

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP020823\
 Data File : PP055470.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Feb 2023 19:54
 Operator : YP\AJ
 Sample : 01473-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 22:11:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 03:37:45 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...	4.342	3.595	22732328	16397548	13.074	10.923
2)	SA Decachlor...	10.078	8.581	34443359	25118041	19.890	18.598
Target Compounds							
3)	L1 AR-1016-1	5.503	4.686f	251800	7126255	3.746	143.982 #
4)	L1 AR-1016-2	5.541f	4.686	362132	7126255	3.779	102.952 #
5)	L1 AR-1016-3	5.585	4.865	602840	2564242	10.078	68.938 #
6)	L1 AR-1016-4	5.685	4.915	1501037	4149597	31.325	132.059 #
7)	L1 AR-1016-5	5.981	5.122	1599570	75220	31.566	1.840 #
8)	L2 AR-1221-1	4.553	0.000	128986	0	5.485	N.D. #
9)	L2 AR-1221-2	4.648f	0.000	1307226	0	73.576	N.D. #
10)	L2 AR-1221-3	4.702	0.000	1117565	0	20.769	N.D. #
11)	L3 AR-1232-1	4.702	0.000	1117565	0	25.180	N.D. #
12)	L3 AR-1232-2	5.224	4.686	768801	7126255	33.996	223.096 #
13)	L3 AR-1232-3	5.541f	4.865	362132	2564242	8.246	153.815 #
14)	L3 AR-1232-4	5.685	4.915f	1501037	4149597	67.815	257.321 #
15)	L3 AR-1232-5	5.789	5.122	2177015	75220	124.351	4.259 #
16)	L4 AR-1242-1	5.503	4.686f	251800	7126255	4.497	173.971 #
17)	L4 AR-1242-2	5.541f	4.686	362132	7126255	4.536	124.801 #
18)	L4 AR-1242-3	5.585	4.865	602840	2564242	12.139	83.072 #
19)	L4 AR-1242-4	5.685	4.915f	1501037	4149597	37.454	127.731 #
20)	L4 AR-1242-5	6.427	5.475	1983473	4210035	44.609	112.653 #
21)	L5 AR-1248-1	5.503	4.641f	251800	357381	6.038	11.527 #
22)	L5 AR-1248-2	5.770	4.915	3086550	4149597	48.550	90.746 #
23)	L5 AR-1248-3	5.981	4.915f	1599570	4149597	23.129	87.042 #
24)	L5 AR-1248-4	6.369f	5.122	5002502	75220	65.966	1.362 #
25)	L5 AR-1248-5	6.427	5.514	1983473	3675311	26.879	74.746 #
26)	L6 AR-1254-1	6.369	5.475	5002502	4210035	63.409	52.131
27)	L6 AR-1254-2	6.587	5.623	4188219	4482613	34.607	62.639 #
28)	L6 AR-1254-3	6.953	6.037f	2281175	11343840	18.623	101.823 #
29)	L6 AR-1254-4	7.235	6.251	1526954	1215702	17.330	19.765
30)	L6 AR-1254-5	7.655	6.666	13596283	9908691	134.403	104.518
31)	L7 AR-1260-1	7.117	6.152	8782604	9746214	92.132	125.685 #
32)	L7 AR-1260-2	7.374	6.341	10959031	9846401	97.374	109.529
33)	L7 AR-1260-3	7.732	6.502	9307477	205.1E6	115.594	2415.408 #
34)	L7 AR-1260-4	7.959	6.962	9966199	7336443	102.663	102.460
35)	L7 AR-1260-5	8.272	7.204	18067983	16259688	101.591	105.763
36)	L8 AR-1262-1	7.732	6.758	9307477	2860703	78.889	66.588
37)	L8 AR-1262-2	8.272	6.962	18067983	7336443	89.706	79.207
38)	L8 AR-1262-3	8.599	7.487	11520157	3980304	82.836	54.629 #
39)	L8 AR-1262-4	8.655f	7.550	6629499	13239913	86.230	101.239
40)	L8 AR-1262-5	9.325	8.044	3607944	3639808	50.447	61.351
41)	L9 AR-1268-1	8.599	7.487	11520157	3980304	47.135	18.408 #

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 Operator : YP\AJ
 Sample : 01473-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

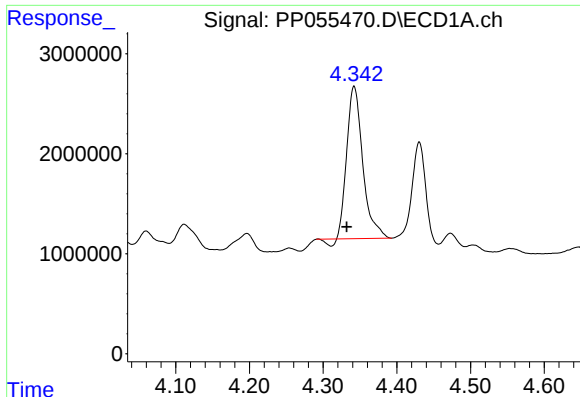
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 22:11:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
 Quant Title : GC EXTRACTABLES
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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	8.655f	7.550	6629499	13239913	29.189	67.850 #
43) L9	AR-1268-3	8.911	7.750f	1034328	148587	5.177	0.865 #
44) L9	AR-1268-4	9.325	8.044	3607944	3639808	45.934	57.066
45) L9	AR-1268-5	9.743	8.367f	848389	303030	1.334	0.575 #

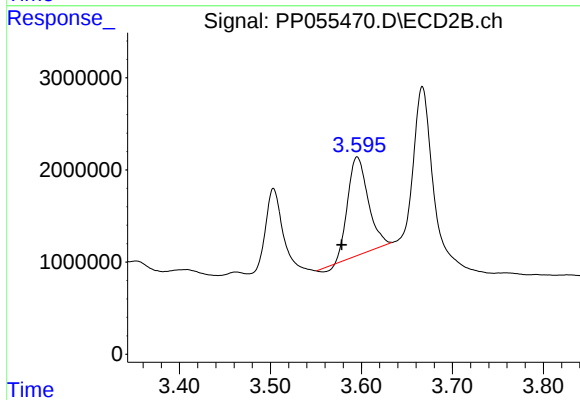
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

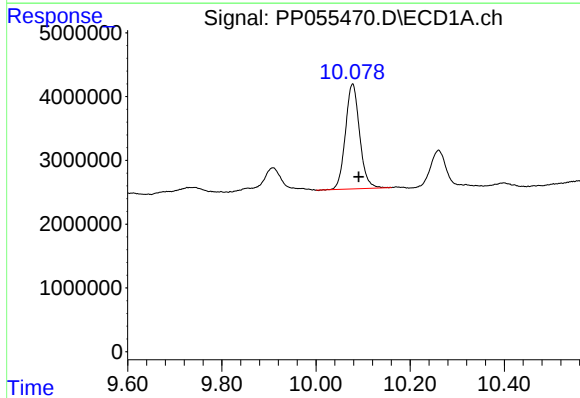
R.T.: 4.342 min
Delta R.T.: 0.010 min
Response: 22732328
Conc: 13.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



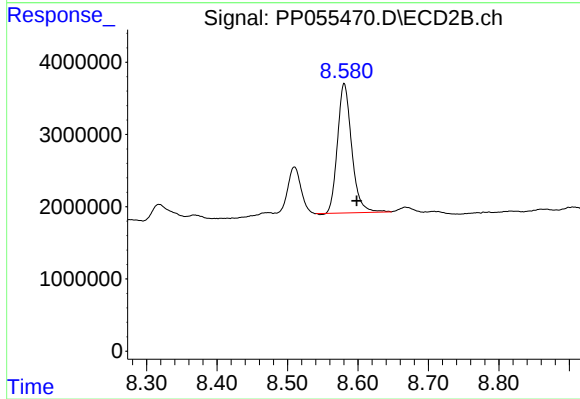
#1 Tetrachloro-m-xylene

R.T.: 3.595 min
Delta R.T.: 0.017 min
Response: 16397548
Conc: 10.92 ng/ml



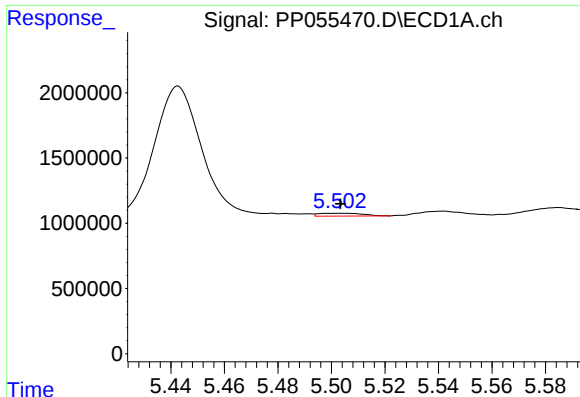
#2 Decachlorobiphenyl

R.T.: 10.078 min
Delta R.T.: -0.013 min
Response: 34443359
Conc: 19.89 ng/ml



#2 Decachlorobiphenyl

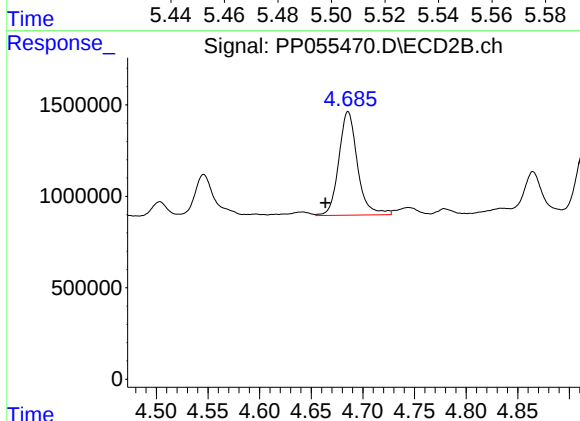
R.T.: 8.581 min
Delta R.T.: -0.018 min
Response: 25118041
Conc: 18.60 ng/ml



#3 AR-1016-1

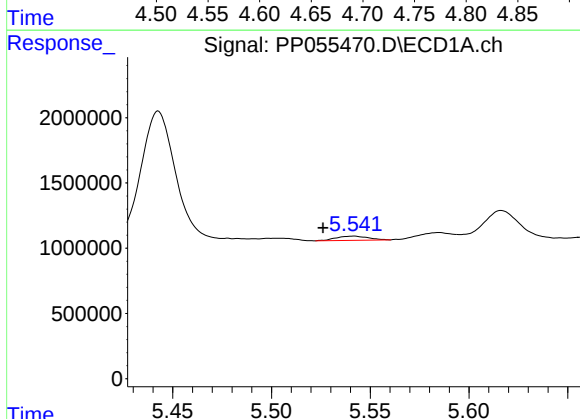
R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 251800
Conc: 3.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



