

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080619\
 Data File : PR040162.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2019 12:56
 Operator : SM\AJ
 Sample : K4151-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 S5-05-B

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 13:51:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 05 03:12:12 2019
 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...	3.751	4.594	58229011	255.1E6	23.809	24.475
2)	SA Decachlor...	8.683	10.319	32028456	140.3E6	13.194	14.781
Target Compounds							
3)	L1 AR-1016-1	4.754	5.776	1875454	5161417	23.123	15.170 #
4)	L1 AR-1016-2	0.000	5.776	0	5161417	N.D.	10.471 #
5)	L1 AR-1016-3	5.048	5.776	2374479	5161417	37.519	17.676 #
6)	L1 AR-1016-4	5.048	5.906	2374479	9994298	46.507	41.021
7)	L1 AR-1016-5	5.218	6.225	2579152	10673333	38.154	46.742
10)	L2 AR-1221-3	4.178	0.000	9130729	0	134.292	N.D. #
11)	L3 AR-1232-1	4.178	0.000	9130729	0	159.255	N.D. #
13)	L3 AR-1232-3	5.048	5.776	2374479	5161417	75.417	21.353 #
14)	L3 AR-1232-4	5.048	5.906	2374479	9994298	84.008	83.747
15)	L3 AR-1232-5	5.218	6.017	2579152	8756642	81.929	103.941 #
16)	L4 AR-1242-1	4.754	5.776	1875454	5161417	26.256	17.529 #
17)	L4 AR-1242-2	0.000	5.776	0	5161417	N.D.	12.198 #
18)	L4 AR-1242-3	5.048	5.776	2374479	5161417	42.344	20.551 #
19)	L4 AR-1242-4	5.048	5.906	2374479	9994298	42.940	47.564
20)	L4 AR-1242-5	5.602	6.632	23466213	104.6E6	318.326	465.915 #
21)	L5 AR-1248-1	4.754	5.776	1875454	5161417	27.602	18.833 #
22)	L5 AR-1248-2	5.048	6.017	2374479	8756642	25.923	24.624
23)	L5 AR-1248-3	5.048	6.225	2374479	10673333	24.903	26.231
24)	L5 AR-1248-4	5.218	6.632	2579152	104.6E6	21.955	218.045 #
25)	L5 AR-1248-5	5.632	6.632	6203611	104.6E6	50.983	230.609 #
26)	L6 AR-1254-1	5.602	6.588	23466213	87586815	125.686	191.606 #
27)	L6 AR-1254-2	5.746	6.806	28916107	149.6E6	180.200	206.188
28)	L6 AR-1254-3	6.144	7.172	80295686	237.4E6	294.080	292.395
29)	L6 AR-1254-4	6.368	7.452	52678684	182.0E6	254.716	299.130
30)	L6 AR-1254-5	6.779	7.888	290.4E6	829.5E6	1201.286	1303.098
31)	L7 AR-1260-1	6.271	7.330	37369742	106.2E6	284.250	261.949
32)	L7 AR-1260-2	6.456	7.581	48381540	512.7E6	289.927	1047.840 #
33)	L7 AR-1260-3	6.606	7.932	45029421	38424978	301.914	100.394 #
34)	L7 AR-1260-4	7.071	8.159	10316493	142.4E6	80.688	324.637 #
35)	L7 AR-1260-5	7.310	8.493	17253234	91788972	54.923	98.311 #
36)	L8 AR-1262-1	6.867	7.932	4422185	38424978	55.841	58.733
37)	L8 AR-1262-2	7.310	8.493	17253234	91788972	42.454	73.061 #
38)	L8 AR-1262-3	7.590	8.807	9458298	36137778	61.348	44.117 #
39)	L8 AR-1262-4	7.653	8.900	22915159	40885689	79.344	65.052
40)	L8 AR-1262-5	8.196	9.566	85654003	15829901	653.309	34.238 #
41)	L9 AR-1268-1	7.590	8.807	9458298	36137778	14.645	17.316
42)	L9 AR-1268-2	7.653	8.900	22915159	40885689	38.571	20.578 #
43)	L9 AR-1268-3	7.856	9.130	7609359	29609370	15.953	17.731
44)	L9 AR-1268-4	8.196	9.566	85654003	15829901	408.306	21.704 #

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 S5-05-B

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 13:51:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080519.M
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 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
45) L9	AR-1268-5	8.433	9.982	20604855	87853764	12.829	14.802

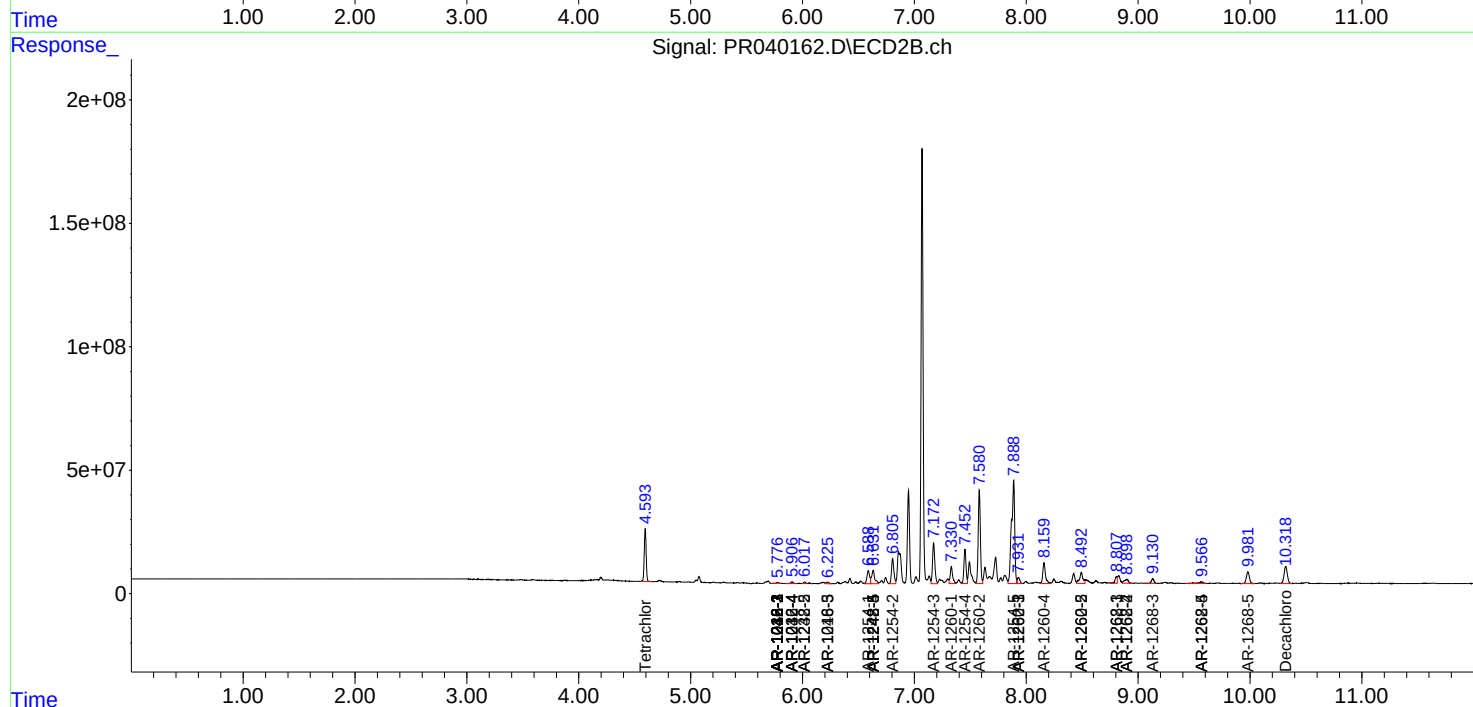
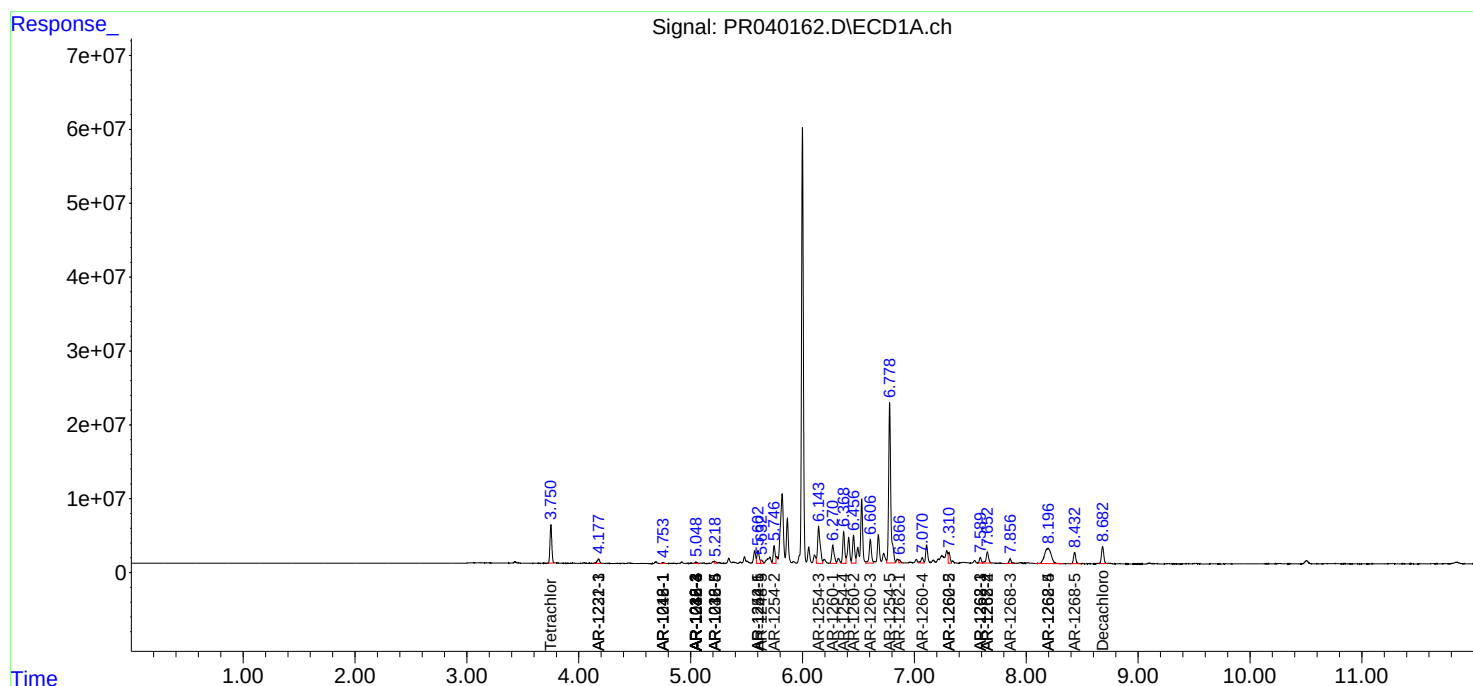
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

