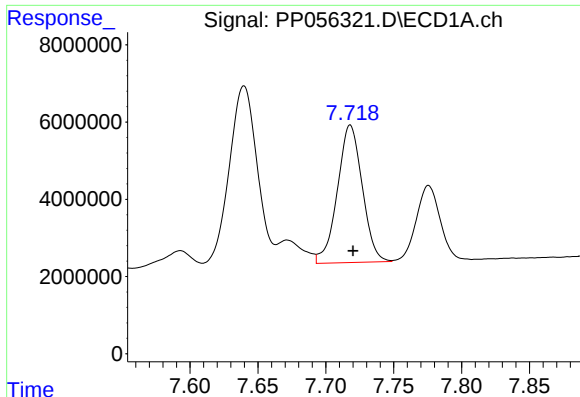
#32 AR-1260-2

R.T.: 7.357 min
Delta R.T.: -0.002 min
Response: 58069471
Conc: 500.62 ng/ml



#32 AR-1260-2

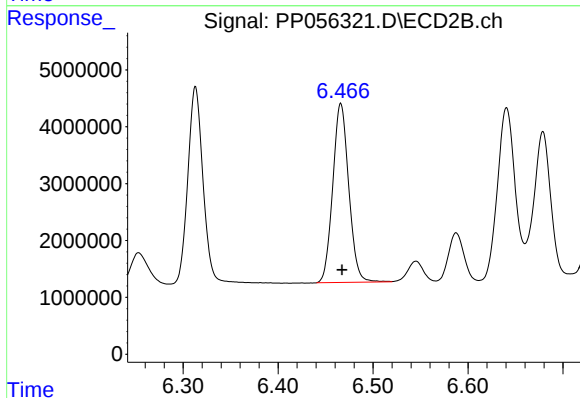
R.T.: 6.313 min
Delta R.T.: -0.002 min
Response: 38733458
Conc: 506.33 ng/ml



#33 AR-1260-3

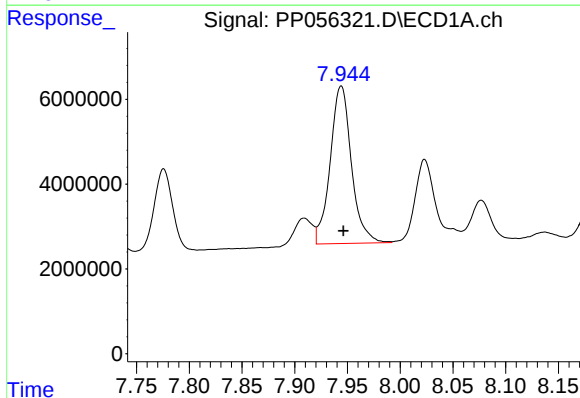
R.T.: 7.718 min
Delta R.T.: -0.002 min
Response: 45495755
Conc: 531.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



