

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081122\
 Data File : PP050466.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2022 14:12
 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 23:06:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080622.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 09 11:38:04 2022
 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...	4.347	3.593	80851444	161.6E6	50.229	51.603
2)	SA Decachlor...	10.098	8.558	84263436	76707349	47.853	49.840
Target Compounds							
3)	L1 AR-1016-1	5.524	4.664	19161748	31356735	306.024	308.492
4)	L1 AR-1016-2	5.547	4.683	22271092	32409378	251.498	224.065
5)	L1 AR-1016-3	5.608	4.859	10477960	20657418	191.717	272.227 #
6)	L1 AR-1016-4	5.707	4.899	12691646	40697785	275.223	698.483 #
7)	L1 AR-1016-5	6.003	5.111	30447268	49156739	681.452	643.363
8)	L2 AR-1221-1	0.000	3.800	0	432884	N.D.	11.325 #
9)	L2 AR-1221-2	4.654	3.888	1423755	2544024	95.879	89.090
10)	L2 AR-1221-3	4.723	3.962	1520776	2809848	33.801	32.821
11)	L3 AR-1232-1	4.723	3.962	1520776	2809848	40.682	40.250
12)	L3 AR-1232-2	5.254	4.683	7409388	32409378	409.116	504.106
13)	L3 AR-1232-3	5.547	4.859	22271092	20657418	565.607	615.901
14)	L3 AR-1232-4	5.707	4.940	12691646	42164082	627.278	1431.237 #
15)	L3 AR-1232-5	5.796	5.111	26863779	49156739	1718.334	1492.738
16)	L4 AR-1242-1	5.524	4.664	19161748	31356735	378.079	378.249
17)	L4 AR-1242-2	5.547	4.683	22271092	32409378	308.295	277.526
18)	L4 AR-1242-3	5.608	4.859	10477960	20657418	236.933	336.876 #
19)	L4 AR-1242-4	5.707	4.940	12691646	42164082	340.585	720.266 #
20)	L4 AR-1242-5	6.448	5.460	35376726	66367209	838.283	954.789
21)	L5 AR-1248-1	5.524	4.664	19161748	31356735	474.567	469.170
22)	L5 AR-1248-2	5.796	4.899	26863779	40697785	480.858	471.125
23)	L5 AR-1248-3	6.003	4.940	30447268	42164082	475.965	465.104
24)	L5 AR-1248-4	6.409	5.111	36917452	49156739	466.700	466.389
25)	L5 AR-1248-5	6.448	5.501	35376726	46646937	466.010	469.811
26)	L6 AR-1254-1	6.381	5.460	28128128	66367209	380.186	466.976
27)	L6 AR-1254-2	6.606	5.607	35981059	19404884	309.723	163.968 #
28)	L6 AR-1254-3	6.970	6.009	18902511	26548138	152.545	154.286
29)	L6 AR-1254-4	7.257	6.237	14217309	19259095	145.305	182.537 #
30)	L6 AR-1254-5	7.678	6.652	2626548	5149624	26.180	38.674 #
31)	L7 AR-1260-1	7.132	6.128	2173834	4166545	23.802	36.769 #
32)	L7 AR-1260-2	7.386	6.324	3196144	2331335	27.975	17.354 #
33)	L7 AR-1260-3	0.000	6.477	0	2778352	N.D.	23.064 #
34)	L7 AR-1260-4	7.970	6.947	2058792	321525	21.629	3.627 #
35)	L7 AR-1260-5	0.000	7.188	0	557905	N.D.	2.862 #
37)	L8 AR-1262-2	0.000	6.947	0	321525	N.D.	2.959 #
38)	L8 AR-1262-3	0.000	7.471	0	280484	N.D.	3.865 #
39)	L8 AR-1262-4	0.000	7.532	0	746133	N.D.	5.412 #
40)	L8 AR-1262-5	0.000	8.032	0	92280	N.D.	1.433 #
41)	L9 AR-1268-1	0.000	7.471	0	280484	N.D.	1.276 #
42)	L9 AR-1268-2	0.000	7.532	0	746133	N.D.	3.746 #

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 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
44) L9	AR-1268-4	0.000	8.032	0	92280	N.D.	1.299 #
45) L9	AR-1268-5	9.785f	8.312	3037760	512352	4.555	0.931 #

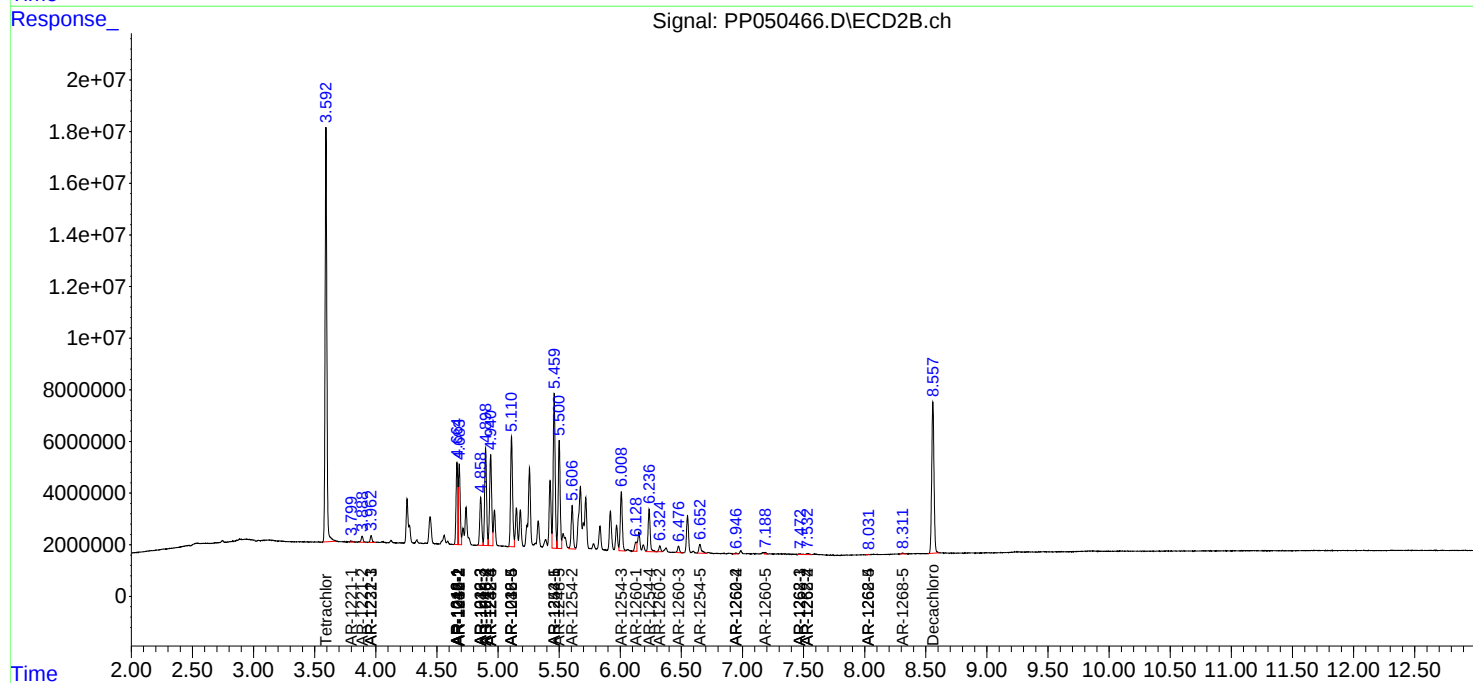
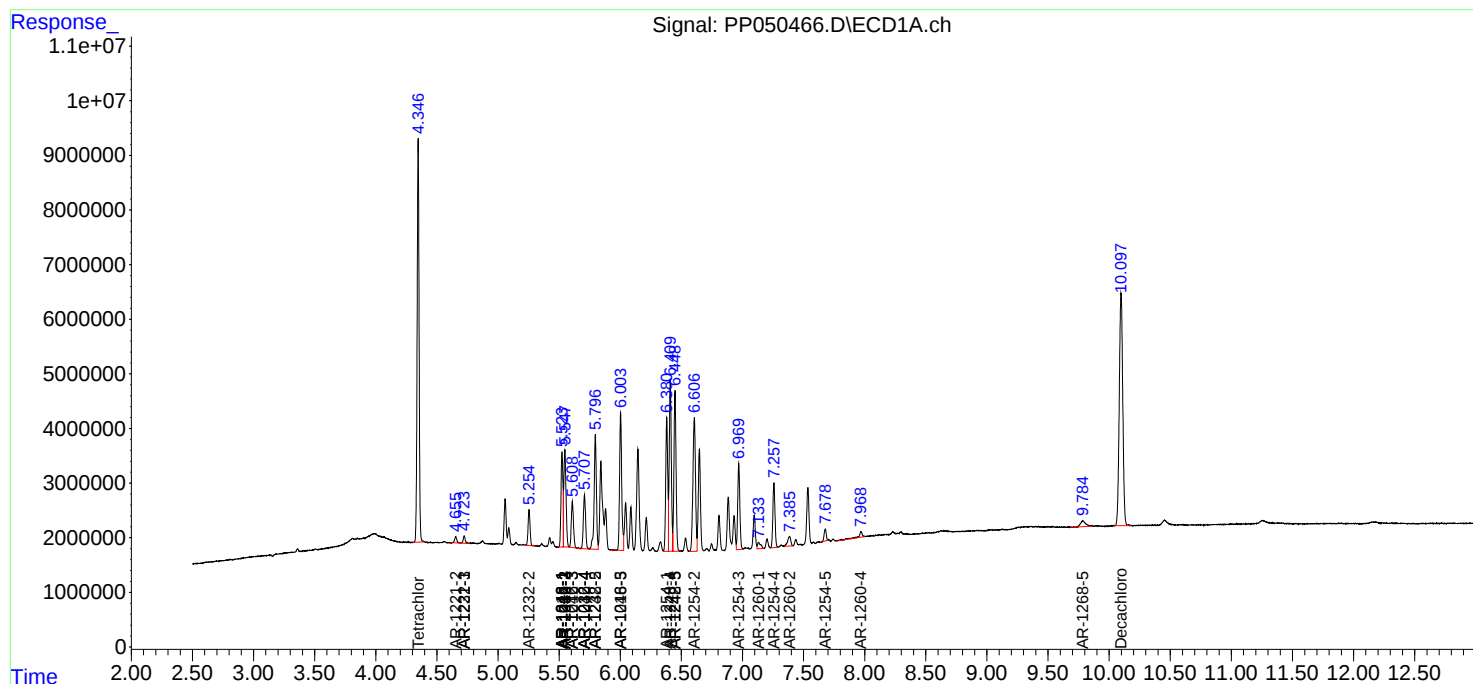
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