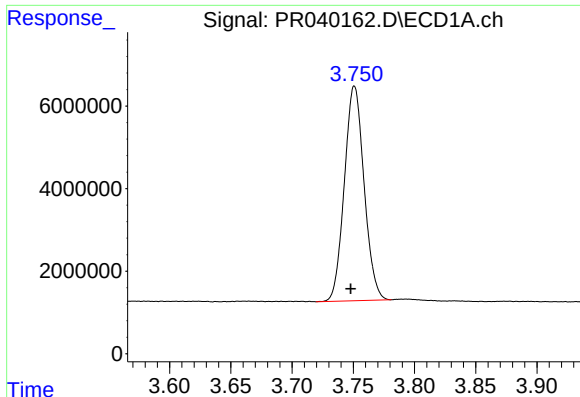
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080619\
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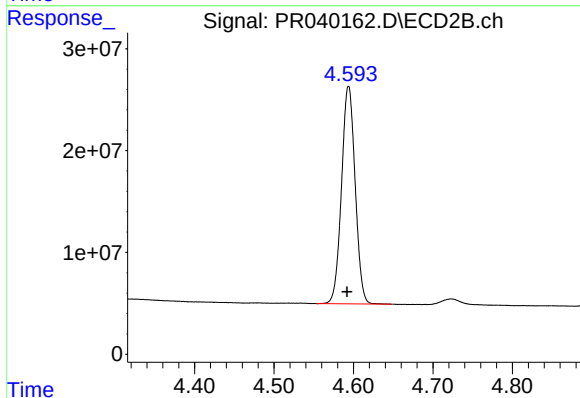




#1 Tetrachloro-m-xylene

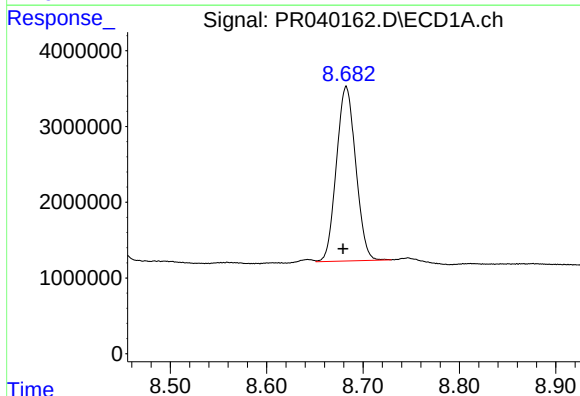
R.T.: 3.751 min
Delta R.T.: 0.003 min
Response: 58229011
Conc: 23.81 ng/ml

Instrument :
ECD_R
ClientSampleId :
S5-05-B



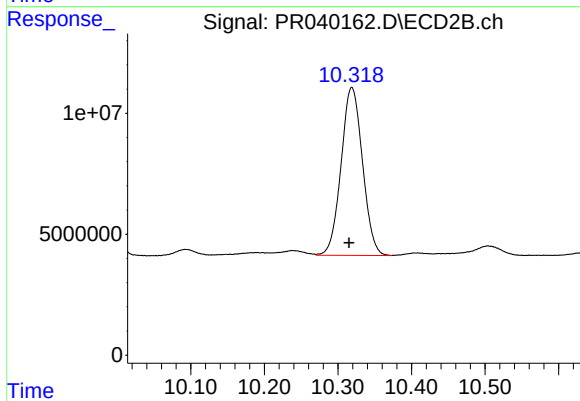
#1 Tetrachloro-m-xylene

R.T.: 4.594 min
Delta R.T.: 0.002 min
Response: 255078872
Conc: 24.47 ng/ml



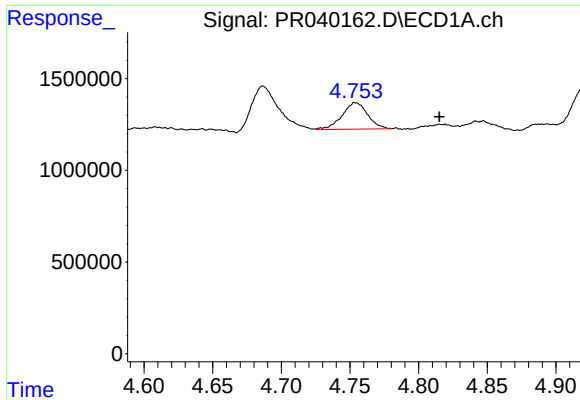
#2 Decachlorobiphenyl

R.T.: 8.683 min
Delta R.T.: 0.003 min
Response: 32028456
Conc: 13.19 ng/ml



#2 Decachlorobiphenyl

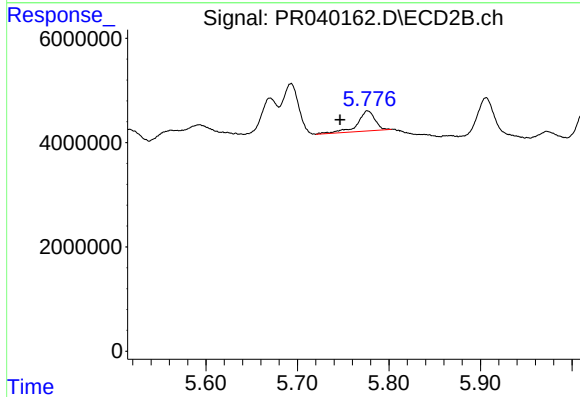
R.T.: 10.319 min
Delta R.T.: 0.004 min
Response: 140337672
Conc: 14.78 ng/ml



#3 AR-1016-1

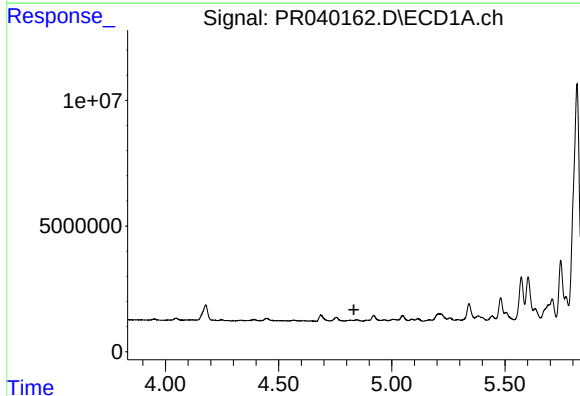
R.T.: 4.754 min
Delta R.T.: -0.061 min
Response: 1875454
Conc: 23.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
S5-05-B



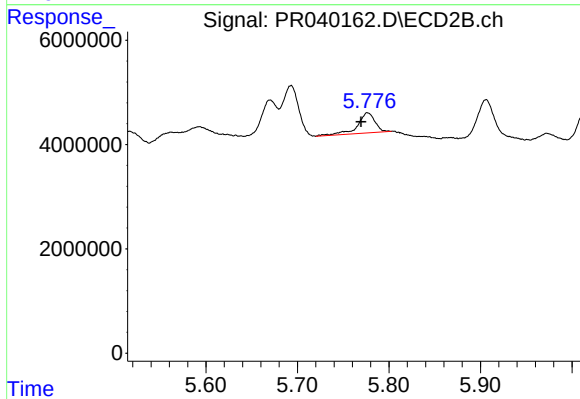
#3 AR-1016-1

R.T.: 5.776 min
Delta R.T.: 0.030 min
Response: 5161417
Conc: 15.17 ng/ml



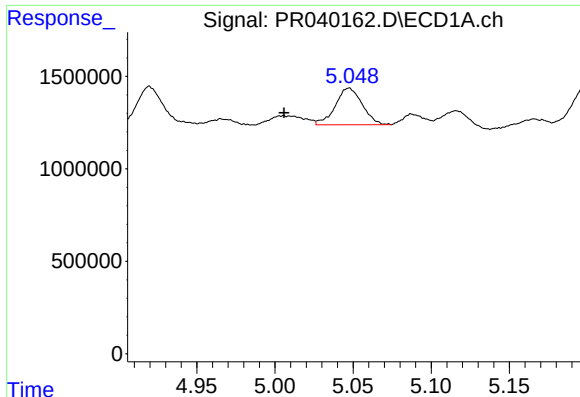
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 4.832 min
Response: 0
Conc: N.D.



#4 AR-1016-2

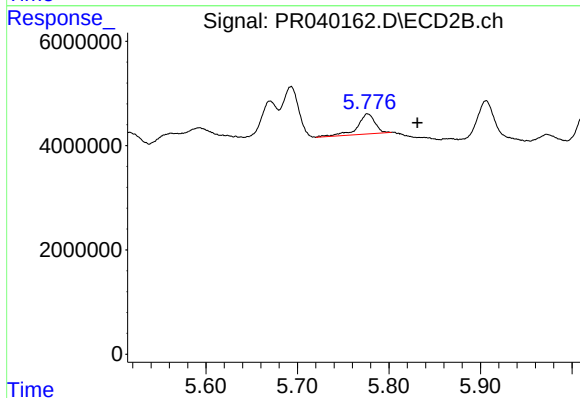
R.T.: 5.776 min
Delta R.T.: 0.007 min
Response: 5161417
Conc: 10.47 ng/ml



#5 AR-1016-3

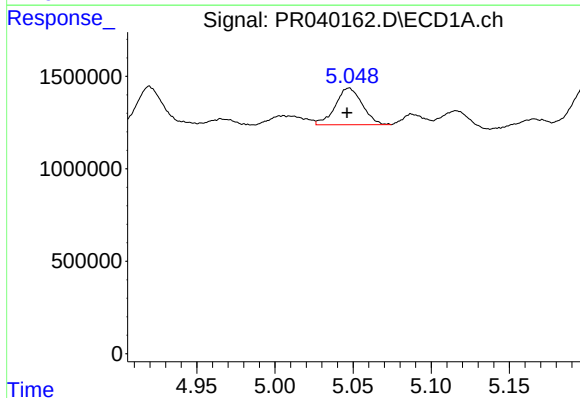
R.T.: 5.048 min
Delta R.T.: 0.042 min
Response: 2374479
Conc: 37.52 ng/ml