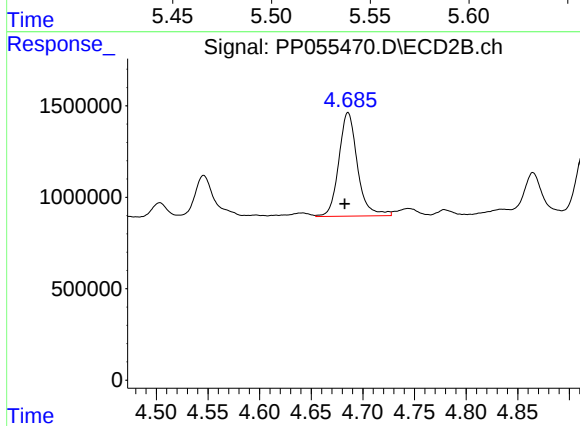
#3 AR-1016-1

R.T.: 4.686 min
Delta R.T.: 0.022 min
Response: 7126255
Conc: 143.98 ng/ml



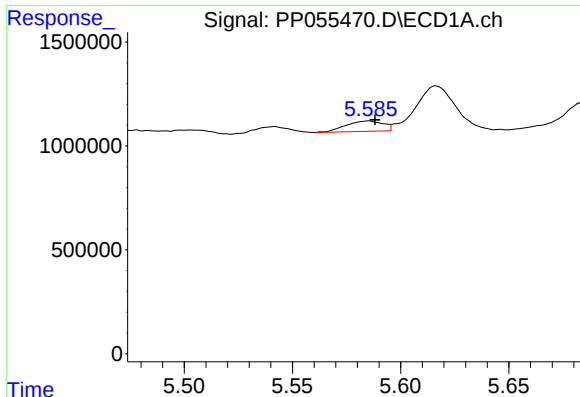
#4 AR-1016-2

R.T.: 5.541 min
Delta R.T.: 0.015 min
Response: 362132
Conc: 3.78 ng/ml



#4 AR-1016-2

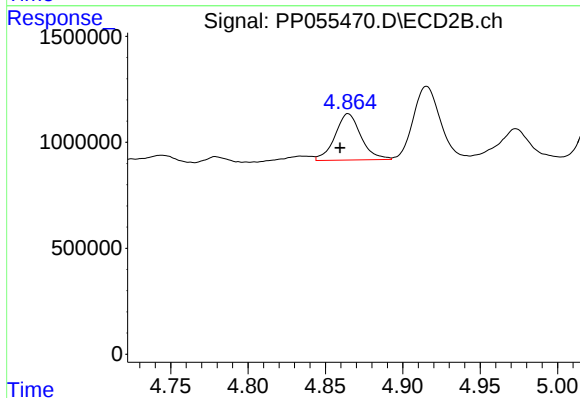
R.T.: 4.686 min
Delta R.T.: 0.003 min
Response: 7126255
Conc: 102.95 ng/ml



#5 AR-1016-3

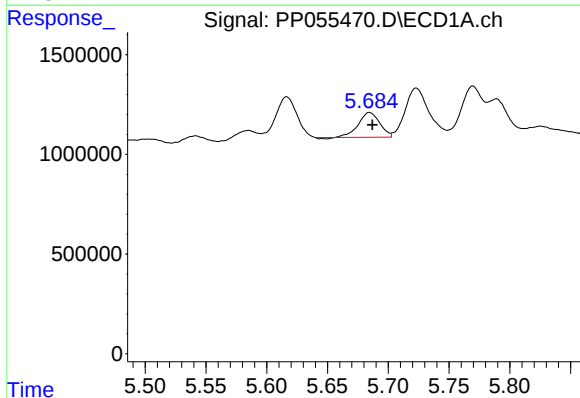
R.T.: 5.585 min
Delta R.T.: -0.003 min
Response: 602840
Conc: 10.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



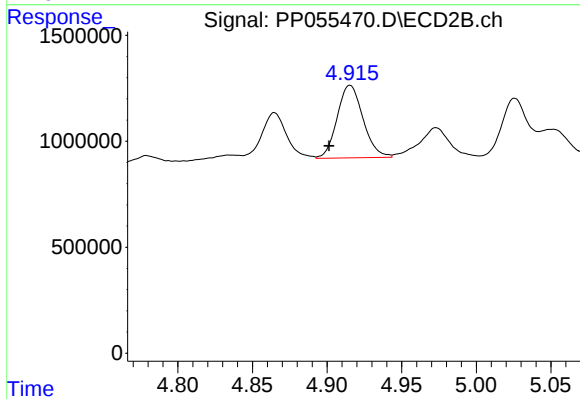
#5 AR-1016-3

R.T.: 4.865 min
Delta R.T.: 0.005 min
Response: 2564242
Conc: 68.94 ng/ml



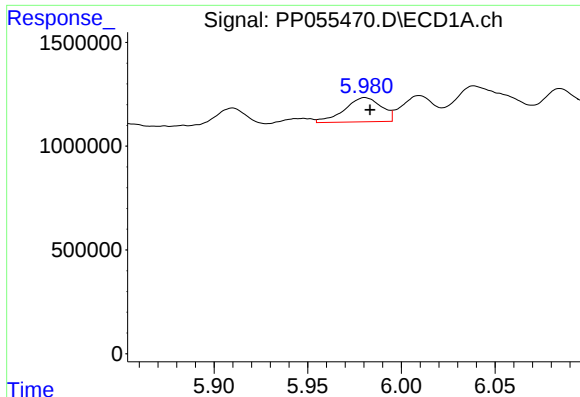
#6 AR-1016-4

R.T.: 5.685 min
Delta R.T.: -0.002 min
Response: 1501037
Conc: 31.33 ng/ml



#6 AR-1016-4

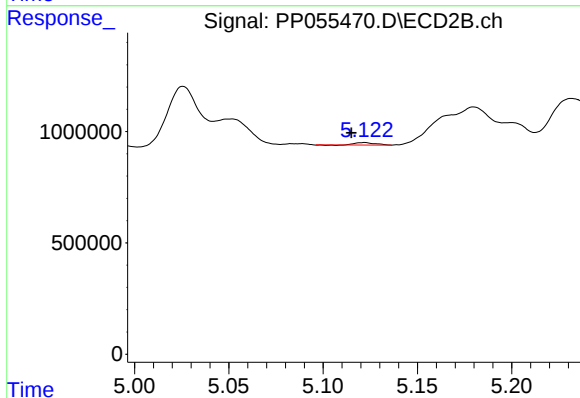
R.T.: 4.915 min
Delta R.T.: 0.014 min
Response: 4149597
Conc: 132.06 ng/ml



#7 AR-1016-5

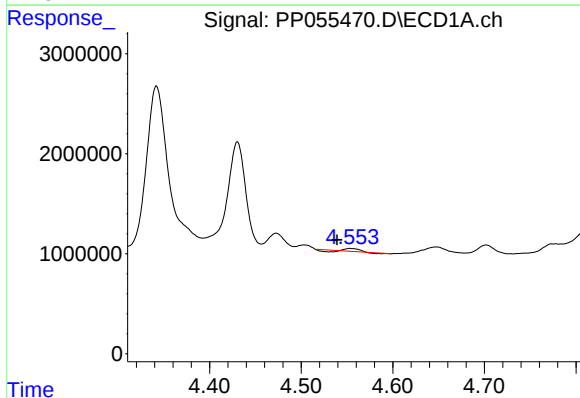
R.T.: 5.981 min
Delta R.T.: -0.003 min
Response: 1599570
Conc: 31.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



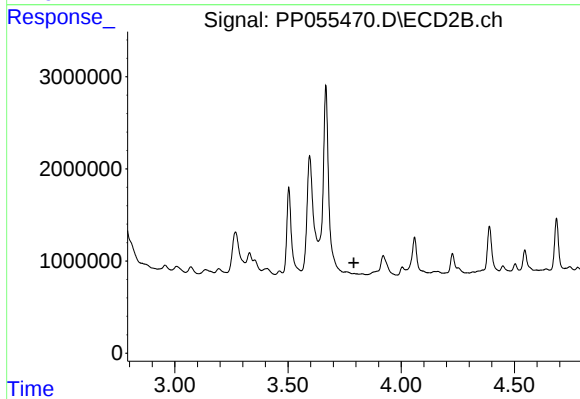
#7 AR-1016-5

R.T.: 5.122 min
Delta R.T.: 0.007 min
Response: 75220
Conc: 1.84 ng/ml



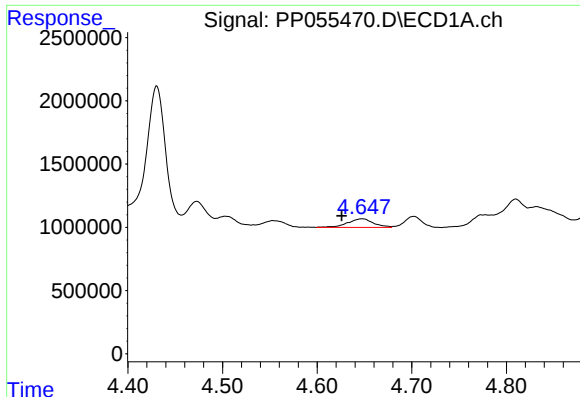
#8 AR-1221-1

R.T.: 4.553 min
Delta R.T.: 0.014 min
Response: 128986
Conc: 5.49 ng/ml



#8 AR-1221-1

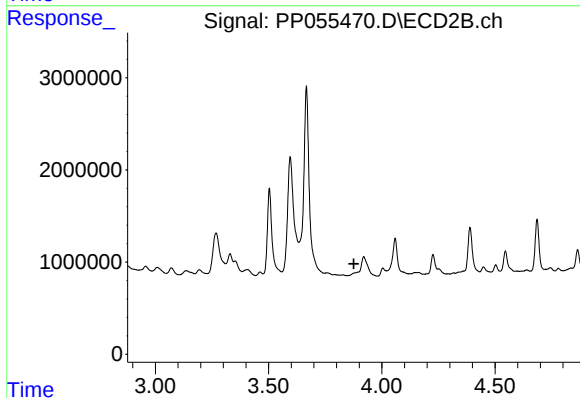
R.T.: 0.000 min
Exp R.T. : 3.791 min
Response: 0
Conc: N.D.



#9 AR-1221-2

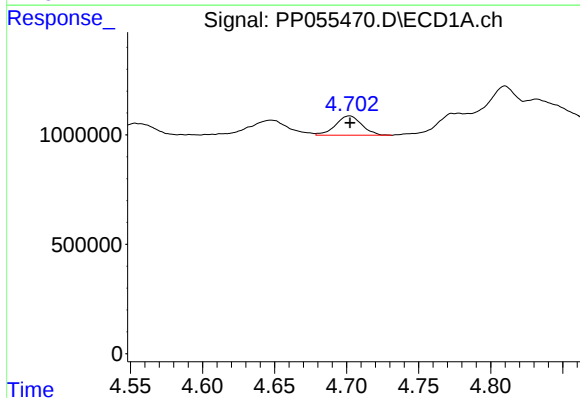
R.T.: 4.648 min
Delta R.T.: 0.022 min
Response: 1307226
Conc: 73.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



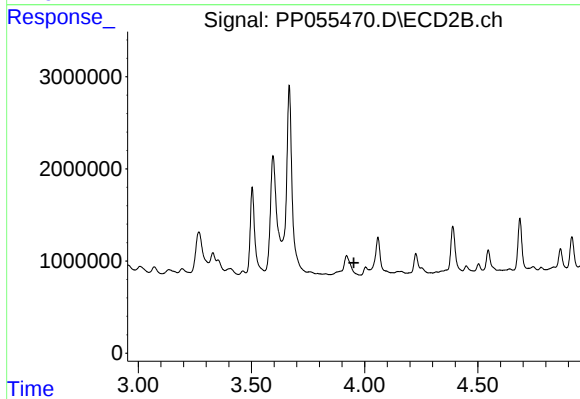
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.877 min
Response: 0
Conc: N.D.



