

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121919\
 Data File : PR044019.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2019 10:05
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 11:57:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121519CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Dec 16 06:15:17 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	4.715	3.973	74717653	198.5E6	18.694	17.987
2)	SA Decachlor...	10.623	9.058	183.5E6	406.5E6	38.457	40.298
Target Compounds							
3)	L1 AR-1016-1	5.891	5.064	61390010	122.7E6	386.362	355.705
4)	L1 AR-1016-2	5.914	5.083	88712299	167.4E6	390.299	347.988
5)	L1 AR-1016-3	5.977	5.261	53434501	86436787	397.321	396.643
6)	L1 AR-1016-4	6.077	5.301	44492140	66570900	393.978	368.736
7)	L1 AR-1016-5	6.370	5.517	45007319	95275788	398.386	403.242
8)	L2 AR-1221-1	4.919	4.182	4665630	12233089	120.165	107.175
9)	L2 AR-1221-2	5.012	4.271	5992815	16569231	221.294	203.088
10)	L2 AR-1221-3	5.090	4.347	25627370	68931702	261.296	247.061
11)	L3 AR-1232-1	5.090	4.347	25627370	68931702	319.839	298.725
12)	L3 AR-1232-2	5.624	5.083	40190024	167.4E6	909.801	768.761
13)	L3 AR-1232-3	5.914	5.261	88712299	86436787	929.408	911.674
14)	L3 AR-1232-4	6.077	5.344	44492140	82200053	950.575	949.301
15)	L3 AR-1232-5	6.163	5.517	39583955	95275788	1156.159	968.919
16)	L4 AR-1242-1	5.891	5.064	61390010	122.7E6	485.205	426.645
17)	L4 AR-1242-2	5.914	5.083	88712299	167.4E6	489.572	423.284
18)	L4 AR-1242-3	5.977	5.261	53434501	86436787	492.173	454.789
19)	L4 AR-1242-4	6.077	5.344	44492140	82200053	492.806	449.604
20)	L4 AR-1242-5	6.814	5.869	7332042	89297327	66.740	301.031 #
21)	L5 AR-1248-1	5.891	5.064	61390010	122.7E6	613.009	533.479
22)	L5 AR-1248-2	6.163	5.301	39583955	66570900	288.724	254.421
23)	L5 AR-1248-3	6.370	5.344	45007319	82200053	284.701	310.482
24)	L5 AR-1248-4	6.747	5.517	43578729	95275788	224.427	286.311 #
25)	L5 AR-1248-5	6.814	5.910	7332042	15621420	39.983	38.214
26)	L6 AR-1254-1	6.747	5.869	43578729	89297327	228.033	148.302 #
27)	L6 AR-1254-2	6.963	6.016	36029493	74746463	118.180	137.739
28)	L6 AR-1254-3	7.334	6.436	25252426	195.8E6	73.227	205.361 #
29)	L6 AR-1254-4	7.619	6.649	15134261	24914780	57.769	37.563 #
30)	L6 AR-1254-5	8.037	7.067	143.6E6	285.7E6	506.822	328.354 #
31)	L7 AR-1260-1	7.496	6.551	90823765	205.7E6	392.894	376.482
32)	L7 AR-1260-2	7.750	6.738	107.8E6	315.2E6	377.908	392.770
33)	L7 AR-1260-3	8.111	6.893	83977288	250.1E6	373.995	374.450
34)	L7 AR-1260-4	8.350	7.365	99560015	221.1E6	384.496	393.902
35)	L7 AR-1260-5	8.687	7.605	209.0E6	656.7E6	374.133	390.113
36)	L8 AR-1262-1	8.171	7.067	42721681	285.7E6	297.011	577.614 #
37)	L8 AR-1262-2	8.687	7.605	209.0E6	656.7E6	294.360	302.014
38)	L8 AR-1262-3	9.039	7.889	130.9E6	159.5E6	284.271	184.710 #
39)	L8 AR-1262-4	9.098	7.954	81055951	427.5E6	237.707	300.656 #
40)	L8 AR-1262-5	9.818	8.468	59992243	150.7E6	249.886	235.684
41)	L9 AR-1268-1	9.039	7.889	130.9E6	159.5E6	162.613	65.249 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121919\
 Data File : PR044019.D
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 Acq On : 19 Dec 2019 10:05
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
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 Quant Time: Dec 19 11:57:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121519CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Dec 16 06:15:17 2019
 Response via : Initial Calibration
 Integrator: ChemStation

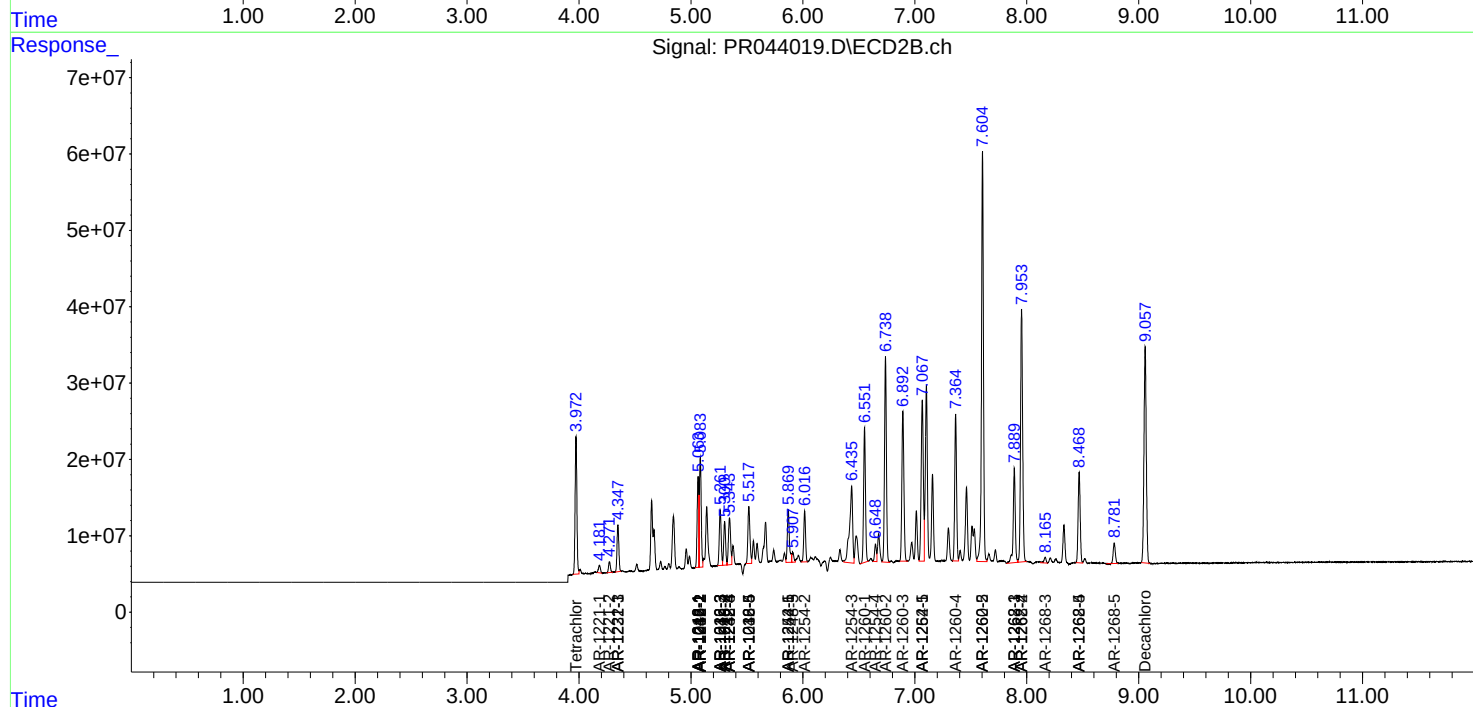
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

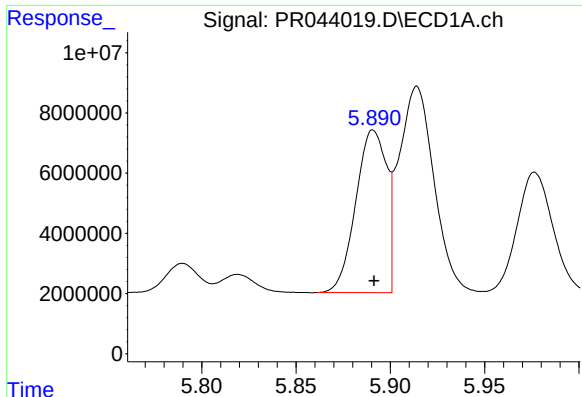
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.098	7.954	81055951	427.5E6	110.009	204.386 #
43) L9	AR-1268-3	9.360	8.165	3837831	10724002	6.236	5.956
44) L9	AR-1268-4	9.818	8.468	59992243	150.7E6	226.767	213.821
45) L9	AR-1268-5	10.261	8.782	16710137	34700510	8.102	7.110

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

Instrument :
ECD_R
ClientSampleId :

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

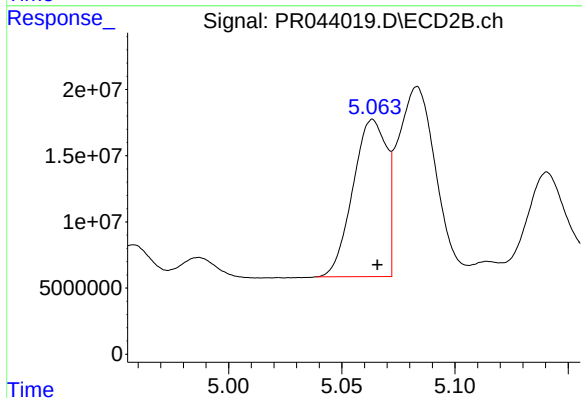




#3 AR-1016-1

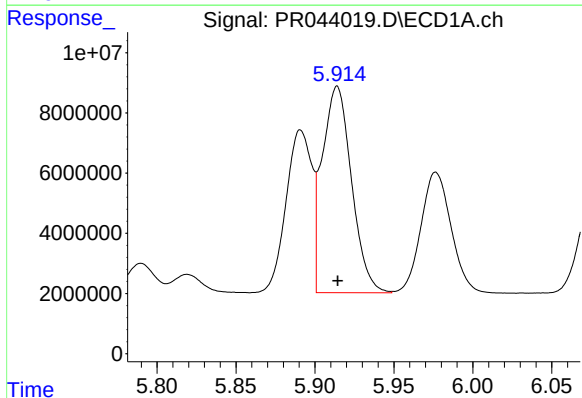
R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 61390010
Conc: 386.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