Instrument :
ECD_R
ClientSampleId :
S5-05-B



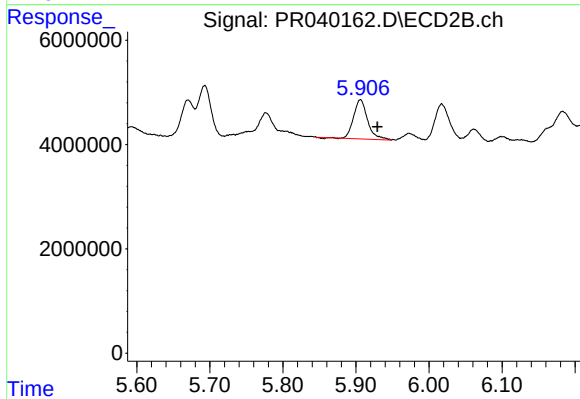
#5 AR-1016-3

R.T.: 5.776 min
Delta R.T.: -0.055 min
Response: 5161417
Conc: 17.68 ng/ml



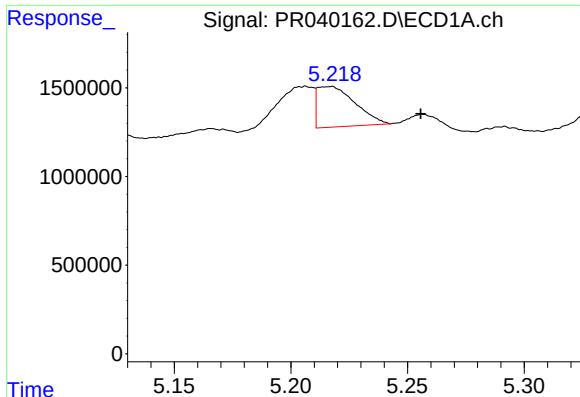
#6 AR-1016-4

R.T.: 5.048 min
Delta R.T.: 0.002 min
Response: 2374479
Conc: 46.51 ng/ml



#6 AR-1016-4

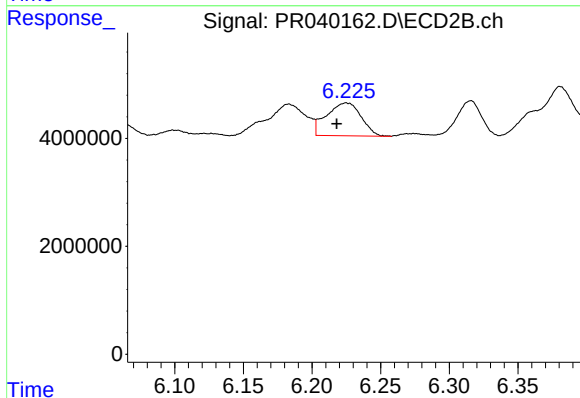
R.T.: 5.906 min
Delta R.T.: -0.023 min
Response: 9994298
Conc: 41.02 ng/ml



#7 AR-1016-5

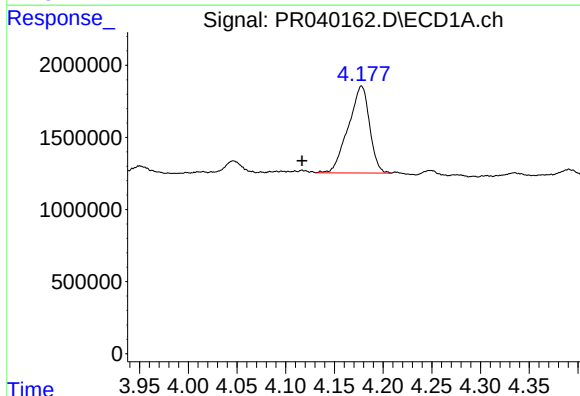
R.T.: 5.218 min
Delta R.T.: -0.038 min
Response: 2579152
Conc: 38.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
S5-05-B



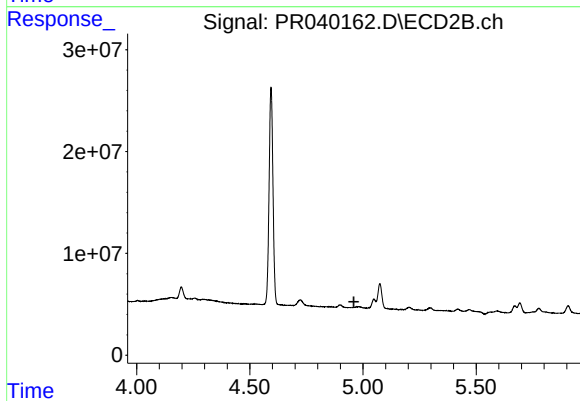
#7 AR-1016-5

R.T.: 6.225 min
Delta R.T.: 0.007 min
Response: 10673333
Conc: 46.74 ng/ml



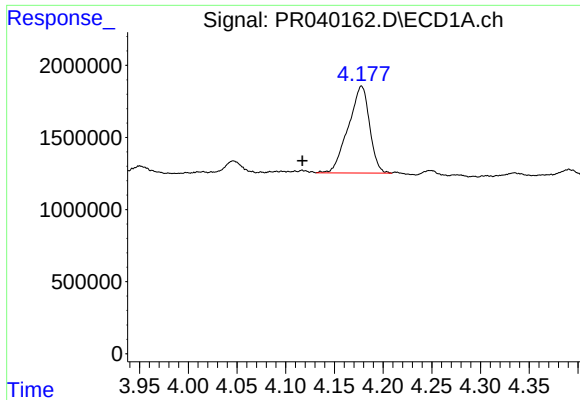
#10 AR-1221-3

R.T.: 4.178 min
Delta R.T.: 0.061 min
Response: 9130729
Conc: 134.29 ng/ml



#10 AR-1221-3

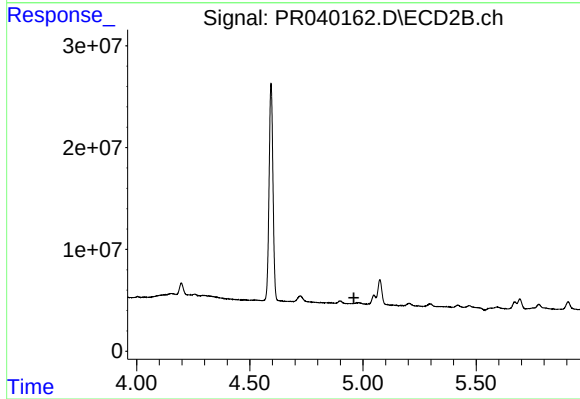
R.T.: 0.000 min
Exp R.T.: 4.960 min
Response: 0
Conc: N.D.



#11 AR-1232-1

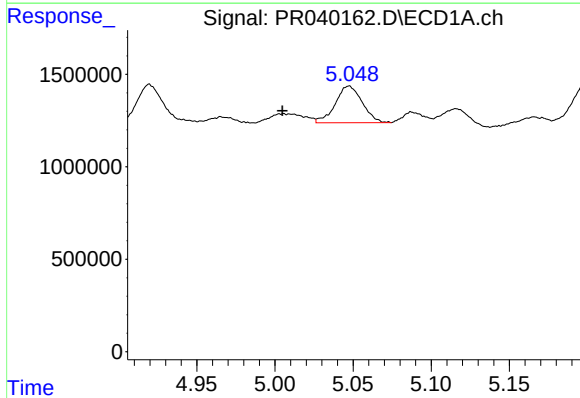
R.T.: 4.178 min
Delta R.T.: 0.061 min
Response: 9130729
Conc: 159.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
S5-05-B



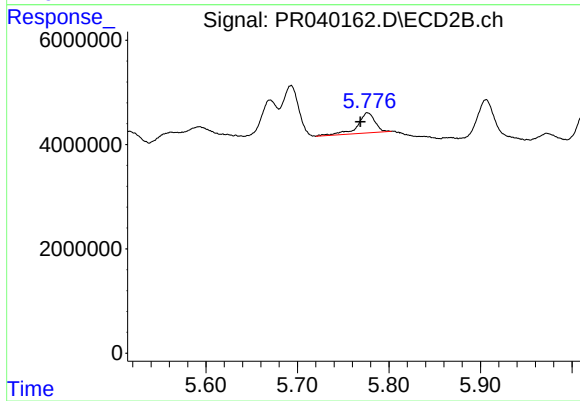
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.960 min
Response: 0
Conc: N.D.



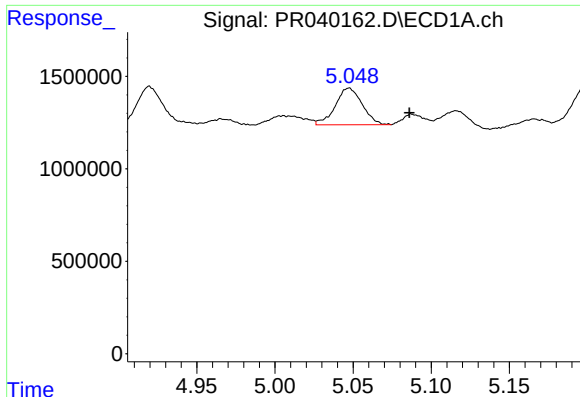
#13 AR-1232-3

R.T.: 5.048 min
Delta R.T.: 0.043 min
Response: 2374479
Conc: 75.42 ng/ml



#13 AR-1232-3

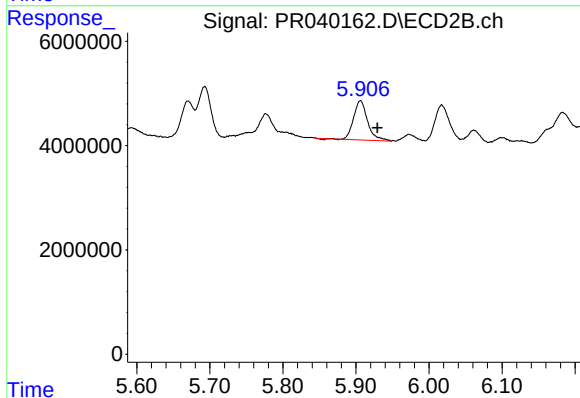
R.T.: 5.776 min
Delta R.T.: 0.007 min
Response: 5161417
Conc: 21.35 ng/ml



#14 AR-1232-4

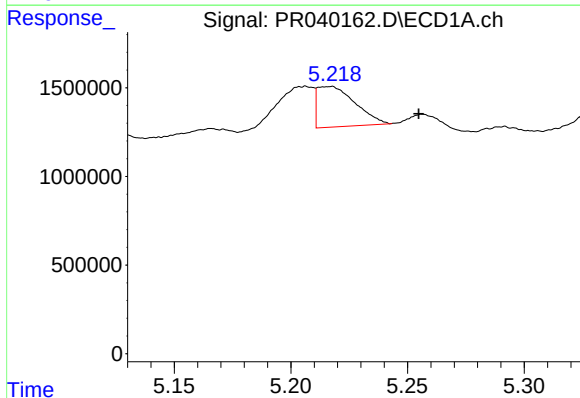
R.T.: 5.048 min
Delta R.T.: -0.039 min
Response: 2374479
Conc: 84.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
S5-05-B