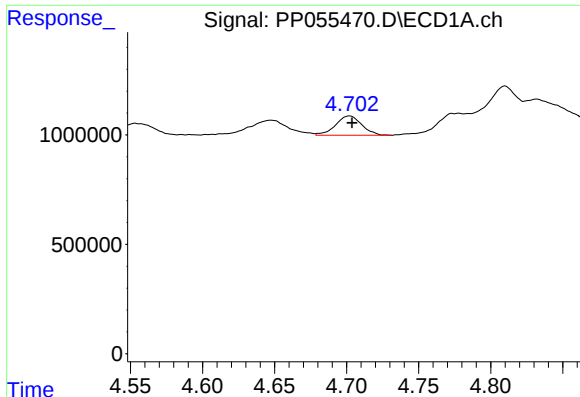
#10 AR-1221-3

R.T.: 4.702 min
Delta R.T.: 0.000 min
Response: 1117565
Conc: 20.77 ng/ml



#10 AR-1221-3

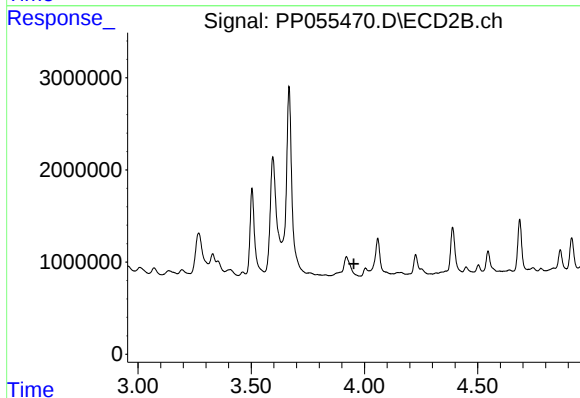
R.T.: 0.000 min
Exp R.T. : 3.952 min
Response: 0
Conc: N.D.



#11 AR-1232-1

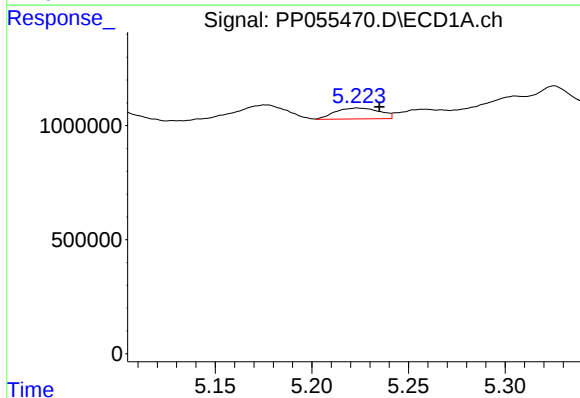
R.T.: 4.702 min
Delta R.T.: -0.002 min
Response: 1117565
Conc: 25.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



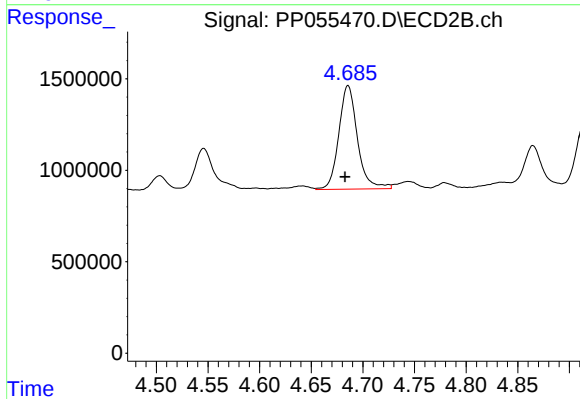
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.953 min
Response: 0
Conc: N.D.



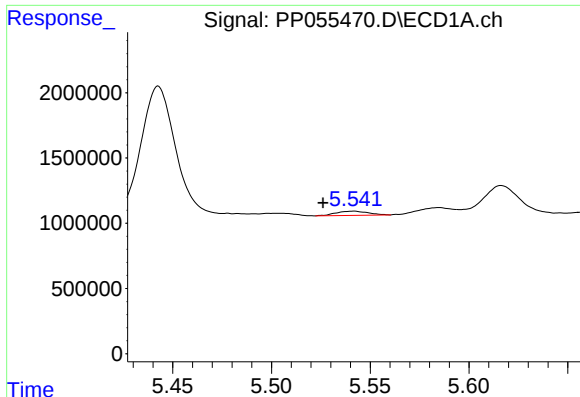
#12 AR-1232-2

R.T.: 5.224 min
Delta R.T.: -0.011 min
Response: 768801
Conc: 34.00 ng/ml



#12 AR-1232-2

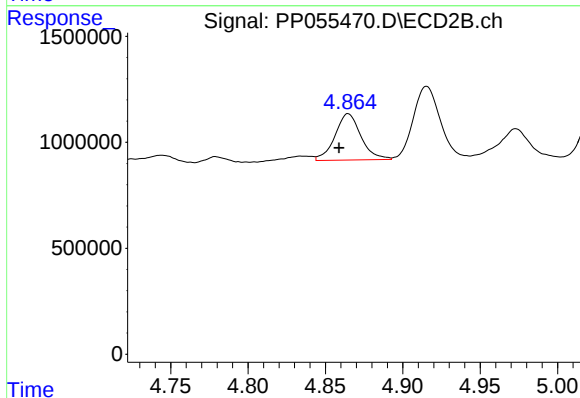
R.T.: 4.686 min
Delta R.T.: 0.003 min
Response: 7126255
Conc: 223.10 ng/ml



#13 AR-1232-3

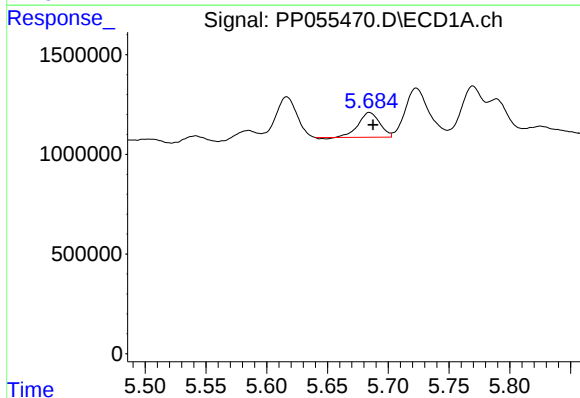
R.T.: 5.541 min
Delta R.T.: 0.015 min
Response: 362132
Conc: 8.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



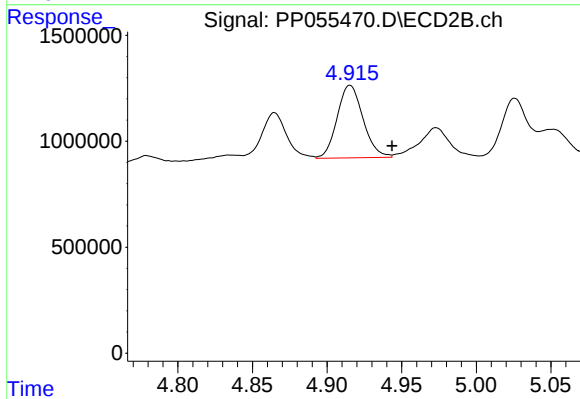
#13 AR-1232-3

R.T.: 4.865 min
Delta R.T.: 0.006 min
Response: 2564242
Conc: 153.81 ng/ml



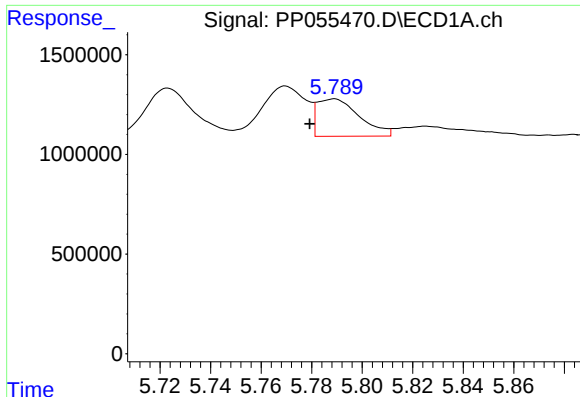
#14 AR-1232-4

R.T.: 5.685 min
Delta R.T.: -0.003 min
Response: 1501037
Conc: 67.82 ng/ml



#14 AR-1232-4

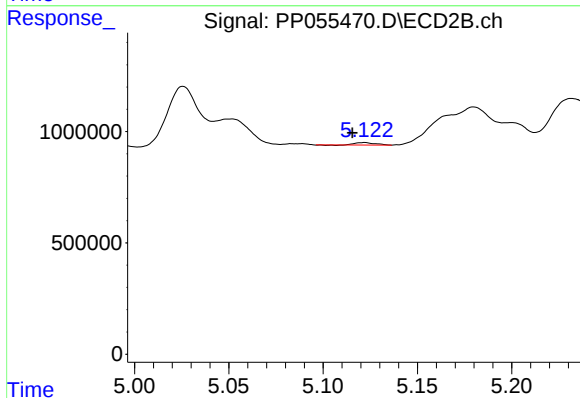
R.T.: 4.915 min
Delta R.T.: -0.028 min
Response: 4149597
Conc: 257.32 ng/ml



#15 AR-1232-5

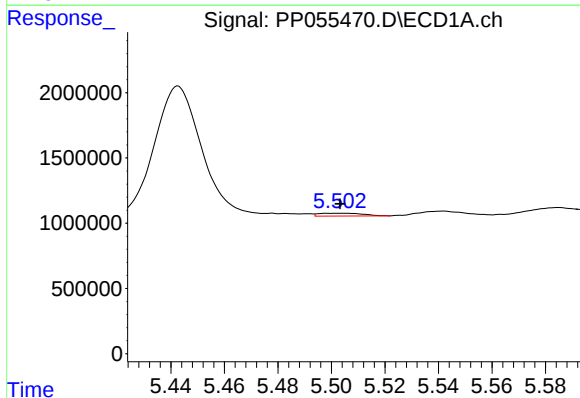
R.T.: 5.789 min
Delta R.T.: 0.010 min
Response: 2177015
Conc: 124.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