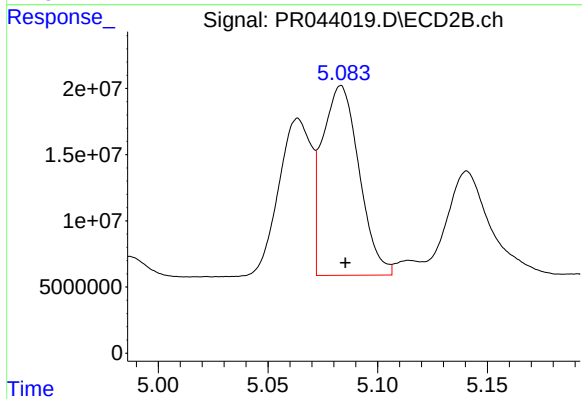
#3 AR-1016-1

R.T.: 5.064 min
Delta R.T.: -0.002 min
Response: 122744930
Conc: 355.71 ng/ml



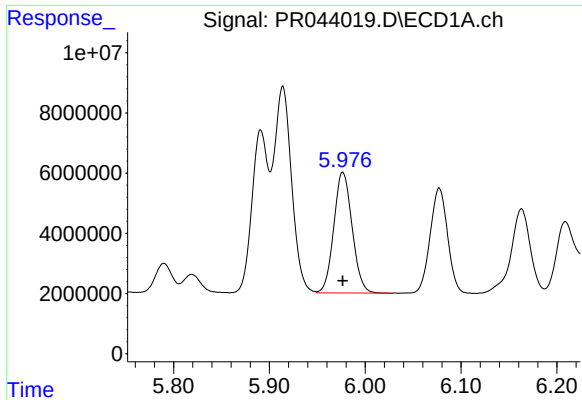
#4 AR-1016-2

R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 88712299
Conc: 390.30 ng/ml



#4 AR-1016-2

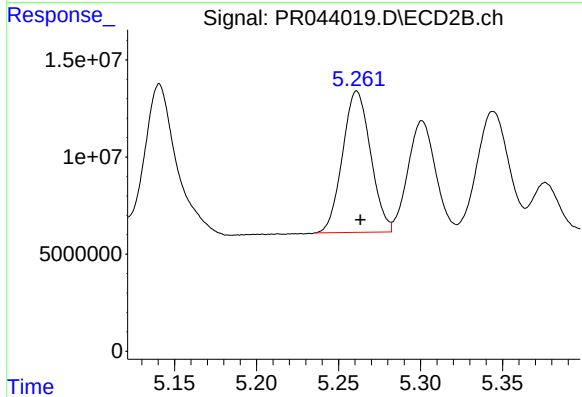
R.T.: 5.083 min
Delta R.T.: -0.002 min
Response: 167382977
Conc: 347.99 ng/ml



#5 AR-1016-3

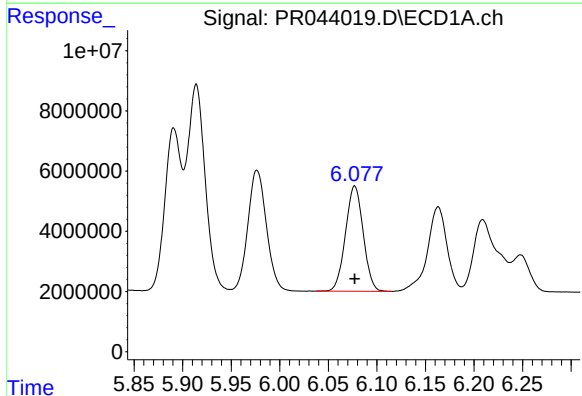
R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 53434501
Conc: 397.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



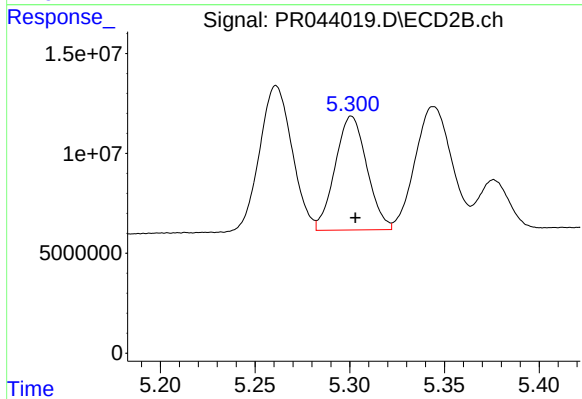
#5 AR-1016-3

R.T.: 5.261 min
Delta R.T.: -0.002 min
Response: 86436787
Conc: 396.64 ng/ml



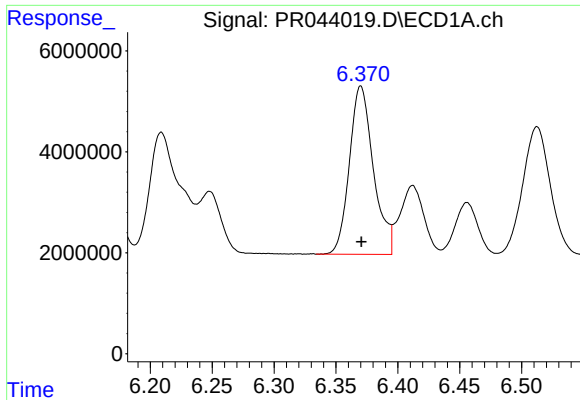
#6 AR-1016-4

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 44492140
Conc: 393.98 ng/ml



#6 AR-1016-4

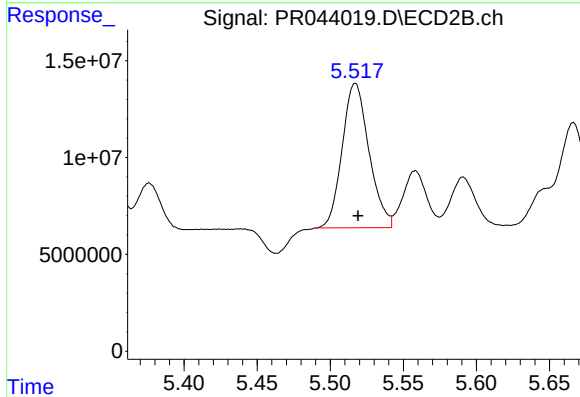
R.T.: 5.301 min
Delta R.T.: -0.002 min
Response: 66570900
Conc: 368.74 ng/ml



#7 AR-1016-5

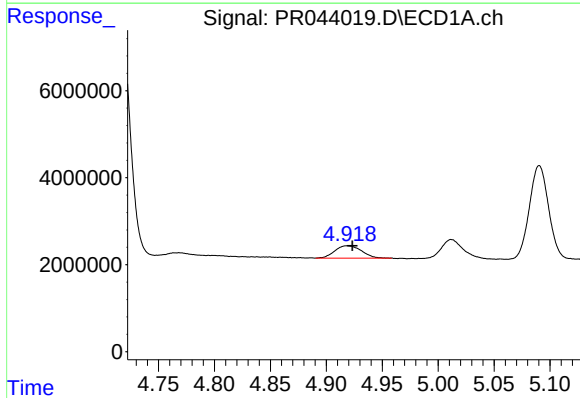
R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 45007319
Conc: 398.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



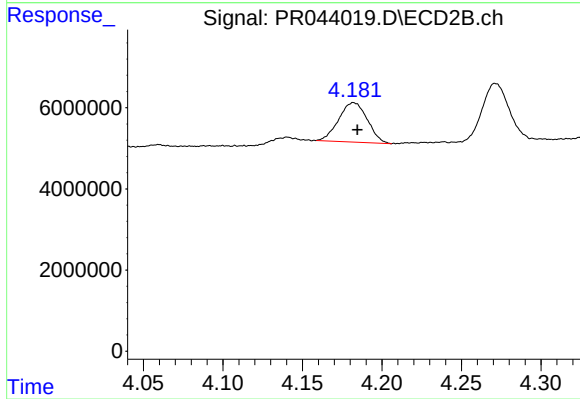
#7 AR-1016-5

R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 95275788
Conc: 403.24 ng/ml



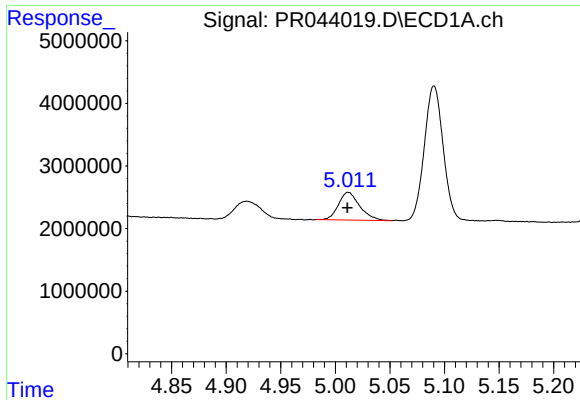
#8 AR-1221-1

R.T.: 4.919 min
Delta R.T.: -0.004 min
Response: 4665630
Conc: 120.16 ng/ml



#8 AR-1221-1

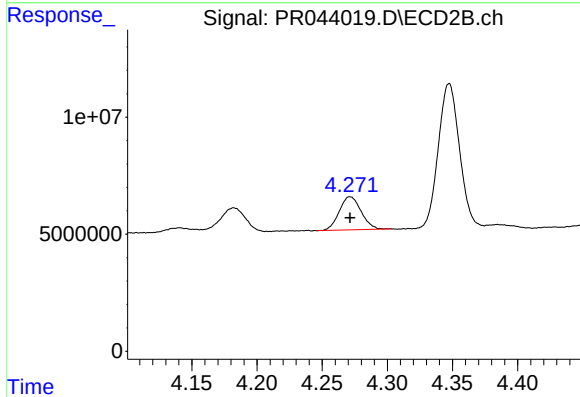
R.T.: 4.182 min
Delta R.T.: -0.002 min
Response: 12233089
Conc: 107.17 ng/ml



#9 AR-1221-2

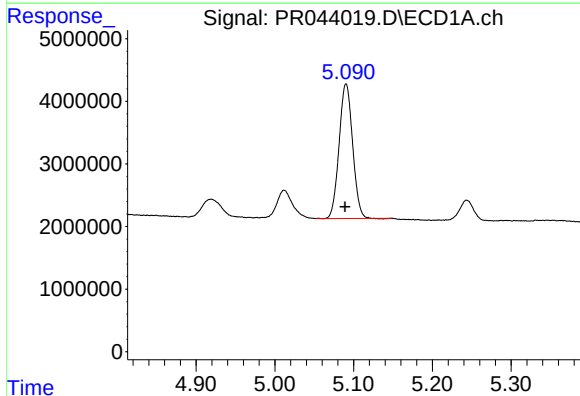
R.T.: 5.012 min
Delta R.T.: 0.001 min
Response: 5992815
Conc: 221.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