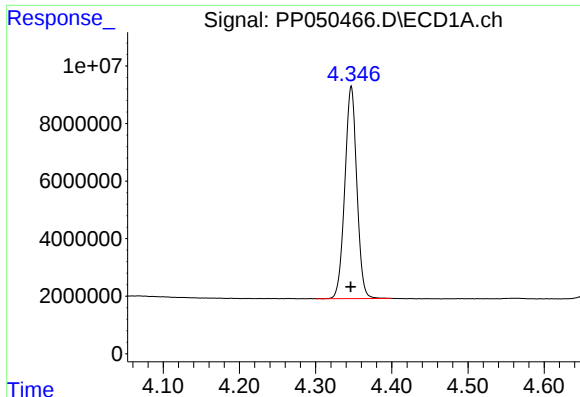
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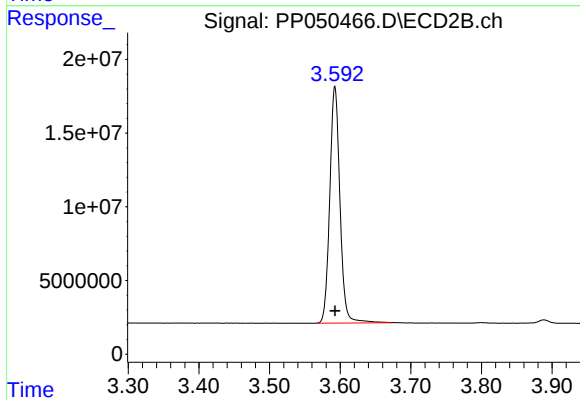




#1 Tetrachloro-m-xylene

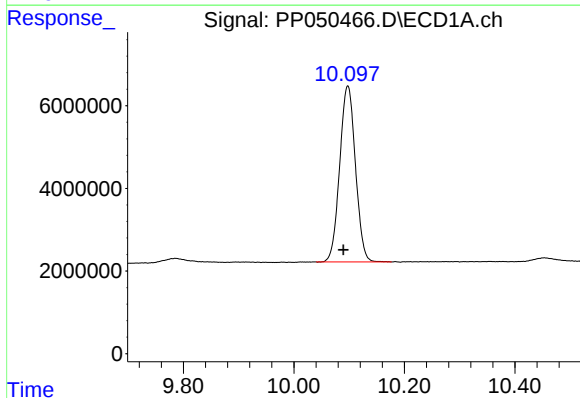
R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 80851444
Conc: 50.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



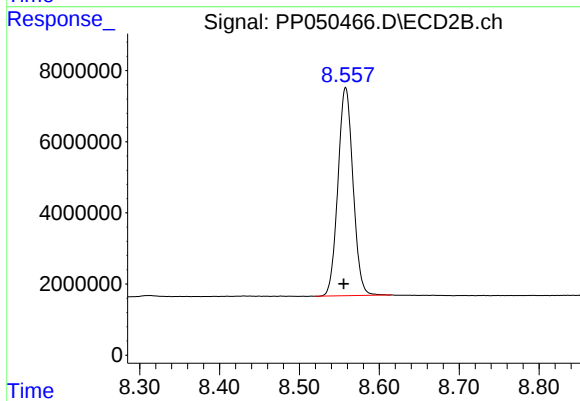
#1 Tetrachloro-m-xylene

R.T.: 3.593 min
Delta R.T.: 0.000 min
Response: 161630671
Conc: 51.60 ng/ml



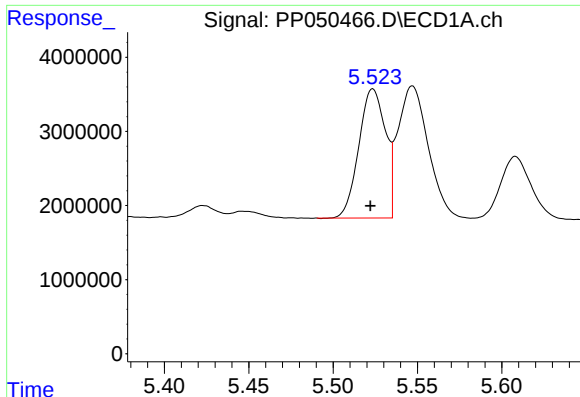
#2 Decachlorobiphenyl

R.T.: 10.098 min
Delta R.T.: 0.008 min
Response: 84263436
Conc: 47.85 ng/ml



#2 Decachlorobiphenyl

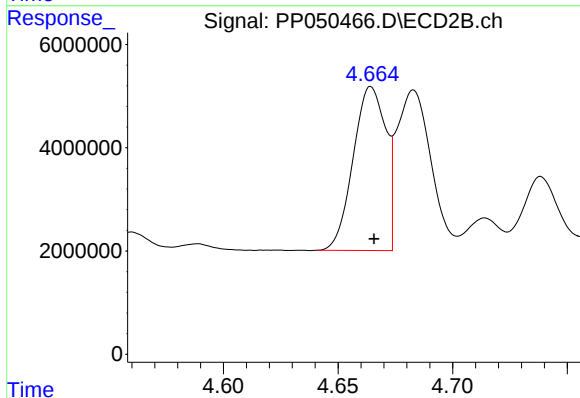
R.T.: 8.558 min
Delta R.T.: 0.003 min
Response: 76707349
Conc: 49.84 ng/ml



#3 AR-1016-1

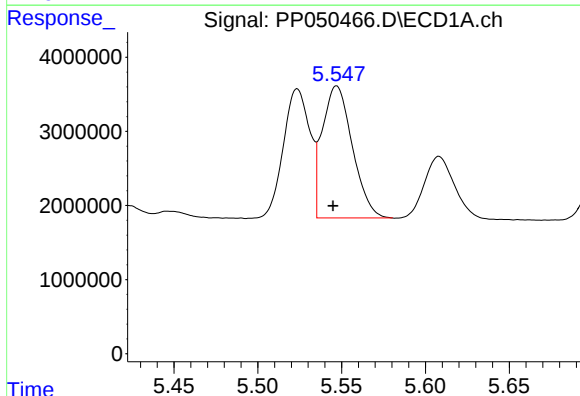
R.T.: 5.524 min
Delta R.T.: 0.001 min
Response: 19161748
Conc: 306.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



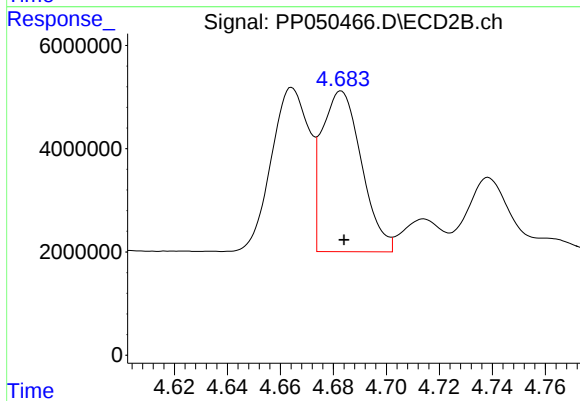
#3 AR-1016-1

R.T.: 4.664 min
Delta R.T.: -0.001 min
Response: 31356735
Conc: 308.49 ng/ml



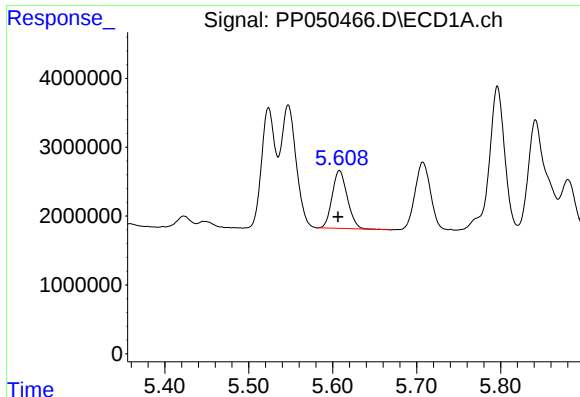
#4 AR-1016-2

R.T.: 5.547 min
Delta R.T.: 0.002 min
Response: 22271092
Conc: 251.50 ng/ml



#4 AR-1016-2

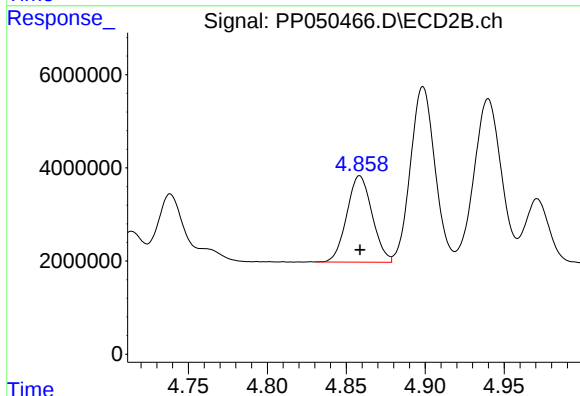
R.T.: 4.683 min
Delta R.T.: -0.001 min
Response: 32409378
Conc: 224.07 ng/ml



#5 AR-1016-3

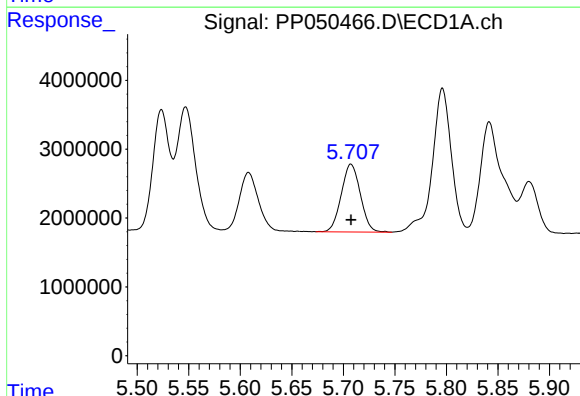
R.T.: 5.608 min
Delta R.T.: 0.002 min
Response: 10477960
Conc: 191.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



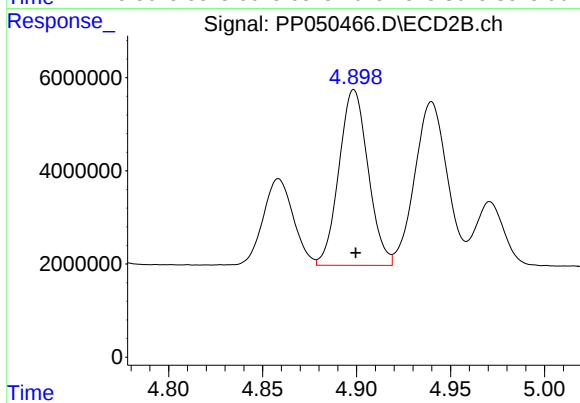
#5 AR-1016-3

R.T.: 4.859 min
Delta R.T.: 0.000 min
Response: 20657418
Conc: 272.23 ng/ml



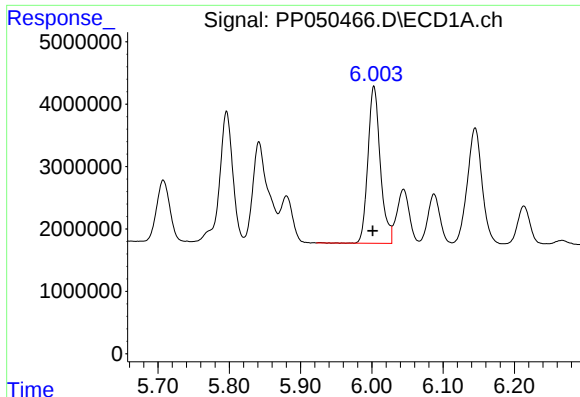
#6 AR-1016-4

R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 12691646
Conc: 275.22 ng/ml