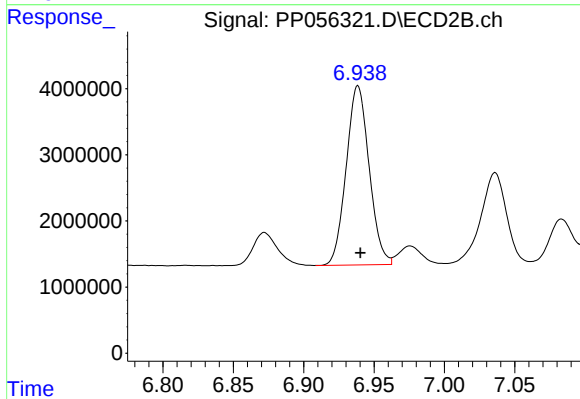
#33 AR-1260-3

R.T.: 6.466 min
Delta R.T.: -0.001 min
Response: 36922117
Conc: 510.61 ng/ml



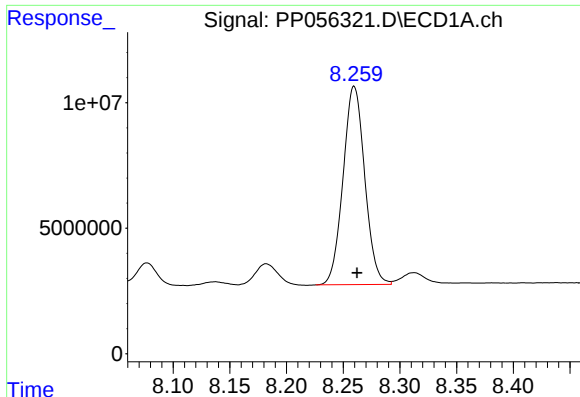
#34 AR-1260-4

R.T.: 7.944 min
Delta R.T.: -0.002 min
Response: 52065130
Conc: 526.63 ng/ml



#34 AR-1260-4

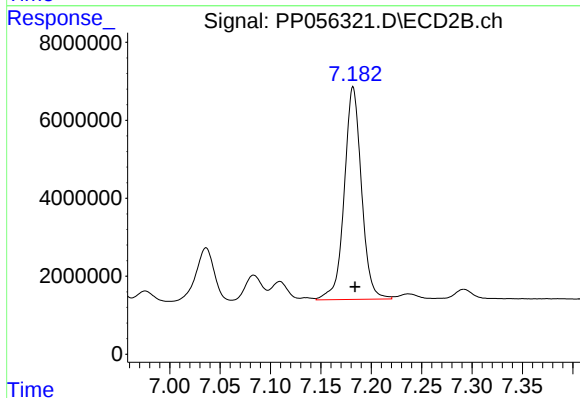
R.T.: 6.939 min
Delta R.T.: -0.002 min
Response: 30792091
Conc: 513.48 ng/ml



#35 AR-1260-5

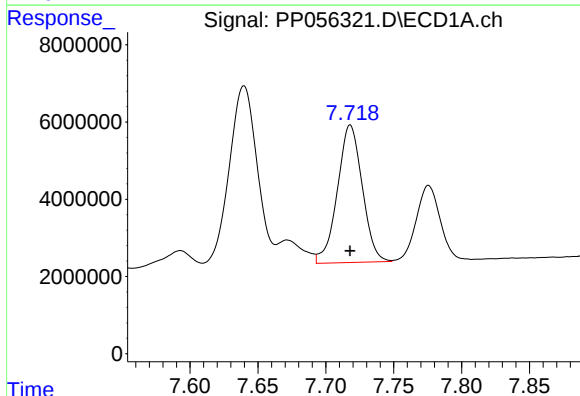
R.T.: 8.260 min
Delta R.T.: -0.003 min
Response: 105115125
Conc: 525.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