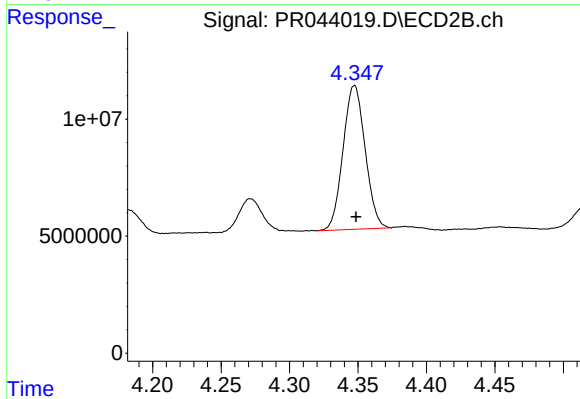
#9 AR-1221-2

R.T.: 4.271 min
Delta R.T.: 0.000 min
Response: 16569231
Conc: 203.09 ng/ml



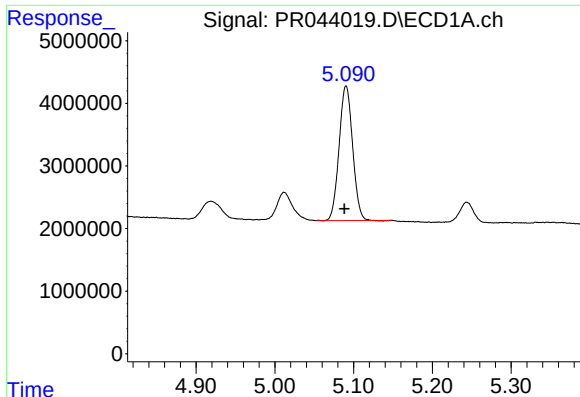
#10 AR-1221-3

R.T.: 5.090 min
Delta R.T.: 0.001 min
Response: 25627370
Conc: 261.30 ng/ml



#10 AR-1221-3

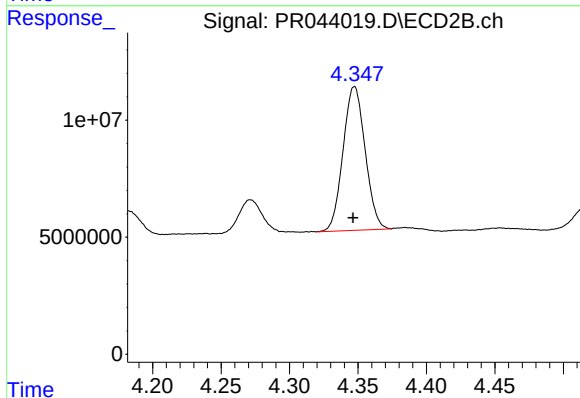
R.T.: 4.347 min
Delta R.T.: -0.001 min
Response: 68931702
Conc: 247.06 ng/ml



#11 AR-1232-1

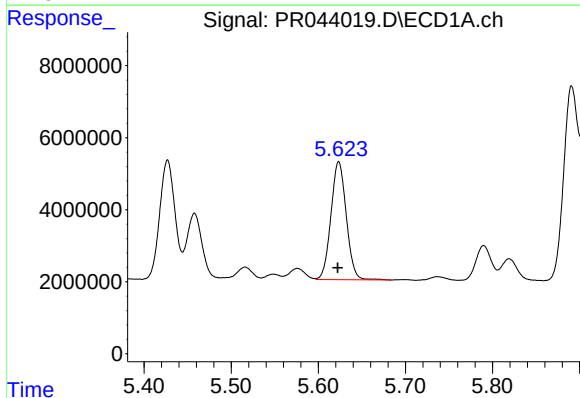
R.T.: 5.090 min
Delta R.T.: 0.002 min
Response: 25627370
Conc: 319.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



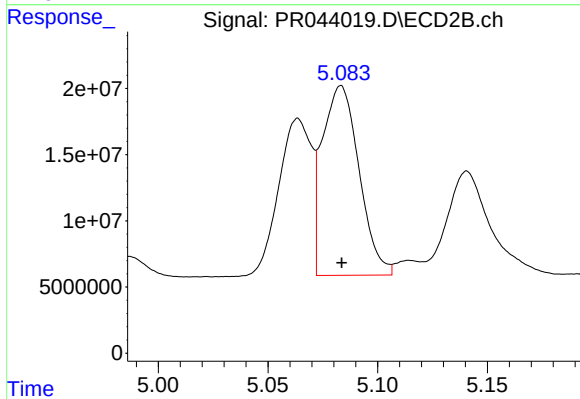
#11 AR-1232-1

R.T.: 4.347 min
Delta R.T.: 0.001 min
Response: 68931702
Conc: 298.72 ng/ml



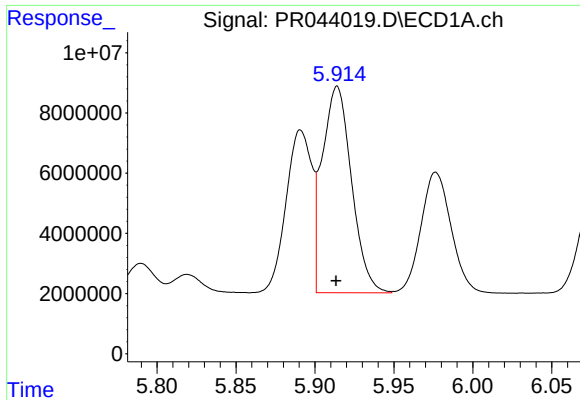
#12 AR-1232-2

R.T.: 5.624 min
Delta R.T.: 0.001 min
Response: 40190024
Conc: 909.80 ng/ml



#12 AR-1232-2

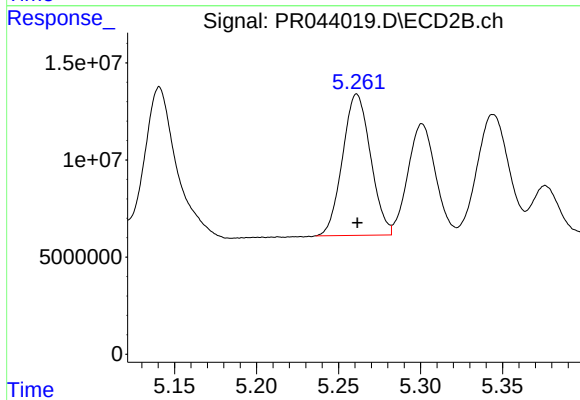
R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 167382977
Conc: 768.76 ng/ml



#13 AR-1232-3

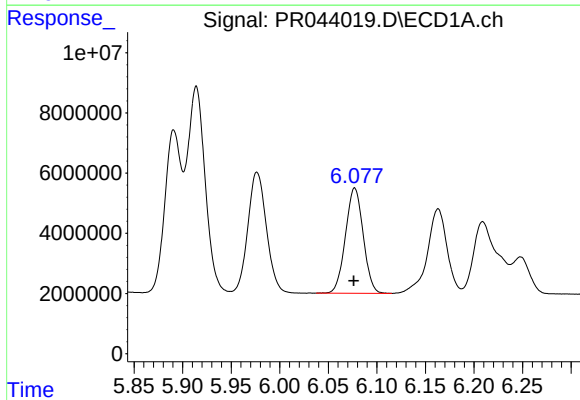
R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 88712299
Conc: 929.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



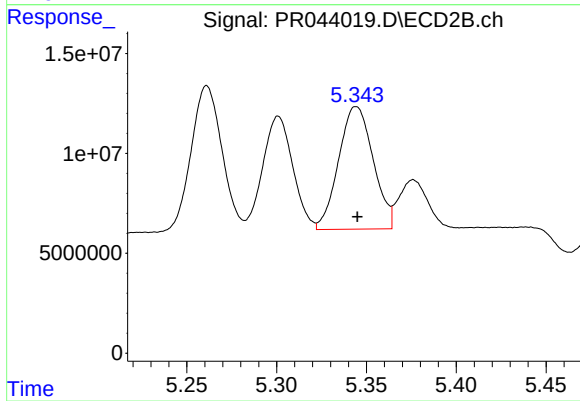
#13 AR-1232-3

R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 86436787
Conc: 911.67 ng/ml



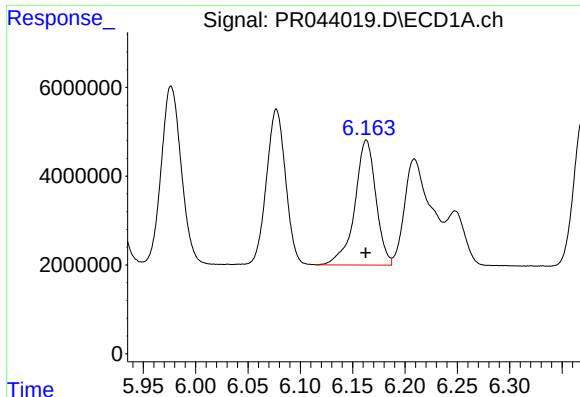
#14 AR-1232-4

R.T.: 6.077 min
Delta R.T.: 0.001 min
Response: 44492140
Conc: 950.58 ng/ml



#14 AR-1232-4

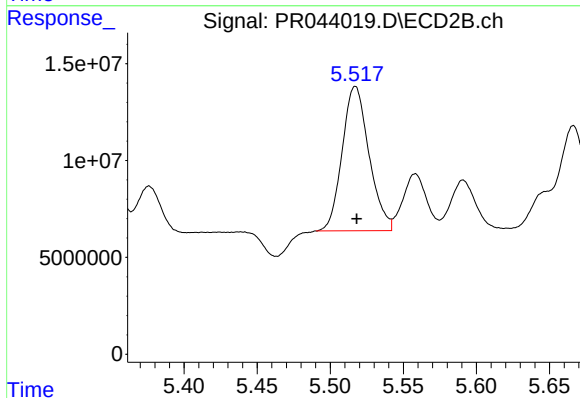
R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 82200053
Conc: 949.30 ng/ml



#15 AR-1232-5

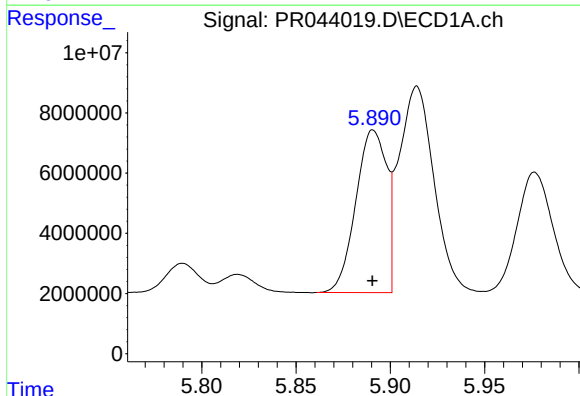
R.T.: 6.163 min
Delta R.T.: 0.000 min
Response: 39583955
Conc: 1156.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



