

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP011923\
 Data File : PP054727.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jan 2023 17:29
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 19 20:56:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP011723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 18 04:34:06 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...	4.331	3.578	94593166	81646427	51.517	51.007
2)	SA Decachlor...	10.094	8.600	67531900	70739521	50.312	49.397
Target Compounds							
3)	L1 AR-1016-1	5.505	4.664	1055245	827822	16.294	16.435
4)	L1 AR-1016-2	5.530	4.683	1310996	709925	13.874	9.944 #
5)	L1 AR-1016-3	5.590	4.861	577038	481592	9.676	12.370 #
6)	L1 AR-1016-4	5.687	4.902	536738	19044030	11.295	560.709 #
7)	L1 AR-1016-5	5.984	5.116	13919351	11886633	287.514	271.298
8)	L2 AR-1221-1	4.540	0.000	94741	0	4.140	N.D. #
9)	L2 AR-1221-2	4.638	3.877	1444171	1130730	82.057	75.270
10)	L2 AR-1221-3	4.704	3.954	471089	302093	8.863	6.573 #
11)	L3 AR-1232-1	4.704	3.954	471089	302093	10.599	7.831 #
12)	L3 AR-1232-2	5.234	4.683	538916	709925	22.355	21.717
13)	L3 AR-1232-3	5.530	4.861	1310996	481592	30.418	28.005
14)	L3 AR-1232-4	5.687	4.943	536738	5890997	25.008	340.062 #
15)	L3 AR-1232-5	5.779	5.116	23895270	11886633	1388.808	628.069 #
16)	L4 AR-1242-1	5.505	4.664	1055245	827822	19.516	19.621
17)	L4 AR-1242-2	5.530	4.683	1310996	709925	16.803	12.091 #
18)	L4 AR-1242-3	5.590	4.861	577038	481592	11.747	15.013 #
19)	L4 AR-1242-4	5.687	4.943	536738	5890997	13.530	167.898 #
20)	L4 AR-1242-5	6.431	5.469	12802308	43286561	354.830	1138.802 #
21)	L5 AR-1248-1	5.505	4.664	1055245	827822	26.498	26.457
22)	L5 AR-1248-2	5.779	4.902	23895270	19044030	402.580	396.661
23)	L5 AR-1248-3	5.984	4.943	13919351	5890997	210.930	115.924 #
24)	L5 AR-1248-4	6.390	5.116	19245624	11886633	288.029	199.939 #
25)	L5 AR-1248-5	6.431	5.510	12802308	5025521	196.905	98.910 #
26)	L6 AR-1254-1	6.363	5.469	39200475	43286561	554.623	509.127
27)	L6 AR-1254-2	6.584	5.618	59563498	37489532	622.309	515.194
28)	L6 AR-1254-3	6.951	6.023	60942147	59440092	702.409	525.202 #
29)	L6 AR-1254-4	7.238	6.252	43541681	32641062	695.011	524.431
30)	L6 AR-1254-5	7.660	6.672	44169641	49147336	631.185	518.600
31)	L7 AR-1260-1	7.117	6.154	24828261	29012649	361.475	349.465
32)	L7 AR-1260-2	7.374	6.342	28291969	21996204	353.781	238.972 #
33)	L7 AR-1260-3	7.718f	6.495	6230321	23576821	103.426	262.318 #
34)	L7 AR-1260-4	7.948f	6.970	16875961	2471140	241.193	32.832 #
35)	L7 AR-1260-5	8.279	7.213	5353598	5708325	41.093	35.923
36)	L8 AR-1262-1	7.718f	6.763	6230321	1584172	76.112	37.347 #
37)	L8 AR-1262-2	8.279	6.970	5353598	2471140	37.813	26.877 #
38)	L8 AR-1262-3	8.605	7.498	4341324	186516	42.110	2.596 #
39)	L8 AR-1262-4	8.654f	7.559	1388355	5567296	27.926	43.052 #
40)	L8 AR-1262-5	9.344	8.057	203360	248071	3.570	4.164
41)	L9 AR-1268-1	8.605f	7.498	4341324	186516	23.539	0.863 #

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Acq On : 19 Jan 2023 17:29
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

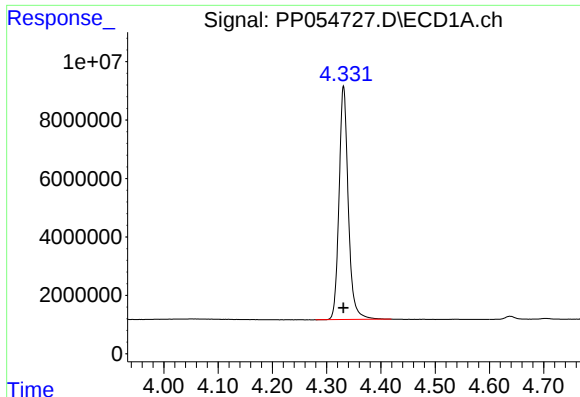
Instrument :
ECD_P
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 19 20:56:47 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP011723.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 18 04:34:06 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
42) L9	AR-1268-2	8.654f	7.559	1388355	5567296	8.191	28.422 #
43) L9	AR-1268-3	8.911	7.770	147635	155048	0.991	0.876
44) L9	AR-1268-4	9.344	8.057	203360	248071	3.150	3.668
45) L9	AR-1268-5	9.760	8.347	351510	401033	0.728	0.779

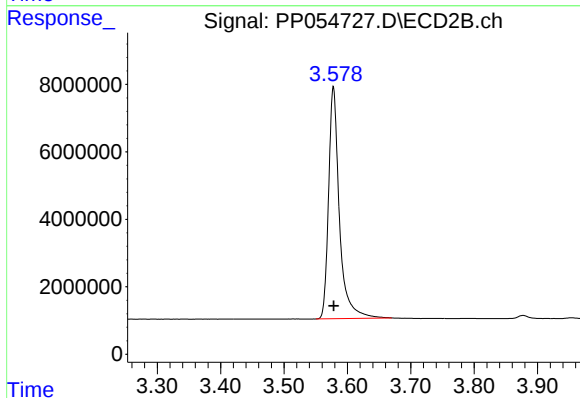
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

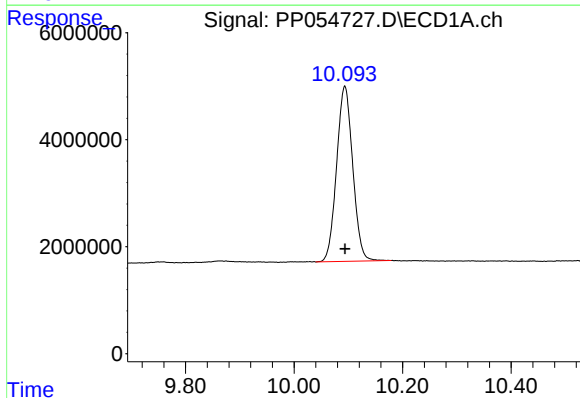
R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 94593166
Conc: 51.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



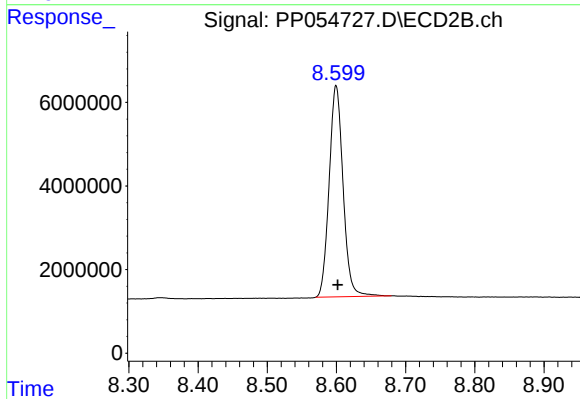
#1 Tetrachloro-m-xylene

R.T.: 3.578 min
Delta R.T.: 0.000 min
Response: 81646427
Conc: 51.01 ng/ml



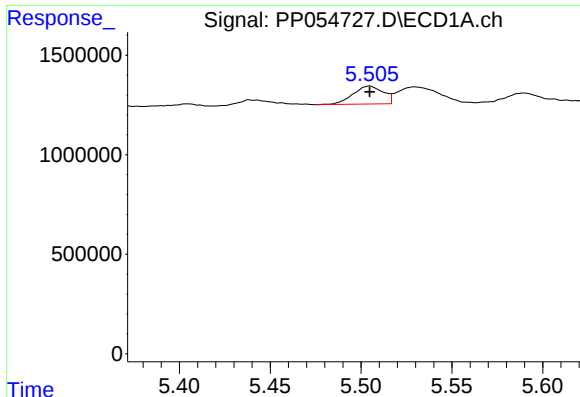
#2 Decachlorobiphenyl

R.T.: 10.094 min
Delta R.T.: 0.000 min
Response: 67531900
Conc: 50.31 ng/ml



#2 Decachlorobiphenyl

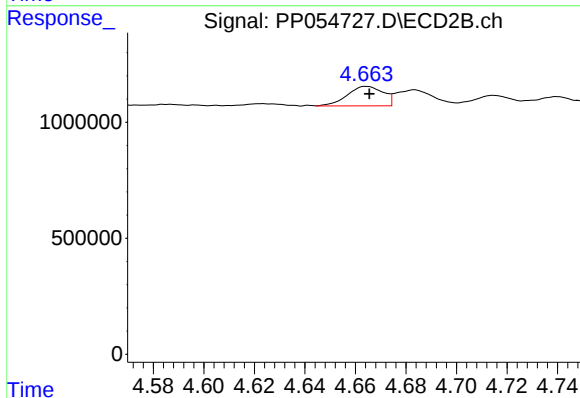
R.T.: 8.600 min
Delta R.T.: -0.002 min
Response: 70739521
Conc: 49.40 ng/ml



#3 AR-1016-1

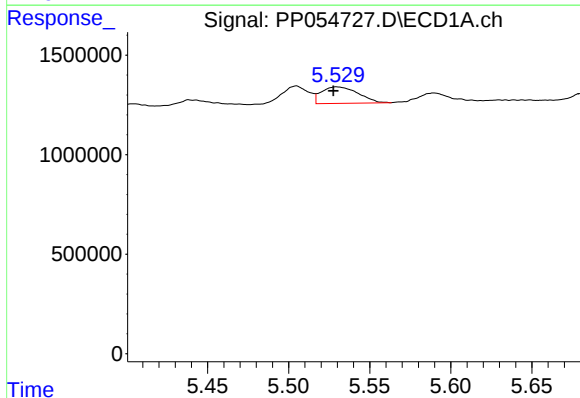
R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 1055245
Conc: 16.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