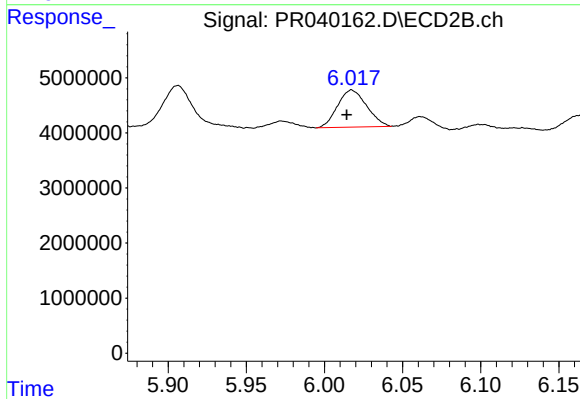
#14 AR-1232-4

R.T.: 5.906 min
Delta R.T.: -0.023 min
Response: 9994298
Conc: 83.75 ng/ml



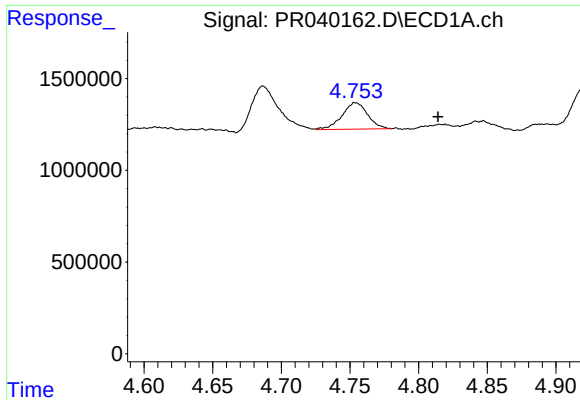
#15 AR-1232-5

R.T.: 5.218 min
Delta R.T.: -0.037 min
Response: 2579152
Conc: 81.93 ng/ml



#15 AR-1232-5

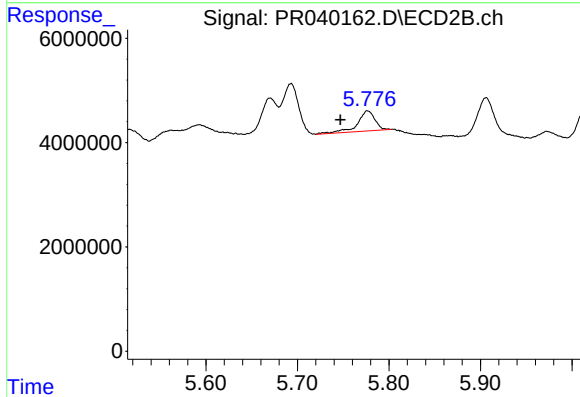
R.T.: 6.017 min
Delta R.T.: 0.003 min
Response: 8756642
Conc: 103.94 ng/ml



#16 AR-1242-1

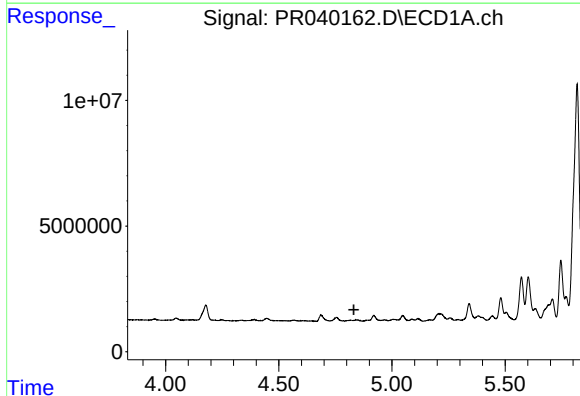
R.T.: 4.754 min
Delta R.T.: -0.061 min
Response: 1875454
Conc: 26.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
S5-05-B



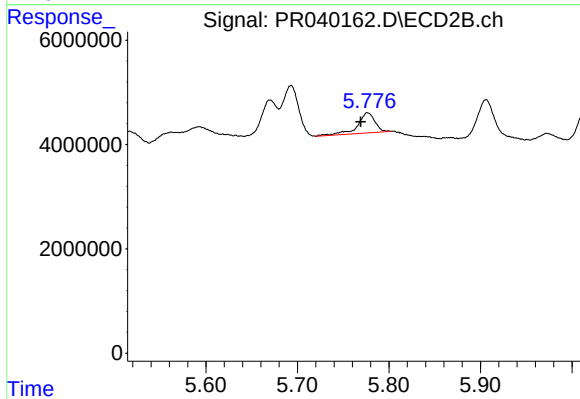
#16 AR-1242-1

R.T.: 5.776 min
Delta R.T.: 0.029 min
Response: 5161417
Conc: 17.53 ng/ml



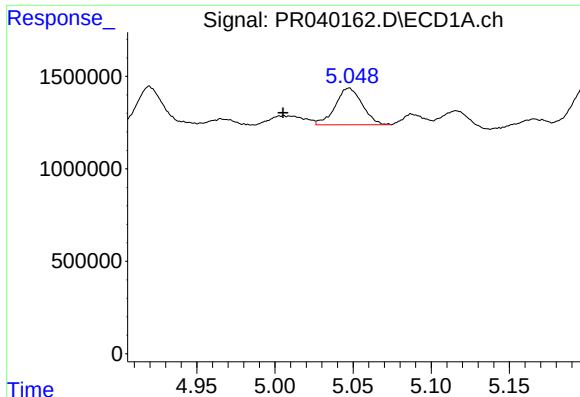
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.832 min
Response: 0
Conc: N.D.



#17 AR-1242-2

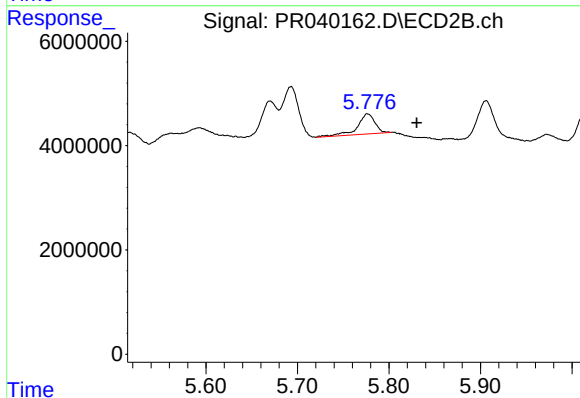
R.T.: 5.776 min
Delta R.T.: 0.007 min
Response: 5161417
Conc: 12.20 ng/ml



#18 AR-1242-3

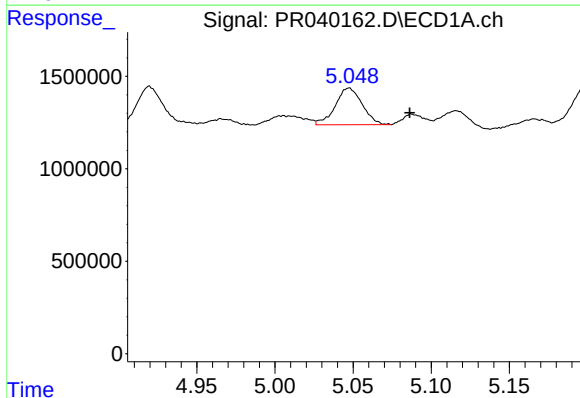
R.T.: 5.048 min
Delta R.T.: 0.042 min
Response: 2374479
Conc: 42.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
S5-05-B



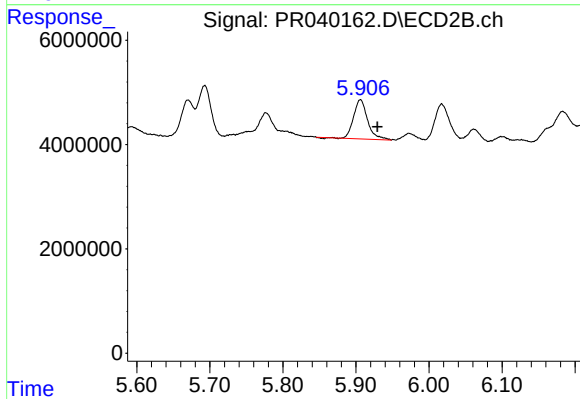
#18 AR-1242-3

R.T.: 5.776 min
Delta R.T.: -0.054 min
Response: 5161417
Conc: 20.55 ng/ml



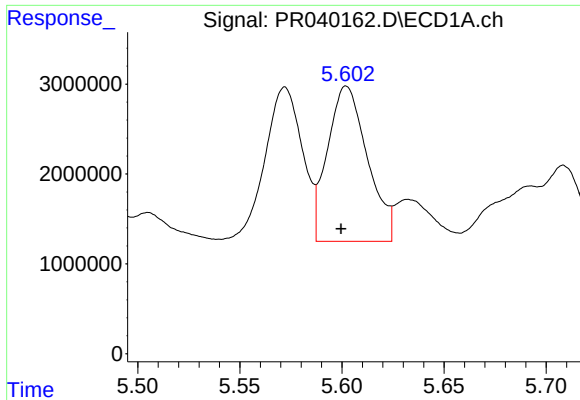
#19 AR-1242-4

R.T.: 5.048 min
Delta R.T.: -0.039 min
Response: 2374479
Conc: 42.94 ng/ml



#19 AR-1242-4

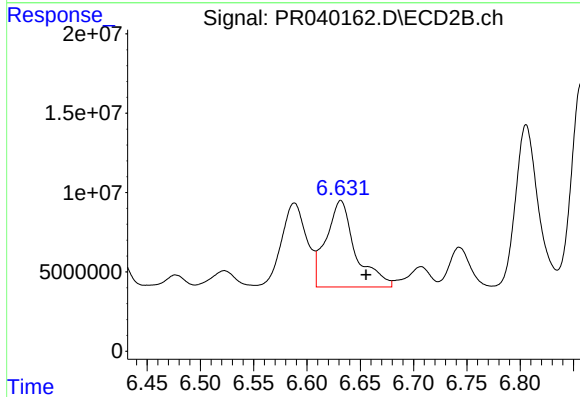
R.T.: 5.906 min
Delta R.T.: -0.023 min
Response: 9994298
Conc: 47.56 ng/ml



#20 AR-1242-5

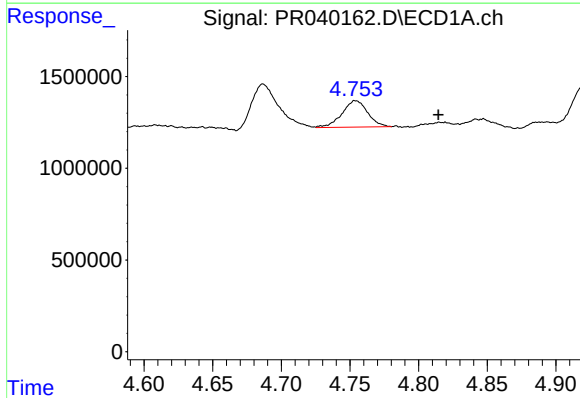
R.T.: 5.602 min
Delta R.T.: 0.003 min
Response: 23466213
Conc: 318.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
S5-05-B