#6 AR-1016-4

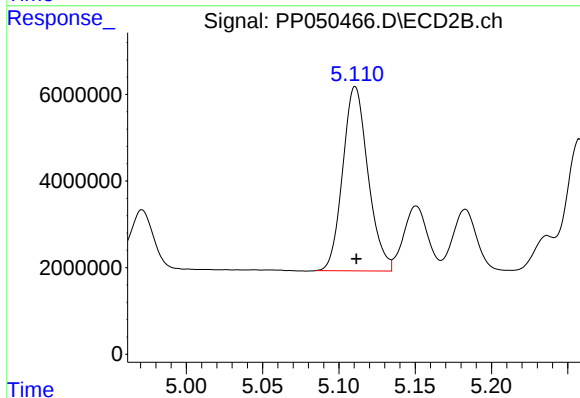
R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 40697785
Conc: 698.48 ng/ml



#7 AR-1016-5

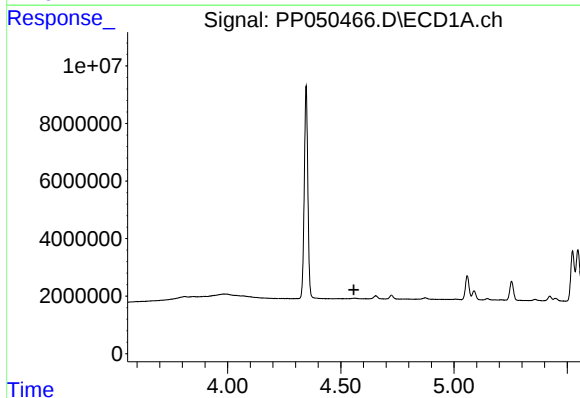
R.T.: 6.003 min
Delta R.T.: 0.002 min
Response: 30447268
Conc: 681.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



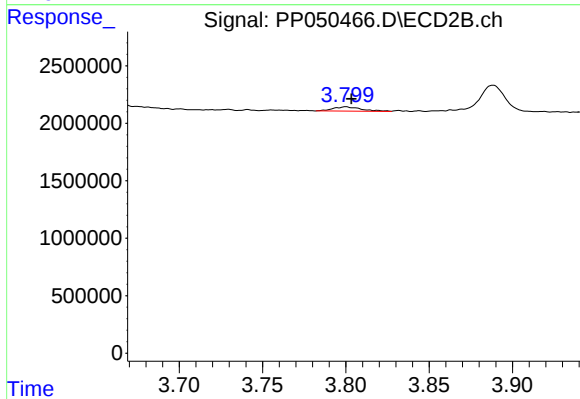
#7 AR-1016-5

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 49156739
Conc: 643.36 ng/ml



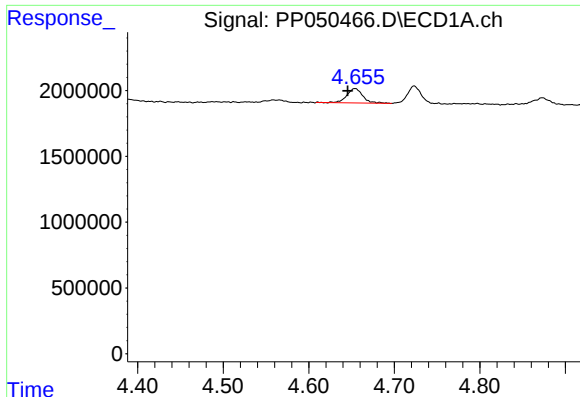
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.558 min
Response: 0
Conc: N.D.



#8 AR-1221-1

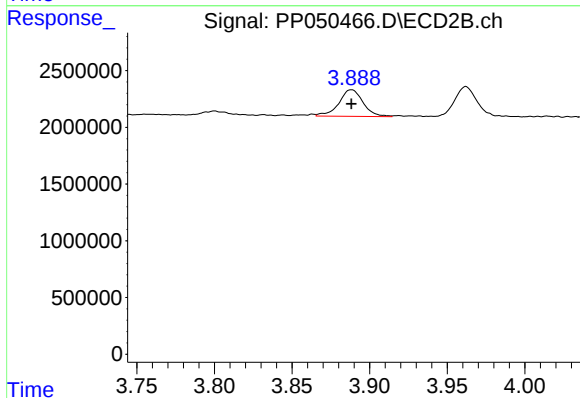
R.T.: 3.800 min
Delta R.T.: -0.003 min
Response: 432884
Conc: 11.33 ng/ml



#9 AR-1221-2

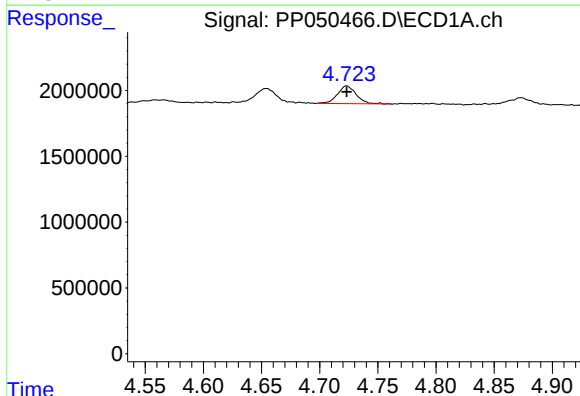
R.T.: 4.654 min
Delta R.T.: 0.008 min
Response: 1423755
Conc: 95.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



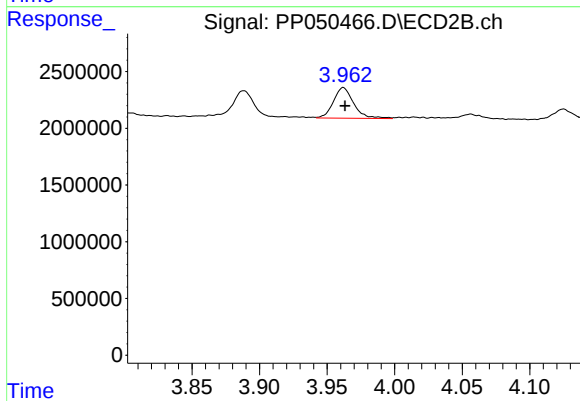
#9 AR-1221-2

R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 2544024
Conc: 89.09 ng/ml



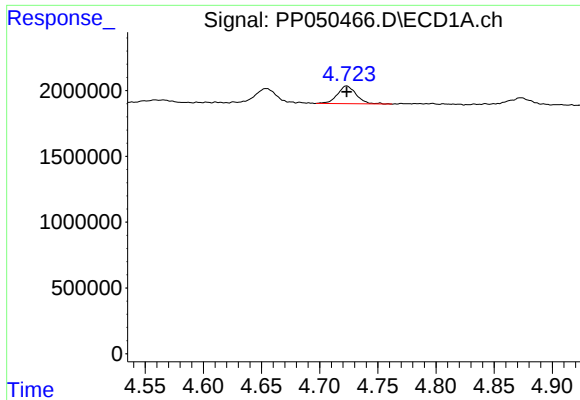
#10 AR-1221-3

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 1520776
Conc: 33.80 ng/ml



#10 AR-1221-3

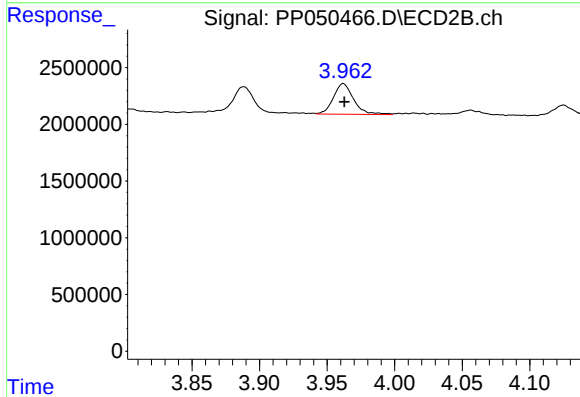
R.T.: 3.962 min
Delta R.T.: -0.001 min
Response: 2809848
Conc: 32.82 ng/ml



#11 AR-1232-1

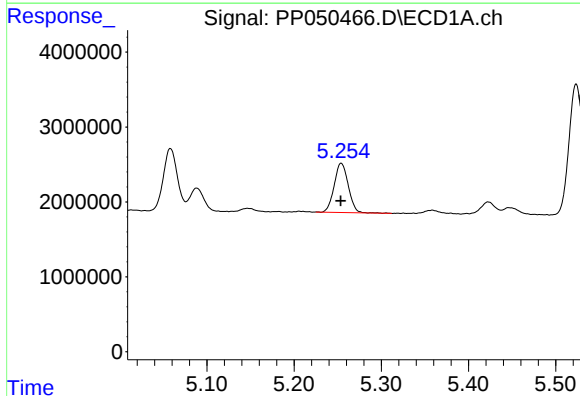
R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 1520776
Conc: 40.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



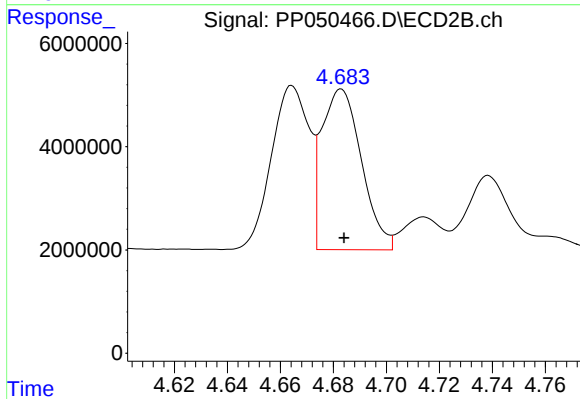
#11 AR-1232-1

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 2809848
Conc: 40.25 ng/ml



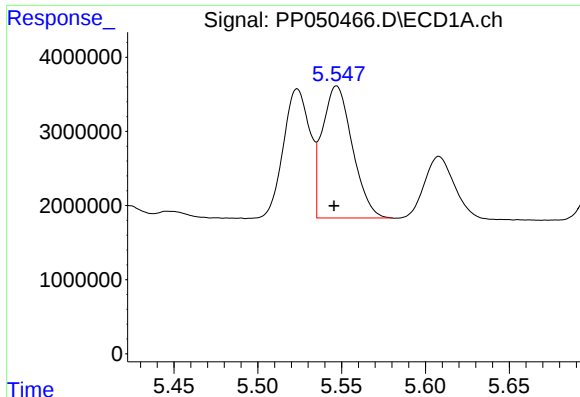
#12 AR-1232-2

R.T.: 5.254 min
Delta R.T.: 0.000 min
Response: 7409388
Conc: 409.12 ng/ml



#12 AR-1232-2

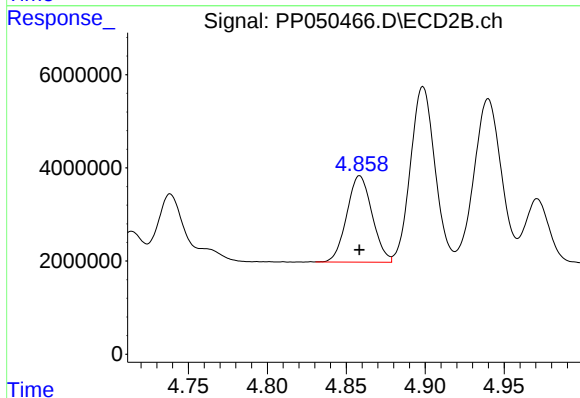
R.T.: 4.683 min
Delta R.T.: -0.001 min
Response: 32409378
Conc: 504.11 ng/ml