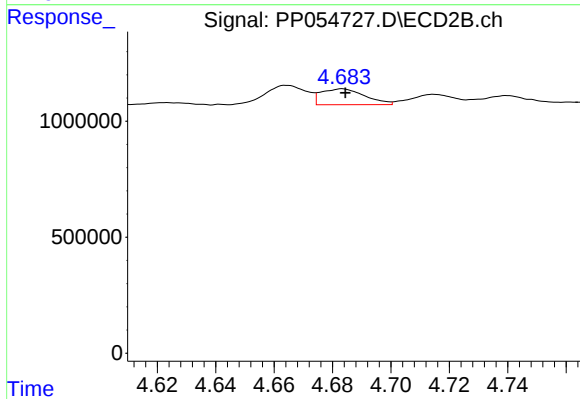
#3 AR-1016-1

R.T.: 4.664 min
Delta R.T.: -0.001 min
Response: 827822
Conc: 16.43 ng/ml



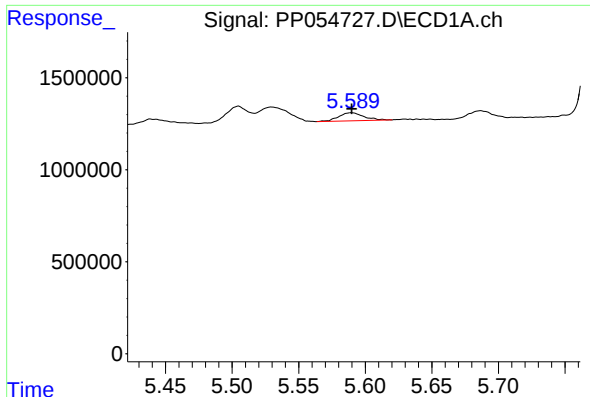
#4 AR-1016-2

R.T.: 5.530 min
Delta R.T.: 0.002 min
Response: 1310996
Conc: 13.87 ng/ml



#4 AR-1016-2

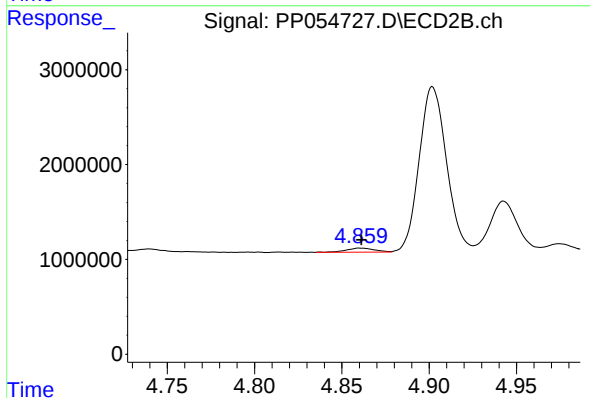
R.T.: 4.683 min
Delta R.T.: -0.001 min
Response: 709925
Conc: 9.94 ng/ml



#5 AR-1016-3

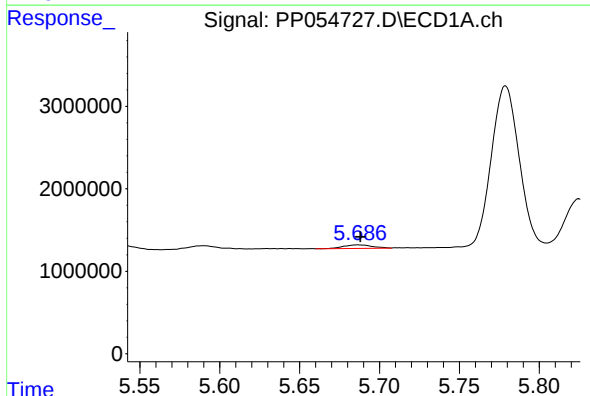
R.T.: 5.590 min
Delta R.T.: 0.000 min
Response: 577038
Conc: 9.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



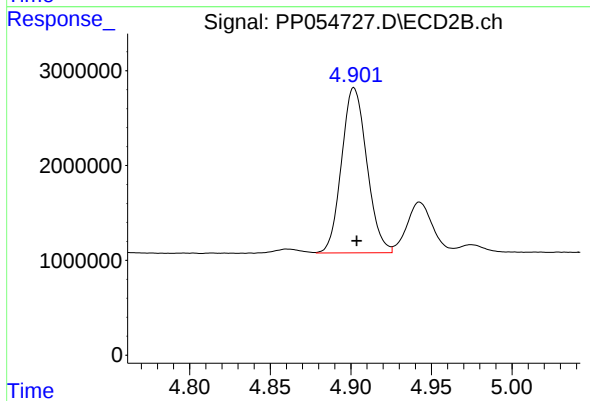
#5 AR-1016-3

R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 481592
Conc: 12.37 ng/ml



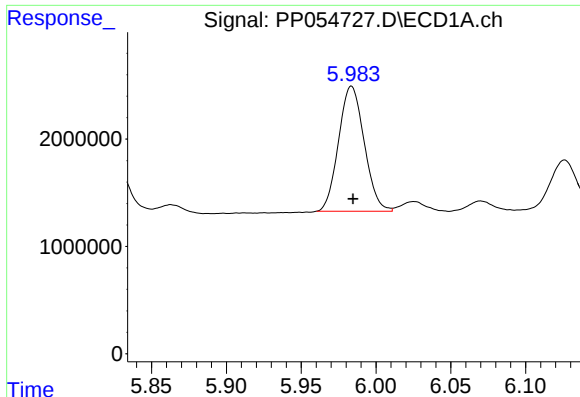
#6 AR-1016-4

R.T.: 5.687 min
Delta R.T.: -0.001 min
Response: 536738
Conc: 11.29 ng/ml



#6 AR-1016-4

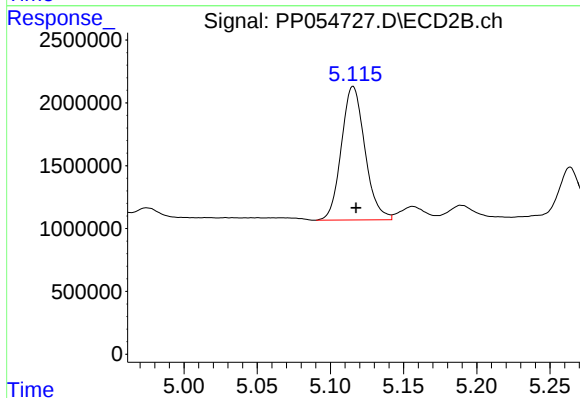
R.T.: 4.902 min
Delta R.T.: -0.002 min
Response: 19044030
Conc: 560.71 ng/ml



#7 AR-1016-5

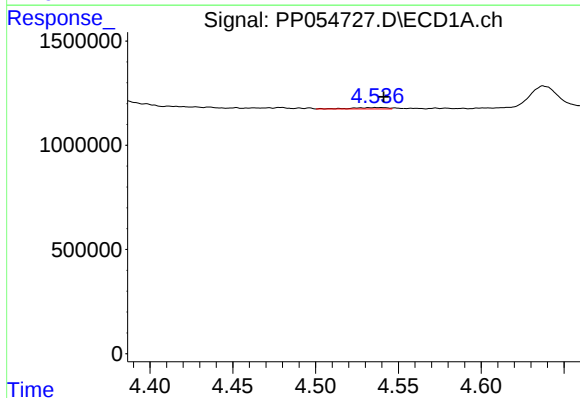
R.T.: 5.984 min
Delta R.T.: 0.000 min
Response: 13919351
Conc: 287.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



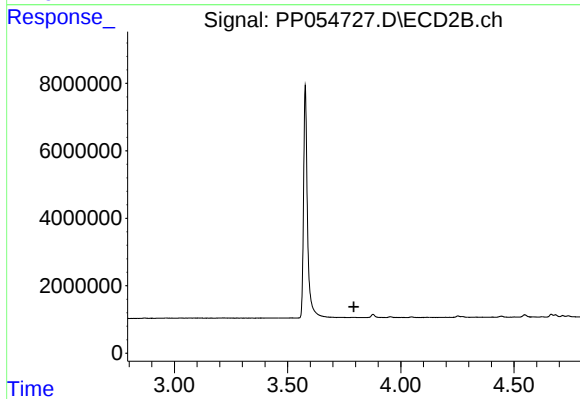
#7 AR-1016-5

R.T.: 5.116 min
Delta R.T.: -0.002 min
Response: 11886633
Conc: 271.30 ng/ml



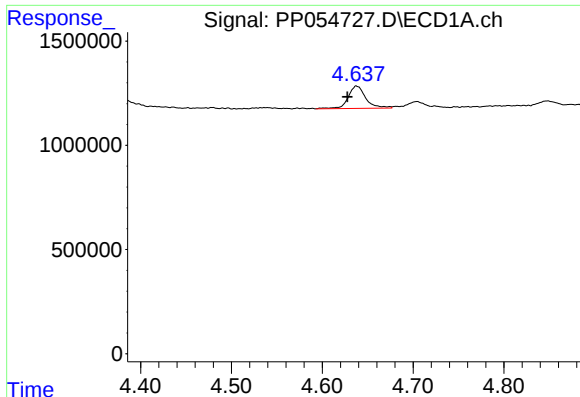
#8 AR-1221-1

R.T.: 4.540 min
Delta R.T.: -0.002 min
Response: 94741
Conc: 4.14 ng/ml



#8 AR-1221-1

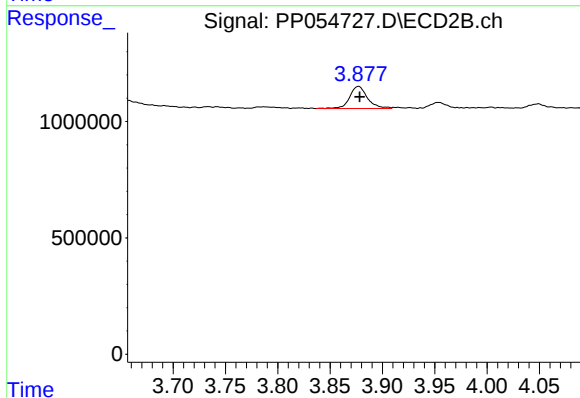
R.T.: 0.000 min
Exp R.T. : 3.793 min
Response: 0
Conc: N.D.