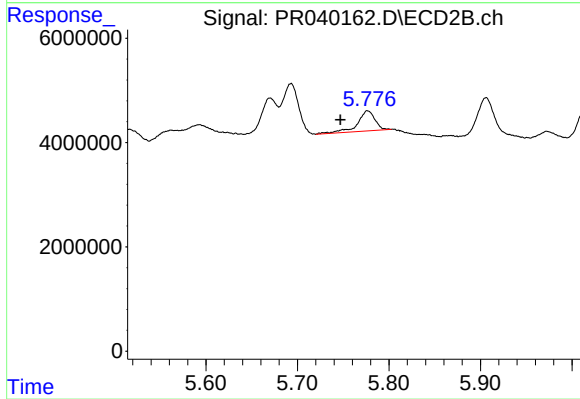
#20 AR-1242-5

R.T.: 6.632 min
Delta R.T.: -0.024 min
Response: 104553894
Conc: 465.91 ng/ml



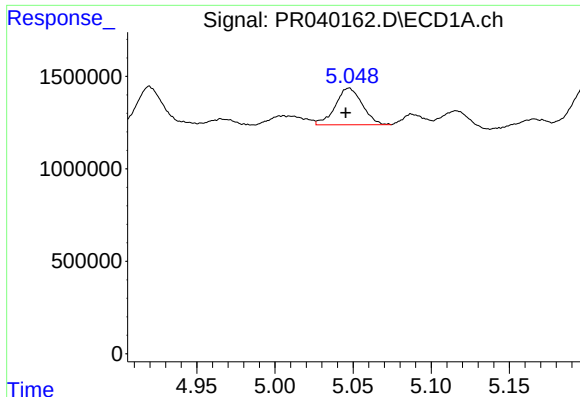
#21 AR-1248-1

R.T.: 4.754 min
Delta R.T.: -0.061 min
Response: 1875454
Conc: 27.60 ng/ml



#21 AR-1248-1

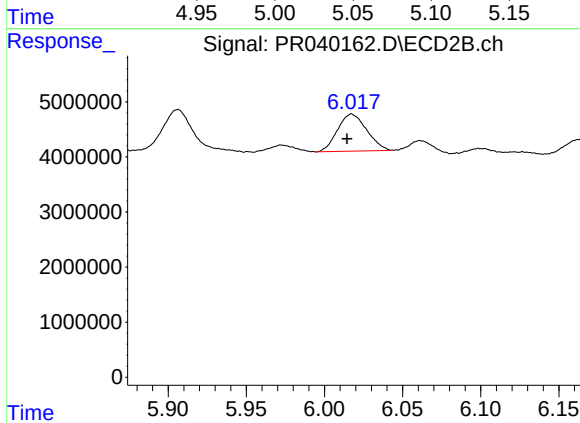
R.T.: 5.776 min
Delta R.T.: 0.029 min
Response: 5161417
Conc: 18.83 ng/ml



#22 AR-1248-2

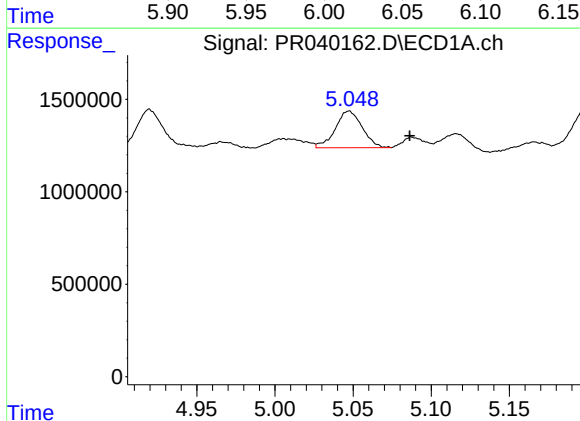
R.T.: 5.048 min
Delta R.T.: 0.002 min
Response: 2374479
Conc: 25.92 ng/ml

Instrument :
ECD_R
ClientSampleId :
S5-05-B



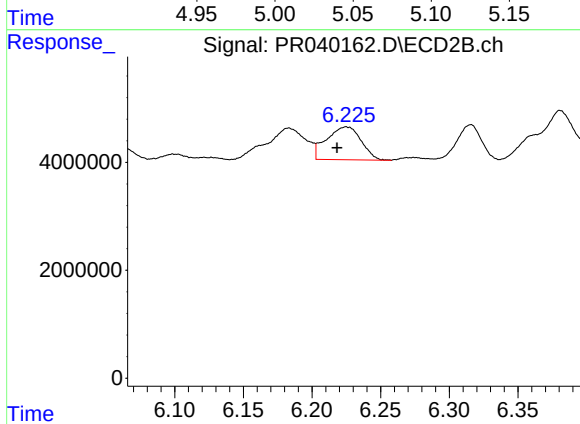
#22 AR-1248-2

R.T.: 6.017 min
Delta R.T.: 0.003 min
Response: 8756642
Conc: 24.62 ng/ml



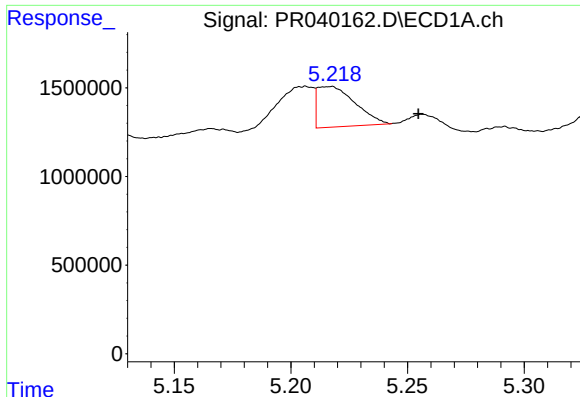
#23 AR-1248-3

R.T.: 5.048 min
Delta R.T.: -0.039 min
Response: 2374479
Conc: 24.90 ng/ml



#23 AR-1248-3

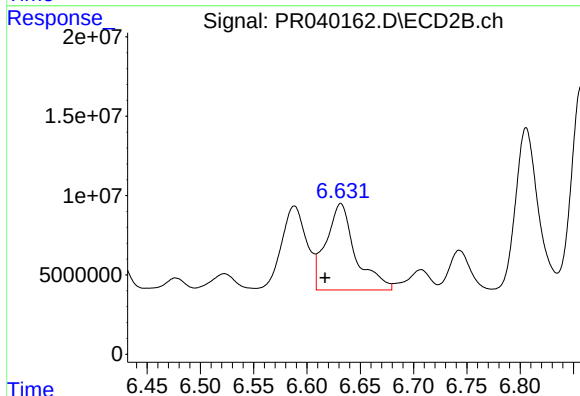
R.T.: 6.225 min
Delta R.T.: 0.007 min
Response: 10673333
Conc: 26.23 ng/ml



#24 AR-1248-4

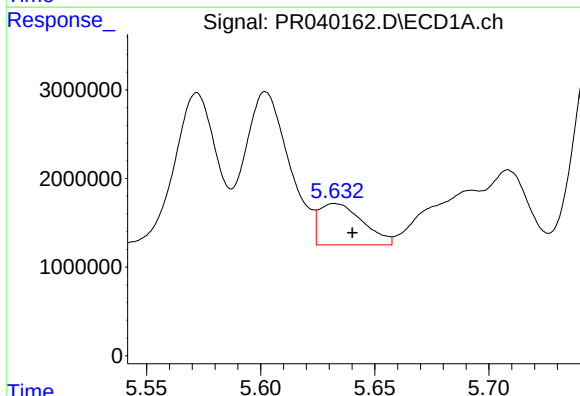
R.T.: 5.218 min
Delta R.T.: -0.037 min
Response: 2579152
Conc: 21.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
S5-05-B



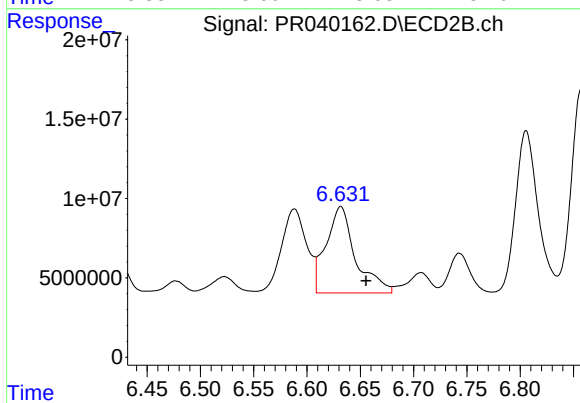
#24 AR-1248-4

R.T.: 6.632 min
Delta R.T.: 0.015 min
Response: 104553894
Conc: 218.04 ng/ml



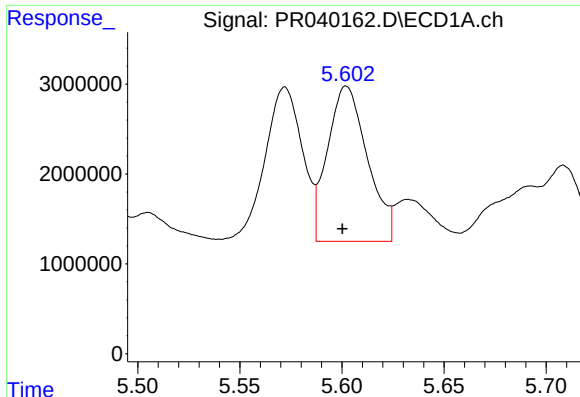
#25 AR-1248-5

R.T.: 5.632 min
Delta R.T.: -0.008 min
Response: 6203611
Conc: 50.98 ng/ml



#25 AR-1248-5

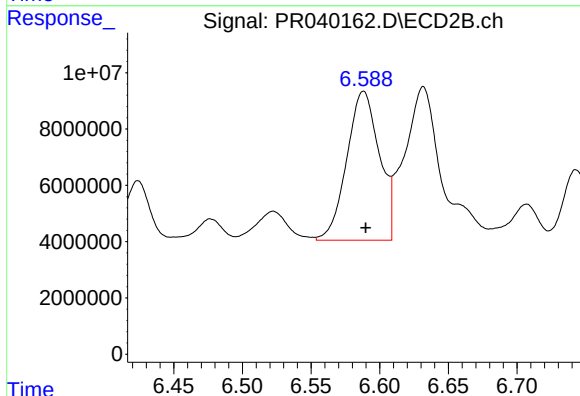
R.T.: 6.632 min
Delta R.T.: -0.024 min
Response: 104553894
Conc: 230.61 ng/ml



#26 AR-1254-1

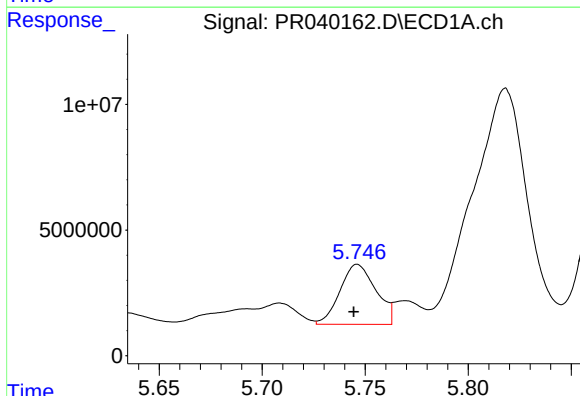
R.T.: 5.602 min
Delta R.T.: 0.002 min
Response: 23466213
Conc: 125.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
S5-05-B