#13 AR-1232-3

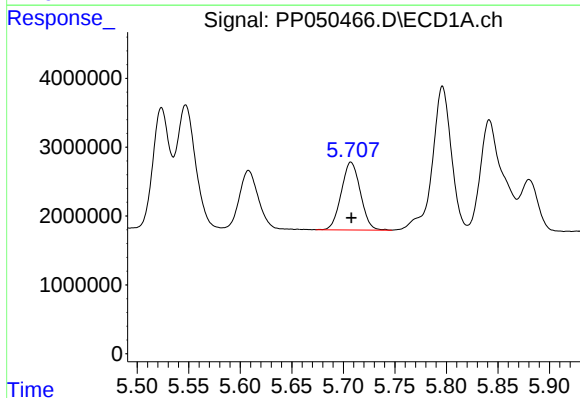
R.T.: 5.547 min
Delta R.T.: 0.002 min
Response: 22271092
Conc: 565.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



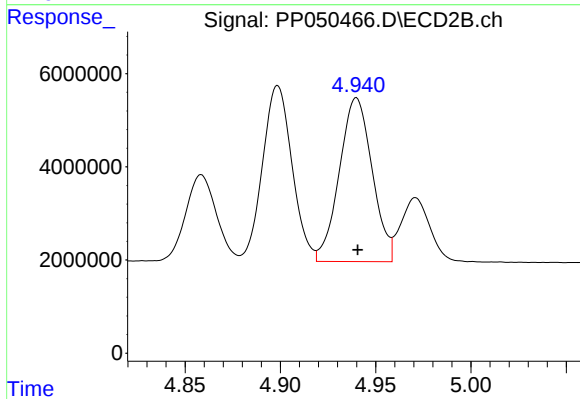
#13 AR-1232-3

R.T.: 4.859 min
Delta R.T.: 0.000 min
Response: 20657418
Conc: 615.90 ng/ml



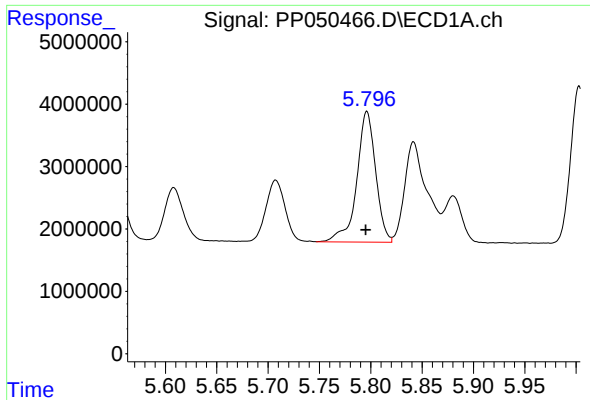
#14 AR-1232-4

R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 12691646
Conc: 627.28 ng/ml



#14 AR-1232-4

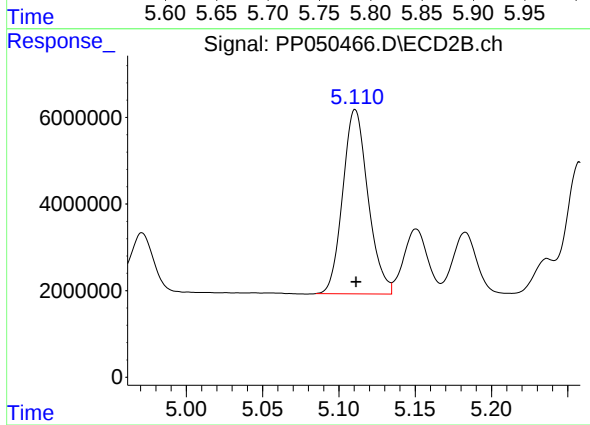
R.T.: 4.940 min
Delta R.T.: 0.000 min
Response: 42164082
Conc: 1431.24 ng/ml



#15 AR-1232-5

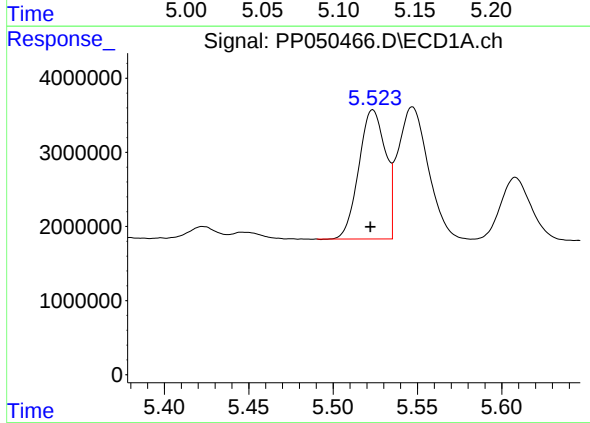
R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 26863779
Conc: 1718.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



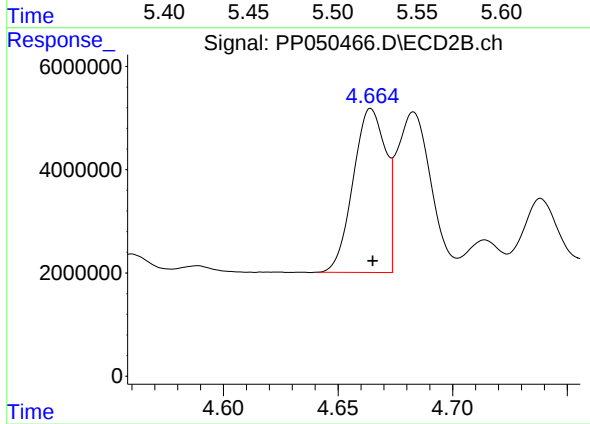
#15 AR-1232-5

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 49156739
Conc: 1492.74 ng/ml



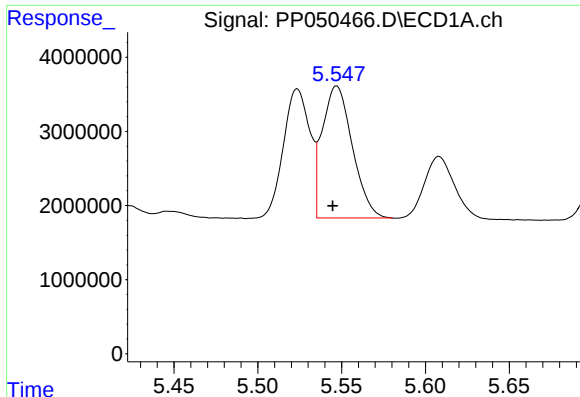
#16 AR-1242-1

R.T.: 5.524 min
Delta R.T.: 0.001 min
Response: 19161748
Conc: 378.08 ng/ml



#16 AR-1242-1

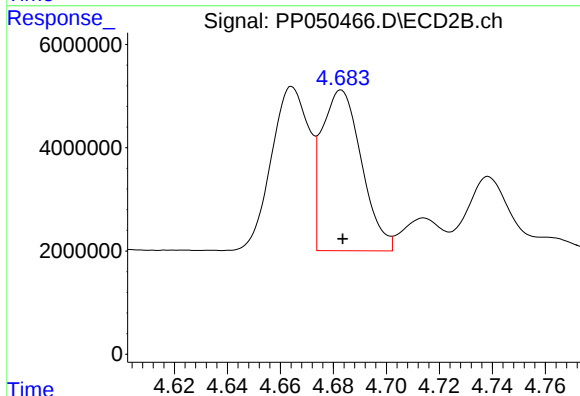
R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 31356735
Conc: 378.25 ng/ml



#17 AR-1242-2

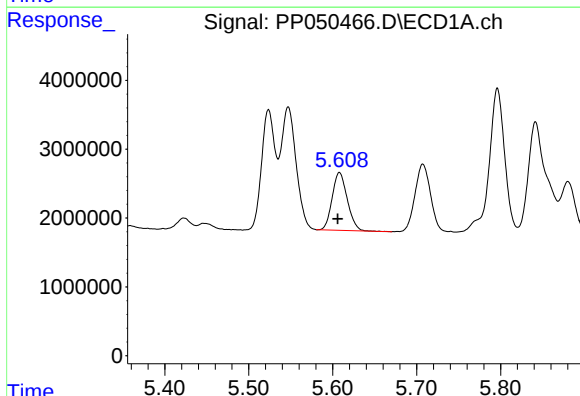
R.T.: 5.547 min
Delta R.T.: 0.002 min
Response: 22271092
Conc: 308.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



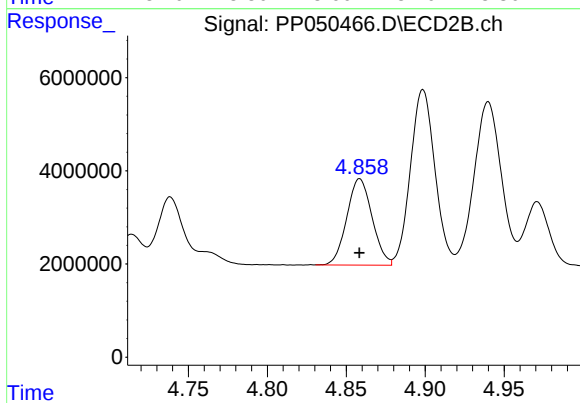
#17 AR-1242-2

R.T.: 4.683 min
Delta R.T.: 0.000 min
Response: 32409378
Conc: 277.53 ng/ml



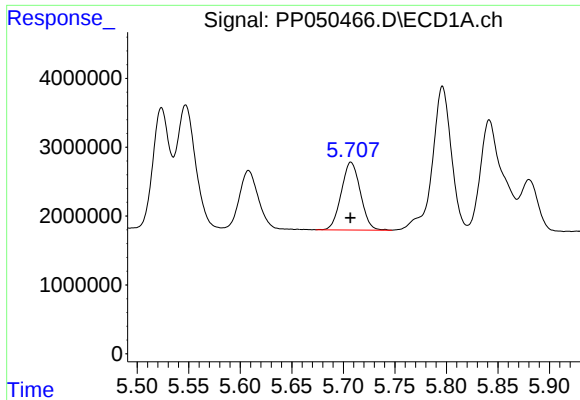
#18 AR-1242-3

R.T.: 5.608 min
Delta R.T.: 0.002 min
Response: 10477960
Conc: 236.93 ng/ml



#18 AR-1242-3

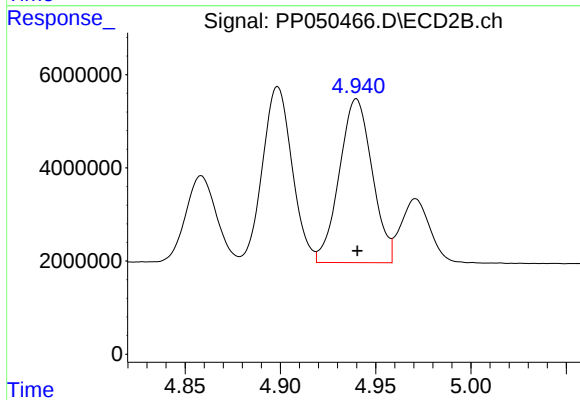
R.T.: 4.859 min
Delta R.T.: 0.000 min
Response: 20657418
Conc: 336.88 ng/ml