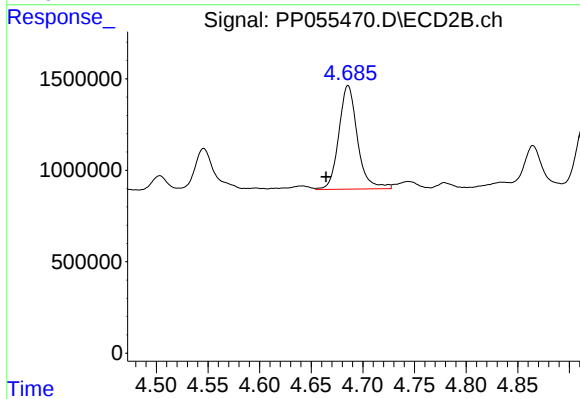
#15 AR-1232-5

R.T.: 5.122 min
Delta R.T.: 0.006 min
Response: 75220
Conc: 4.26 ng/ml



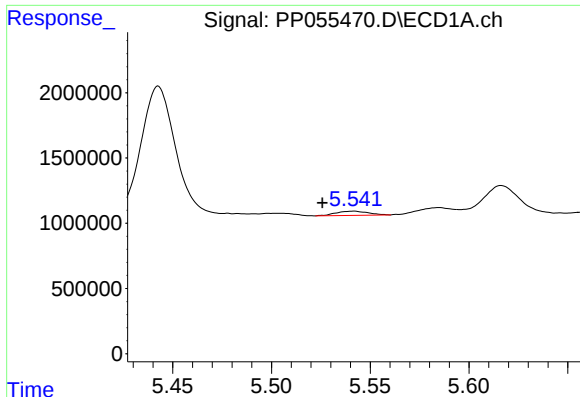
#16 AR-1242-1

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 251800
Conc: 4.50 ng/ml



#16 AR-1242-1

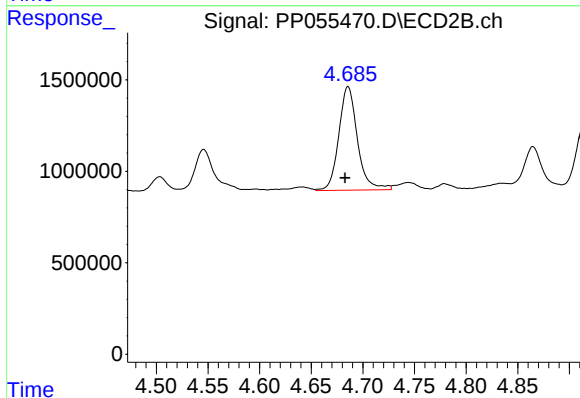
R.T.: 4.686 min
Delta R.T.: 0.021 min
Response: 7126255
Conc: 173.97 ng/ml



#17 AR-1242-2

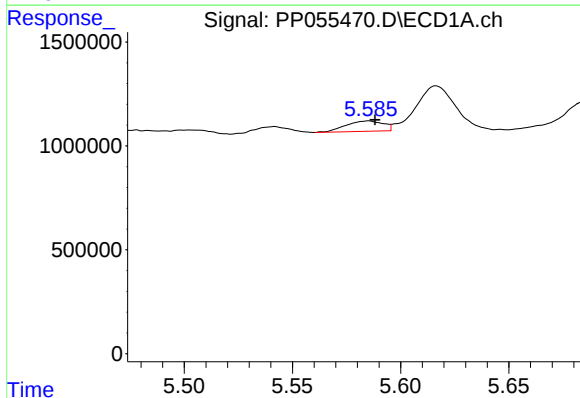
R.T.: 5.541 min
Delta R.T.: 0.016 min
Response: 362132
Conc: 4.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



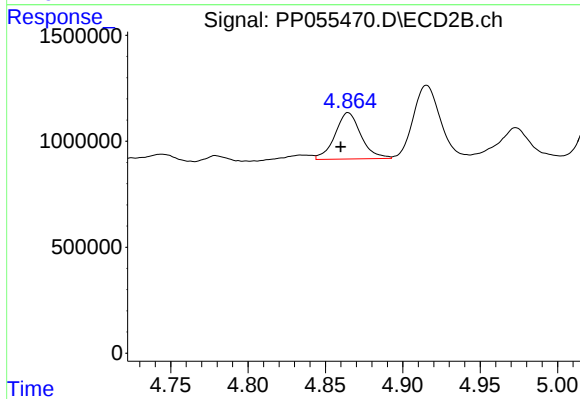
#17 AR-1242-2

R.T.: 4.686 min
Delta R.T.: 0.003 min
Response: 7126255
Conc: 124.80 ng/ml



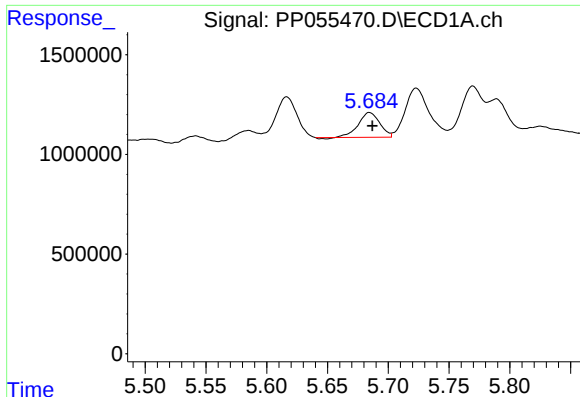
#18 AR-1242-3

R.T.: 5.585 min
Delta R.T.: -0.003 min
Response: 602840
Conc: 12.14 ng/ml



#18 AR-1242-3

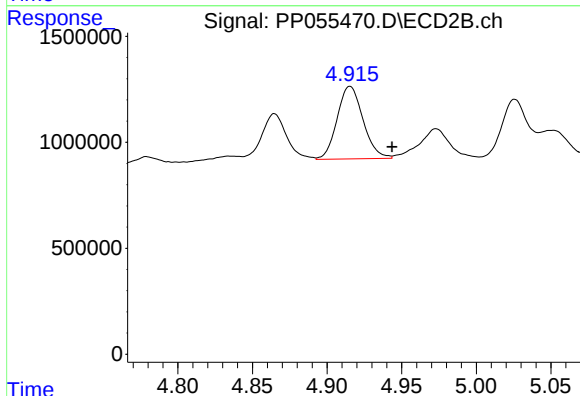
R.T.: 4.865 min
Delta R.T.: 0.005 min
Response: 2564242
Conc: 83.07 ng/ml



#19 AR-1242-4

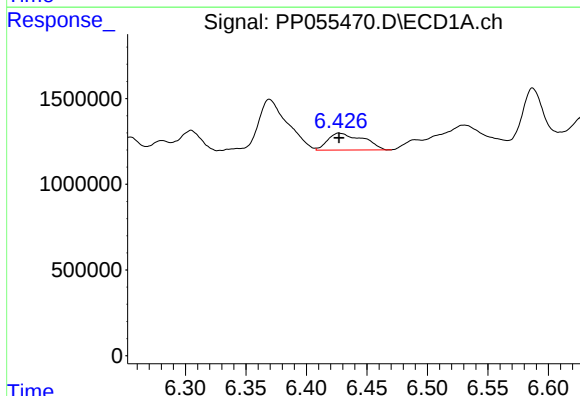
R.T.: 5.685 min
Delta R.T.: -0.002 min
Response: 1501037
Conc: 37.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



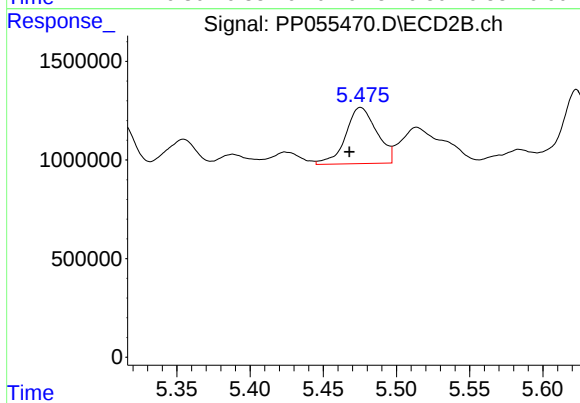
#19 AR-1242-4

R.T.: 4.915 min
Delta R.T.: -0.028 min
Response: 4149597
Conc: 127.73 ng/ml



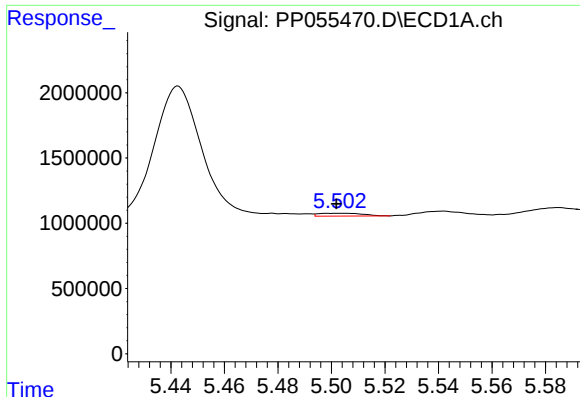
#20 AR-1242-5

R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 1983473
Conc: 44.61 ng/ml



#20 AR-1242-5

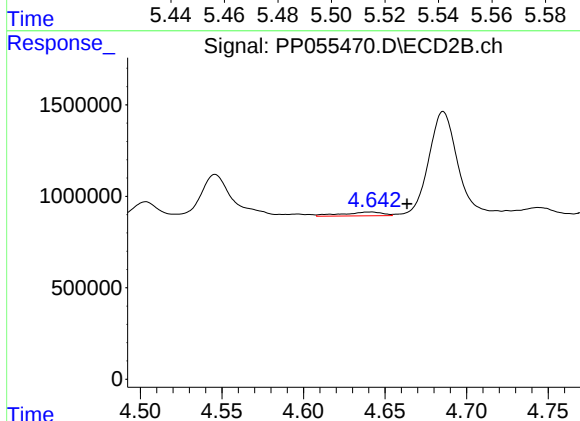
R.T.: 5.475 min
Delta R.T.: 0.008 min
Response: 4210035
Conc: 112.65 ng/ml



#21 AR-1248-1

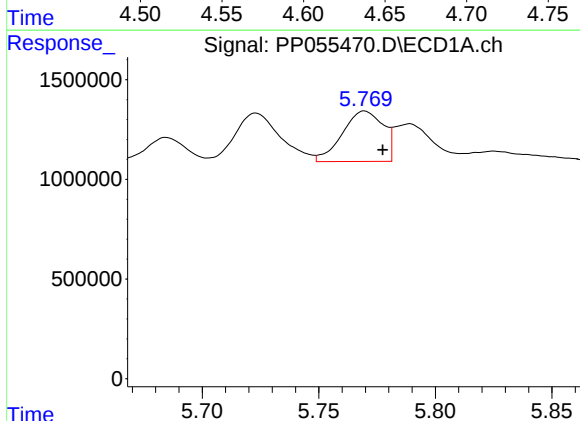
R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 251800
Conc: 6.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