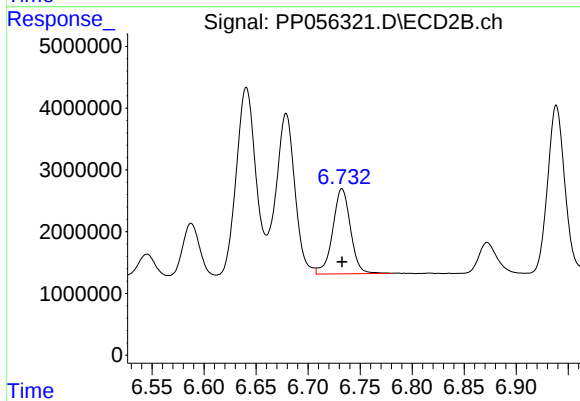
#35 AR-1260-5

R.T.: 7.182 min
Delta R.T.: -0.002 min
Response: 64879208
Conc: 507.74 ng/ml



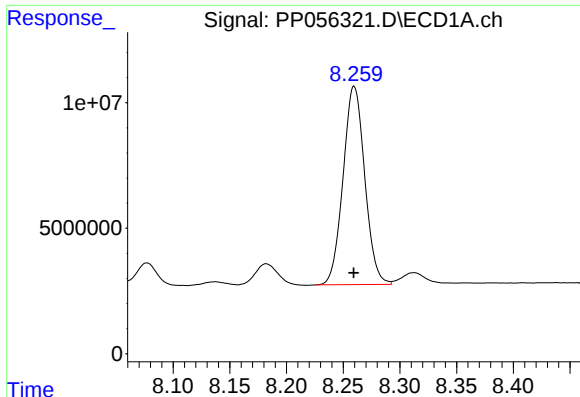
#36 AR-1262-1

R.T.: 7.718 min
Delta R.T.: 0.000 min
Response: 45495755
Conc: 381.18 ng/ml



#36 AR-1262-1

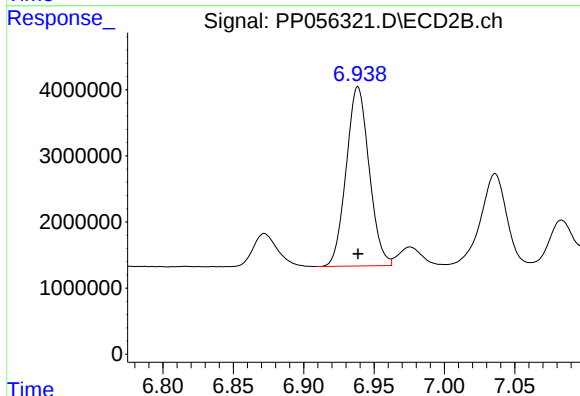
R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 16439832
Conc: 500.19 ng/ml



#37 AR-1262-2

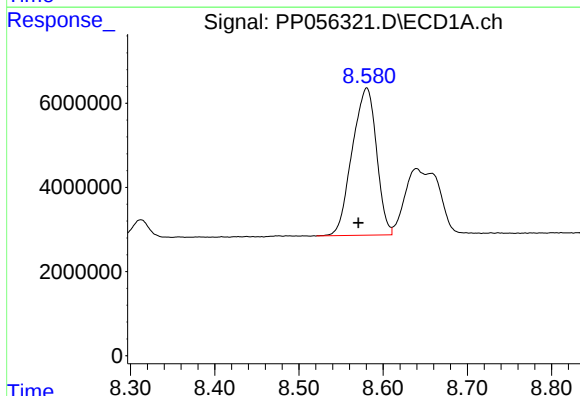
R.T.: 8.260 min
Delta R.T.: 0.000 min
Response: 105115125
Conc: 481.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