#9 AR-1221-2

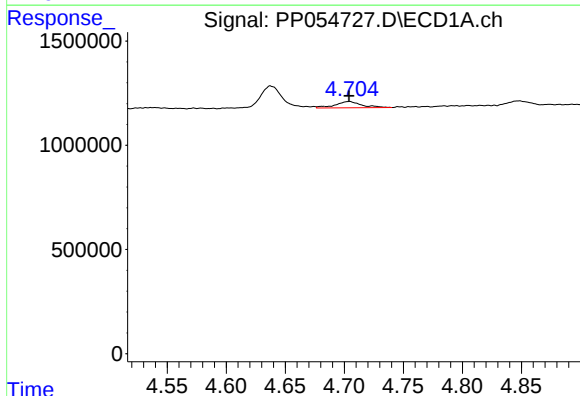
R.T.: 4.638 min
Delta R.T.: 0.010 min
Response: 1444171
Conc: 82.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



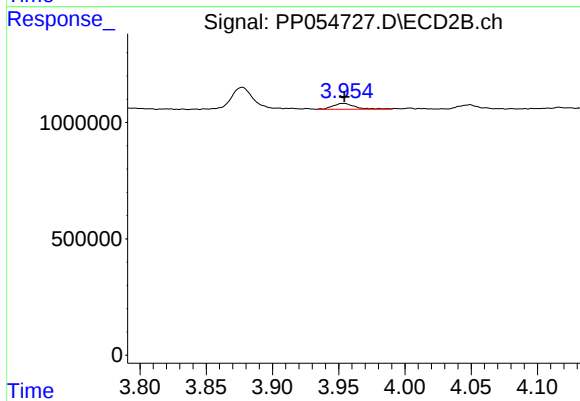
#9 AR-1221-2

R.T.: 3.877 min
Delta R.T.: -0.001 min
Response: 1130730
Conc: 75.27 ng/ml



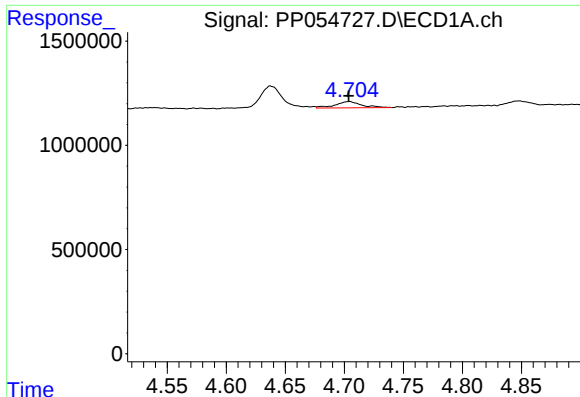
#10 AR-1221-3

R.T.: 4.704 min
Delta R.T.: 0.000 min
Response: 471089
Conc: 8.86 ng/ml



#10 AR-1221-3

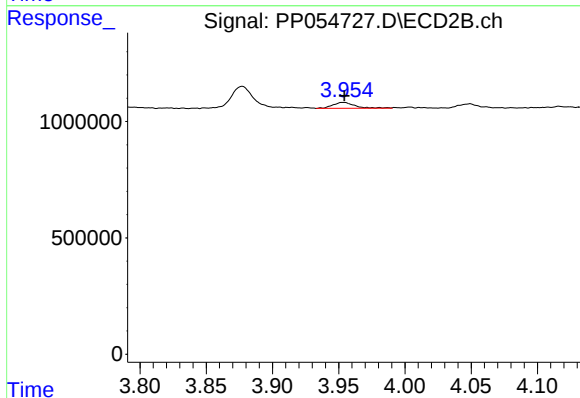
R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 302093
Conc: 6.57 ng/ml



#11 AR-1232-1

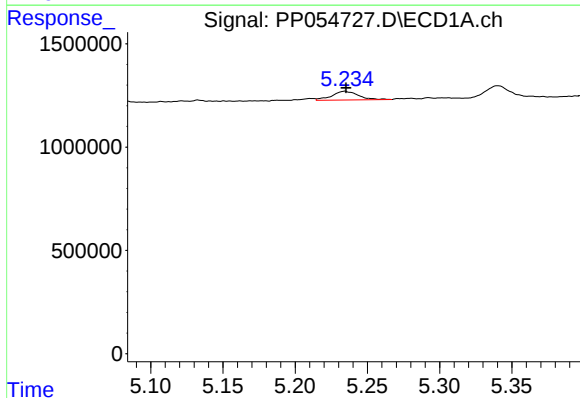
R.T.: 4.704 min
Delta R.T.: 0.000 min
Response: 471089
Conc: 10.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



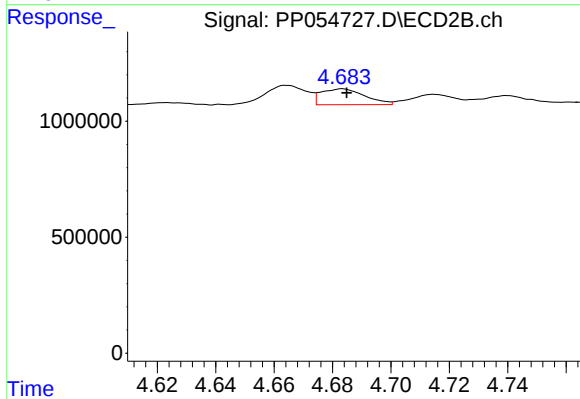
#11 AR-1232-1

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 302093
Conc: 7.83 ng/ml



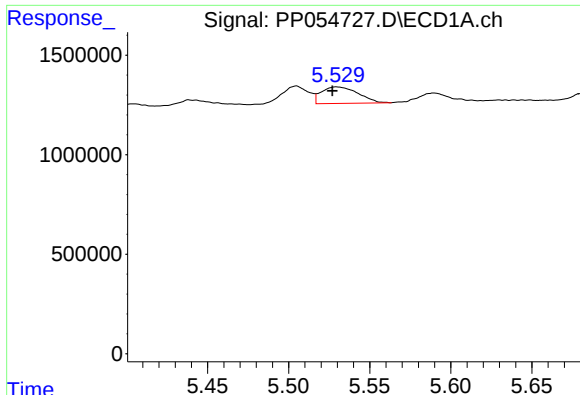
#12 AR-1232-2

R.T.: 5.234 min
Delta R.T.: -0.001 min
Response: 538916
Conc: 22.36 ng/ml



#12 AR-1232-2

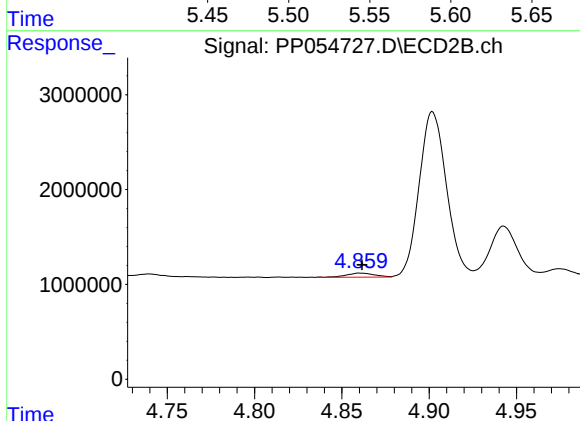
R.T.: 4.683 min
Delta R.T.: -0.002 min
Response: 709925
Conc: 21.72 ng/ml



#13 AR-1232-3

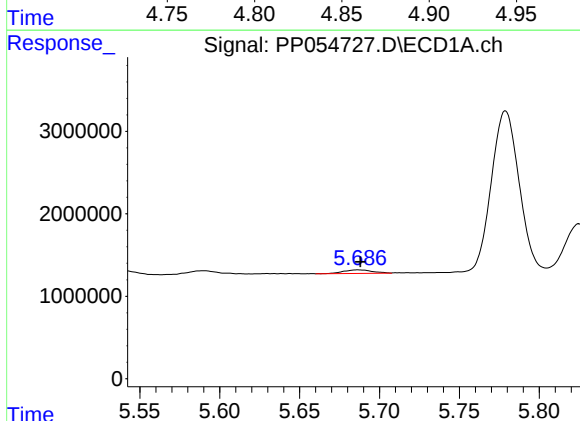
R.T.: 5.530 min
Delta R.T.: 0.003 min
Response: 1310996
Conc: 30.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



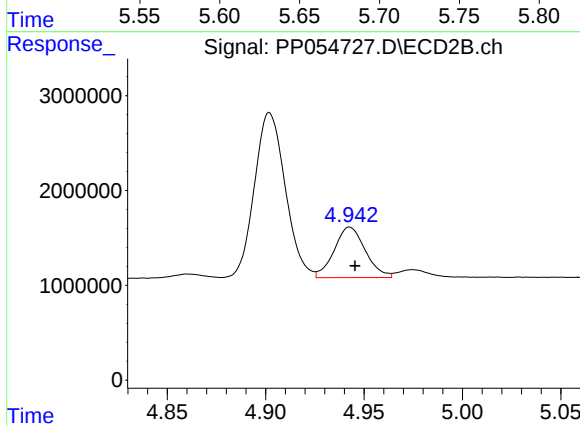
#13 AR-1232-3

R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 481592
Conc: 28.00 ng/ml



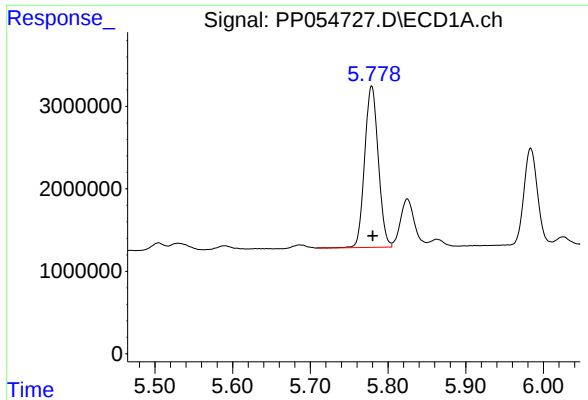
#14 AR-1232-4

R.T.: 5.687 min
Delta R.T.: -0.001 min
Response: 536738
Conc: 25.01 ng/ml



#14 AR-1232-4

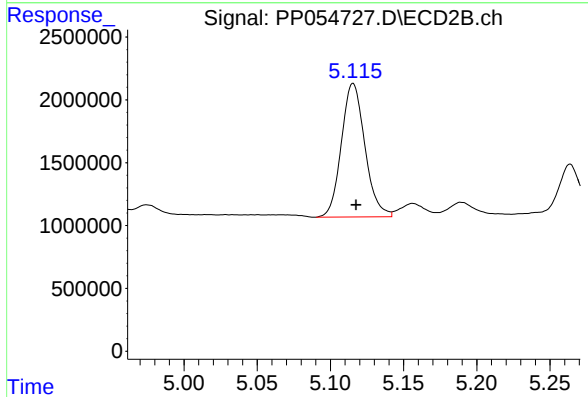
R.T.: 4.943 min
Delta R.T.: -0.003 min
Response: 5890997
Conc: 340.06 ng/ml



#15 AR-1232-5

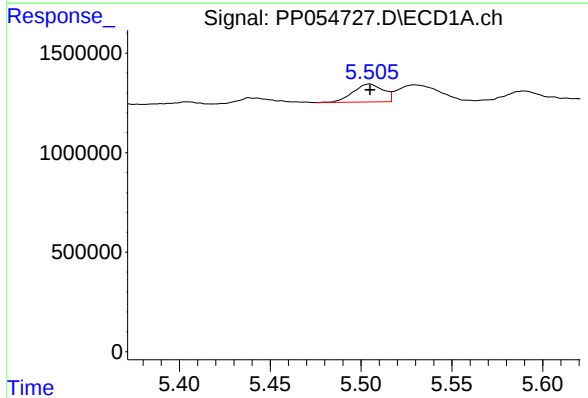
R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 23895270
Conc: 1388.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