#19 AR-1242-4

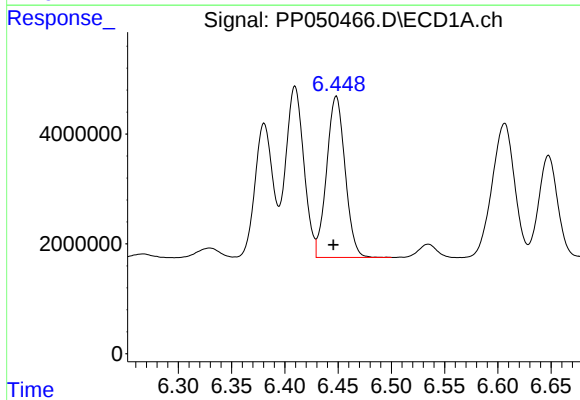
R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 12691646
Conc: 340.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



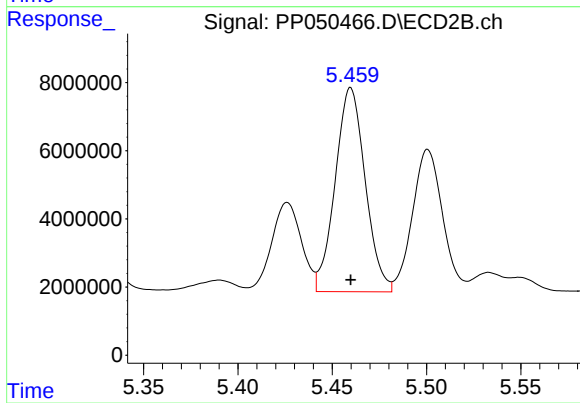
#19 AR-1242-4

R.T.: 4.940 min
Delta R.T.: 0.000 min
Response: 42164082
Conc: 720.27 ng/ml



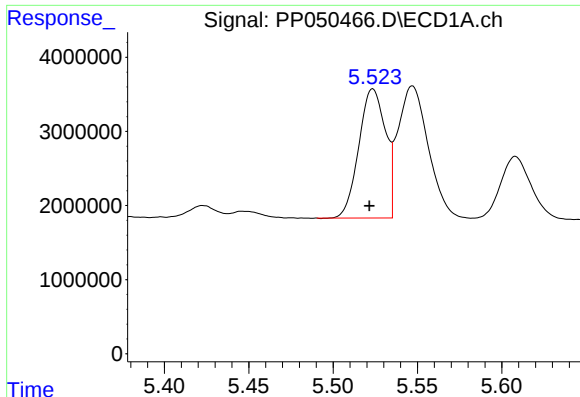
#20 AR-1242-5

R.T.: 6.448 min
Delta R.T.: 0.003 min
Response: 35376726
Conc: 838.28 ng/ml



#20 AR-1242-5

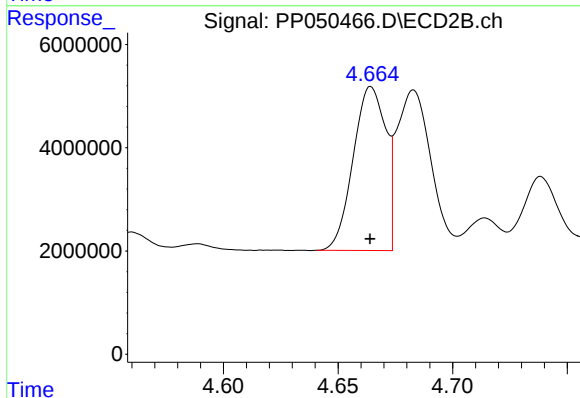
R.T.: 5.460 min
Delta R.T.: 0.000 min
Response: 66367209
Conc: 954.79 ng/ml



#21 AR-1248-1

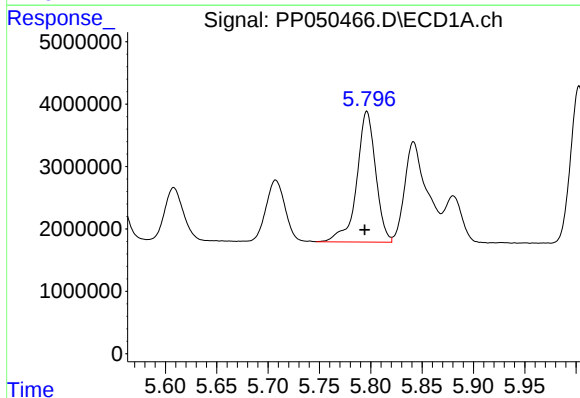
R.T.: 5.524 min
Delta R.T.: 0.002 min
Response: 19161748
Conc: 474.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



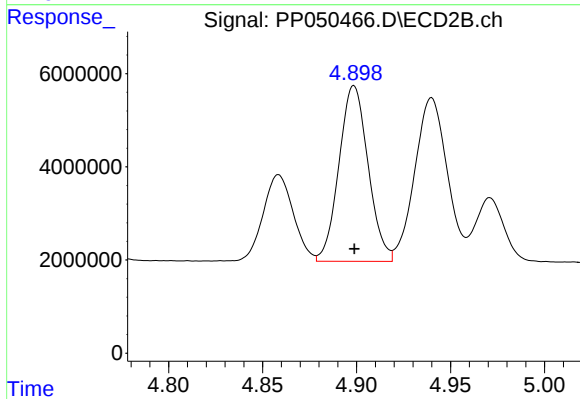
#21 AR-1248-1

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 31356735
Conc: 469.17 ng/ml



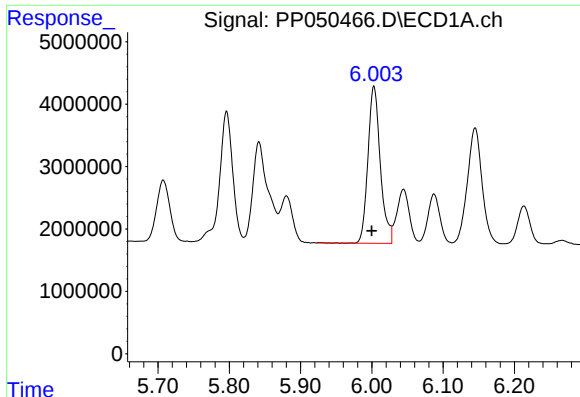
#22 AR-1248-2

R.T.: 5.796 min
Delta R.T.: 0.002 min
Response: 26863779
Conc: 480.86 ng/ml



#22 AR-1248-2

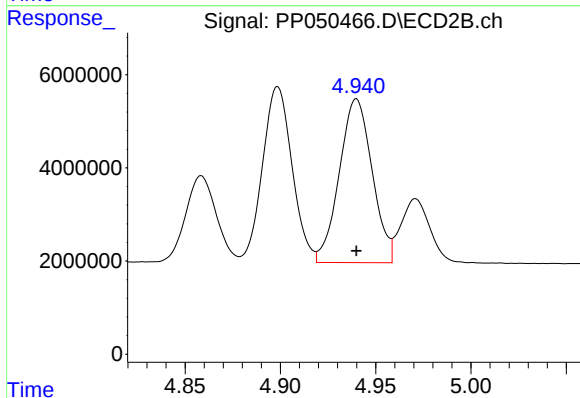
R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 40697785
Conc: 471.13 ng/ml



#23 AR-1248-3

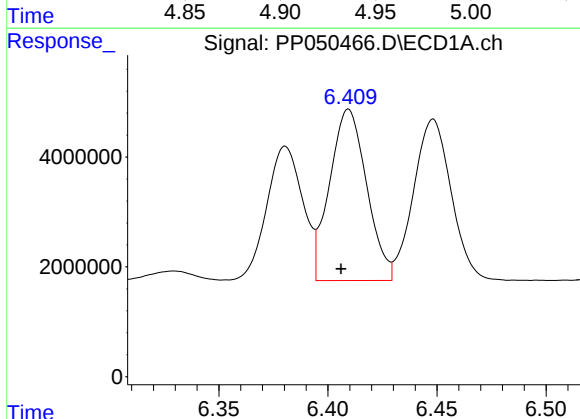
R.T.: 6.003 min
Delta R.T.: 0.003 min
Response: 30447268
Conc: 475.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



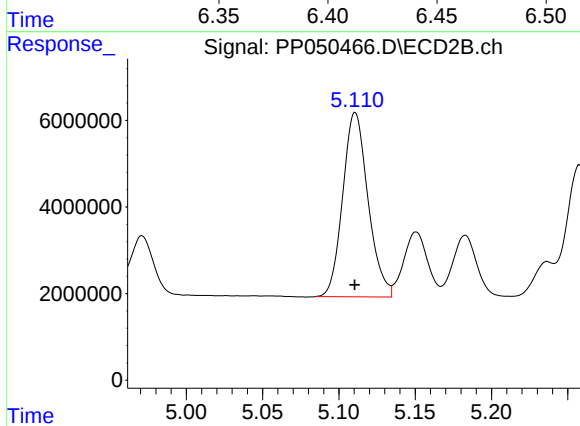
#23 AR-1248-3

R.T.: 4.940 min
Delta R.T.: 0.000 min
Response: 42164082
Conc: 465.10 ng/ml



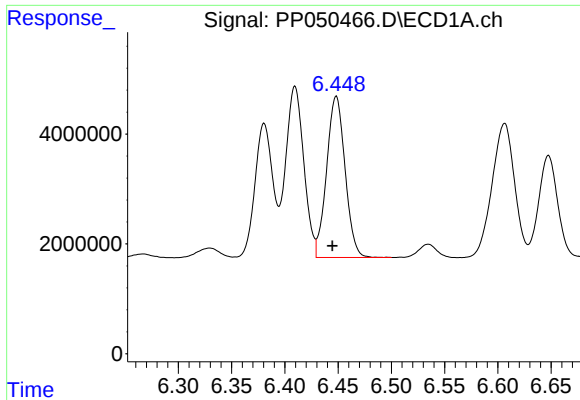
#24 AR-1248-4

R.T.: 6.409 min
Delta R.T.: 0.003 min
Response: 36917452
Conc: 466.70 ng/ml



#24 AR-1248-4

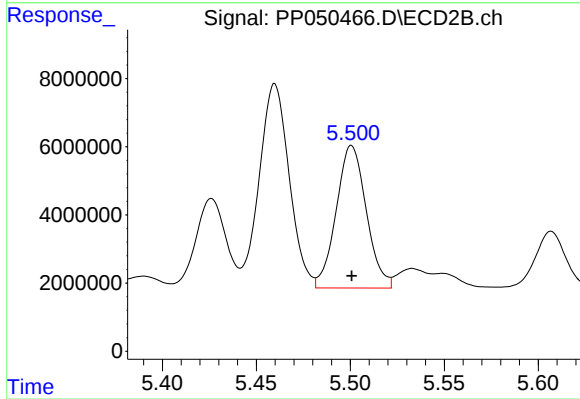
R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 49156739
Conc: 466.39 ng/ml