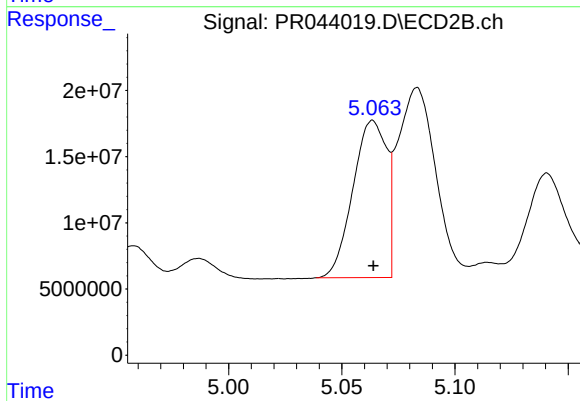
#15 AR-1232-5

R.T.: 5.517 min
Delta R.T.: -0.001 min
Response: 95275788
Conc: 968.92 ng/ml



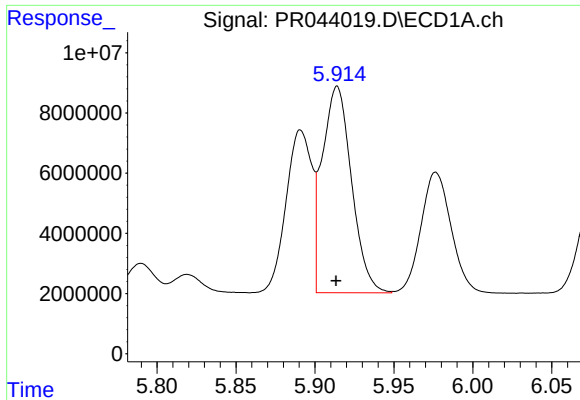
#16 AR-1242-1

R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 61390010
Conc: 485.21 ng/ml



#16 AR-1242-1

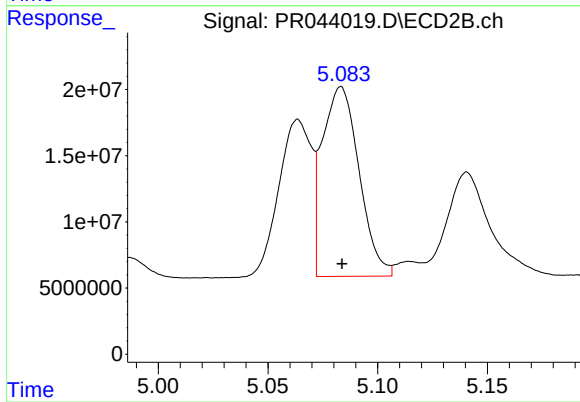
R.T.: 5.064 min
Delta R.T.: 0.000 min
Response: 122744930
Conc: 426.64 ng/ml



#17 AR-1242-2

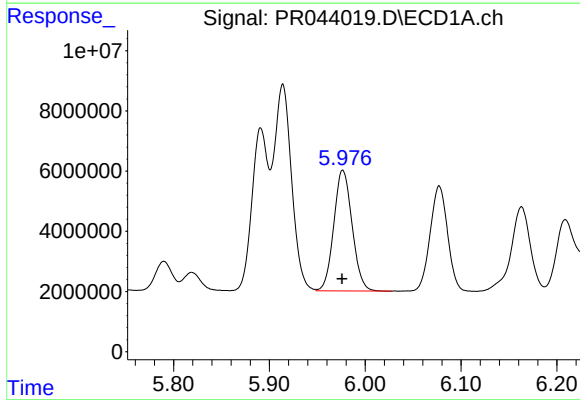
R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 88712299
Conc: 489.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



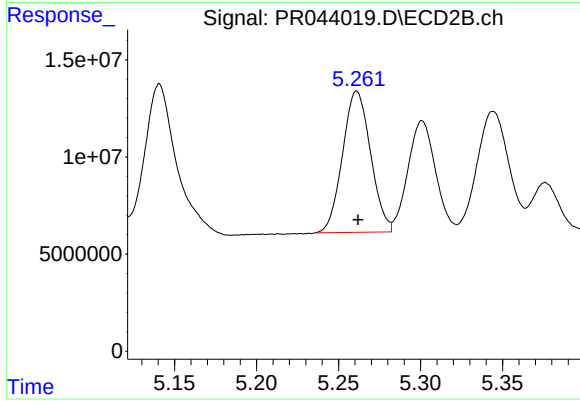
#17 AR-1242-2

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 167382977
Conc: 423.28 ng/ml



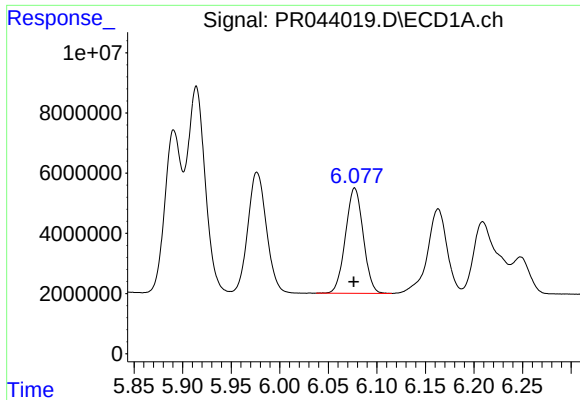
#18 AR-1242-3

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 53434501
Conc: 492.17 ng/ml



#18 AR-1242-3

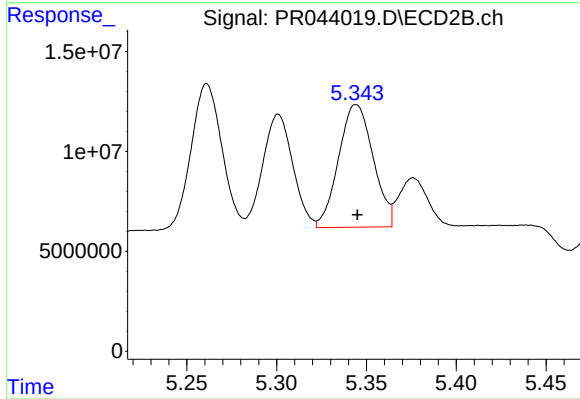
R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 86436787
Conc: 454.79 ng/ml



#19 AR-1242-4

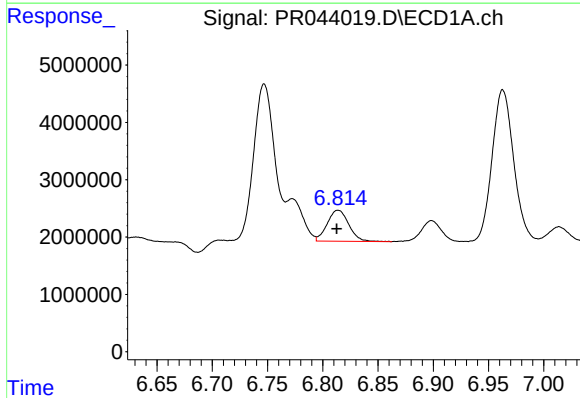
R.T.: 6.077 min
Delta R.T.: 0.001 min
Response: 44492140
Conc: 492.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



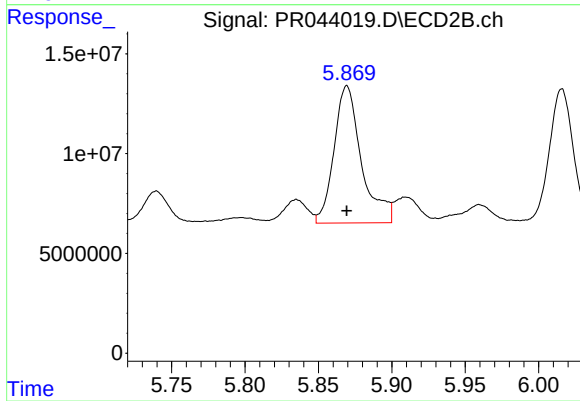
#19 AR-1242-4

R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 82200053
Conc: 449.60 ng/ml



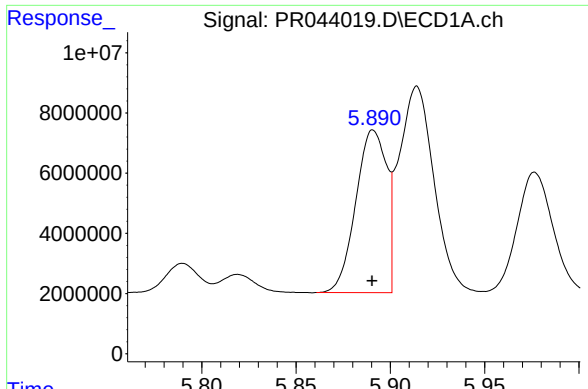
#20 AR-1242-5

R.T.: 6.814 min
Delta R.T.: 0.001 min
Response: 7332042
Conc: 66.74 ng/ml



#20 AR-1242-5

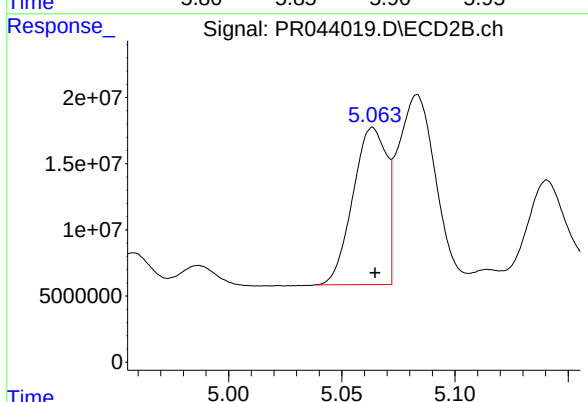
R.T.: 5.869 min
Delta R.T.: 0.000 min
Response: 89297327
Conc: 301.03 ng/ml



#21 AR-1248-1

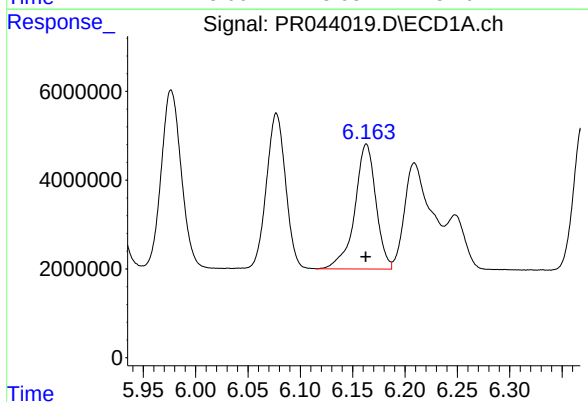
R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 61390010
Conc: 613.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