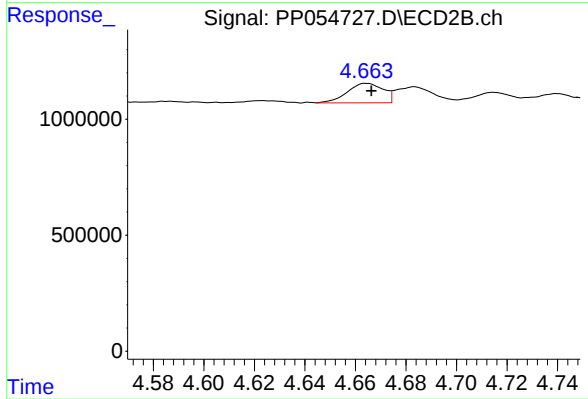
#15 AR-1232-5

R.T.: 5.116 min
Delta R.T.: -0.002 min
Response: 11886633
Conc: 628.07 ng/ml



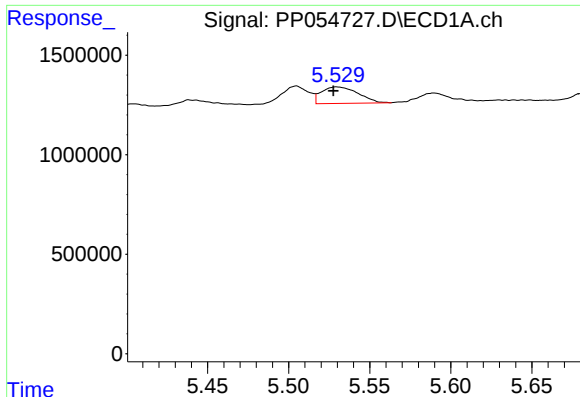
#16 AR-1242-1

R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 1055245
Conc: 19.52 ng/ml



#16 AR-1242-1

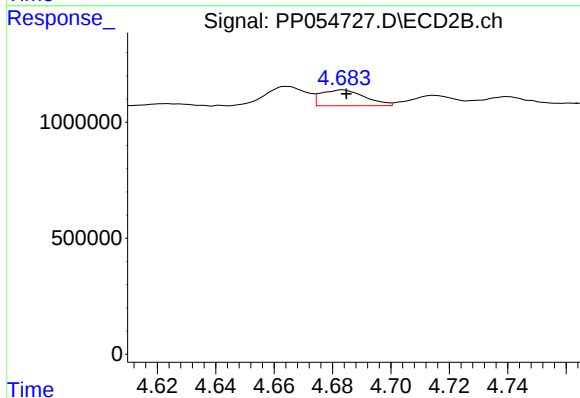
R.T.: 4.664 min
Delta R.T.: -0.002 min
Response: 827822
Conc: 19.62 ng/ml



#17 AR-1242-2

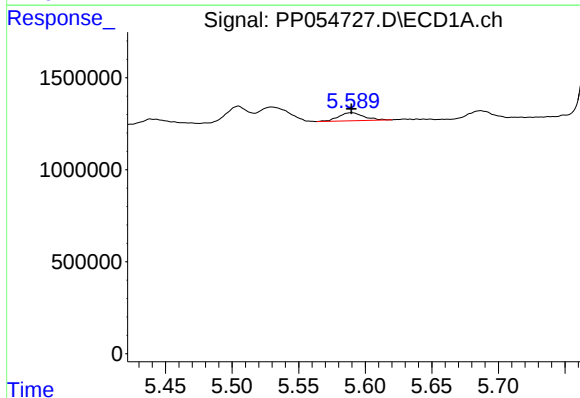
R.T.: 5.530 min
Delta R.T.: 0.002 min
Response: 1310996
Conc: 16.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



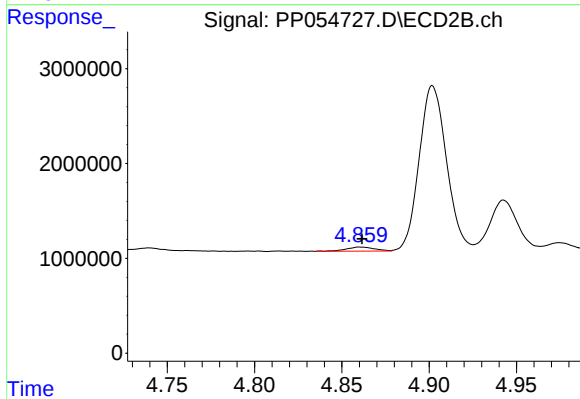
#17 AR-1242-2

R.T.: 4.683 min
Delta R.T.: -0.001 min
Response: 709925
Conc: 12.09 ng/ml



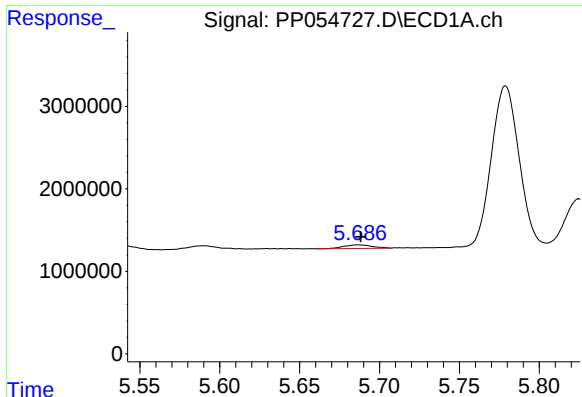
#18 AR-1242-3

R.T.: 5.590 min
Delta R.T.: 0.000 min
Response: 577038
Conc: 11.75 ng/ml



#18 AR-1242-3

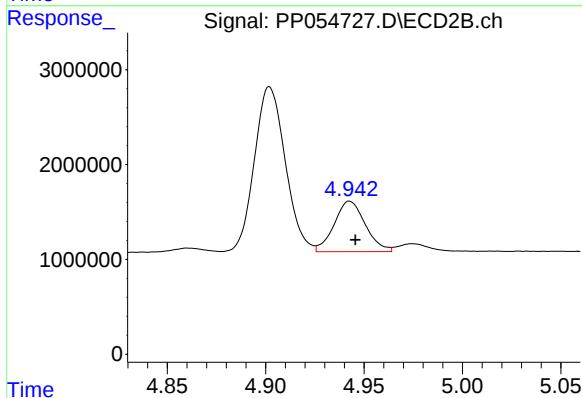
R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 481592
Conc: 15.01 ng/ml



#19 AR-1242-4

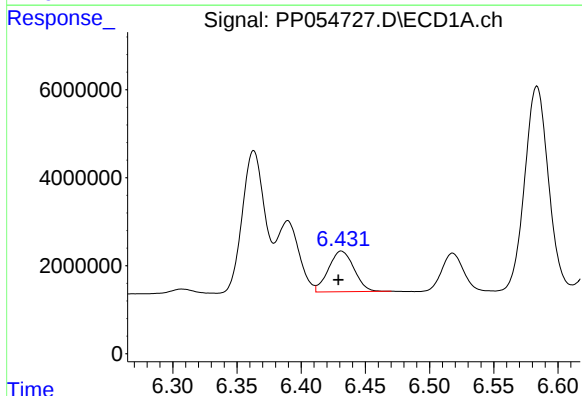
R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 536738
Conc: 13.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



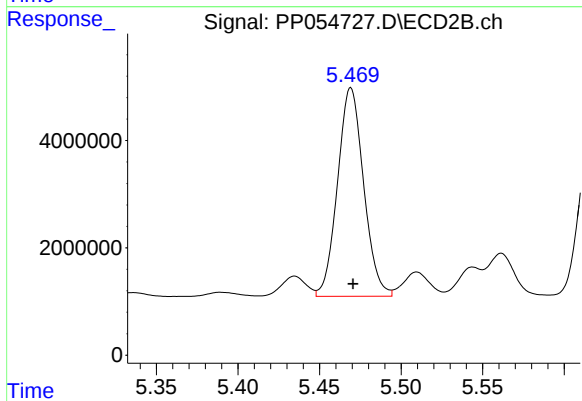
#19 AR-1242-4

R.T.: 4.943 min
Delta R.T.: -0.003 min
Response: 5890997
Conc: 167.90 ng/ml



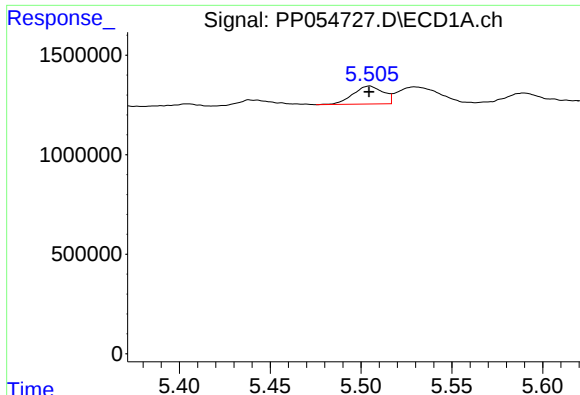
#20 AR-1242-5

R.T.: 6.431 min
Delta R.T.: 0.002 min
Response: 12802308
Conc: 354.83 ng/ml



#20 AR-1242-5

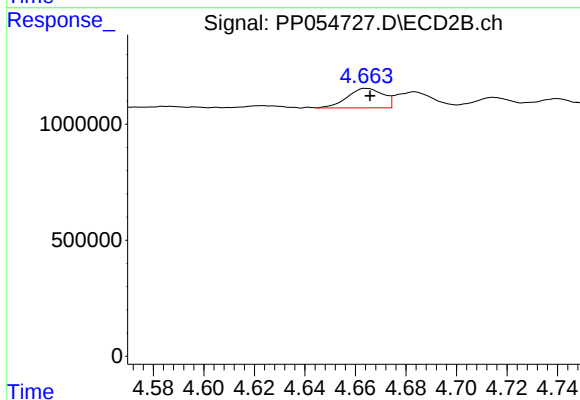
R.T.: 5.469 min
Delta R.T.: -0.001 min
Response: 43286561
Conc: 1138.80 ng/ml



#21 AR-1248-1

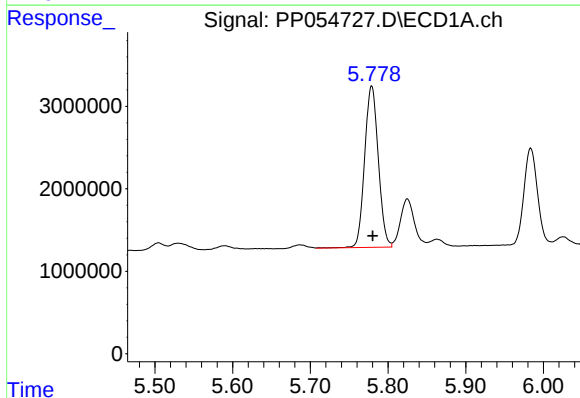
R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 1055245
Conc: 26.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