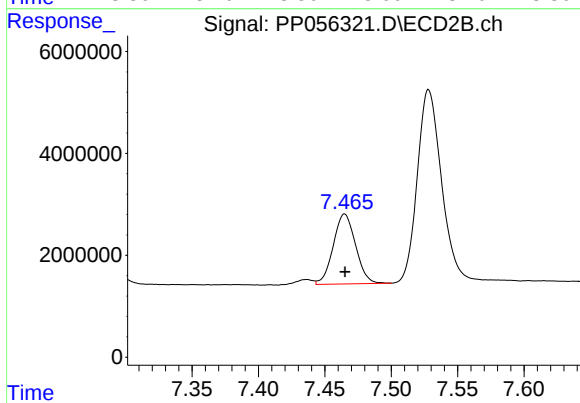
#37 AR-1262-2

R.T.: 6.939 min
Delta R.T.: 0.000 min
Response: 30792091
Conc: 431.95 ng/ml



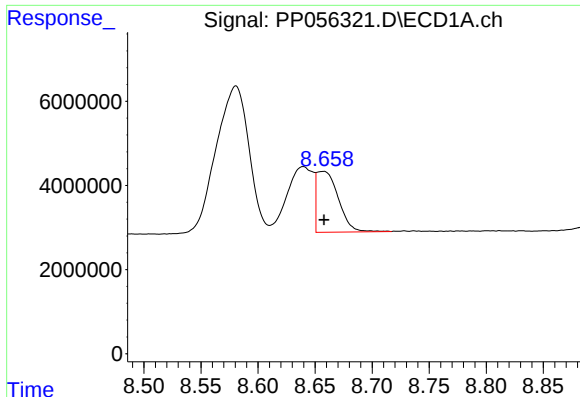
#38 AR-1262-3

R.T.: 8.581 min
Delta R.T.: 0.010 min
Response: 70271717
Conc: 459.95 ng/ml



#38 AR-1262-3

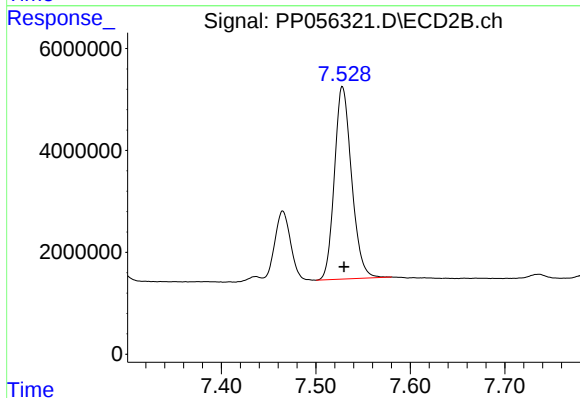
R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 16061743
Conc: 294.96 ng/ml



#39 AR-1262-4

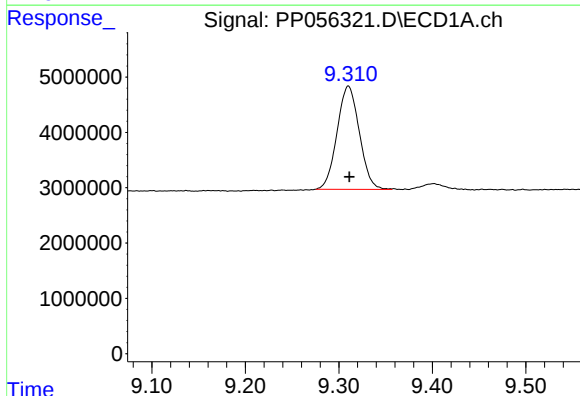
R.T.: 8.657 min
Delta R.T.: 0.000 min
Response: 19206071
Conc: 238.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



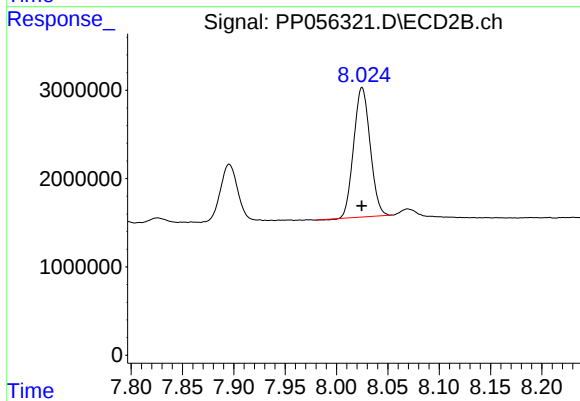
#39 AR-1262-4

R.T.: 7.528 min
Delta R.T.: -0.002 min
Response: 47752180
Conc: 493.90 ng/ml



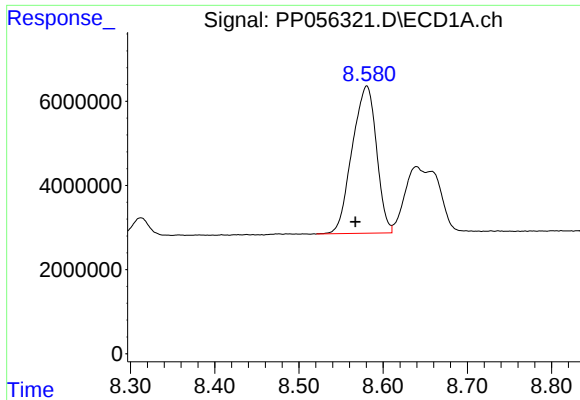
#40 AR-1262-5

R.T.: 9.310 min
Delta R.T.: -0.001 min
Response: 30898719
Conc: 372.96 ng/ml



#40 AR-1262-5

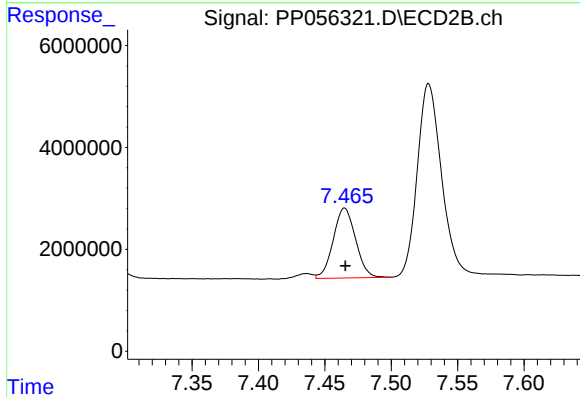
R.T.: 8.025 min
Delta R.T.: 0.000 min
Response: 16364930
Conc: 364.19 ng/ml