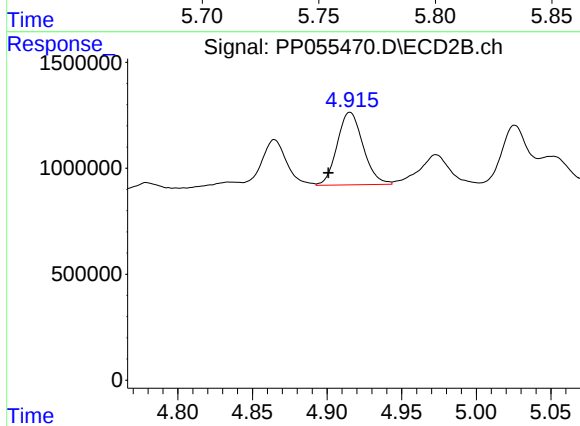
#21 AR-1248-1

R.T.: 4.641 min
Delta R.T.: -0.022 min
Response: 357381
Conc: 11.53 ng/ml



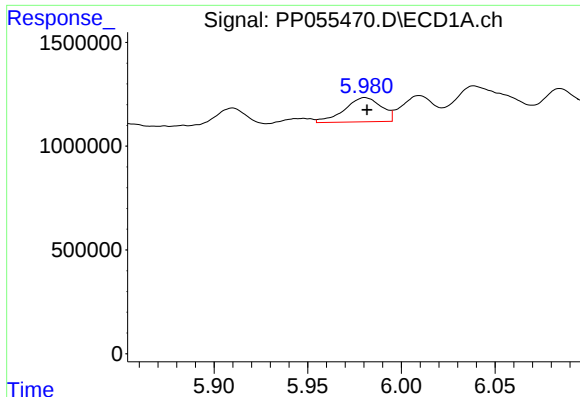
#22 AR-1248-2

R.T.: 5.770 min
Delta R.T.: -0.008 min
Response: 3086550
Conc: 48.55 ng/ml



#22 AR-1248-2

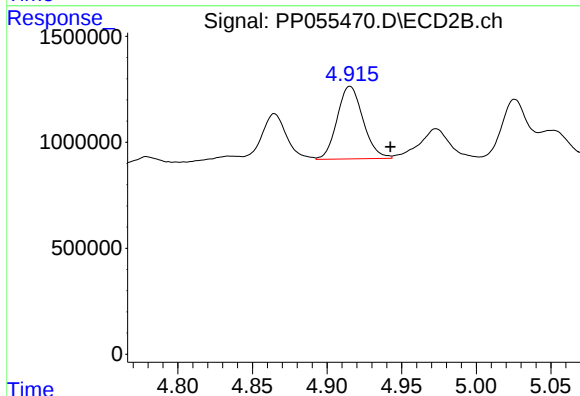
R.T.: 4.915 min
Delta R.T.: 0.015 min
Response: 4149597
Conc: 90.75 ng/ml



#23 AR-1248-3

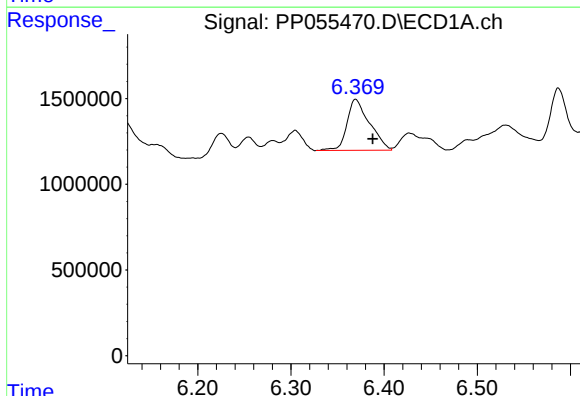
R.T.: 5.981 min
Delta R.T.: -0.001 min
Response: 1599570
Conc: 23.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



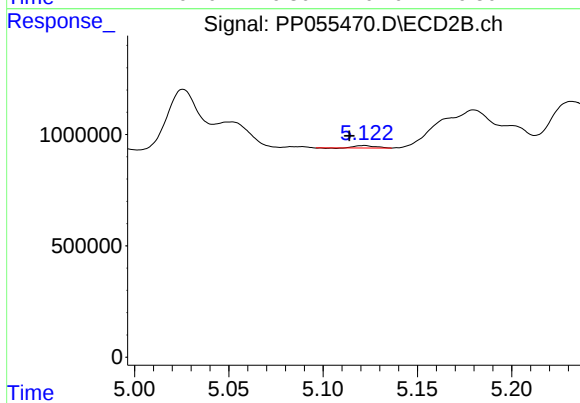
#23 AR-1248-3

R.T.: 4.915 min
Delta R.T.: -0.027 min
Response: 4149597
Conc: 87.04 ng/ml



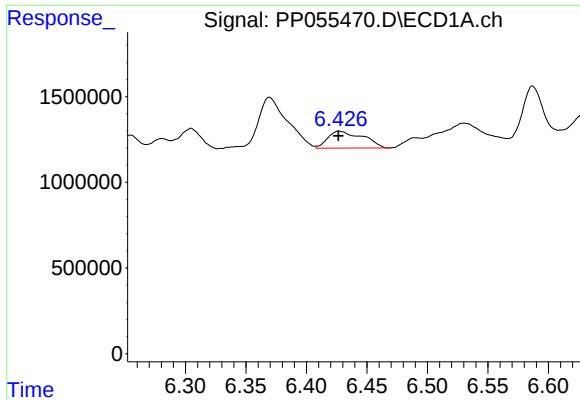
#24 AR-1248-4

R.T.: 6.369 min
Delta R.T.: -0.018 min
Response: 5002502
Conc: 65.97 ng/ml



#24 AR-1248-4

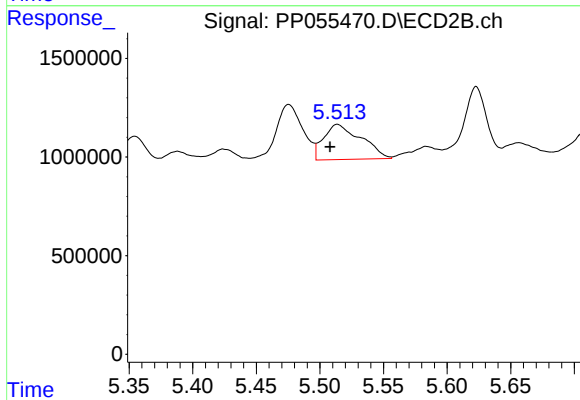
R.T.: 5.122 min
Delta R.T.: 0.008 min
Response: 75220
Conc: 1.36 ng/ml



#25 AR-1248-5

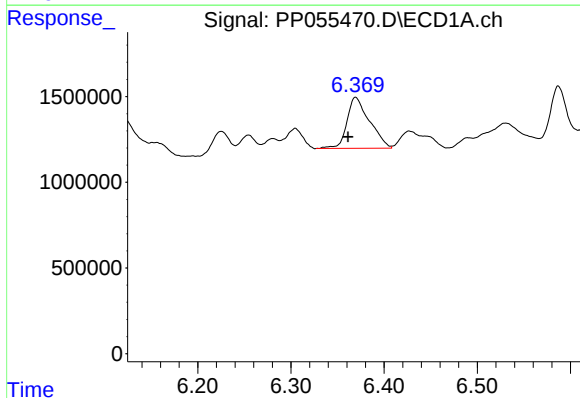
R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 1983473
Conc: 26.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



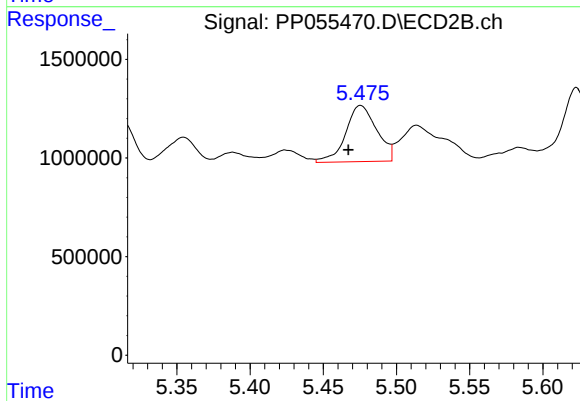
#25 AR-1248-5

R.T.: 5.514 min
Delta R.T.: 0.006 min
Response: 3675311
Conc: 74.75 ng/ml



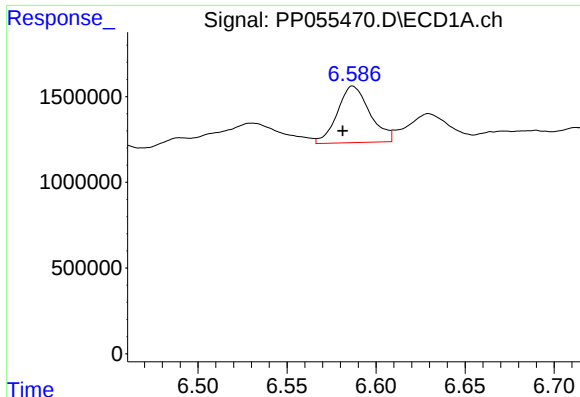
#26 AR-1254-1

R.T.: 6.369 min
Delta R.T.: 0.008 min
Response: 5002502
Conc: 63.41 ng/ml



#26 AR-1254-1

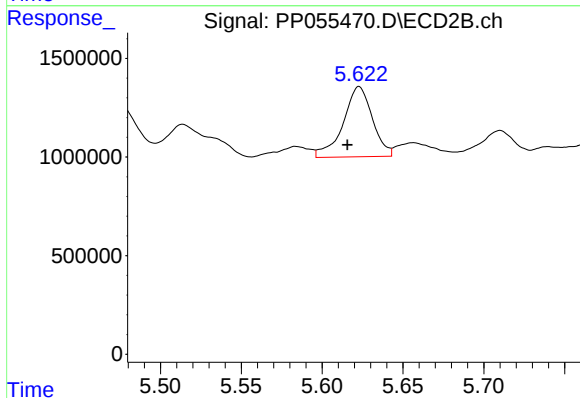
R.T.: 5.475 min
Delta R.T.: 0.008 min
Response: 4210035
Conc: 52.13 ng/ml



#27 AR-1254-2

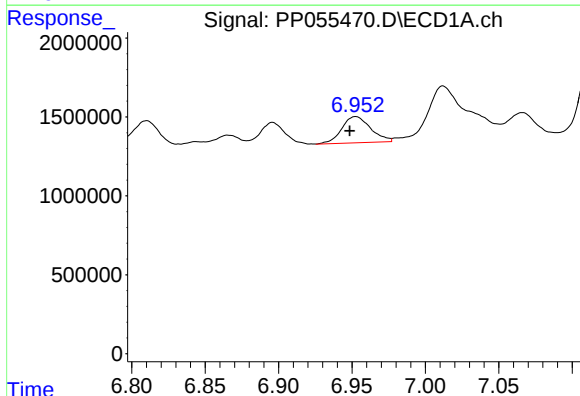
R.T.: 6.587 min
Delta R.T.: 0.006 min
Response: 4188219
Conc: 34.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