#25 AR-1248-5

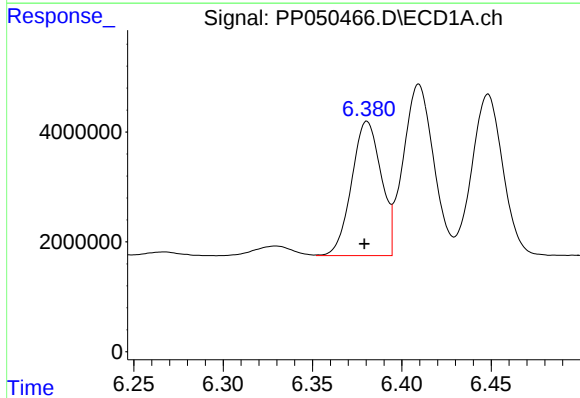
R.T.: 6.448 min
Delta R.T.: 0.004 min
Response: 35376726
Conc: 466.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



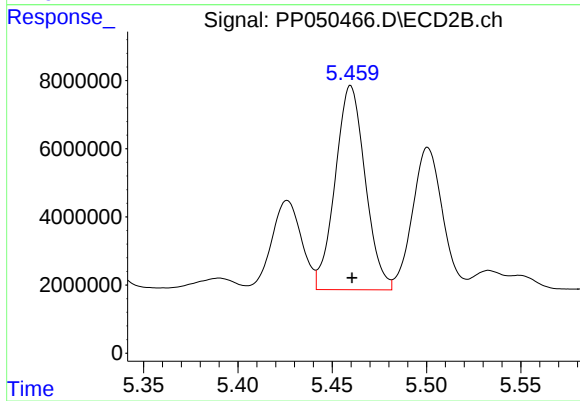
#25 AR-1248-5

R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 46646937
Conc: 469.81 ng/ml



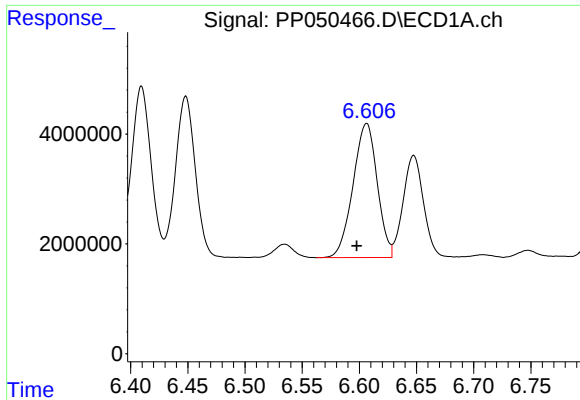
#26 AR-1254-1

R.T.: 6.381 min
Delta R.T.: 0.002 min
Response: 28128128
Conc: 380.19 ng/ml



#26 AR-1254-1

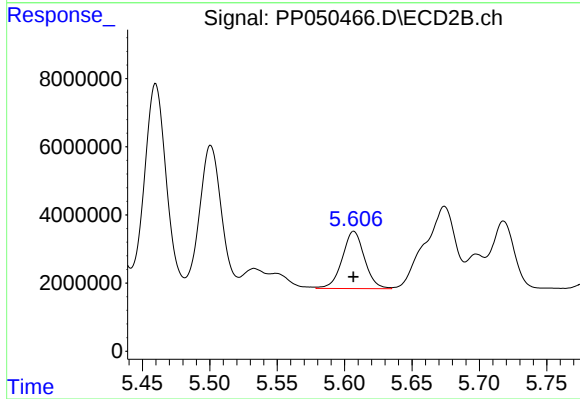
R.T.: 5.460 min
Delta R.T.: 0.000 min
Response: 66367209
Conc: 466.98 ng/ml



#27 AR-1254-2

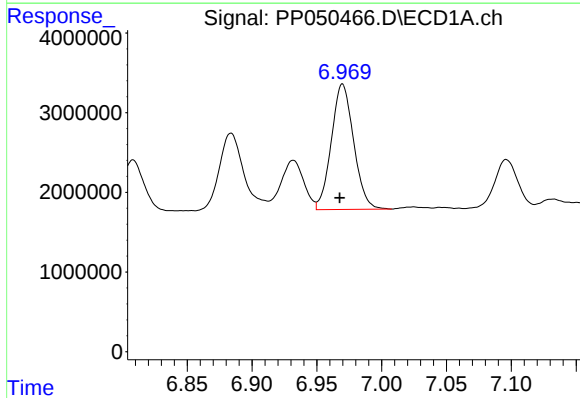
R.T.: 6.606 min
Delta R.T.: 0.009 min
Response: 35981059
Conc: 309.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



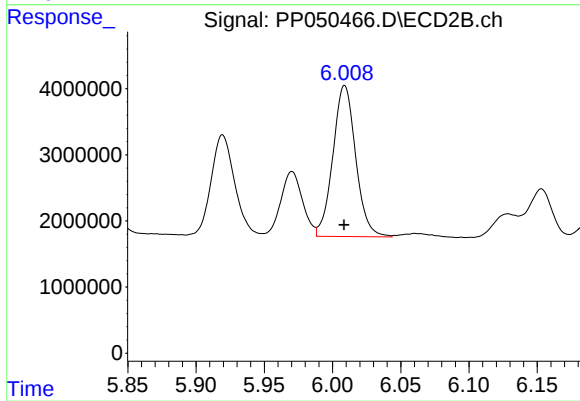
#27 AR-1254-2

R.T.: 5.607 min
Delta R.T.: 0.000 min
Response: 19404884
Conc: 163.97 ng/ml



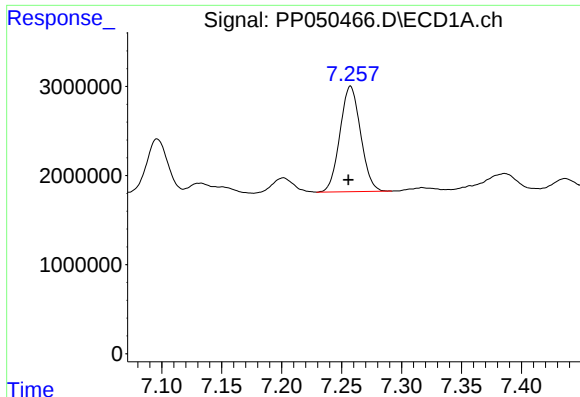
#28 AR-1254-3

R.T.: 6.970 min
Delta R.T.: 0.002 min
Response: 18902511
Conc: 152.54 ng/ml



#28 AR-1254-3

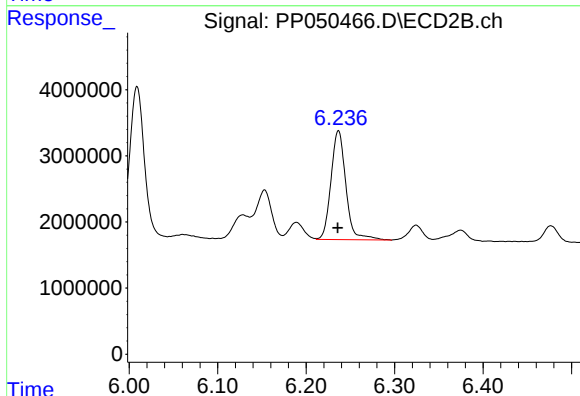
R.T.: 6.009 min
Delta R.T.: 0.000 min
Response: 26548138
Conc: 154.29 ng/ml



#29 AR-1254-4

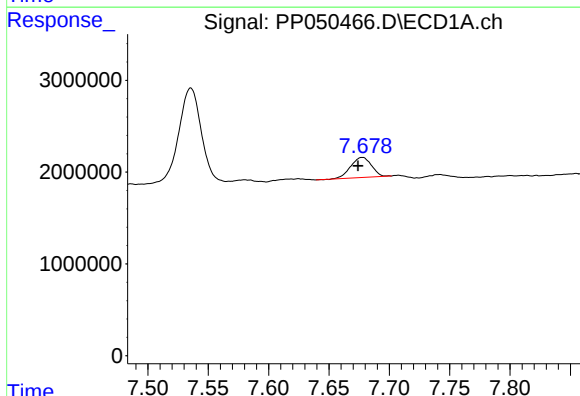
R.T.: 7.257 min
Delta R.T.: 0.002 min
Response: 14217309
Conc: 145.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



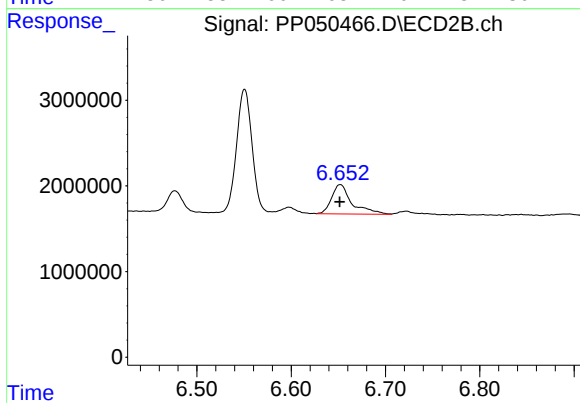
#29 AR-1254-4

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 19259095
Conc: 182.54 ng/ml



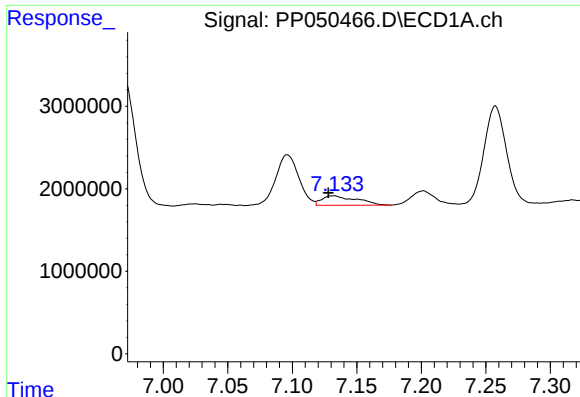
#30 AR-1254-5

R.T.: 7.678 min
Delta R.T.: 0.003 min
Response: 2626548
Conc: 26.18 ng/ml



#30 AR-1254-5

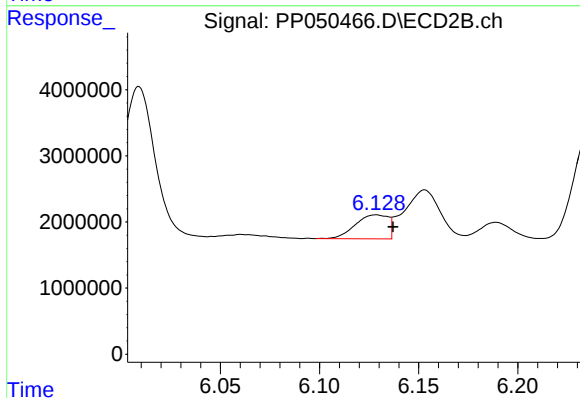
R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 5149624
Conc: 38.67 ng/ml