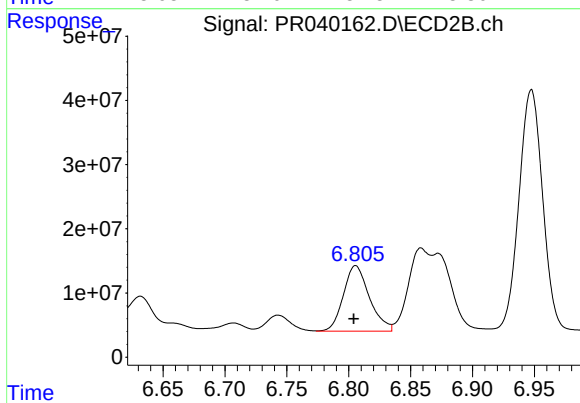
#26 AR-1254-1

R.T.: 6.588 min
Delta R.T.: -0.002 min
Response: 87586815
Conc: 191.61 ng/ml



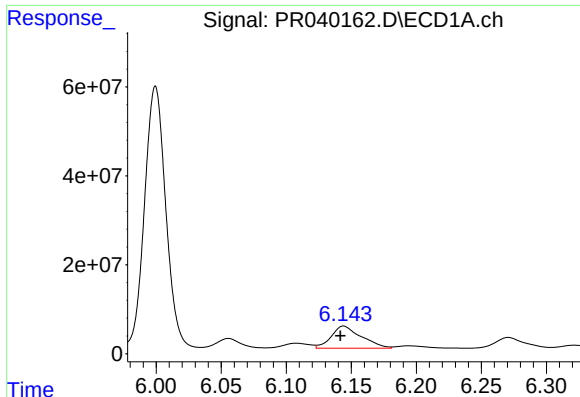
#27 AR-1254-2

R.T.: 5.746 min
Delta R.T.: 0.002 min
Response: 28916107
Conc: 180.20 ng/ml



#27 AR-1254-2

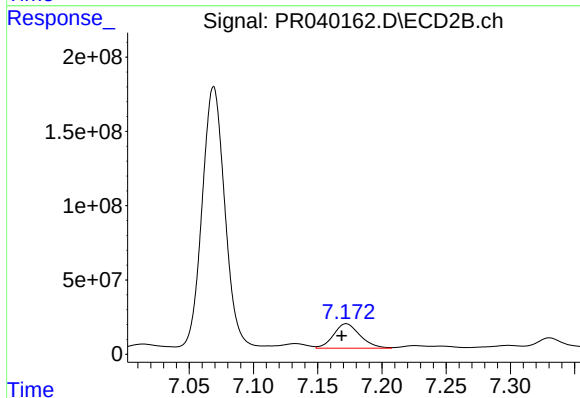
R.T.: 6.806 min
Delta R.T.: 0.002 min
Response: 149553040
Conc: 206.19 ng/ml



#28 AR-1254-3

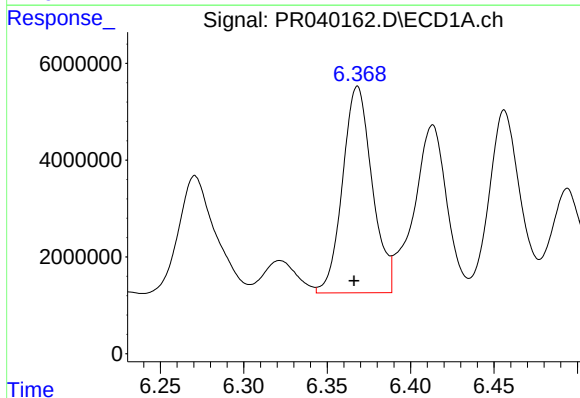
R.T.: 6.144 min
Delta R.T.: 0.002 min
Response: 80295686
Conc: 294.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
S5-05-B



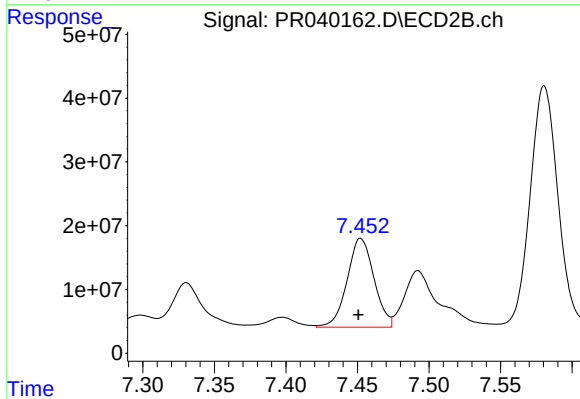
#28 AR-1254-3

R.T.: 7.172 min
Delta R.T.: 0.004 min
Response: 237350184
Conc: 292.40 ng/ml



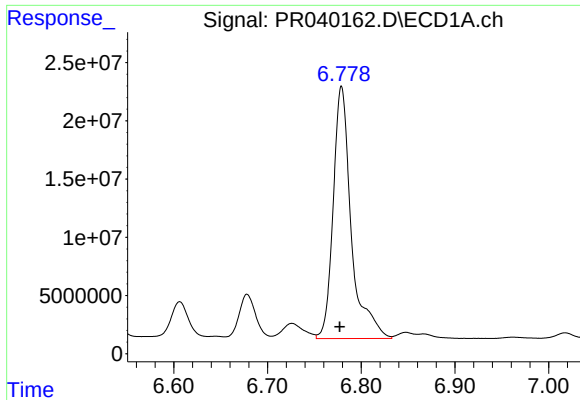
#29 AR-1254-4

R.T.: 6.368 min
Delta R.T.: 0.002 min
Response: 52678684
Conc: 254.72 ng/ml



#29 AR-1254-4

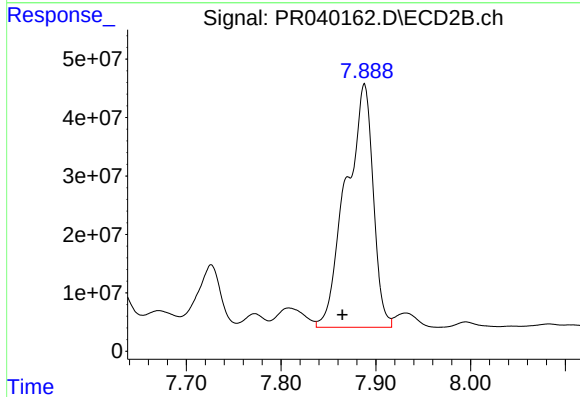
R.T.: 7.452 min
Delta R.T.: 0.002 min
Response: 181969744
Conc: 299.13 ng/ml



#30 AR-1254-5

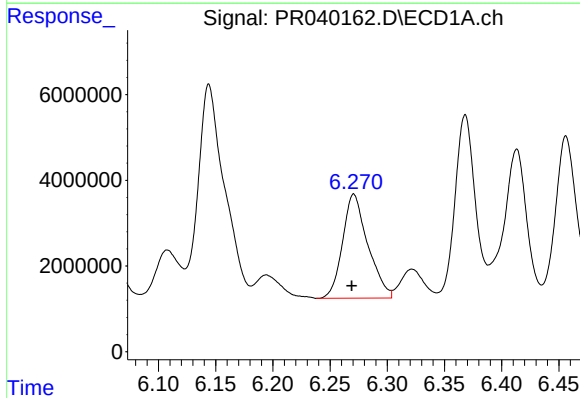
R.T.: 6.779 min
Delta R.T.: 0.002 min
Response: 290402719
Conc: 1201.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
S5-05-B



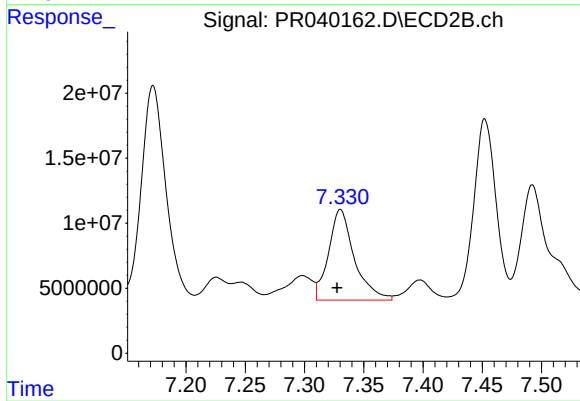
#30 AR-1254-5

R.T.: 7.888 min
Delta R.T.: 0.023 min
Response: 829478013
Conc: 1303.10 ng/ml



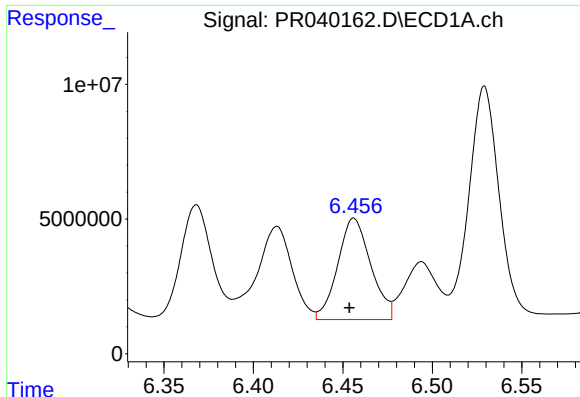
#31 AR-1260-1

R.T.: 6.271 min
Delta R.T.: 0.002 min
Response: 37369742
Conc: 284.25 ng/ml



#31 AR-1260-1

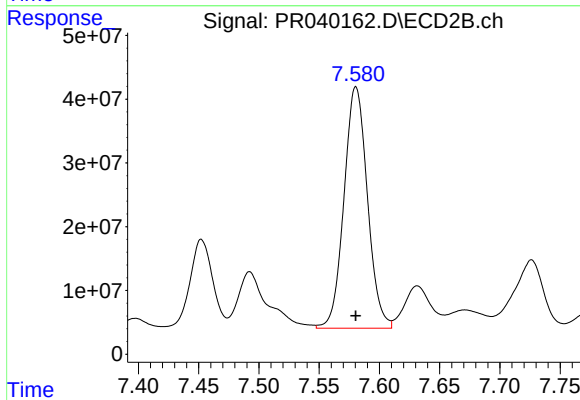
R.T.: 7.330 min
Delta R.T.: 0.003 min
Response: 106178357
Conc: 261.95 ng/ml



#32 AR-1260-2

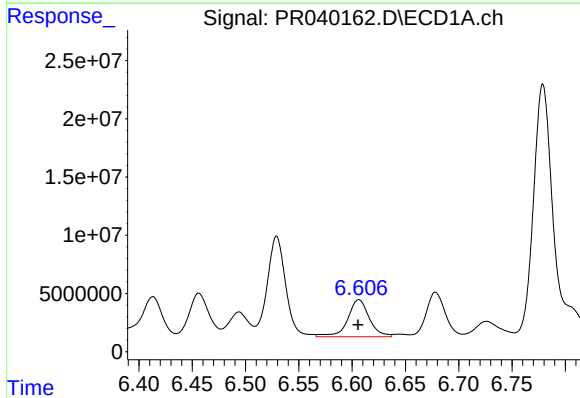
R.T.: 6.456 min
Delta R.T.: 0.003 min
Response: 48381540
Conc: 289.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
S5-05-B