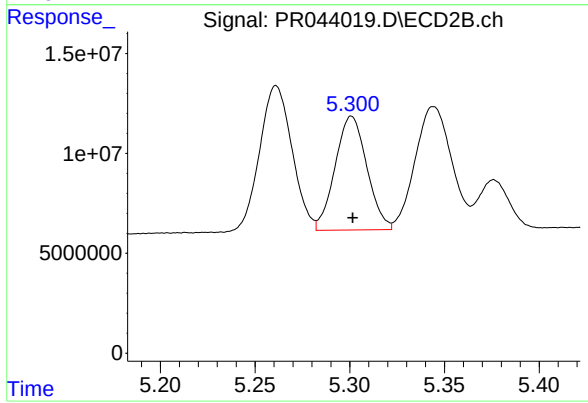
#21 AR-1248-1

R.T.: 5.064 min
Delta R.T.: -0.001 min
Response: 122744930
Conc: 533.48 ng/ml



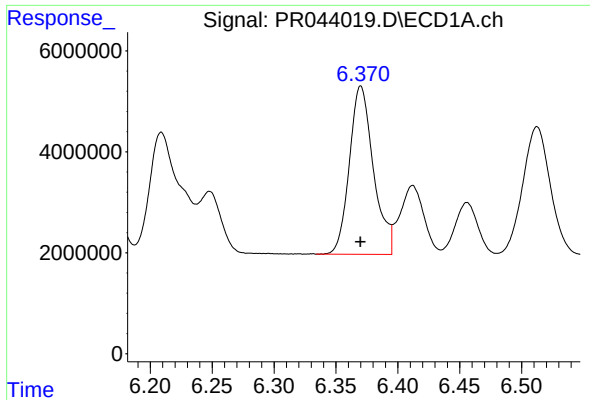
#22 AR-1248-2

R.T.: 6.163 min
Delta R.T.: 0.000 min
Response: 39583955
Conc: 288.72 ng/ml



#22 AR-1248-2

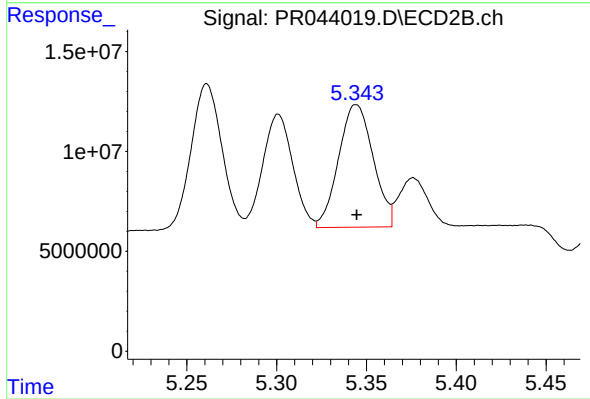
R.T.: 5.301 min
Delta R.T.: 0.000 min
Response: 66570900
Conc: 254.42 ng/ml



#23 AR-1248-3

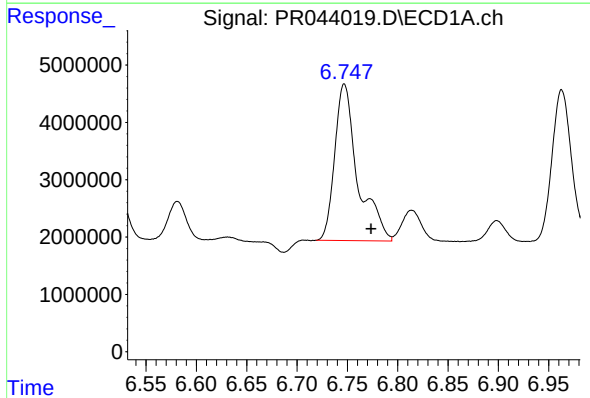
R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 45007319
Conc: 284.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



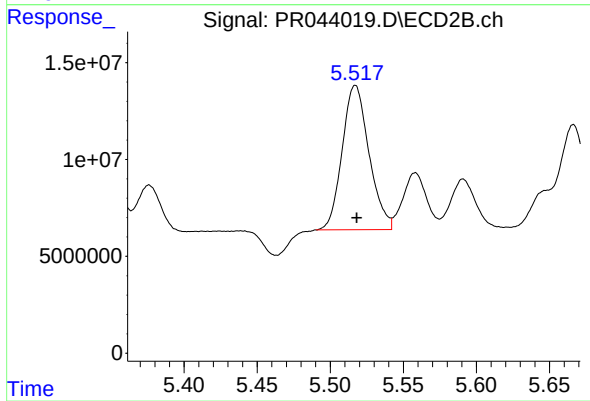
#23 AR-1248-3

R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 82200053
Conc: 310.48 ng/ml



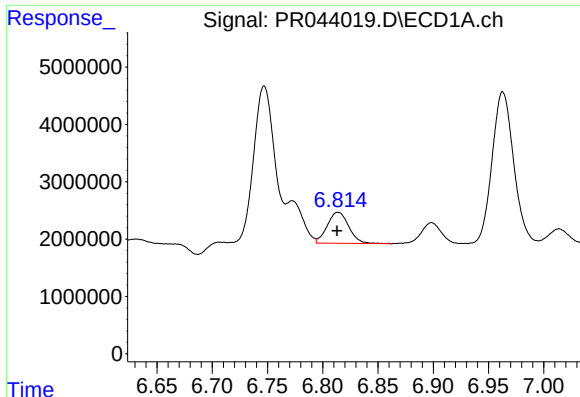
#24 AR-1248-4

R.T.: 6.747 min
Delta R.T.: -0.027 min
Response: 43578729
Conc: 224.43 ng/ml



#24 AR-1248-4

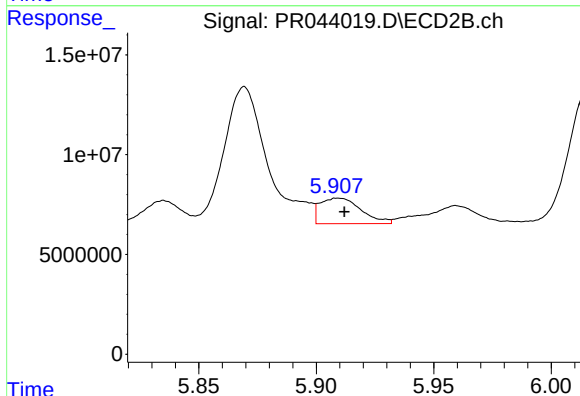
R.T.: 5.517 min
Delta R.T.: -0.001 min
Response: 95275788
Conc: 286.31 ng/ml



#25 AR-1248-5

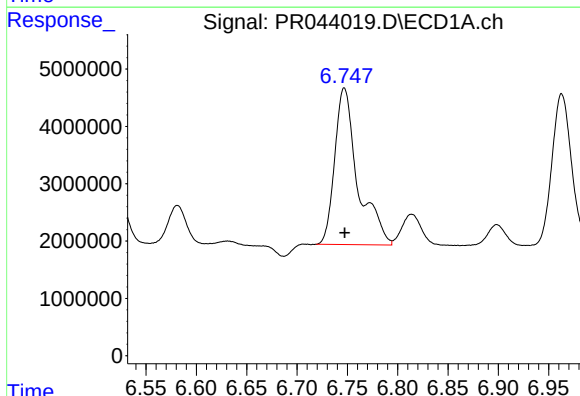
R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 7332042
Conc: 39.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



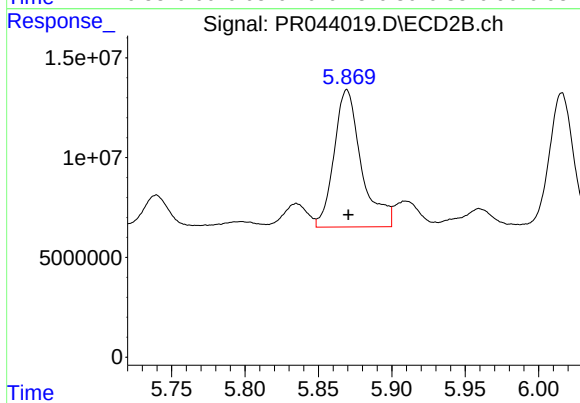
#25 AR-1248-5

R.T.: 5.910 min
Delta R.T.: -0.002 min
Response: 15621420
Conc: 38.21 ng/ml



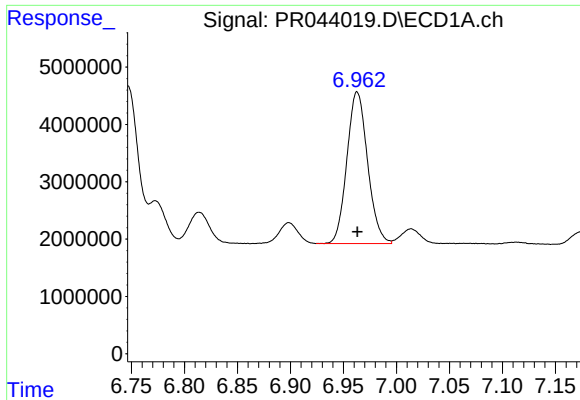
#26 AR-1254-1

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 43578729
Conc: 228.03 ng/ml



#26 AR-1254-1

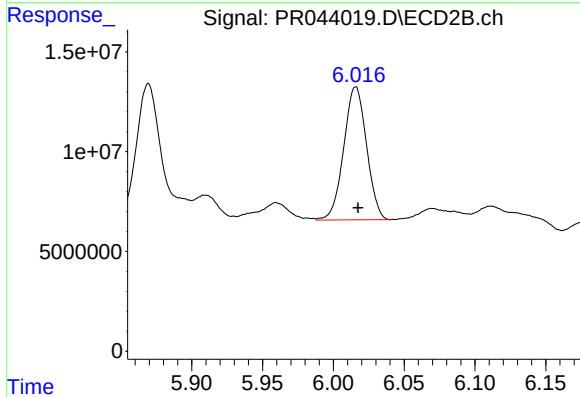
R.T.: 5.869 min
Delta R.T.: 0.000 min
Response: 89297327
Conc: 148.30 ng/ml



#27 AR-1254-2

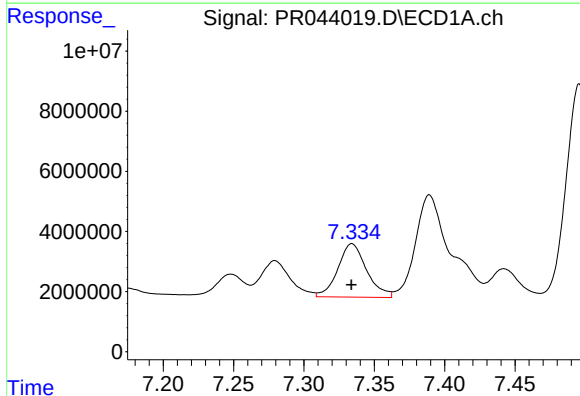
R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 36029493
Conc: 118.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