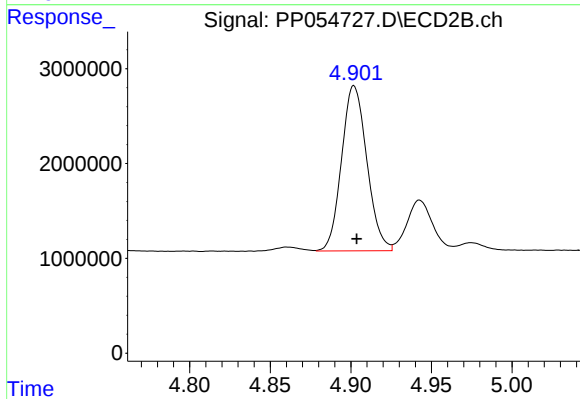
#21 AR-1248-1

R.T.: 4.664 min
Delta R.T.: -0.001 min
Response: 827822
Conc: 26.46 ng/ml



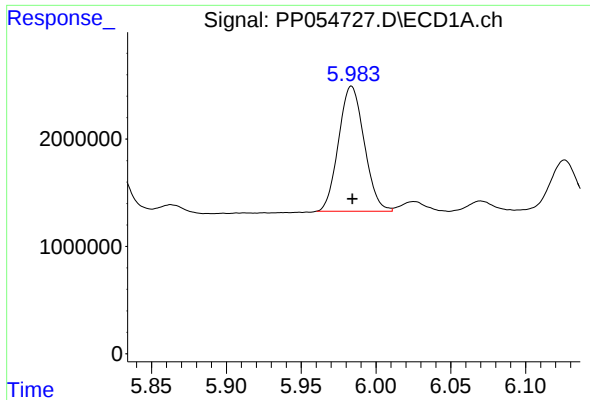
#22 AR-1248-2

R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 23895270
Conc: 402.58 ng/ml



#22 AR-1248-2

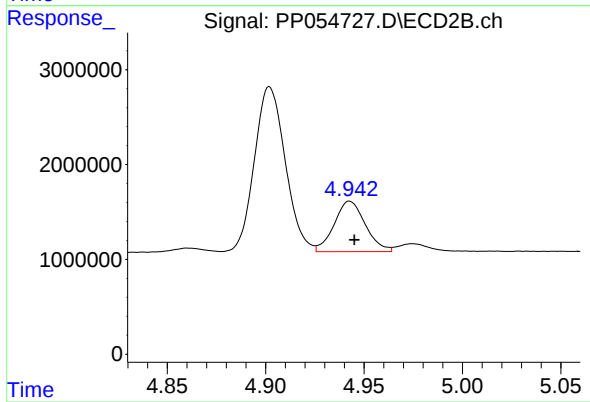
R.T.: 4.902 min
Delta R.T.: -0.002 min
Response: 19044030
Conc: 396.66 ng/ml



#23 AR-1248-3

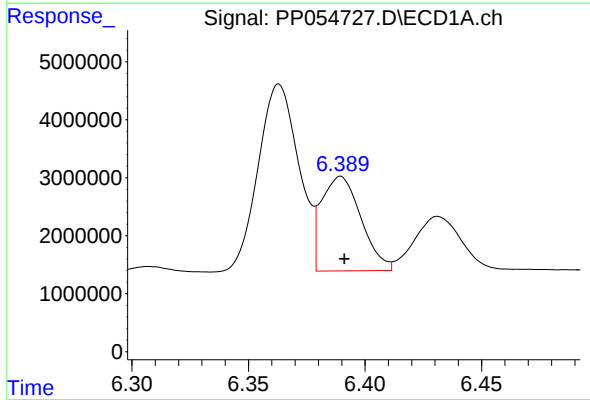
R.T.: 5.984 min
Delta R.T.: 0.000 min
Response: 13919351
Conc: 210.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



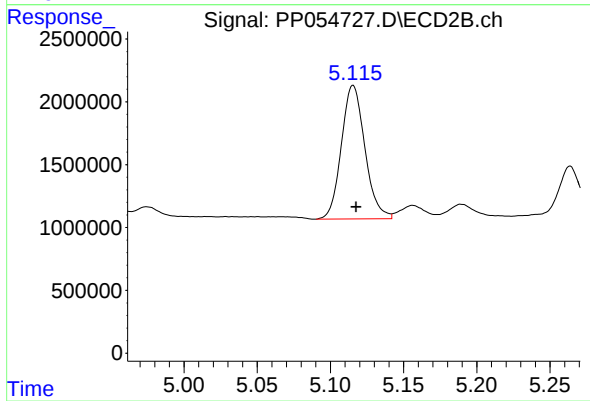
#23 AR-1248-3

R.T.: 4.943 min
Delta R.T.: -0.002 min
Response: 5890997
Conc: 115.92 ng/ml



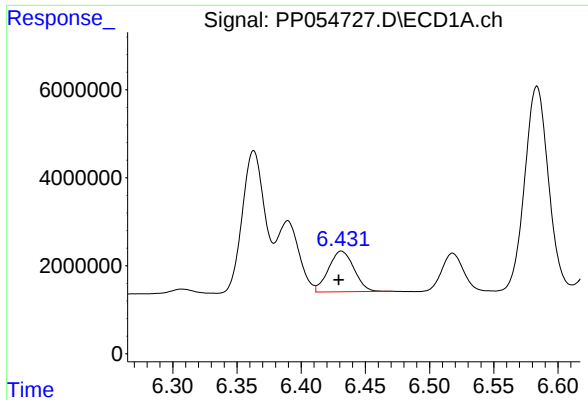
#24 AR-1248-4

R.T.: 6.390 min
Delta R.T.: -0.002 min
Response: 19245624
Conc: 288.03 ng/ml



#24 AR-1248-4

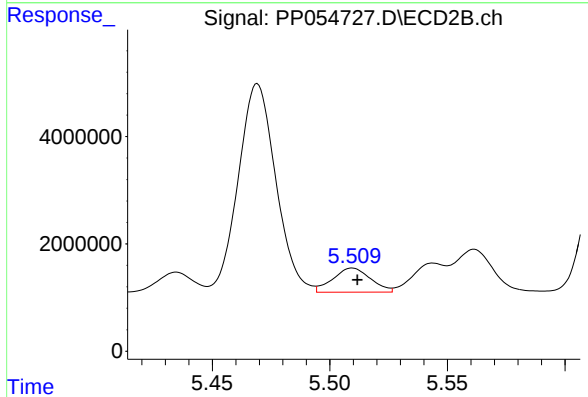
R.T.: 5.116 min
Delta R.T.: -0.002 min
Response: 11886633
Conc: 199.94 ng/ml



#25 AR-1248-5

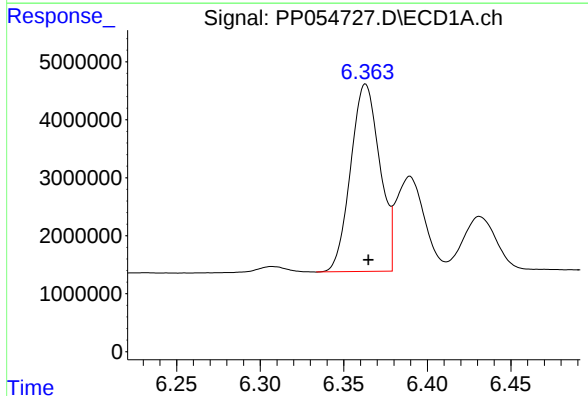
R.T.: 6.431 min
Delta R.T.: 0.002 min
Response: 12802308
Conc: 196.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



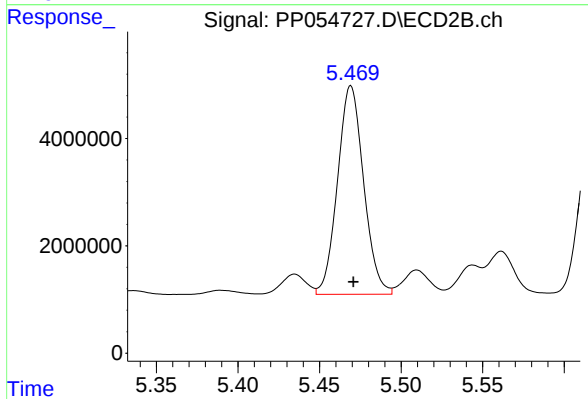
#25 AR-1248-5

R.T.: 5.510 min
Delta R.T.: -0.002 min
Response: 5025521
Conc: 98.91 ng/ml



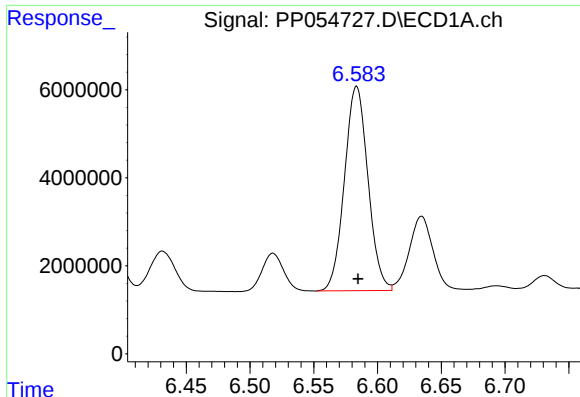
#26 AR-1254-1

R.T.: 6.363 min
Delta R.T.: -0.002 min
Response: 39200475
Conc: 554.62 ng/ml



#26 AR-1254-1

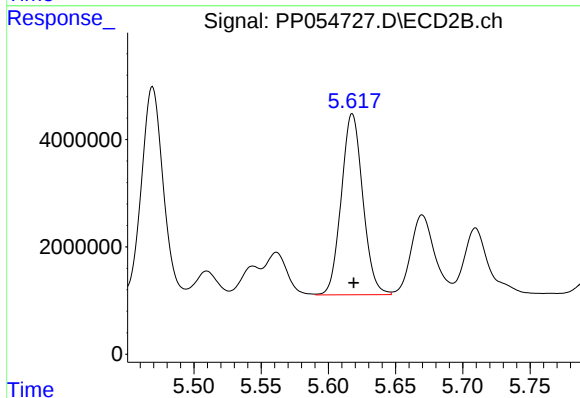
R.T.: 5.469 min
Delta R.T.: -0.002 min
Response: 43286561
Conc: 509.13 ng/ml



#27 AR-1254-2

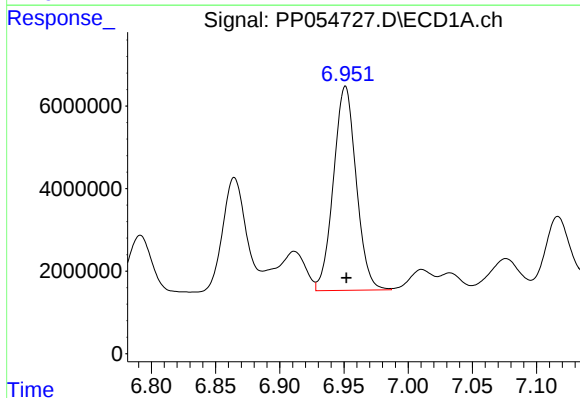
R.T.: 6.584 min
Delta R.T.: -0.001 min
Response: 59563498
Conc: 622.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