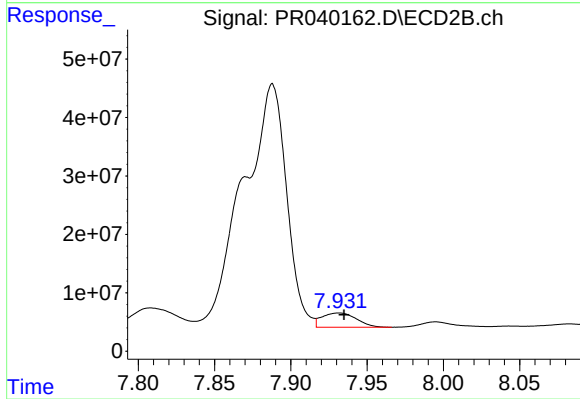
#32 AR-1260-2

R.T.: 7.581 min
Delta R.T.: 0.000 min
Response: 512705279
Conc: 1047.84 ng/ml



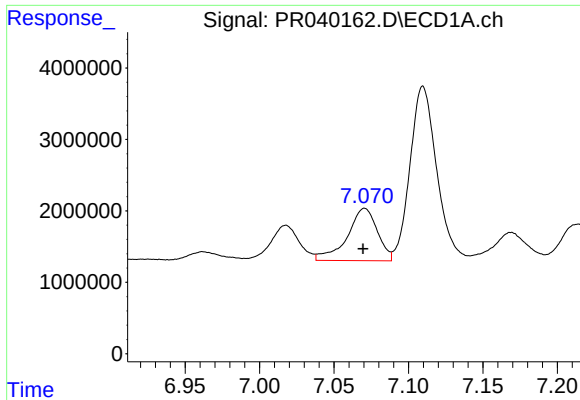
#33 AR-1260-3

R.T.: 6.606 min
Delta R.T.: 0.000 min
Response: 45029421
Conc: 301.91 ng/ml



#33 AR-1260-3

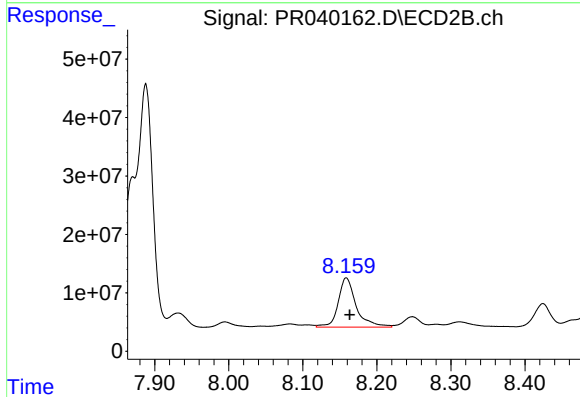
R.T.: 7.932 min
Delta R.T.: -0.003 min
Response: 38424978
Conc: 100.39 ng/ml



#34 AR-1260-4

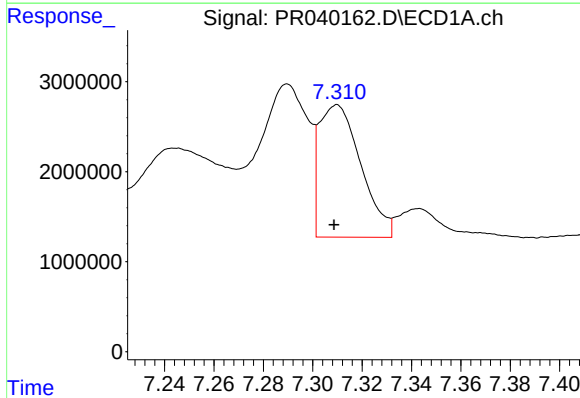
R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 10316493
Conc: 80.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
S5-05-B



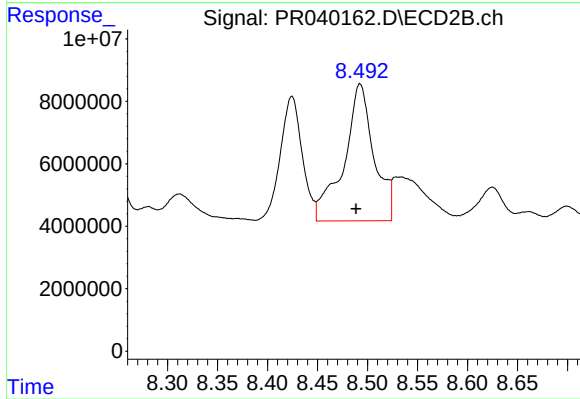
#34 AR-1260-4

R.T.: 8.159 min
Delta R.T.: -0.005 min
Response: 142365031
Conc: 324.64 ng/ml



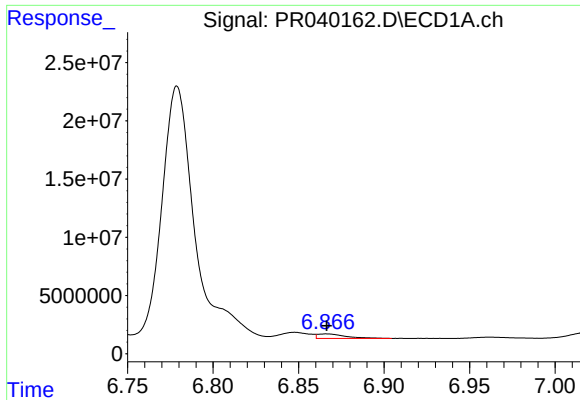
#35 AR-1260-5

R.T.: 7.310 min
Delta R.T.: 0.001 min
Response: 17253234
Conc: 54.92 ng/ml



#35 AR-1260-5

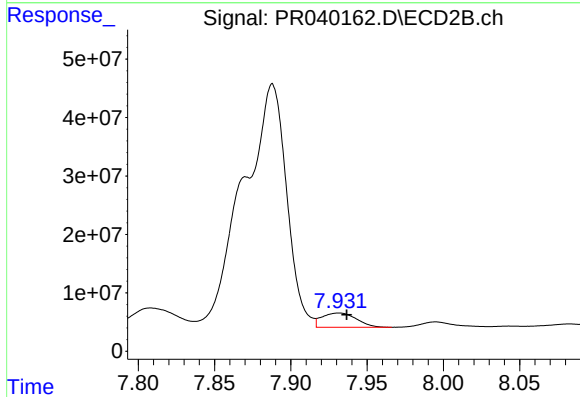
R.T.: 8.493 min
Delta R.T.: 0.004 min
Response: 91788972
Conc: 98.31 ng/ml



#36 AR-1262-1

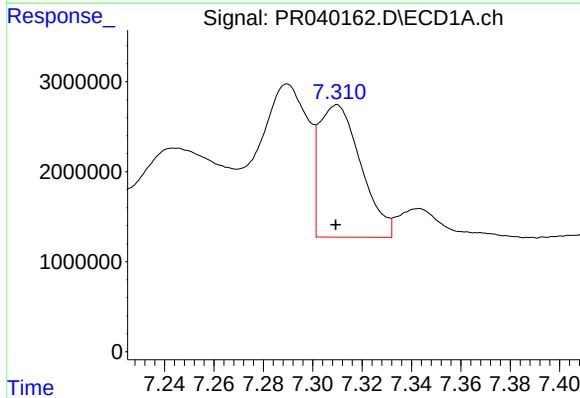
R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 4422185
Conc: 55.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
S5-05-B



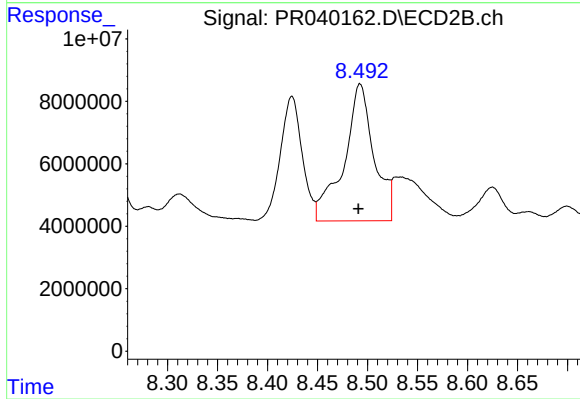
#36 AR-1262-1

R.T.: 7.932 min
Delta R.T.: -0.005 min
Response: 38424978
Conc: 58.73 ng/ml



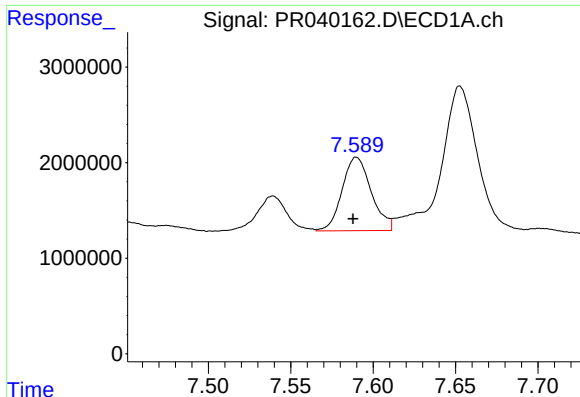
#37 AR-1262-2

R.T.: 7.310 min
Delta R.T.: 0.000 min
Response: 17253234
Conc: 42.45 ng/ml



#37 AR-1262-2

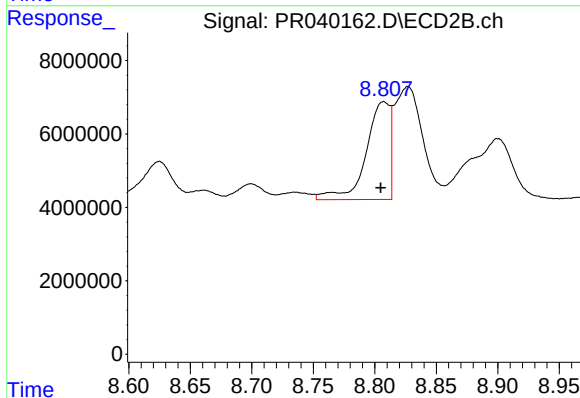
R.T.: 8.493 min
Delta R.T.: 0.002 min
Response: 91788972
Conc: 73.06 ng/ml



#38 AR-1262-3

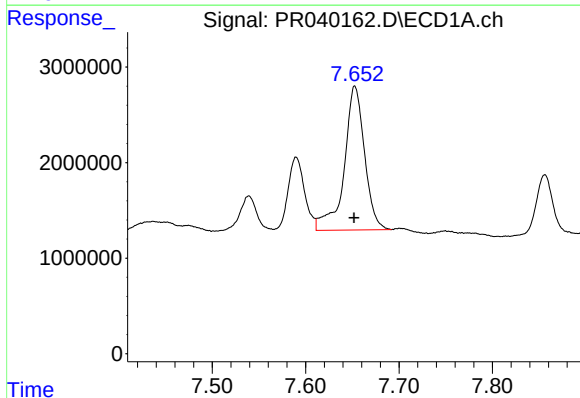
R.T.: 7.590 min
Delta R.T.: 0.002 min
Response: 9458298
Conc: 61.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
S5-05-B



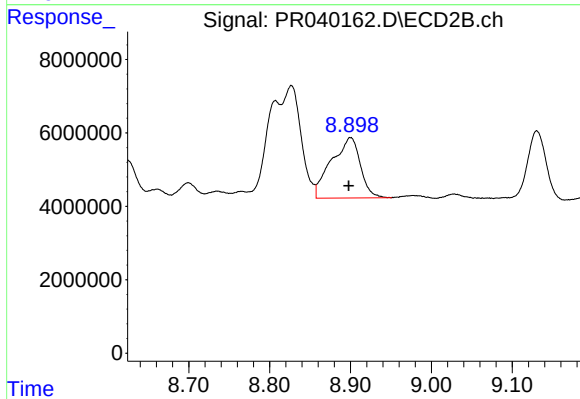
#38 AR-1262-3

R.T.: 8.807 min
Delta R.T.: 0.002 min
Response: 36137778
Conc: 44.12 ng/ml



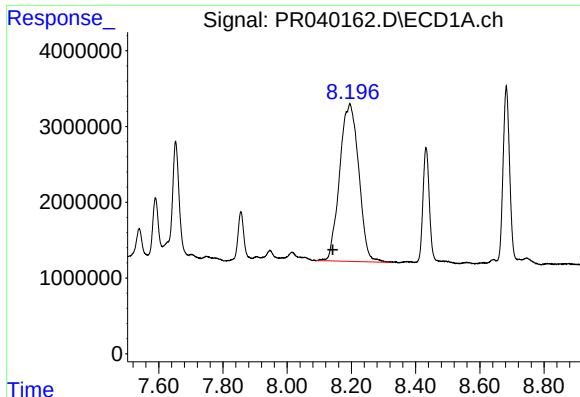
#39 AR-1262-4

R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 22915159
Conc: 79.34 ng/ml