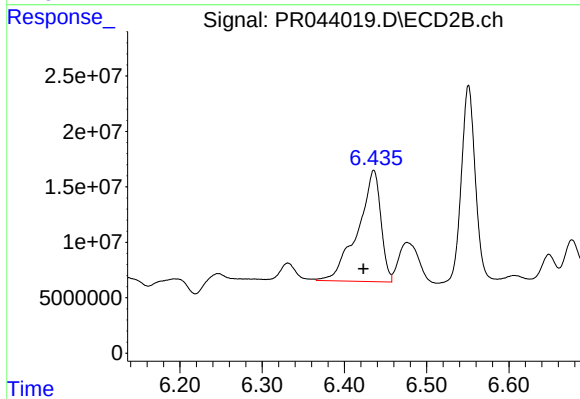
#27 AR-1254-2

R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 74746463
Conc: 137.74 ng/ml



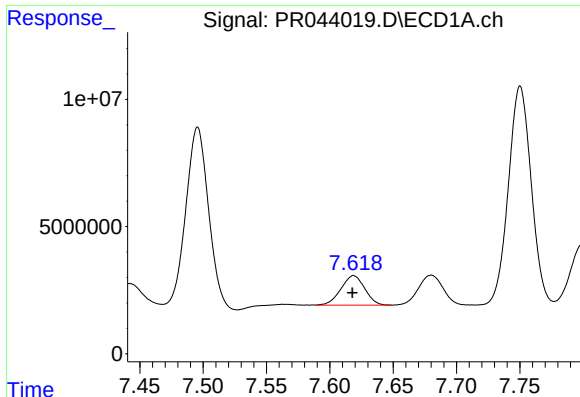
#28 AR-1254-3

R.T.: 7.334 min
Delta R.T.: 0.000 min
Response: 25252426
Conc: 73.23 ng/ml



#28 AR-1254-3

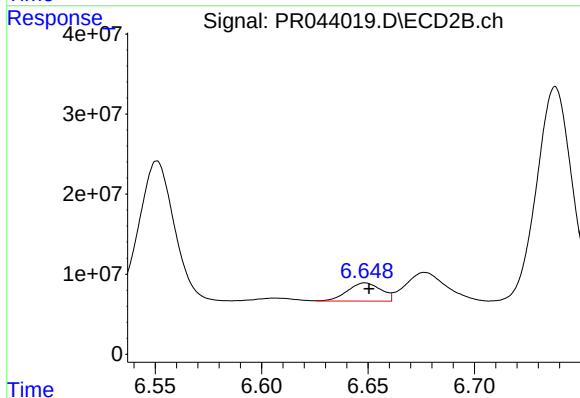
R.T.: 6.436 min
Delta R.T.: 0.013 min
Response: 195792192
Conc: 205.36 ng/ml



#29 AR-1254-4

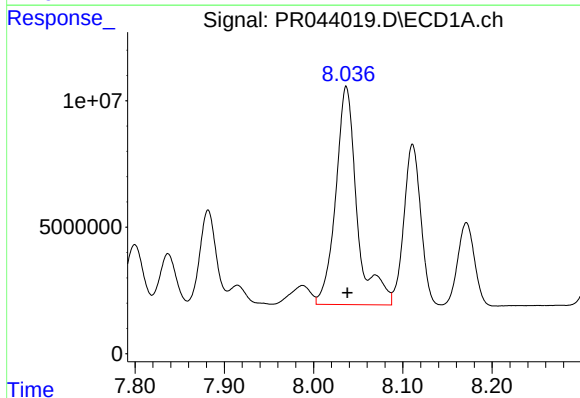
R.T.: 7.619 min
Delta R.T.: 0.001 min
Response: 15134261
Conc: 57.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



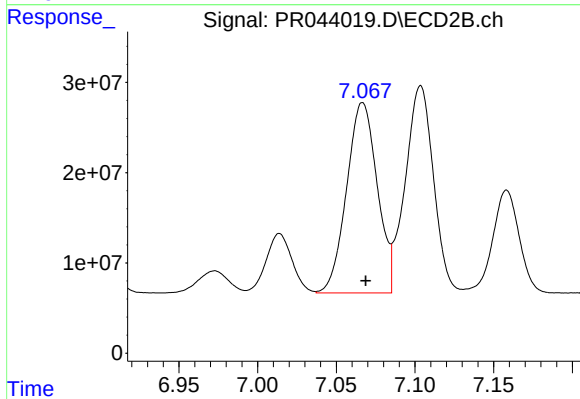
#29 AR-1254-4

R.T.: 6.649 min
Delta R.T.: -0.002 min
Response: 24914780
Conc: 37.56 ng/ml



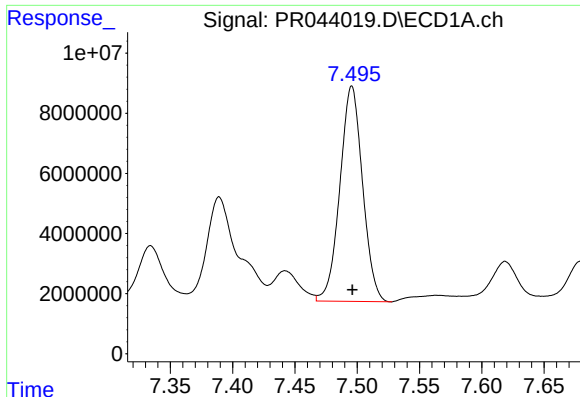
#30 AR-1254-5

R.T.: 8.037 min
Delta R.T.: -0.001 min
Response: 143623935
Conc: 506.82 ng/ml



#30 AR-1254-5

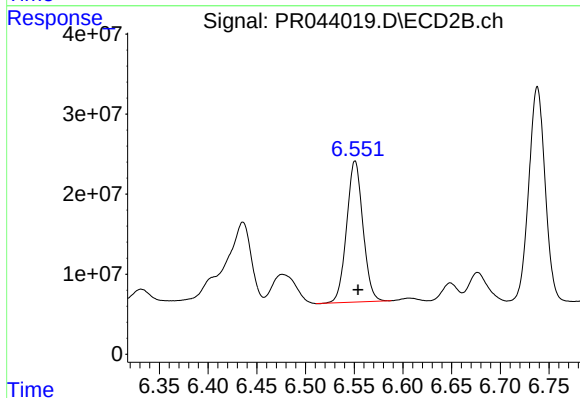
R.T.: 7.067 min
Delta R.T.: -0.002 min
Response: 285734784
Conc: 328.35 ng/ml



#31 AR-1260-1

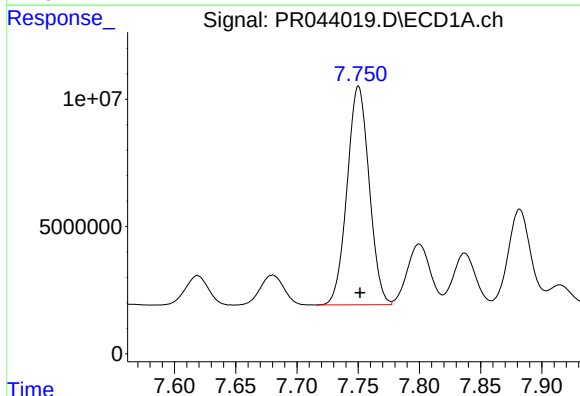
R.T.: 7.496 min
Delta R.T.: 0.000 min
Response: 90823765
Conc: 392.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



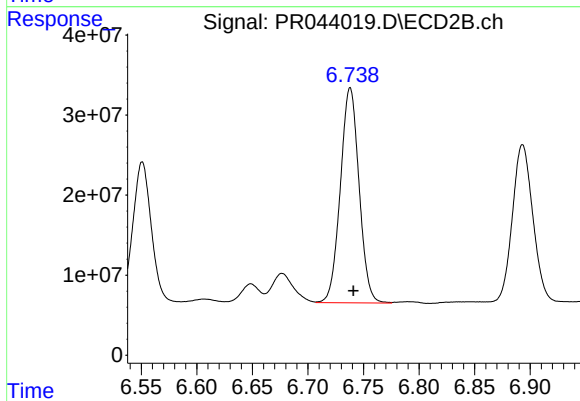
#31 AR-1260-1

R.T.: 6.551 min
Delta R.T.: -0.003 min
Response: 205745876
Conc: 376.48 ng/ml



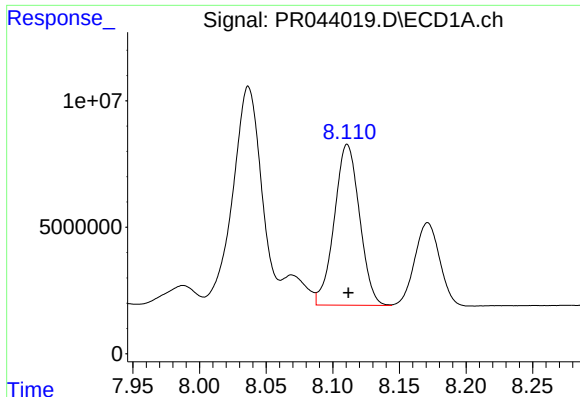
#32 AR-1260-2

R.T.: 7.750 min
Delta R.T.: -0.001 min
Response: 107828876
Conc: 377.91 ng/ml



#32 AR-1260-2

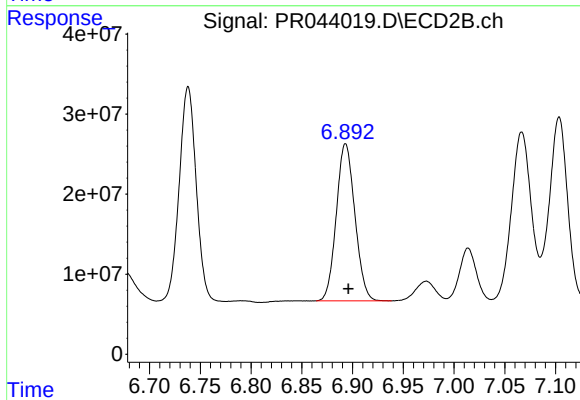
R.T.: 6.738 min
Delta R.T.: -0.003 min
Response: 315213021
Conc: 392.77 ng/ml



#33 AR-1260-3

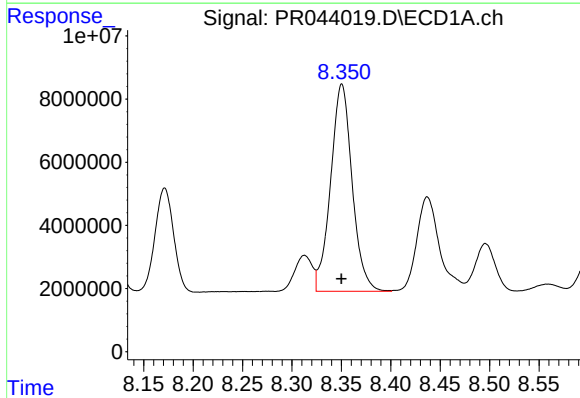
R.T.: 8.111 min
Delta R.T.: 0.000 min
Response: 83977288
Conc: 373.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