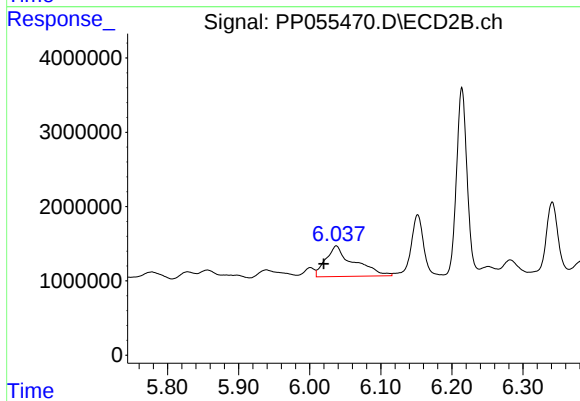
#27 AR-1254-2

R.T.: 5.623 min
Delta R.T.: 0.007 min
Response: 4482613
Conc: 62.64 ng/ml



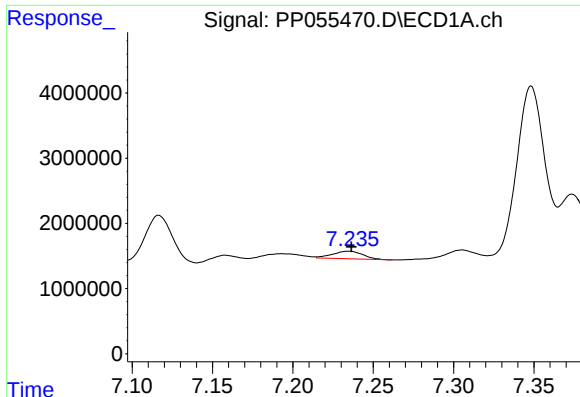
#28 AR-1254-3

R.T.: 6.953 min
Delta R.T.: 0.004 min
Response: 2281175
Conc: 18.62 ng/ml



#28 AR-1254-3

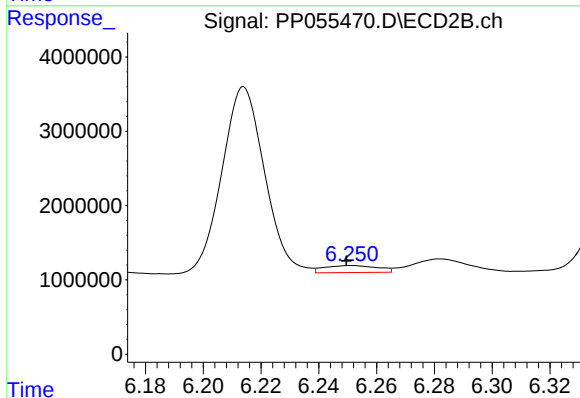
R.T.: 6.037 min
Delta R.T.: 0.018 min
Response: 11343840
Conc: 101.82 ng/ml



#29 AR-1254-4

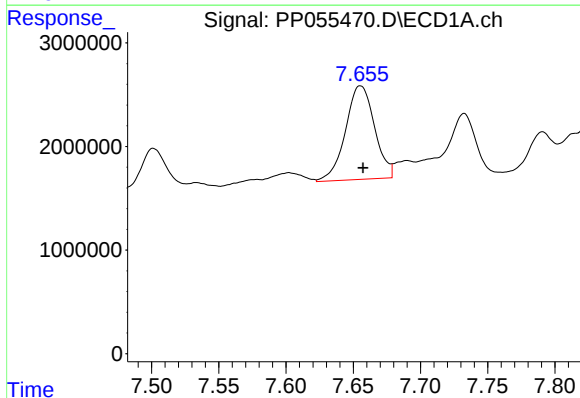
R.T.: 7.235 min
Delta R.T.: -0.002 min
Response: 1526954
Conc: 17.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



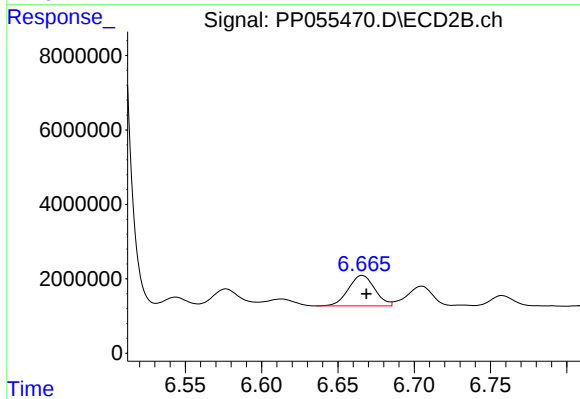
#29 AR-1254-4

R.T.: 6.251 min
Delta R.T.: 0.002 min
Response: 1215702
Conc: 19.77 ng/ml



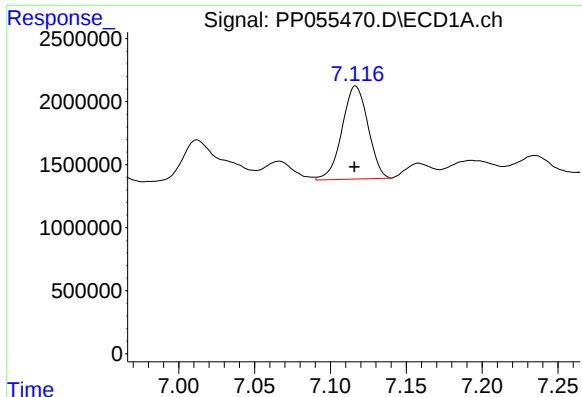
#30 AR-1254-5

R.T.: 7.655 min
Delta R.T.: -0.002 min
Response: 13596283
Conc: 134.40 ng/ml



#30 AR-1254-5

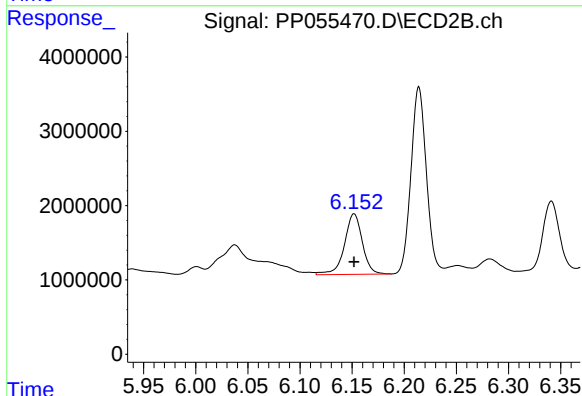
R.T.: 6.666 min
Delta R.T.: -0.003 min
Response: 9908691
Conc: 104.52 ng/ml



#31 AR-1260-1

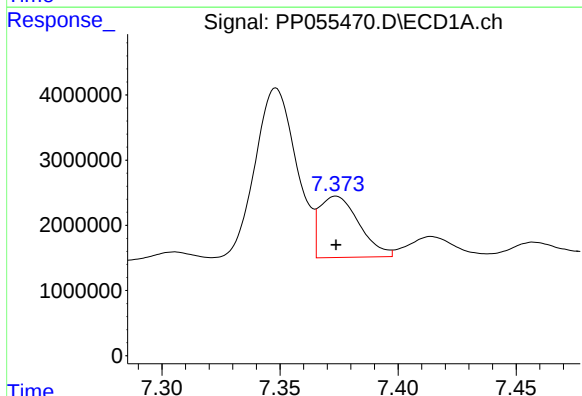
R.T.: 7.117 min
Delta R.T.: 0.000 min
Response: 8782604
Conc: 92.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



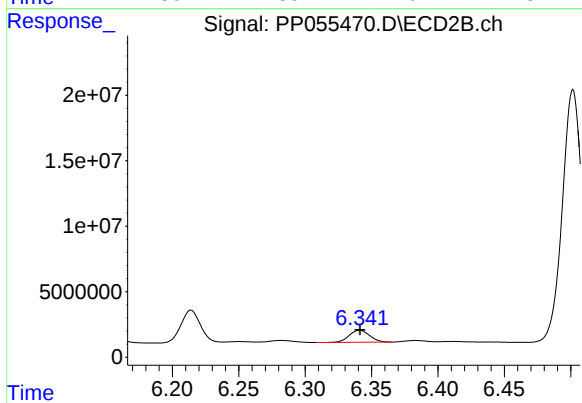
#31 AR-1260-1

R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 9746214
Conc: 125.69 ng/ml



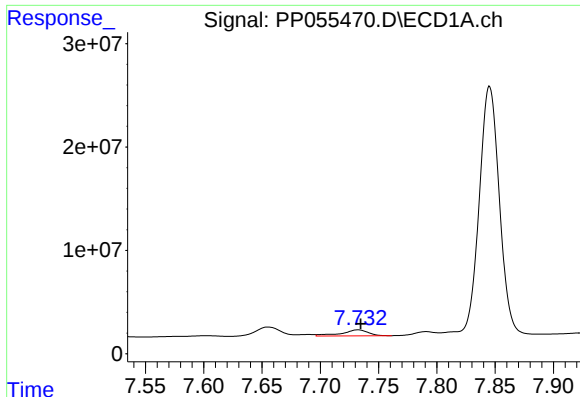
#32 AR-1260-2

R.T.: 7.374 min
Delta R.T.: 0.000 min
Response: 10959031
Conc: 97.37 ng/ml



#32 AR-1260-2

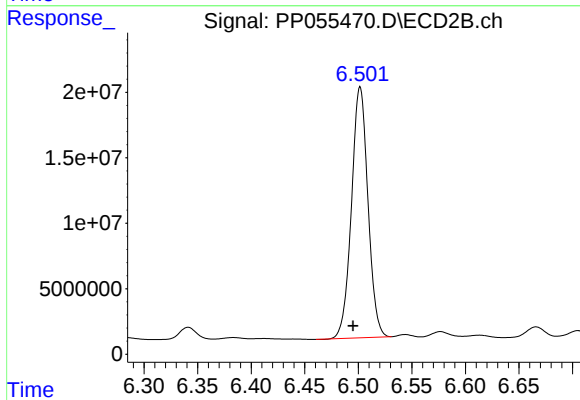
R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 9846401
Conc: 109.53 ng/ml



#33 AR-1260-3

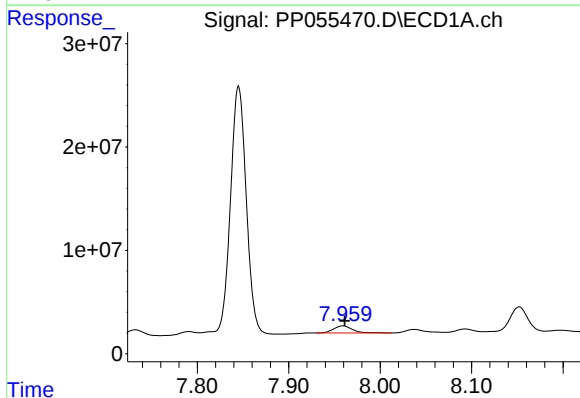
R.T.: 7.732 min
Delta R.T.: -0.002 min
Response: 9307477
Conc: 115.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