#31 AR-1260-1

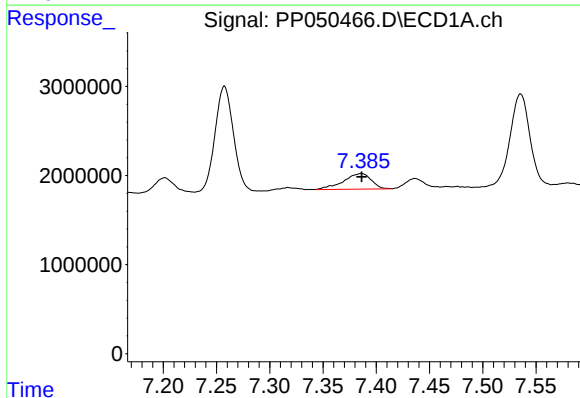
R.T.: 7.132 min
Delta R.T.: 0.004 min
Response: 2173834
Conc: 23.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



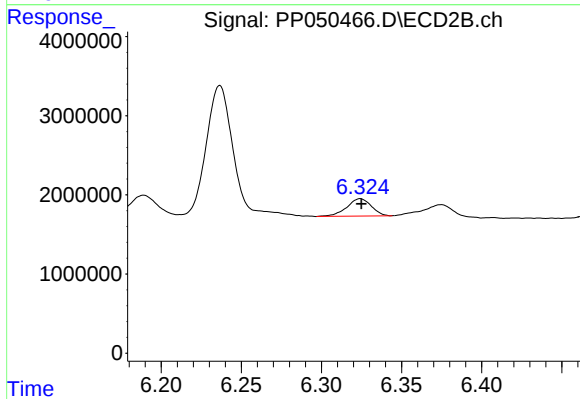
#31 AR-1260-1

R.T.: 6.128 min
Delta R.T.: -0.009 min
Response: 4166545
Conc: 36.77 ng/ml



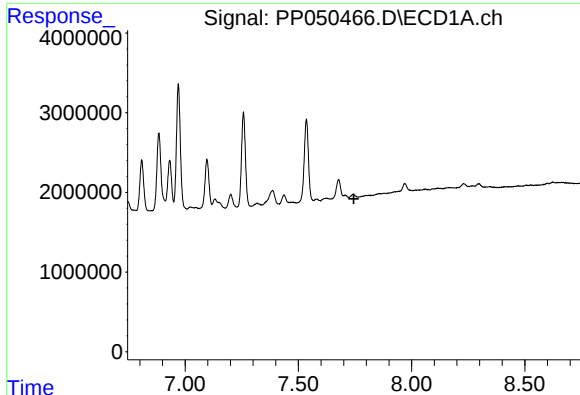
#32 AR-1260-2

R.T.: 7.386 min
Delta R.T.: 0.000 min
Response: 3196144
Conc: 27.98 ng/ml



#32 AR-1260-2

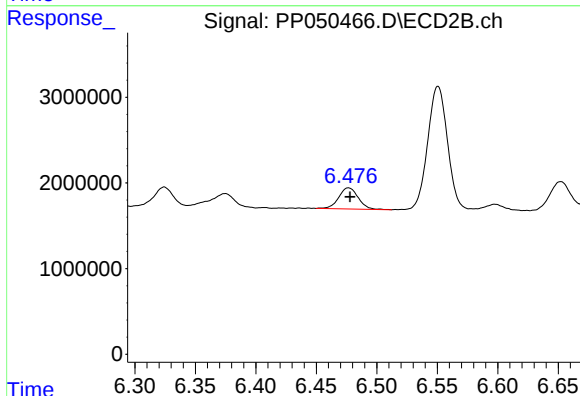
R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 2331335
Conc: 17.35 ng/ml



#33 AR-1260-3

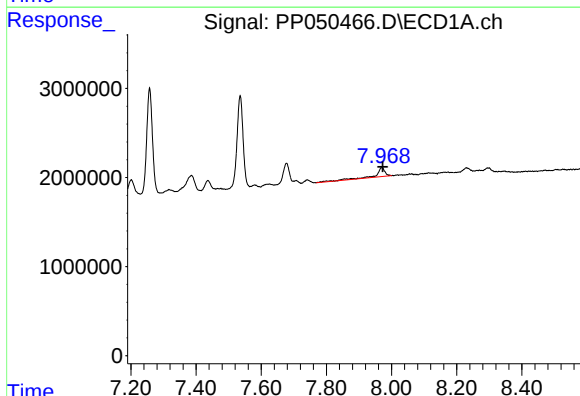
R.T.: 0.000 min
Exp R.T.: 7.745 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



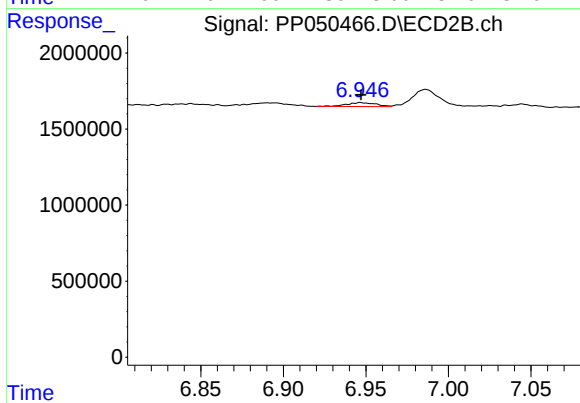
#33 AR-1260-3

R.T.: 6.477 min
Delta R.T.: -0.001 min
Response: 2778352
Conc: 23.06 ng/ml



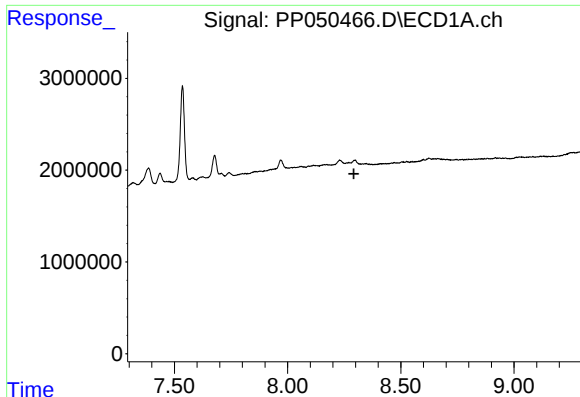
#34 AR-1260-4

R.T.: 7.970 min
Delta R.T.: -0.003 min
Response: 2058792
Conc: 21.63 ng/ml



#34 AR-1260-4

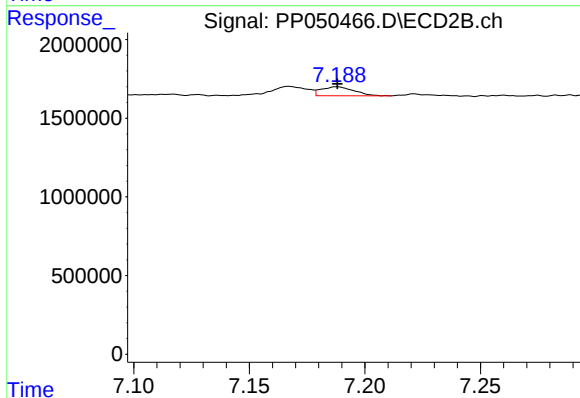
R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 321525
Conc: 3.63 ng/ml



#35 AR-1260-5

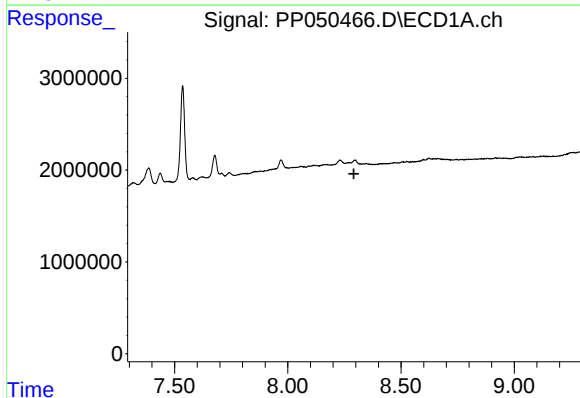
R.T.: 0.000 min
Exp R.T.: 8.292 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



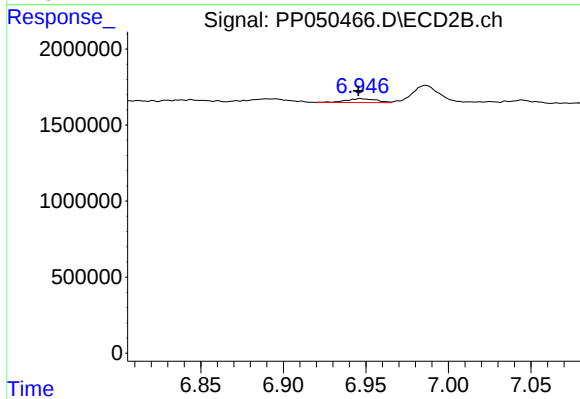
#35 AR-1260-5

R.T.: 7.188 min
Delta R.T.: 0.000 min
Response: 557905
Conc: 2.86 ng/ml



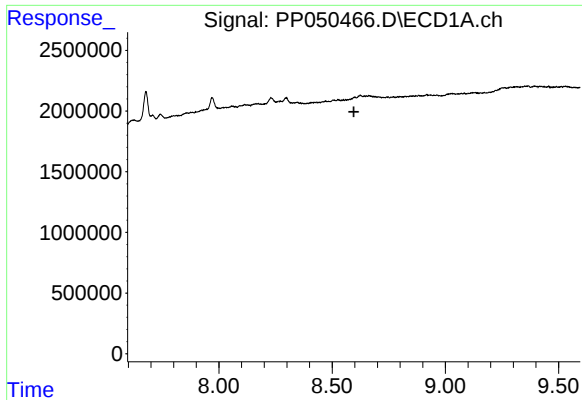
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 8.291 min
Response: 0
Conc: N.D.