#41 AR-1268-1

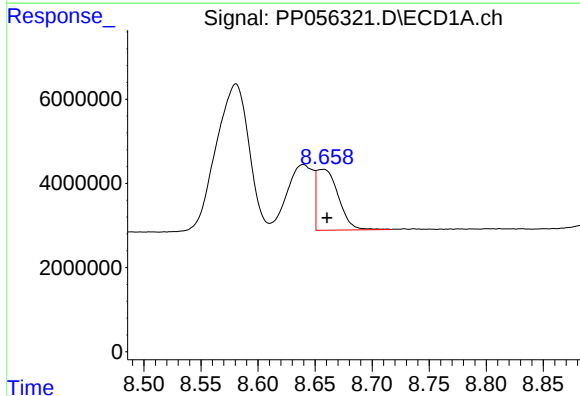
R.T.: 8.581 min
Delta R.T.: 0.013 min
Response: 70271717
Conc: 254.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



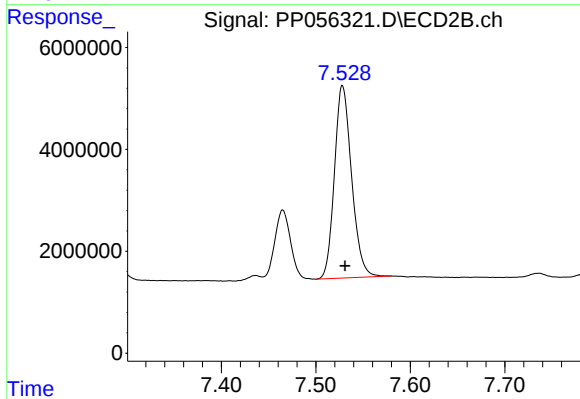
#41 AR-1268-1

R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 16061743
Conc: 95.19 ng/ml



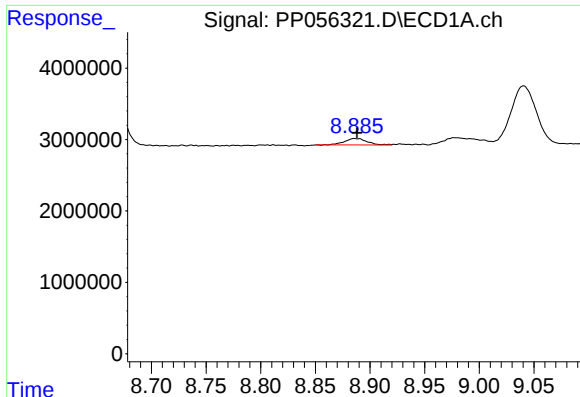
#42 AR-1268-2

R.T.: 8.657 min
Delta R.T.: -0.003 min
Response: 19206071
Conc: 74.48 ng/ml



#42 AR-1268-2

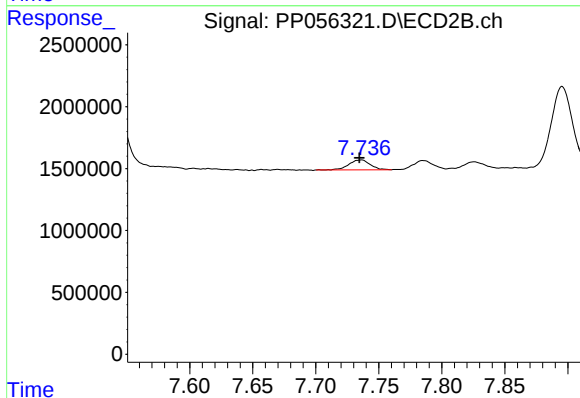
R.T.: 7.528 min
Delta R.T.: -0.003 min
Response: 47752180
Conc: 319.32 ng/ml