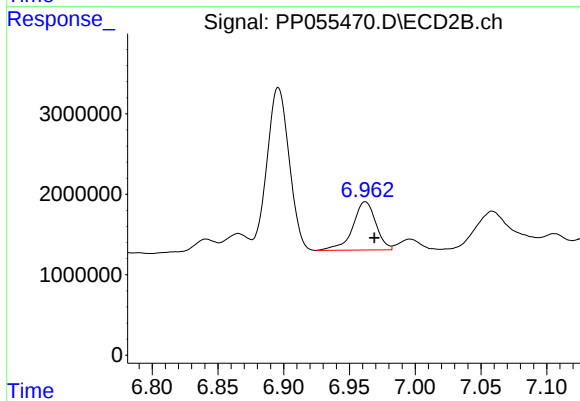
#33 AR-1260-3

R.T.: 6.502 min
Delta R.T.: 0.007 min
Response: 205093901
Conc: 2415.41 ng/ml



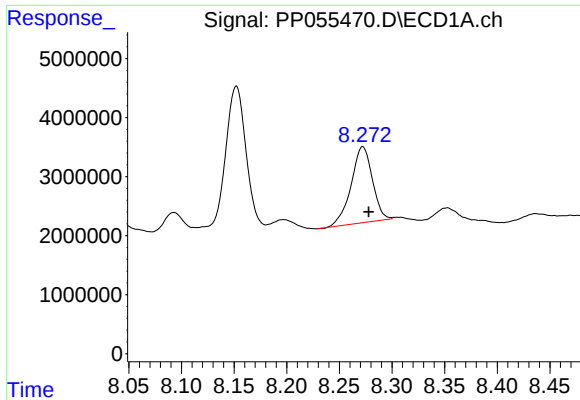
#34 AR-1260-4

R.T.: 7.959 min
Delta R.T.: -0.002 min
Response: 9966199
Conc: 102.66 ng/ml



#34 AR-1260-4

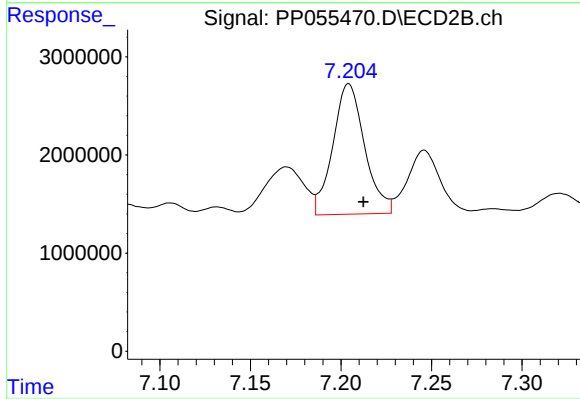
R.T.: 6.962 min
Delta R.T.: -0.007 min
Response: 7336443
Conc: 102.46 ng/ml



#35 AR-1260-5

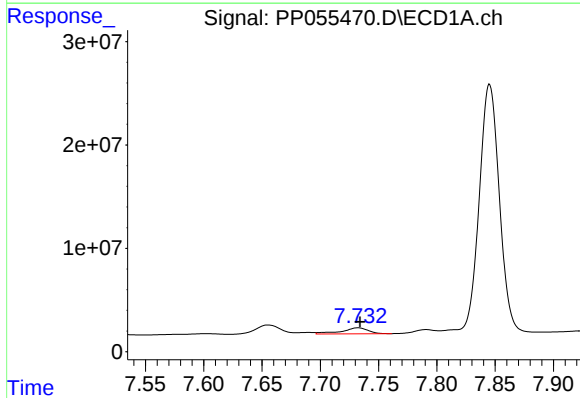
R.T.: 8.272 min
Delta R.T.: -0.006 min
Response: 18067983
Conc: 101.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



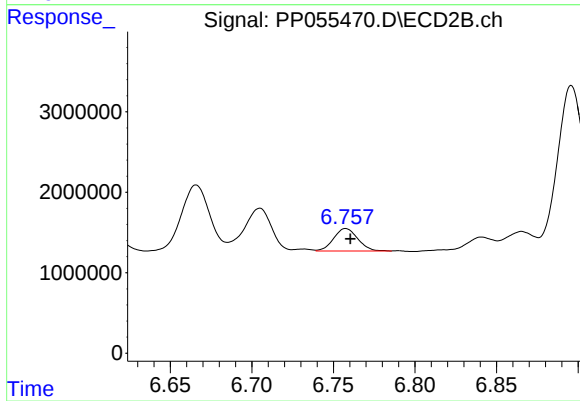
#35 AR-1260-5

R.T.: 7.204 min
Delta R.T.: -0.008 min
Response: 16259688
Conc: 105.76 ng/ml



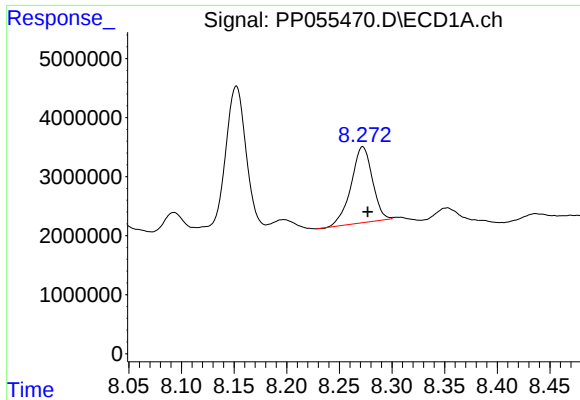
#36 AR-1262-1

R.T.: 7.732 min
Delta R.T.: -0.002 min
Response: 9307477
Conc: 78.89 ng/ml



#36 AR-1262-1

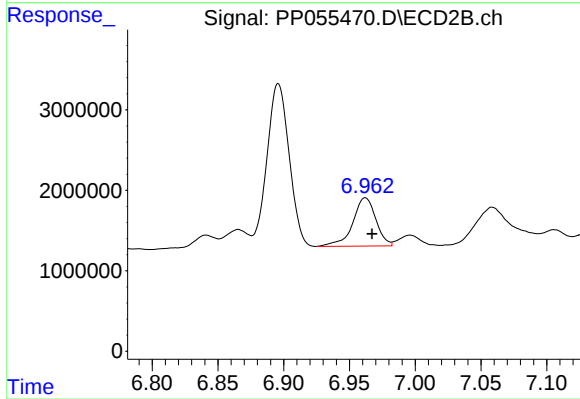
R.T.: 6.758 min
Delta R.T.: -0.003 min
Response: 2860703
Conc: 66.59 ng/ml



#37 AR-1262-2

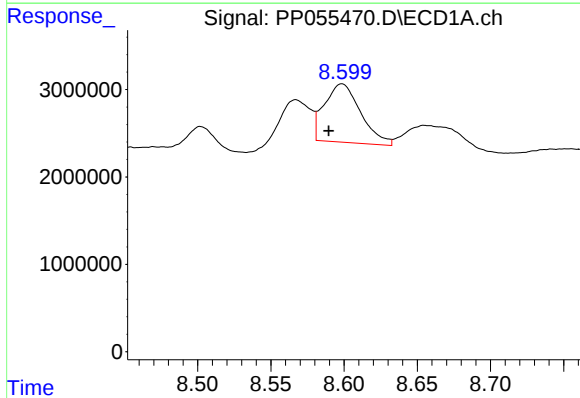
R.T.: 8.272 min
Delta R.T.: -0.005 min
Response: 18067983
Conc: 89.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



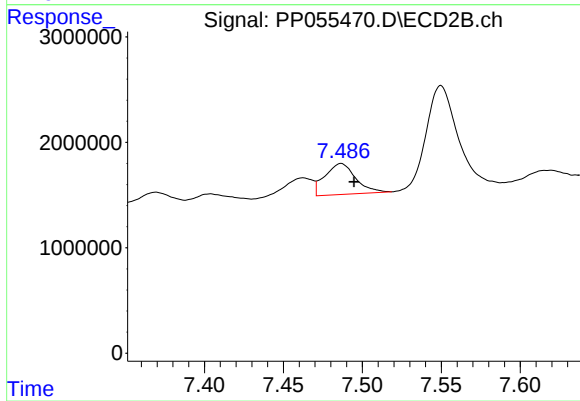
#37 AR-1262-2

R.T.: 6.962 min
Delta R.T.: -0.005 min
Response: 7336443
Conc: 79.21 ng/ml



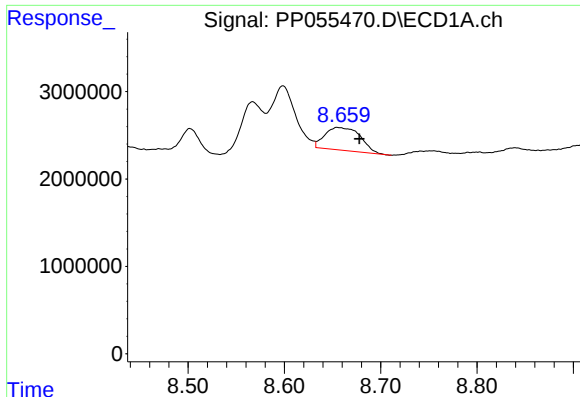
#38 AR-1262-3

R.T.: 8.599 min
Delta R.T.: 0.009 min
Response: 11520157
Conc: 82.84 ng/ml



#38 AR-1262-3

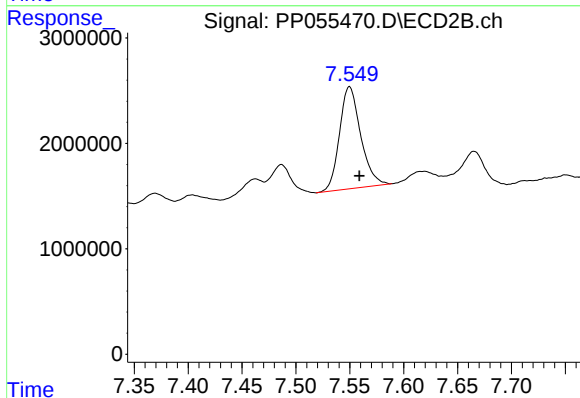
R.T.: 7.487 min
Delta R.T.: -0.008 min
Response: 3980304
Conc: 54.63 ng/ml