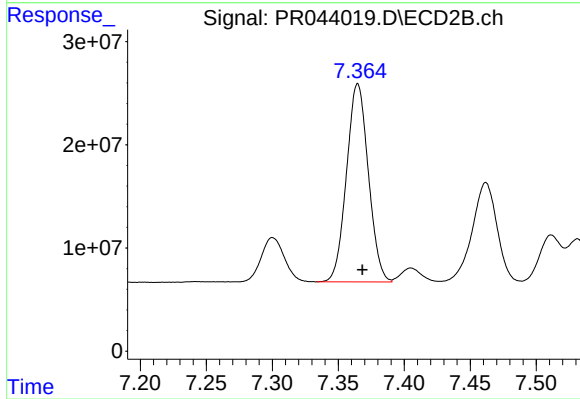
#33 AR-1260-3

R.T.: 6.893 min
Delta R.T.: -0.003 min
Response: 250079347
Conc: 374.45 ng/ml



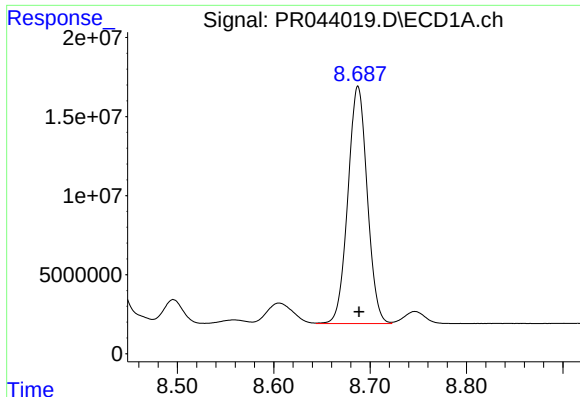
#34 AR-1260-4

R.T.: 8.350 min
Delta R.T.: 0.000 min
Response: 99560015
Conc: 384.50 ng/ml



#34 AR-1260-4

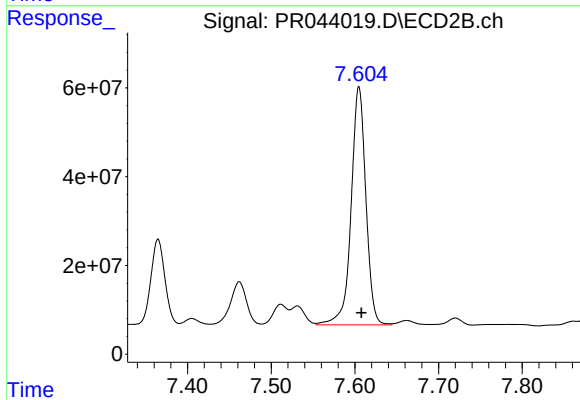
R.T.: 7.365 min
Delta R.T.: -0.003 min
Response: 221121091
Conc: 393.90 ng/ml



#35 AR-1260-5

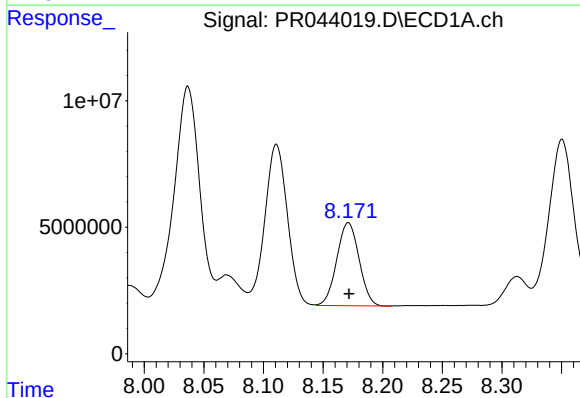
R.T.: 8.687 min
Delta R.T.: -0.001 min
Response: 208974700
Conc: 374.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



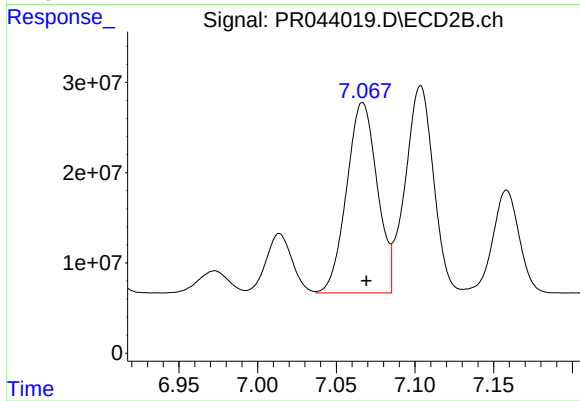
#35 AR-1260-5

R.T.: 7.605 min
Delta R.T.: -0.003 min
Response: 656709918
Conc: 390.11 ng/ml



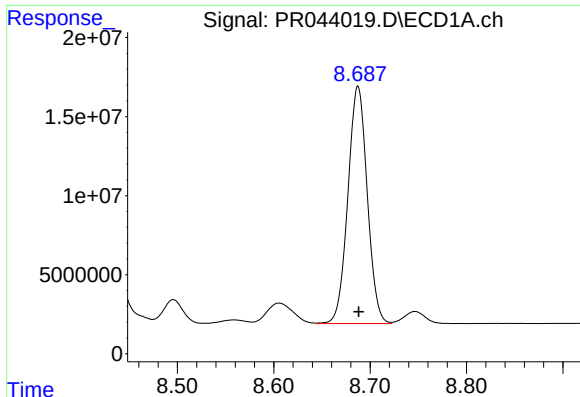
#36 AR-1262-1

R.T.: 8.171 min
Delta R.T.: 0.000 min
Response: 42721681
Conc: 297.01 ng/ml



#36 AR-1262-1

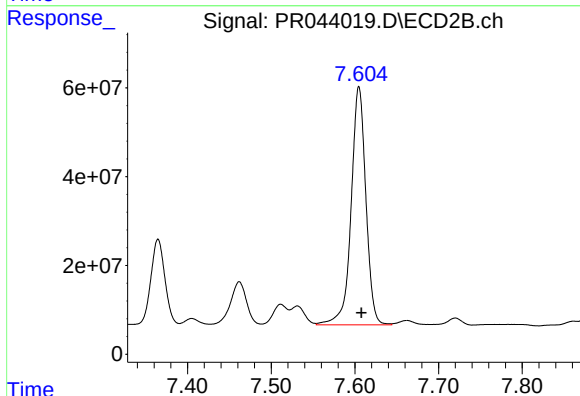
R.T.: 7.067 min
Delta R.T.: -0.002 min
Response: 285734784
Conc: 577.61 ng/ml



#37 AR-1262-2

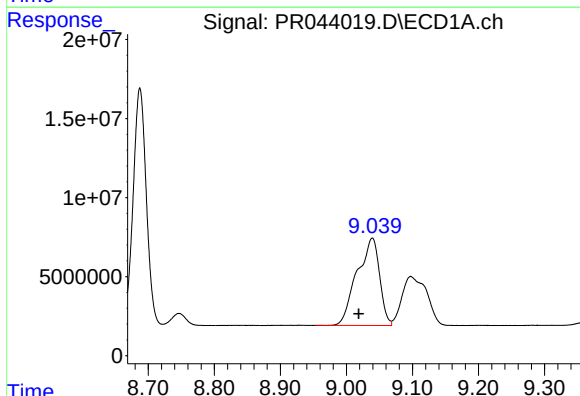
R.T.: 8.687 min
Delta R.T.: 0.000 min
Response: 208974700
Conc: 294.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



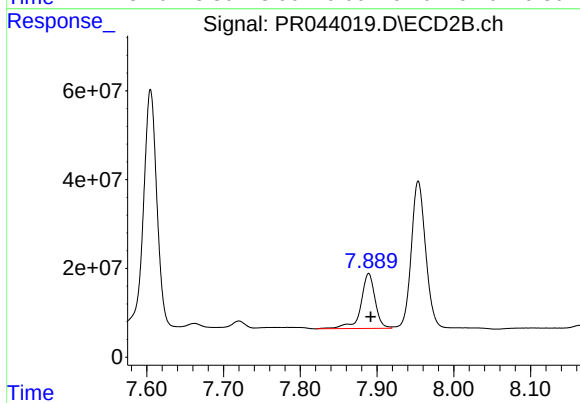
#37 AR-1262-2

R.T.: 7.605 min
Delta R.T.: -0.003 min
Response: 656709918
Conc: 302.01 ng/ml



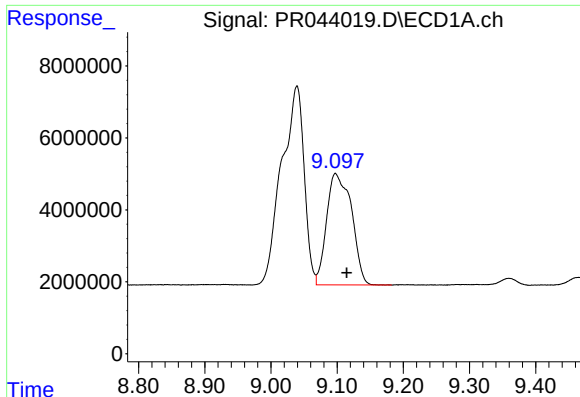
#38 AR-1262-3

R.T.: 9.039 min
Delta R.T.: 0.020 min
Response: 130947381
Conc: 284.27 ng/ml



#38 AR-1262-3

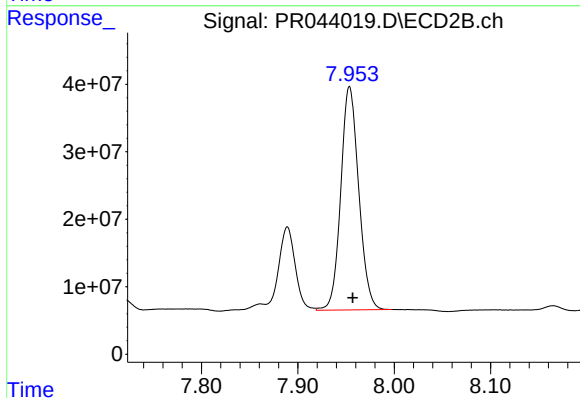
R.T.: 7.889 min
Delta R.T.: -0.003 min
Response: 159540178
Conc: 184.71 ng/ml



#39 AR-1262-4

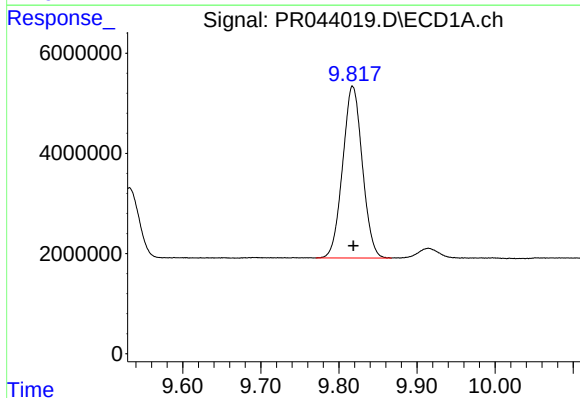
R.T.: 9.098 min
Delta R.T.: -0.017 min
Response: 81055951
Conc: 237.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