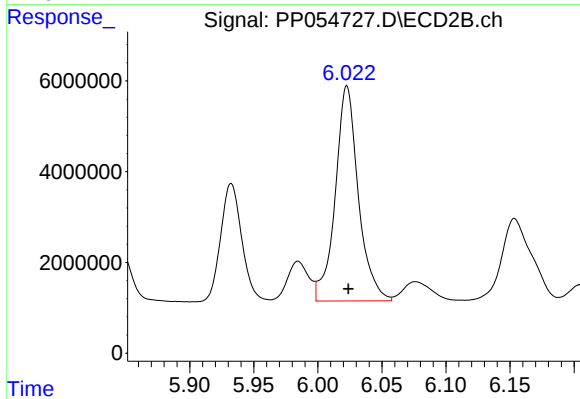
#27 AR-1254-2

R.T.: 5.618 min
Delta R.T.: -0.001 min
Response: 37489532
Conc: 515.19 ng/ml



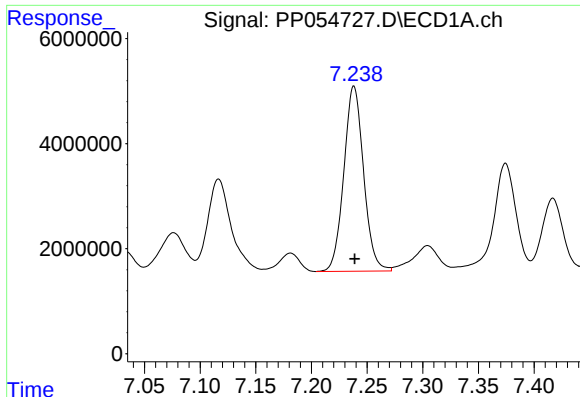
#28 AR-1254-3

R.T.: 6.951 min
Delta R.T.: 0.000 min
Response: 60942147
Conc: 702.41 ng/ml



#28 AR-1254-3

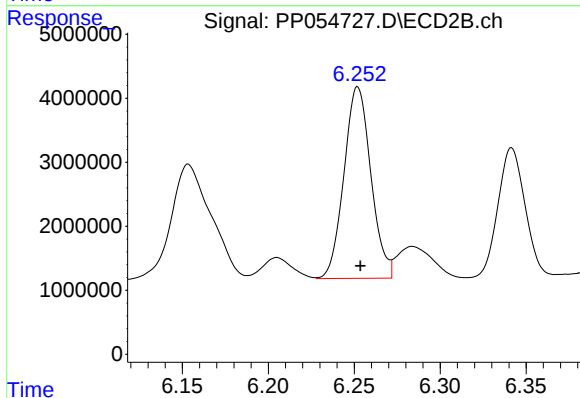
R.T.: 6.023 min
Delta R.T.: -0.001 min
Response: 59440092
Conc: 525.20 ng/ml



#29 AR-1254-4

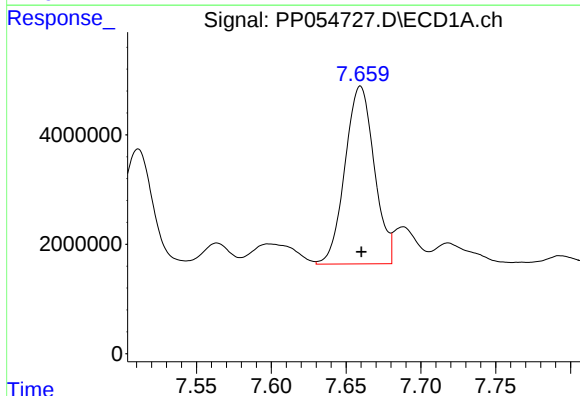
R.T.: 7.238 min
Delta R.T.: 0.000 min
Response: 43541681
Conc: 695.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



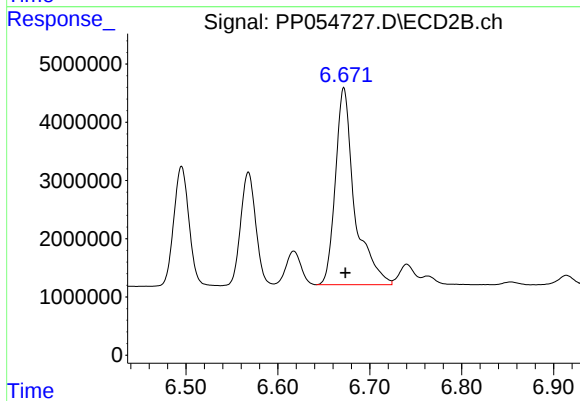
#29 AR-1254-4

R.T.: 6.252 min
Delta R.T.: -0.001 min
Response: 32641062
Conc: 524.43 ng/ml



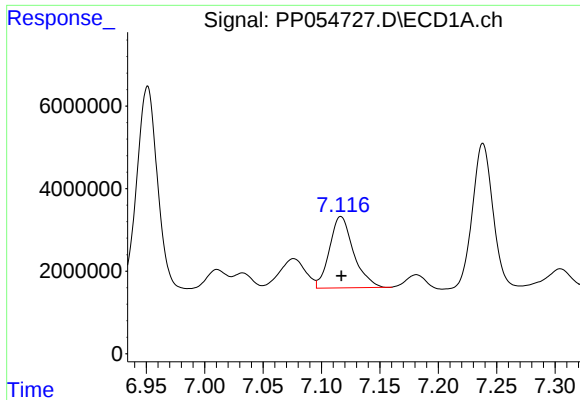
#30 AR-1254-5

R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 44169641
Conc: 631.18 ng/ml



#30 AR-1254-5

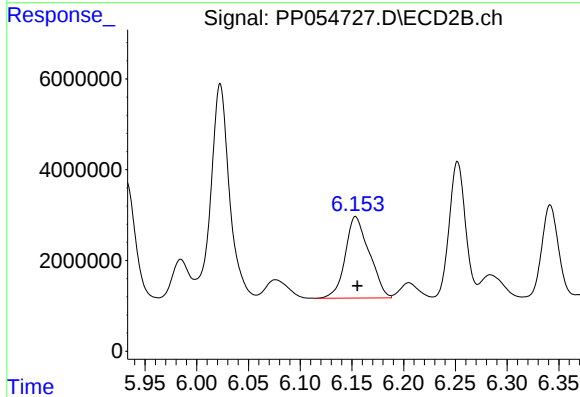
R.T.: 6.672 min
Delta R.T.: -0.002 min
Response: 49147336
Conc: 518.60 ng/ml



#31 AR-1260-1

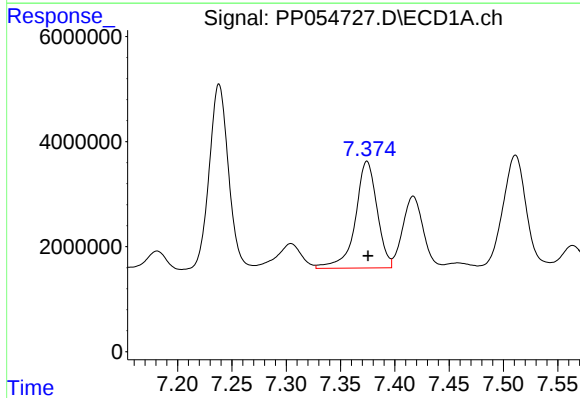
R.T.: 7.117 min
Delta R.T.: 0.000 min
Response: 24828261
Conc: 361.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



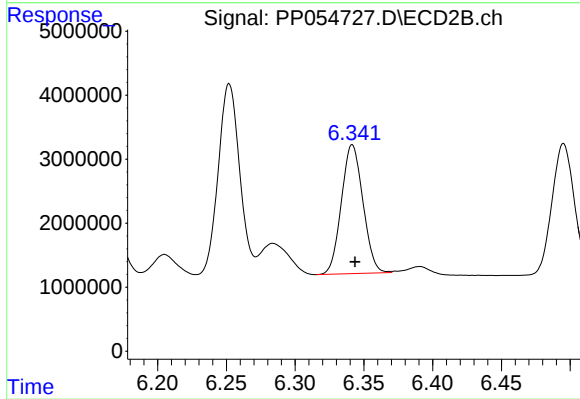
#31 AR-1260-1

R.T.: 6.154 min
Delta R.T.: -0.002 min
Response: 29012649
Conc: 349.47 ng/ml



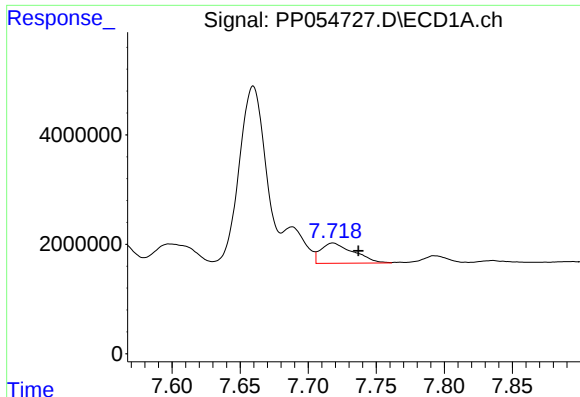
#32 AR-1260-2

R.T.: 7.374 min
Delta R.T.: -0.001 min
Response: 28291969
Conc: 353.78 ng/ml



#32 AR-1260-2

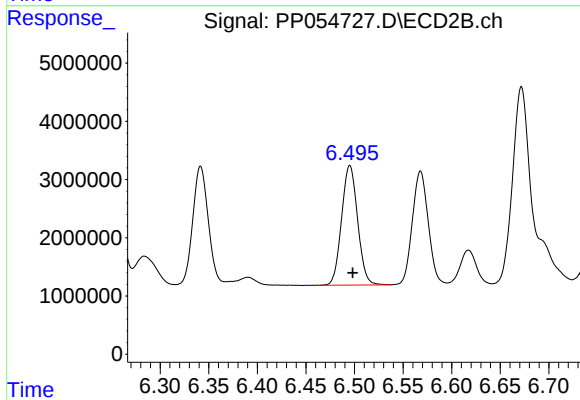
R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 21996204
Conc: 238.97 ng/ml



#33 AR-1260-3

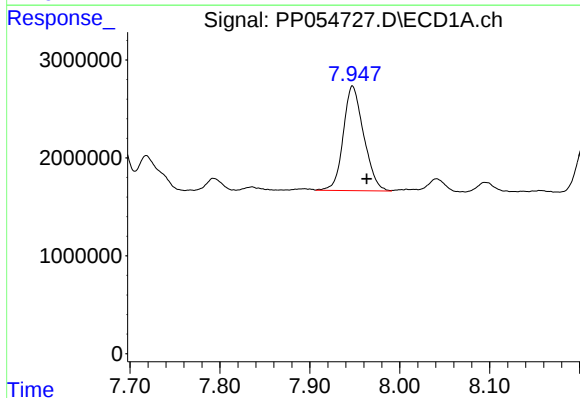
R.T.: 7.718 min
Delta R.T.: -0.019 min
Response: 6230321
Conc: 103.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