#39 AR-1262-4

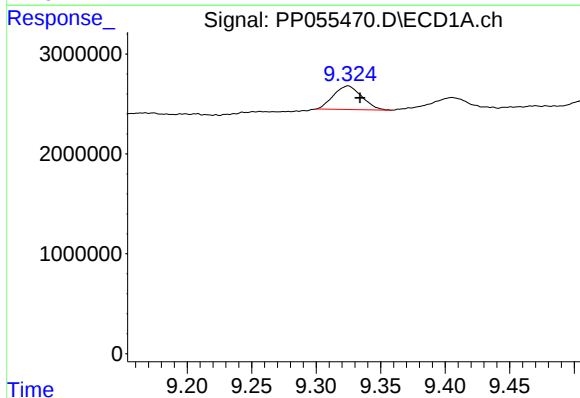
R.T.: 8.655 min
Delta R.T.: -0.023 min
Response: 6629499
Conc: 86.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



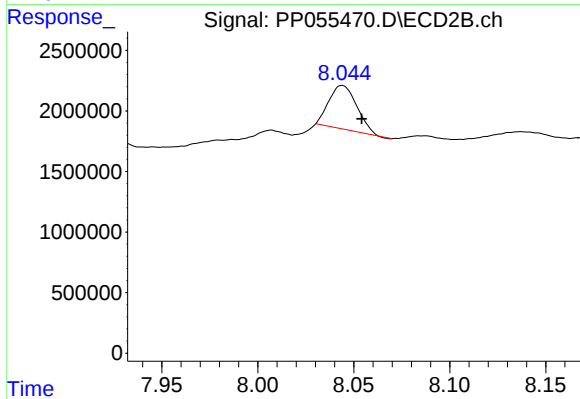
#39 AR-1262-4

R.T.: 7.550 min
Delta R.T.: -0.009 min
Response: 13239913
Conc: 101.24 ng/ml



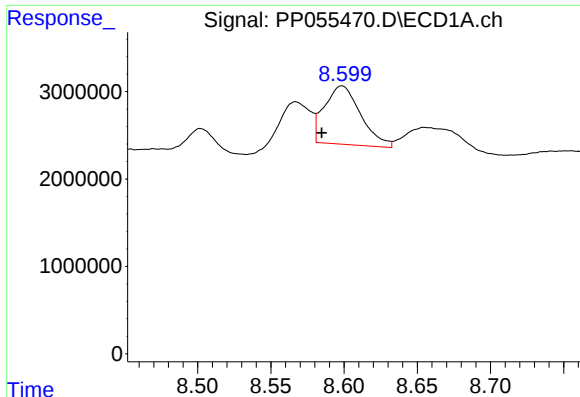
#40 AR-1262-5

R.T.: 9.325 min
Delta R.T.: -0.009 min
Response: 3607944
Conc: 50.45 ng/ml



#40 AR-1262-5

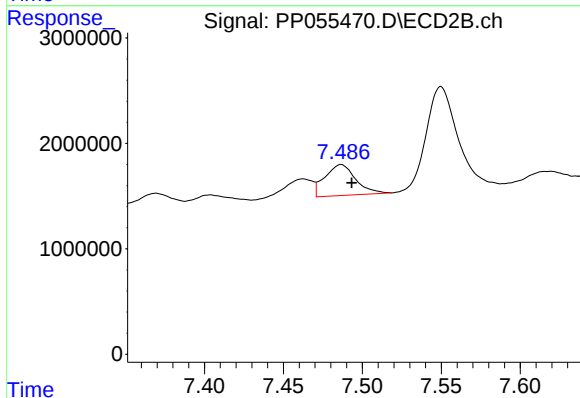
R.T.: 8.044 min
Delta R.T.: -0.010 min
Response: 3639808
Conc: 61.35 ng/ml



#41 AR-1268-1

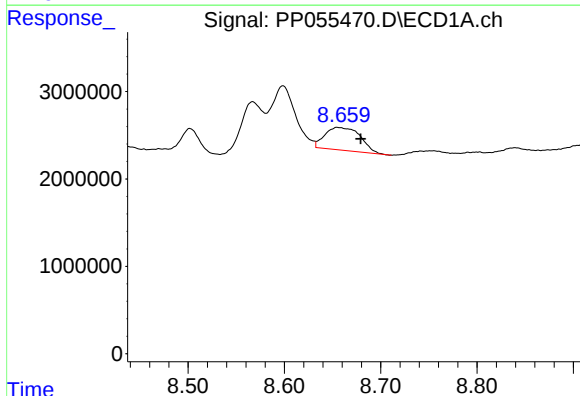
R.T.: 8.599 min
Delta R.T.: 0.014 min
Response: 11520157
Conc: 47.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



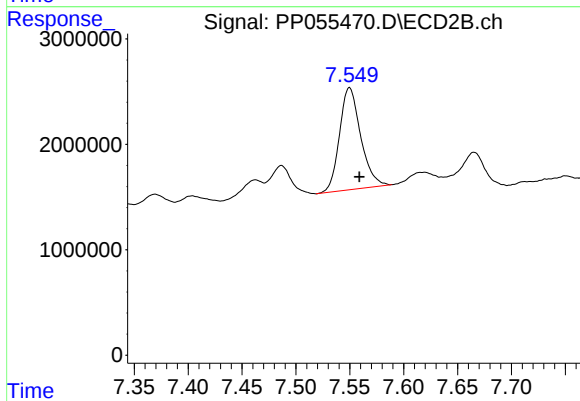
#41 AR-1268-1

R.T.: 7.487 min
Delta R.T.: -0.007 min
Response: 3980304
Conc: 18.41 ng/ml



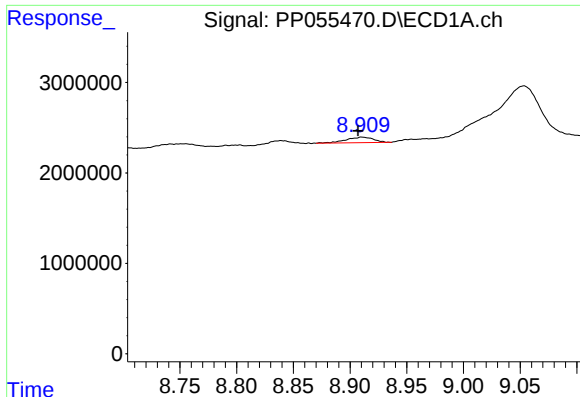
#42 AR-1268-2

R.T.: 8.655 min
Delta R.T.: -0.024 min
Response: 6629499
Conc: 29.19 ng/ml



#42 AR-1268-2

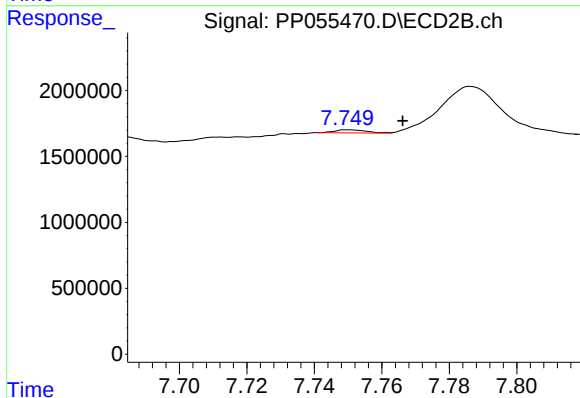
R.T.: 7.550 min
Delta R.T.: -0.009 min
Response: 13239913
Conc: 67.85 ng/ml



#43 AR-1268-3

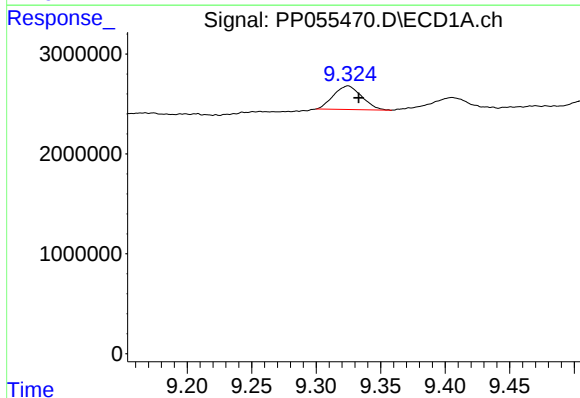
R.T.: 8.911 min
Delta R.T.: 0.003 min
Response: 1034328
Conc: 5.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



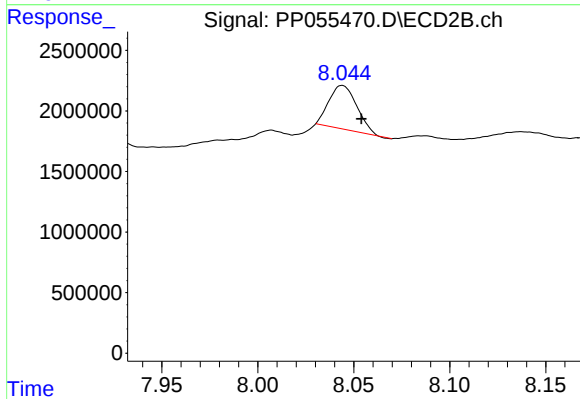
#43 AR-1268-3

R.T.: 7.750 min
Delta R.T.: -0.016 min
Response: 148587
Conc: 0.87 ng/ml



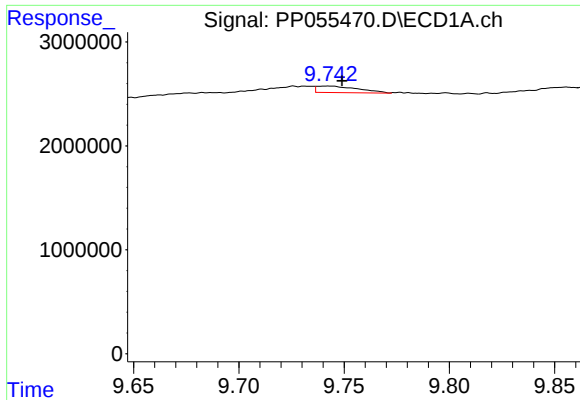
#44 AR-1268-4

R.T.: 9.325 min
Delta R.T.: -0.008 min
Response: 3607944
Conc: 45.93 ng/ml



#44 AR-1268-4

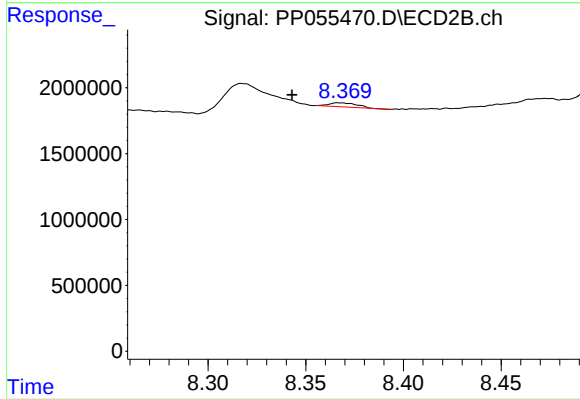
R.T.: 8.044 min
Delta R.T.: -0.010 min
Response: 3639808
Conc: 57.07 ng/ml



#45 AR-1268-5

R.T.: 9.743 min
Delta R.T.: -0.006 min
Response: 848389
Conc: 1.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.367 min
Delta R.T.: 0.024 min
Response: 303030
Conc: 0.58 ng/ml