#37 AR-1262-2

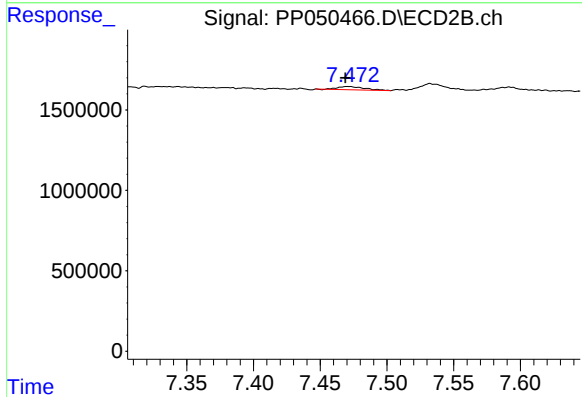
R.T.: 6.947 min
Delta R.T.: 0.001 min
Response: 321525
Conc: 2.96 ng/ml



#38 AR-1262-3

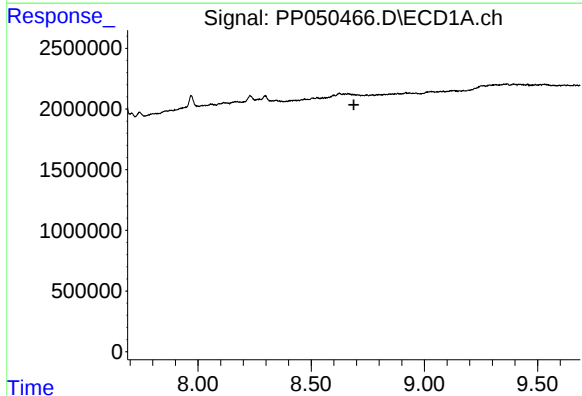
R.T.: 0.000 min
Exp R.T.: 8.596 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



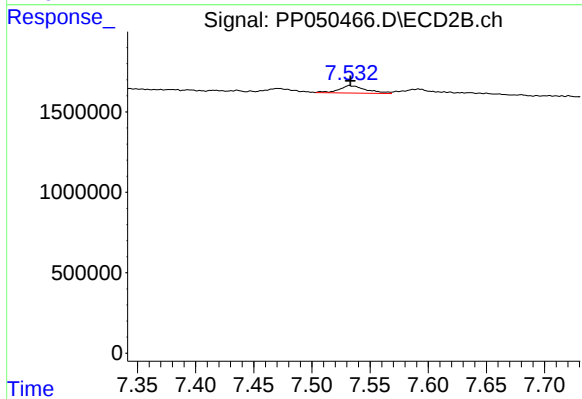
#38 AR-1262-3

R.T.: 7.471 min
Delta R.T.: 0.002 min
Response: 280484
Conc: 3.86 ng/ml



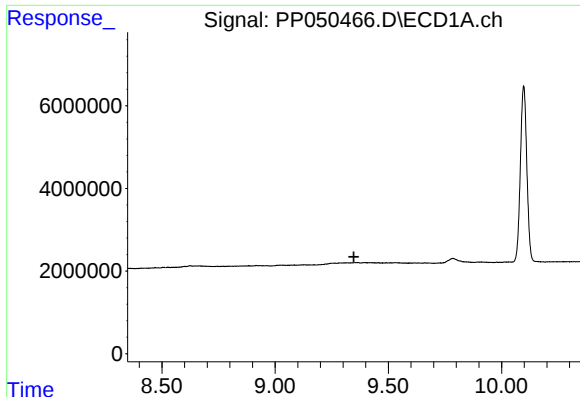
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 8.688 min
Response: 0
Conc: N.D.



#39 AR-1262-4

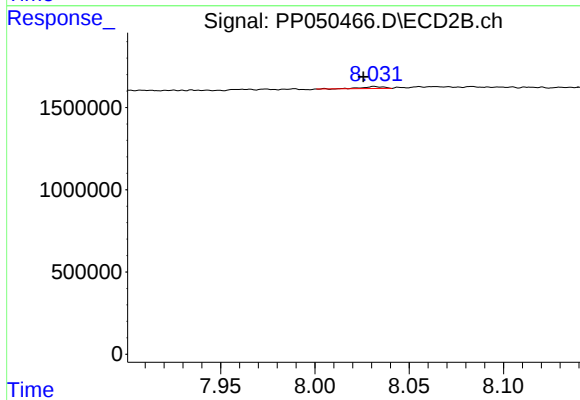
R.T.: 7.532 min
Delta R.T.: 0.000 min
Response: 746133
Conc: 5.41 ng/ml



#40 AR-1262-5

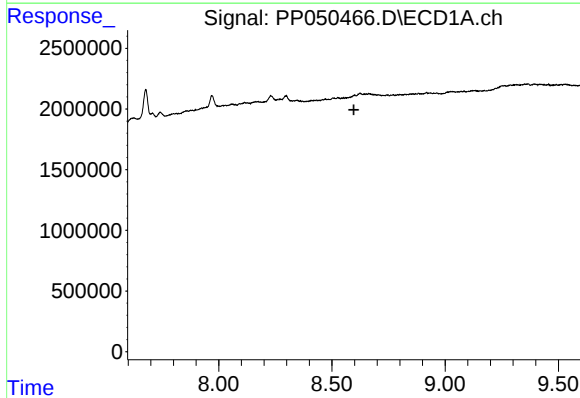
R.T.: 0.000 min
Exp R.T.: 9.348 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



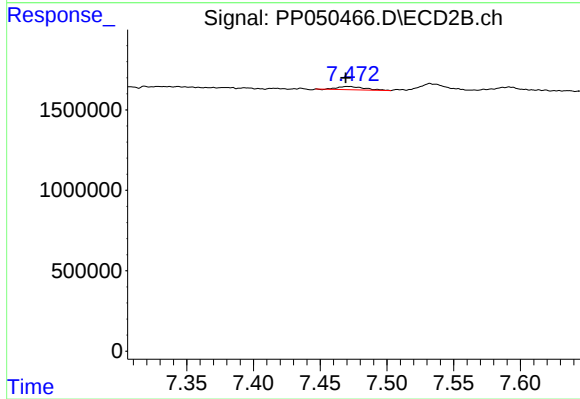
#40 AR-1262-5

R.T.: 8.032 min
Delta R.T.: 0.006 min
Response: 92280
Conc: 1.43 ng/ml



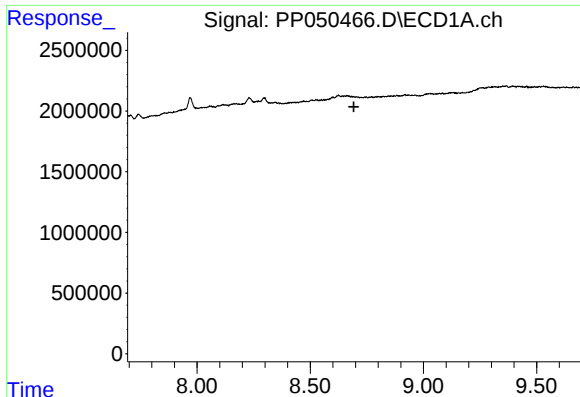
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 8.597 min
Response: 0
Conc: N.D.



#41 AR-1268-1

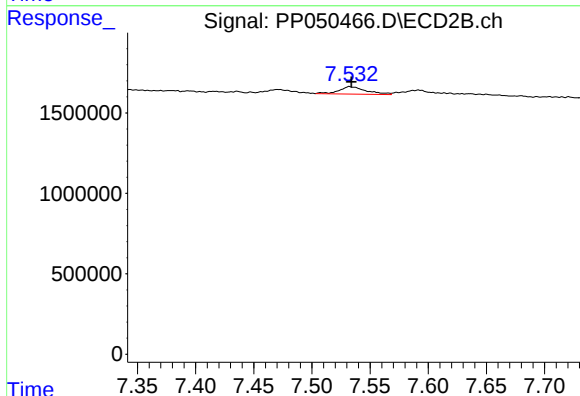
R.T.: 7.471 min
Delta R.T.: 0.002 min
Response: 280484
Conc: 1.28 ng/ml



#42 AR-1268-2

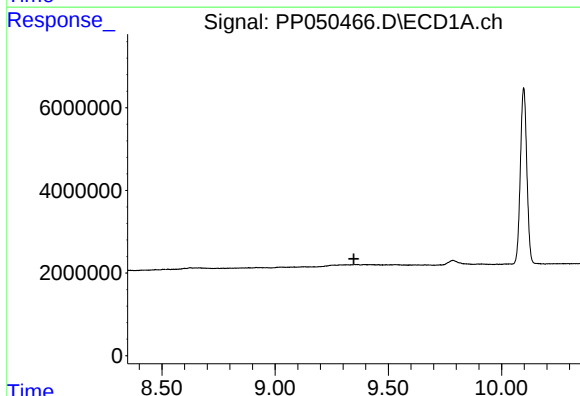
R.T.: 0.000 min
Exp R.T. : 8.693 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



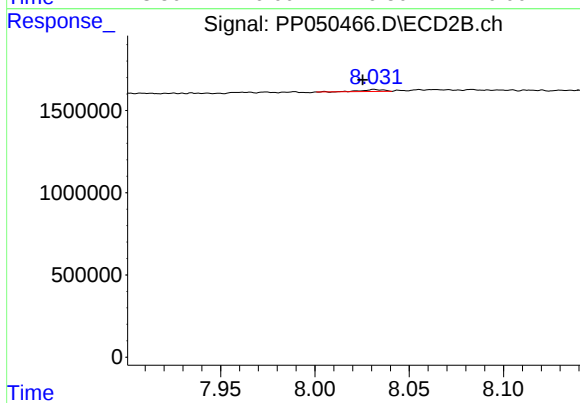
#42 AR-1268-2

R.T.: 7.532 min
Delta R.T.: -0.002 min
Response: 746133
Conc: 3.75 ng/ml



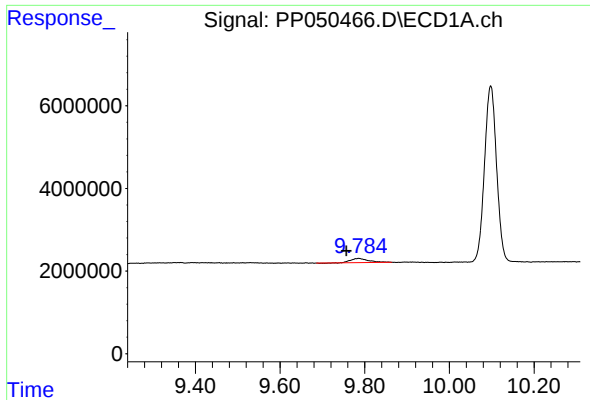
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.348 min
Response: 0
Conc: N.D.



#44 AR-1268-4

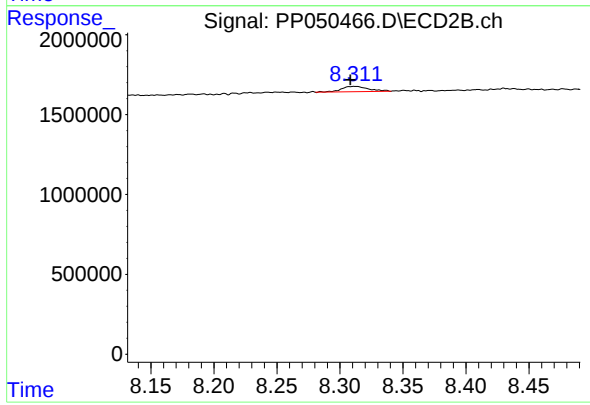
R.T.: 8.032 min
Delta R.T.: 0.006 min
Response: 92280
Conc: 1.30 ng/ml



#45 AR-1268-5

R.T.: 9.785 min
Delta R.T.: 0.028 min
Response: 3037760
Conc: 4.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.312 min
Delta R.T.: 0.004 min
Response: 512352
Conc: 0.93 ng/ml