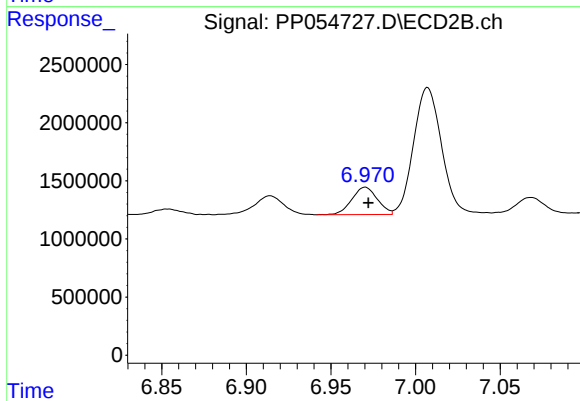
#33 AR-1260-3

R.T.: 6.495 min
Delta R.T.: -0.003 min
Response: 23576821
Conc: 262.32 ng/ml



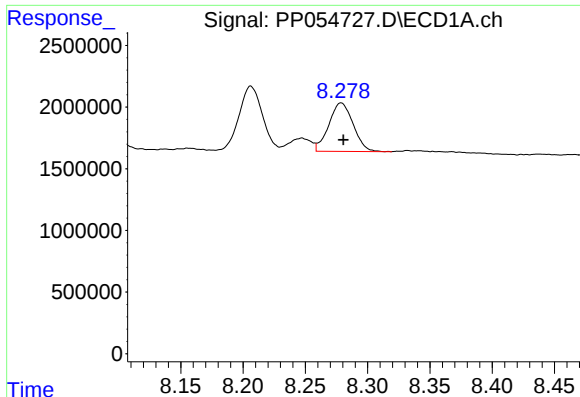
#34 AR-1260-4

R.T.: 7.948 min
Delta R.T.: -0.016 min
Response: 16875961
Conc: 241.19 ng/ml



#34 AR-1260-4

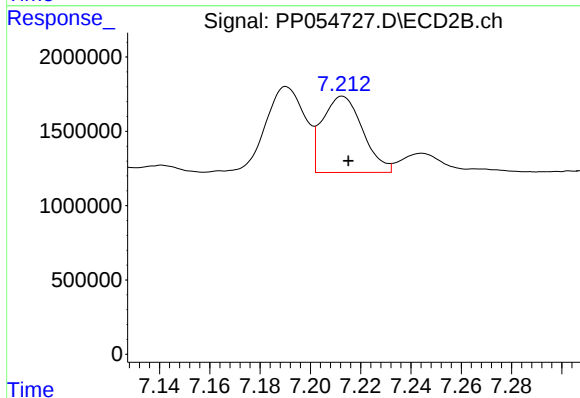
R.T.: 6.970 min
Delta R.T.: -0.002 min
Response: 2471140
Conc: 32.83 ng/ml



#35 AR-1260-5

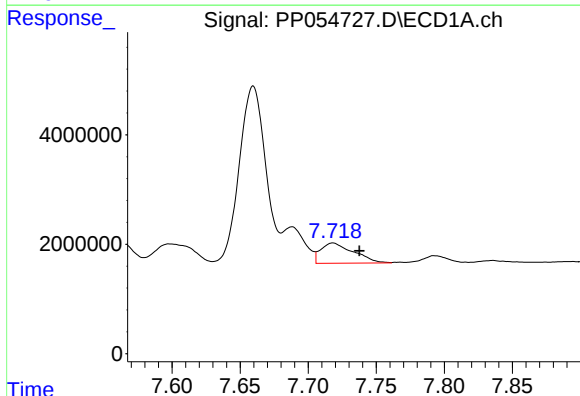
R.T.: 8.279 min
Delta R.T.: -0.002 min
Response: 5353598
Conc: 41.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



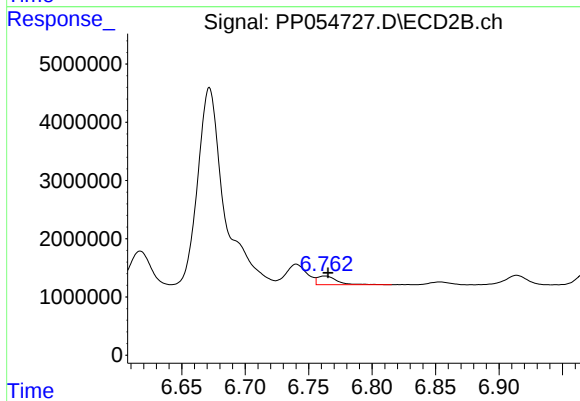
#35 AR-1260-5

R.T.: 7.213 min
Delta R.T.: -0.002 min
Response: 5708325
Conc: 35.92 ng/ml



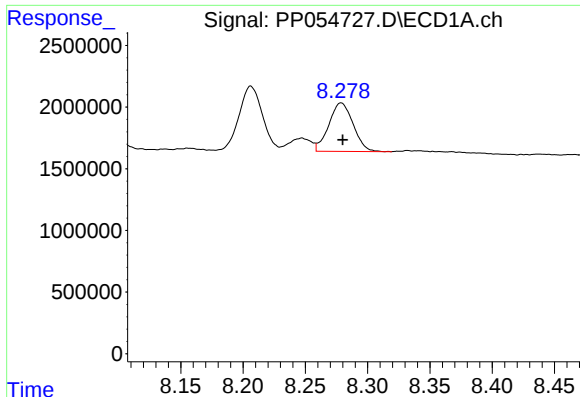
#36 AR-1262-1

R.T.: 7.718 min
Delta R.T.: -0.019 min
Response: 6230321
Conc: 76.11 ng/ml



#36 AR-1262-1

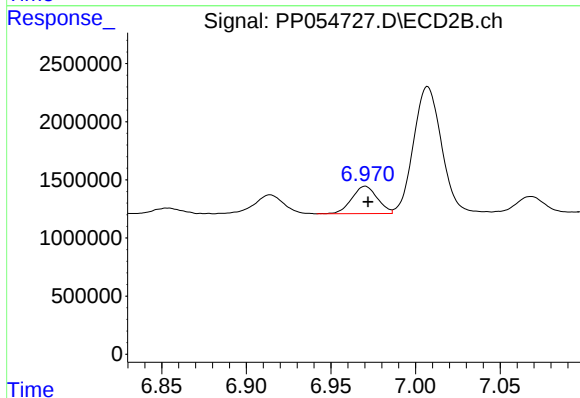
R.T.: 6.763 min
Delta R.T.: -0.002 min
Response: 1584172
Conc: 37.35 ng/ml



#37 AR-1262-2

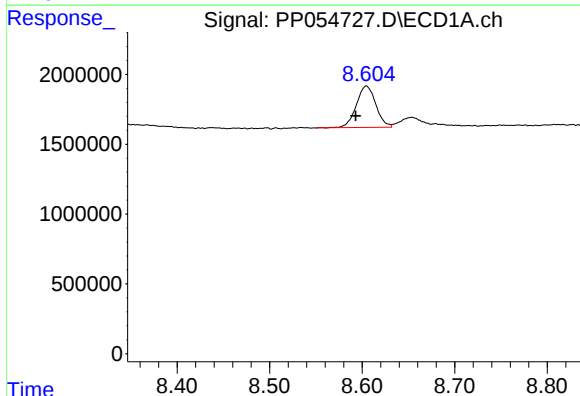
R.T.: 8.279 min
Delta R.T.: -0.001 min
Response: 5353598
Conc: 37.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



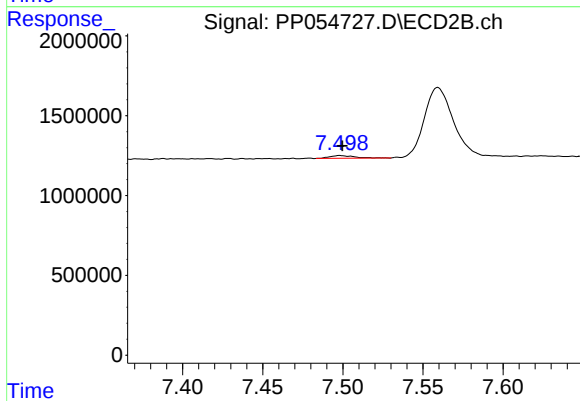
#37 AR-1262-2

R.T.: 6.970 min
Delta R.T.: -0.002 min
Response: 2471140
Conc: 26.88 ng/ml



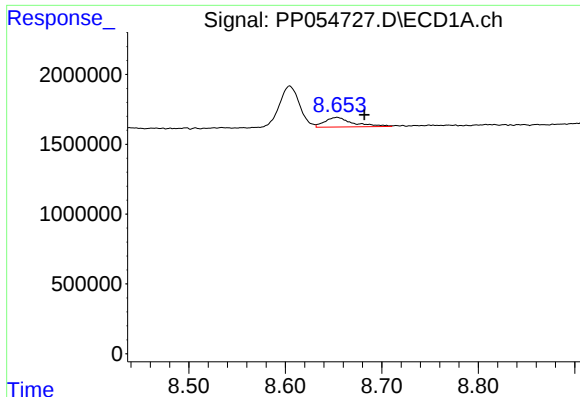
#38 AR-1262-3

R.T.: 8.605 min
Delta R.T.: 0.011 min
Response: 4341324
Conc: 42.11 ng/ml



#38 AR-1262-3

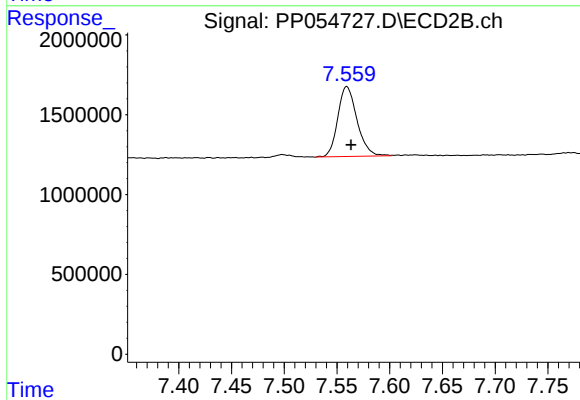
R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 186516
Conc: 2.60 ng/ml