#43 AR-1268-3

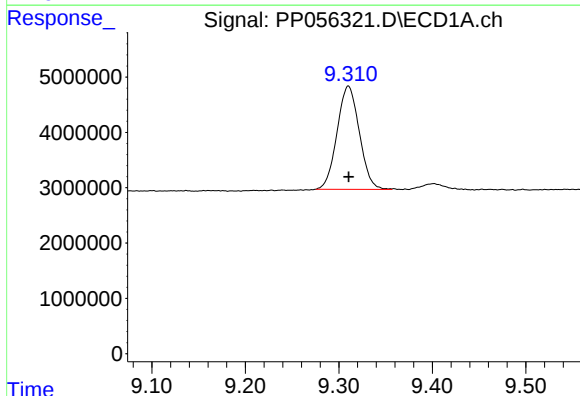
R.T.: 8.886 min
Delta R.T.: -0.002 min
Response: 1296373
Conc: 5.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



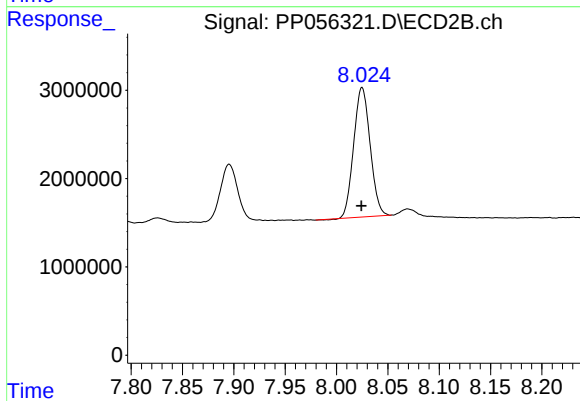
#43 AR-1268-3

R.T.: 7.736 min
Delta R.T.: 0.002 min
Response: 950558
Conc: 7.00 ng/ml



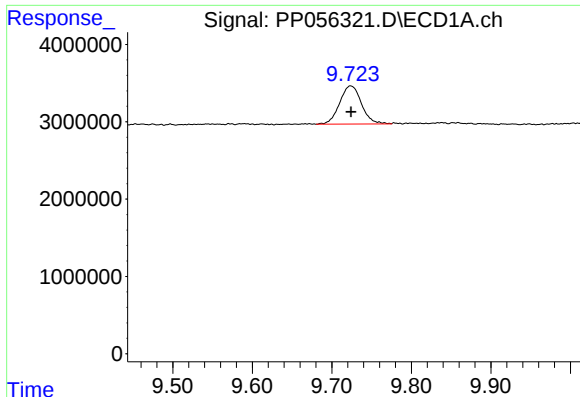
#44 AR-1268-4

R.T.: 9.310 min
Delta R.T.: 0.000 min
Response: 30898719
Conc: 330.94 ng/ml



#44 AR-1268-4

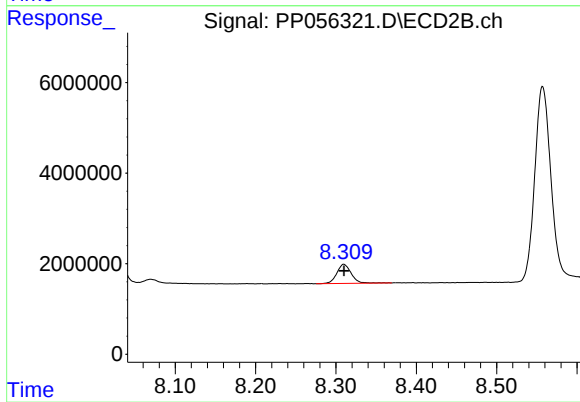
R.T.: 8.025 min
Delta R.T.: 0.000 min
Response: 16364930
Conc: 320.67 ng/ml



#45 AR-1268-5

R.T.: 9.724 min
Delta R.T.: 0.000 min
Response: 9425929
Conc: 12.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.310 min
Delta R.T.: 0.000 min
Response: 5279670
Conc: 13.57 ng/ml