#39 AR-1262-4

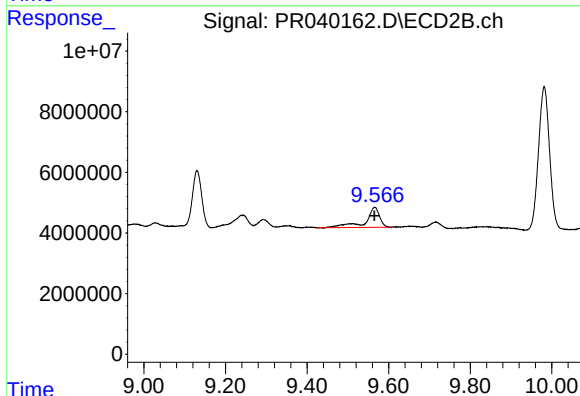
R.T.: 8.900 min
Delta R.T.: 0.002 min
Response: 40885689
Conc: 65.05 ng/ml



#40 AR-1262-5

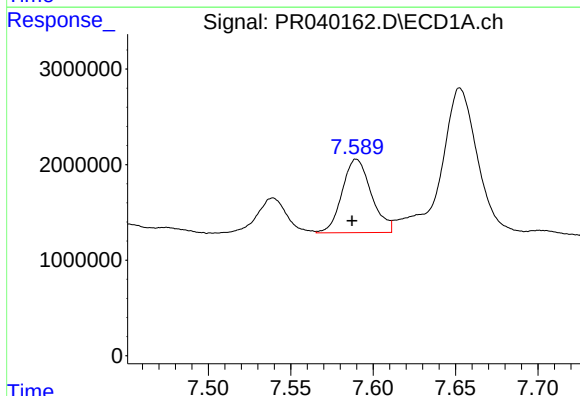
R.T.: 8.196 min
Delta R.T.: 0.053 min
Response: 85654003
Conc: 653.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
S5-05-B



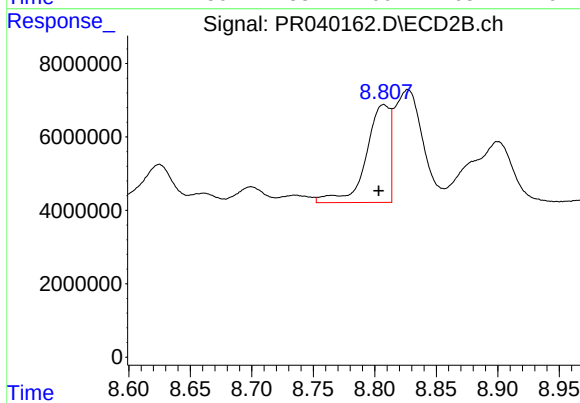
#40 AR-1262-5

R.T.: 9.566 min
Delta R.T.: 0.001 min
Response: 15829901
Conc: 34.24 ng/ml



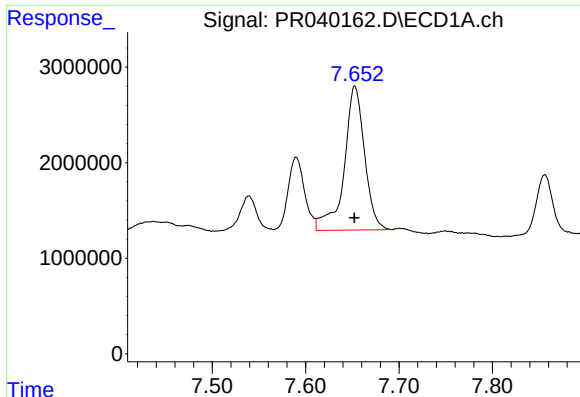
#41 AR-1268-1

R.T.: 7.590 min
Delta R.T.: 0.003 min
Response: 9458298
Conc: 14.64 ng/ml



#41 AR-1268-1

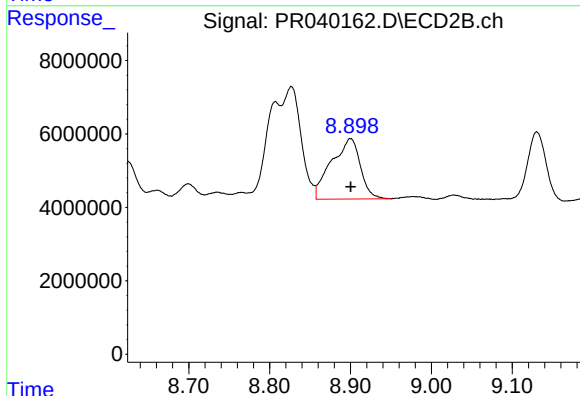
R.T.: 8.807 min
Delta R.T.: 0.004 min
Response: 36137778
Conc: 17.32 ng/ml



#42 AR-1268-2

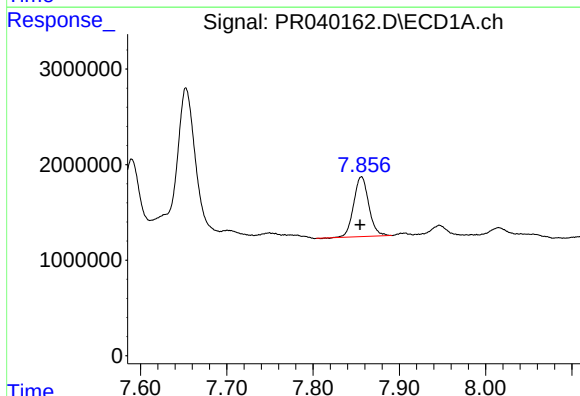
R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 22915159
Conc: 38.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
S5-05-B



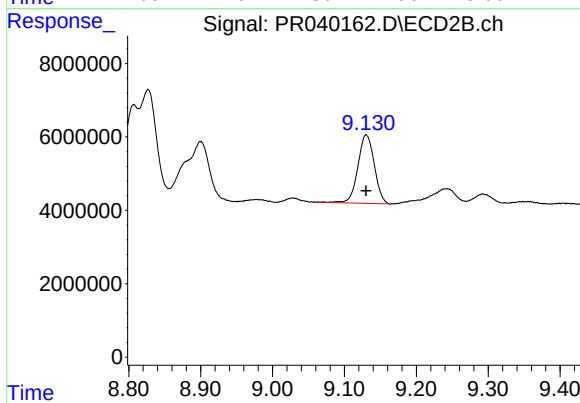
#42 AR-1268-2

R.T.: 8.900 min
Delta R.T.: 0.000 min
Response: 40885689
Conc: 20.58 ng/ml



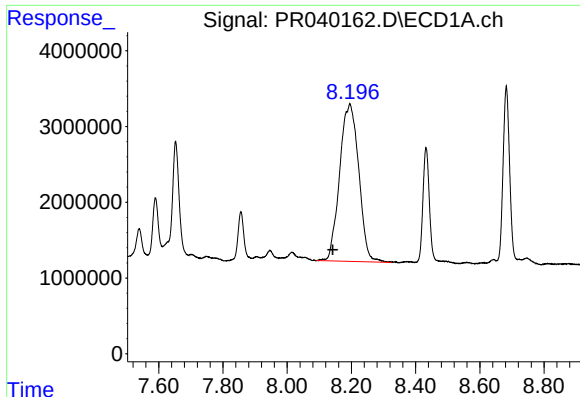
#43 AR-1268-3

R.T.: 7.856 min
Delta R.T.: 0.002 min
Response: 7609359
Conc: 15.95 ng/ml



#43 AR-1268-3

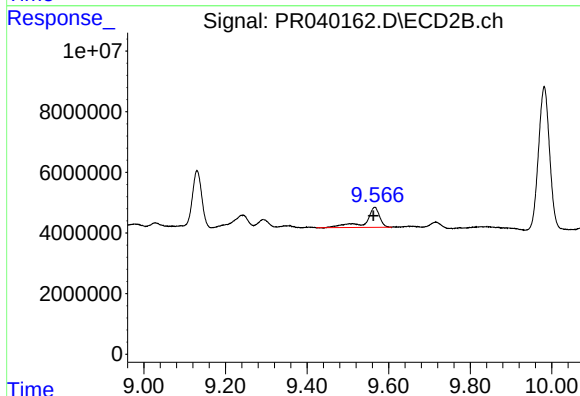
R.T.: 9.130 min
Delta R.T.: 0.000 min
Response: 29609370
Conc: 17.73 ng/ml



#44 AR-1268-4

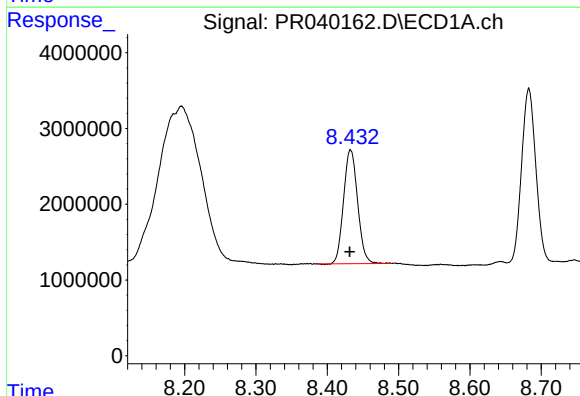
R.T.: 8.196 min
Delta R.T.: 0.054 min
Response: 85654003
Conc: 408.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
S5-05-B



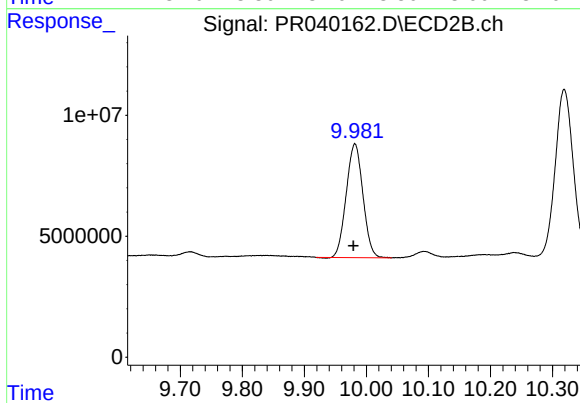
#44 AR-1268-4

R.T.: 9.566 min
Delta R.T.: 0.003 min
Response: 15829901
Conc: 21.70 ng/ml



#45 AR-1268-5

R.T.: 8.433 min
Delta R.T.: 0.001 min
Response: 20604855
Conc: 12.83 ng/ml



#45 AR-1268-5

R.T.: 9.982 min
Delta R.T.: 0.002 min
Response: 87853764
Conc: 14.80 ng/ml