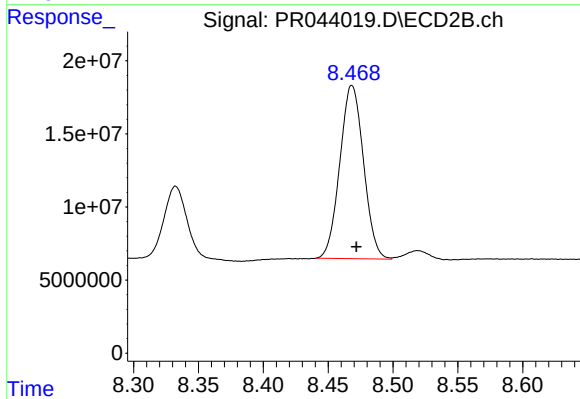
#39 AR-1262-4

R.T.: 7.954 min
Delta R.T.: -0.003 min
Response: 427501339
Conc: 300.66 ng/ml



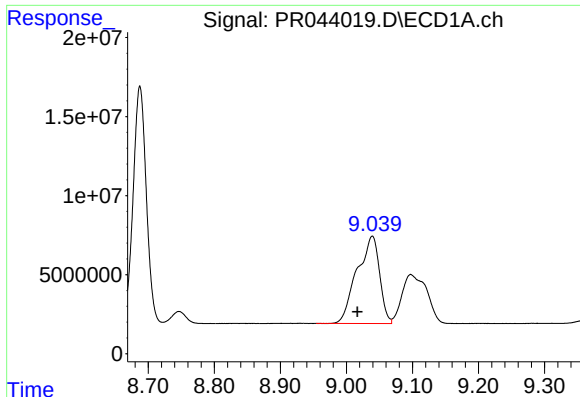
#40 AR-1262-5

R.T.: 9.818 min
Delta R.T.: -0.001 min
Response: 59992243
Conc: 249.89 ng/ml



#40 AR-1262-5

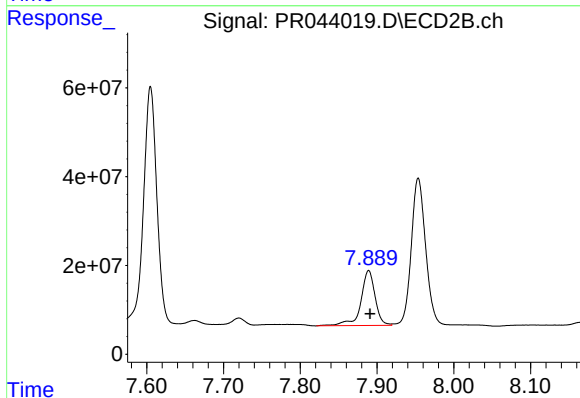
R.T.: 8.468 min
Delta R.T.: -0.003 min
Response: 150674658
Conc: 235.68 ng/ml



#41 AR-1268-1

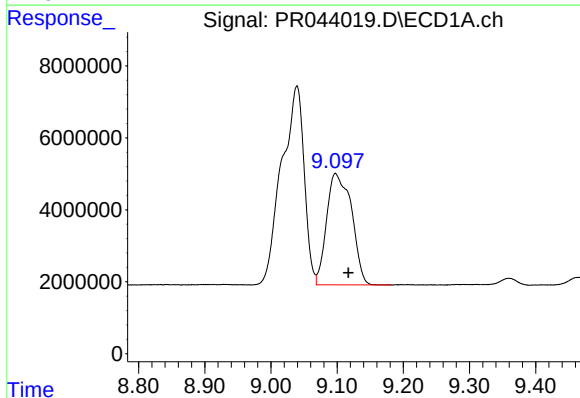
R.T.: 9.039 min
Delta R.T.: 0.022 min
Response: 130947381
Conc: 162.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



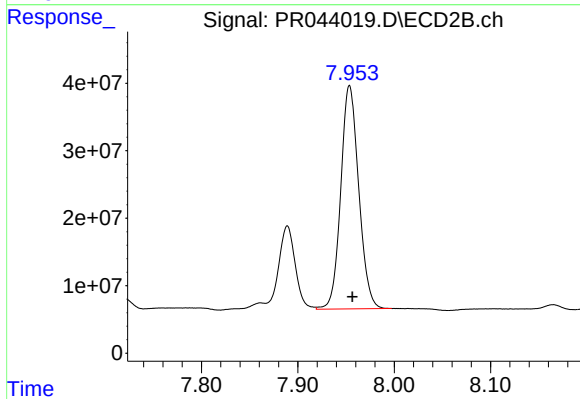
#41 AR-1268-1

R.T.: 7.889 min
Delta R.T.: -0.002 min
Response: 159540178
Conc: 65.25 ng/ml



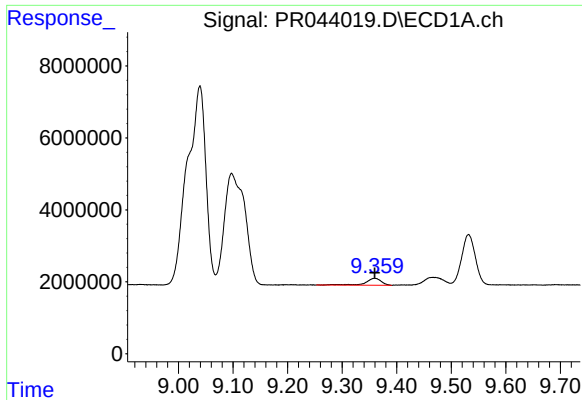
#42 AR-1268-2

R.T.: 9.098 min
Delta R.T.: -0.019 min
Response: 81055951
Conc: 110.01 ng/ml



#42 AR-1268-2

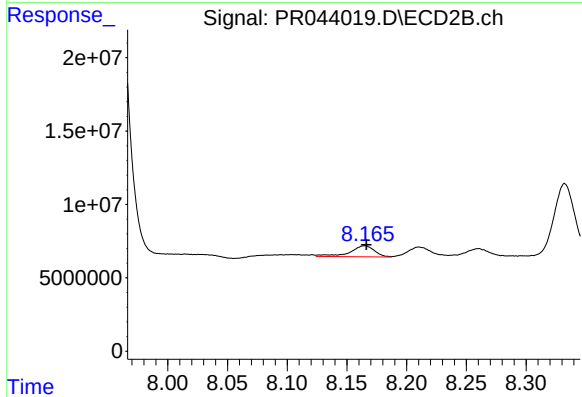
R.T.: 7.954 min
Delta R.T.: -0.003 min
Response: 427501339
Conc: 204.39 ng/ml



#43 AR-1268-3

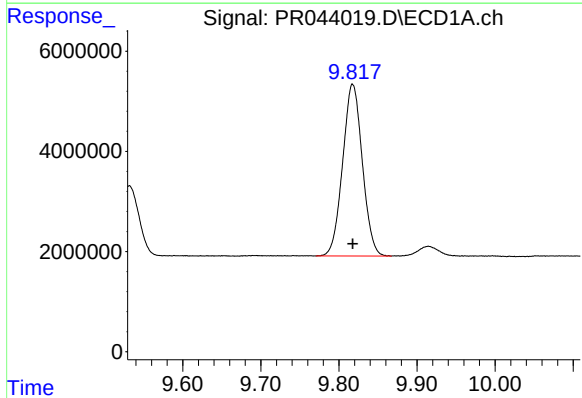
R.T.: 9.360 min
Delta R.T.: 0.000 min
Response: 3837831
Conc: 6.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



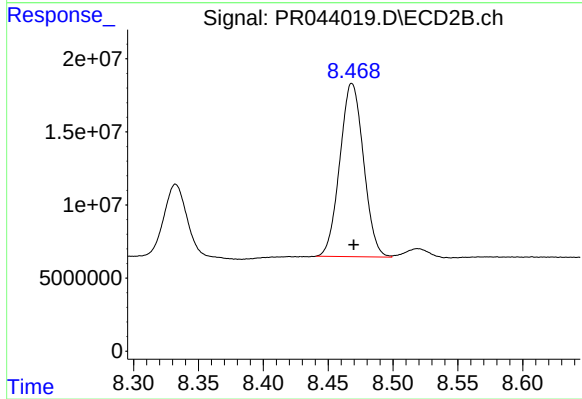
#43 AR-1268-3

R.T.: 8.165 min
Delta R.T.: -0.001 min
Response: 10724002
Conc: 5.96 ng/ml



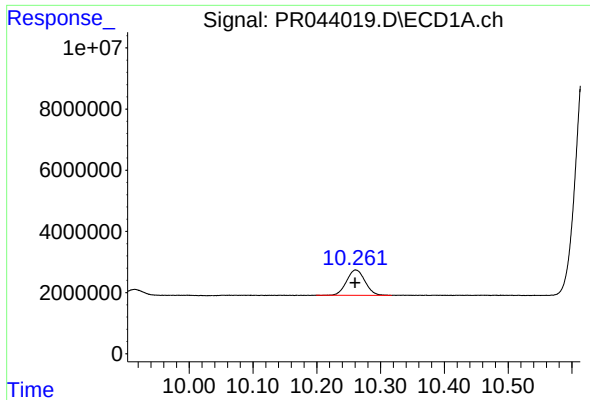
#44 AR-1268-4

R.T.: 9.818 min
Delta R.T.: 0.000 min
Response: 59992243
Conc: 226.77 ng/ml



#44 AR-1268-4

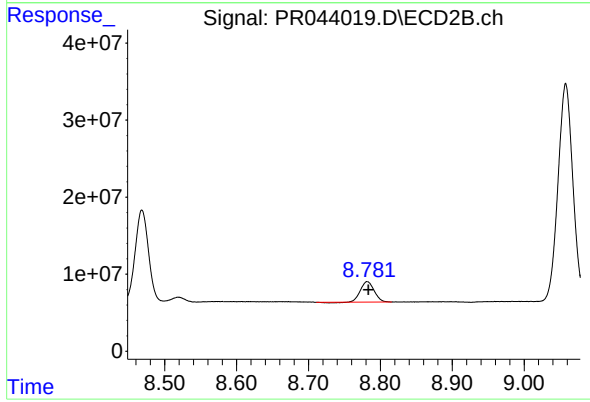
R.T.: 8.468 min
Delta R.T.: -0.001 min
Response: 150674658
Conc: 213.82 ng/ml



#45 AR-1268-5

R.T.: 10.261 min
Delta R.T.: 0.000 min
Response: 16710137
Conc: 8.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.782 min
Delta R.T.: -0.002 min
Response: 34700510
Conc: 7.11 ng/ml