#39 AR-1262-4

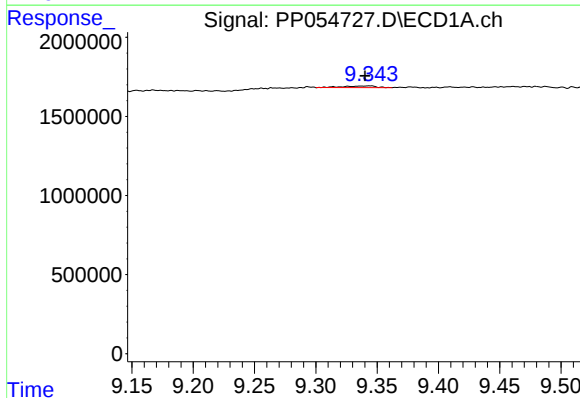
R.T.: 8.654 min
Delta R.T.: -0.028 min
Response: 1388355
Conc: 27.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



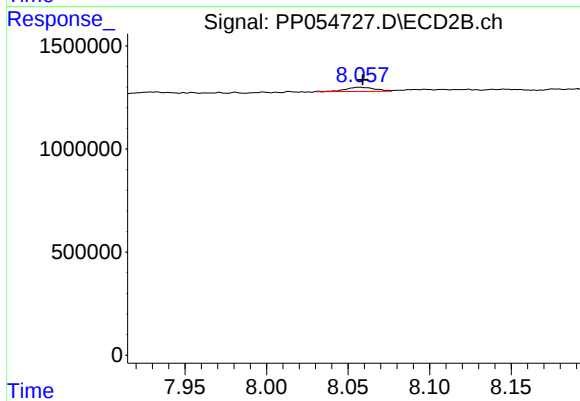
#39 AR-1262-4

R.T.: 7.559 min
Delta R.T.: -0.004 min
Response: 5567296
Conc: 43.05 ng/ml



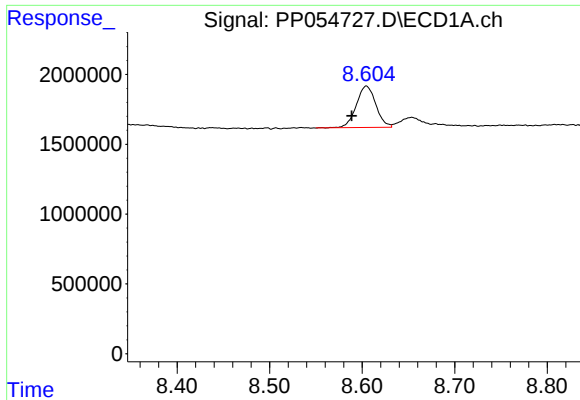
#40 AR-1262-5

R.T.: 9.344 min
Delta R.T.: 0.004 min
Response: 203360
Conc: 3.57 ng/ml



#40 AR-1262-5

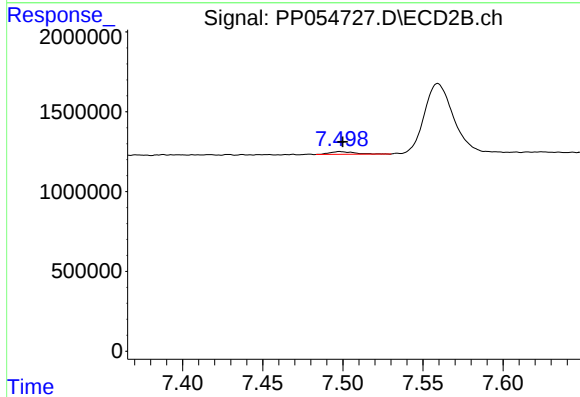
R.T.: 8.057 min
Delta R.T.: -0.002 min
Response: 248071
Conc: 4.16 ng/ml



#41 AR-1268-1

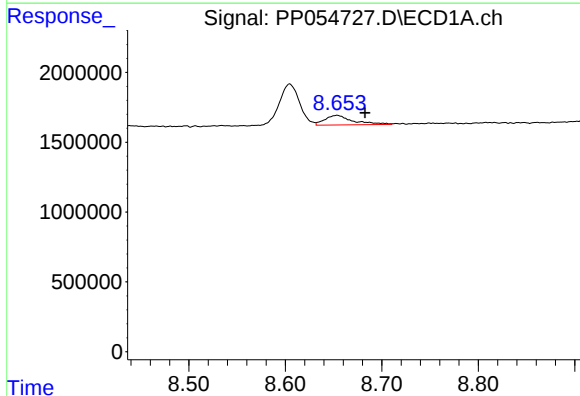
R.T.: 8.605 min
Delta R.T.: 0.016 min
Response: 4341324
Conc: 23.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



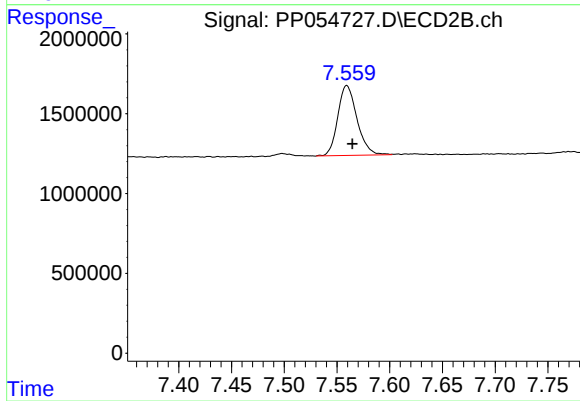
#41 AR-1268-1

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 186516
Conc: 0.86 ng/ml



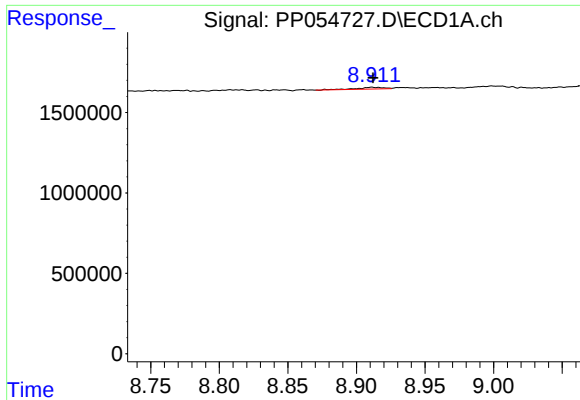
#42 AR-1268-2

R.T.: 8.654 min
Delta R.T.: -0.029 min
Response: 1388355
Conc: 8.19 ng/ml



#42 AR-1268-2

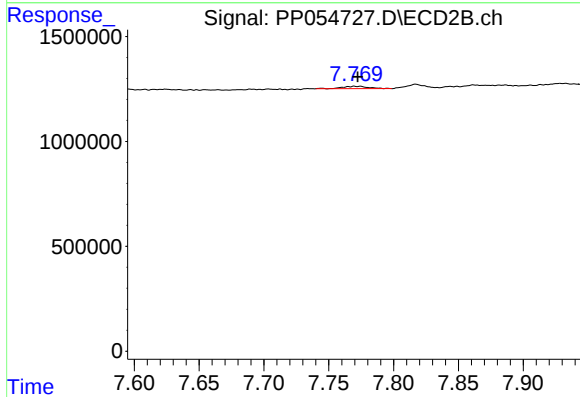
R.T.: 7.559 min
Delta R.T.: -0.005 min
Response: 5567296
Conc: 28.42 ng/ml



#43 AR-1268-3

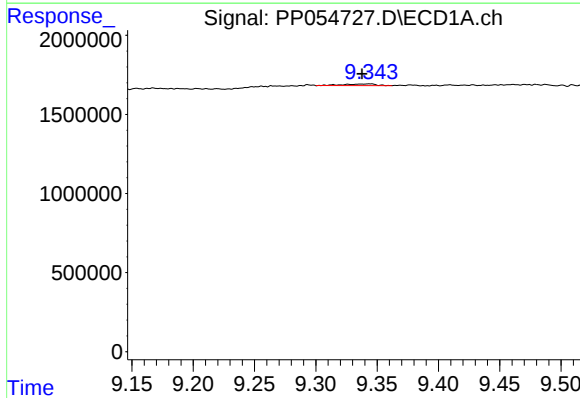
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 147635
Conc: 0.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



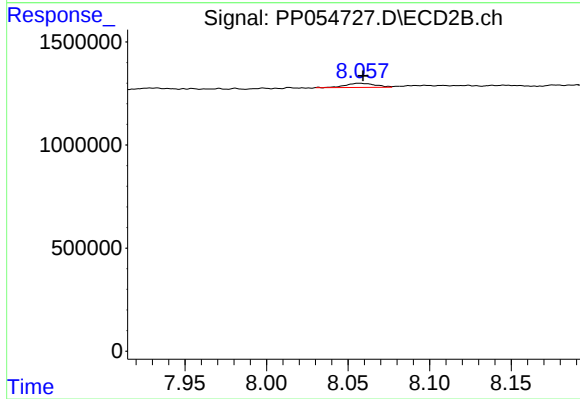
#43 AR-1268-3

R.T.: 7.770 min
Delta R.T.: -0.002 min
Response: 155048
Conc: 0.88 ng/ml



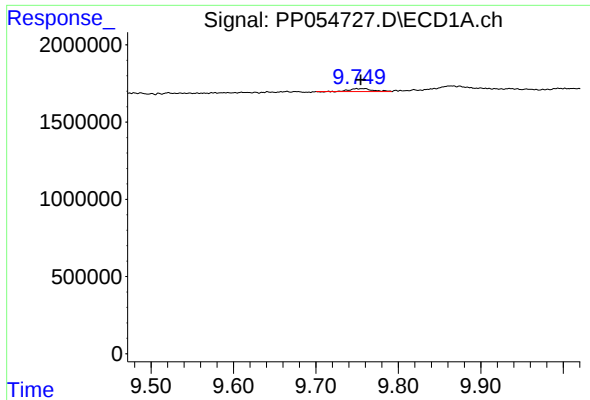
#44 AR-1268-4

R.T.: 9.344 min
Delta R.T.: 0.006 min
Response: 203360
Conc: 3.15 ng/ml



#44 AR-1268-4

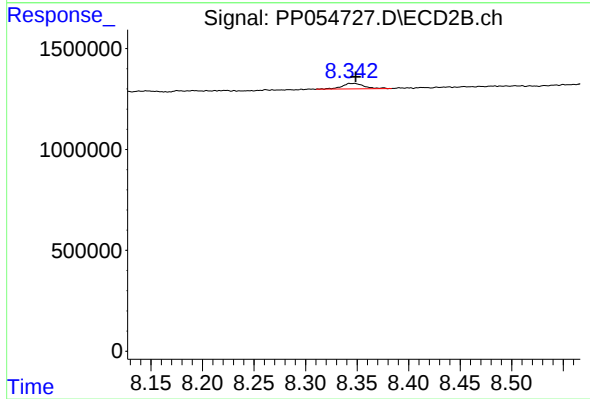
R.T.: 8.057 min
Delta R.T.: -0.002 min
Response: 248071
Conc: 3.67 ng/ml



#45 AR-1268-5

R.T.: 9.760 min
Delta R.T.: 0.005 min
Response: 351510
Conc: 0.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.347 min
Delta R.T.: -0.002 min
Response: 401033
Conc: 0.78 ng/ml