

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032221\
 Data File : PS014316.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2021 20:08
 Operator : DD\AJ
 Sample : M1693-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 23 02:36:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR031921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 22 09:06:45 2021
 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...	4.665	3.968f	10477172	6174526	1.812	4.984 #
2)	SA Decachlor...	10.620f	9.115f	26070961	8139682	5.137	2.798 #
Target Compounds							
3)	L1 AR-1016-1	5.832f	0.000	21706455	0	113.002	N.D. #
4)	L1 AR-1016-2	0.000	5.118	0	602297	N.D.	9.836 #
5)	L1 AR-1016-3	5.924f	5.279	63792927	22732373	399.021	659.973 #
6)	L1 AR-1016-4	6.029f	0.000	64584101	0	479.605	N.D. #
7)	L1 AR-1016-5	0.000	5.541	0	10001280	N.D.	355.515 #
8)	L2 AR-1221-1	4.873	4.189f	181.0E6	103.9E6	3163.621	7592.045 #
9)	L2 AR-1221-2	4.955f	4.270f	232135	27465807	5.412	2307.987 #
10)	L2 AR-1221-3	5.081f	4.346f	96517359	44402711	699.372	1249.337 #
11)	L3 AR-1232-1	5.081f	4.346f	96517359	44402711	892.508	1581.494 #
12)	L3 AR-1232-2	5.604	5.118	192.7E6	602297	3403.010	22.987 #
13)	L3 AR-1232-3	0.000	5.279	0	22732373	N.D.	1575.795 #
14)	L3 AR-1232-4	6.029f	0.000	64584101	0	1196.473	N.D. #
15)	L3 AR-1232-5	0.000	5.541	0	10001280	N.D.	968.584 #
16)	L4 AR-1242-1	5.832f	0.000	21706455	0	147.841	N.D. #
17)	L4 AR-1242-2	0.000	5.118	0	602297	N.D.	13.212 #
18)	L4 AR-1242-3	5.924f	5.279	63792927	22732373	527.699	886.513 #
19)	L4 AR-1242-4	6.029f	0.000	64584101	0	636.511	N.D. #
20)	L4 AR-1242-5	6.800f	5.903	479.2E6	11114777	4476.826	417.954 #
21)	L5 AR-1248-1	5.832f	0.000	21706455	0	195.195	N.D. #
24)	L5 AR-1248-4	6.739	5.541	9610730	10001280	47.926	289.510 #
25)	L5 AR-1248-5	6.800f	5.938	479.2E6	12519704	2499.058	282.065 #
26)	L6 AR-1254-1	6.705	5.903	15667986	11114777	80.750	229.776 #
27)	L6 AR-1254-2	6.937	6.026	-1723578	10369502	N.D.	240.998 #
28)	L6 AR-1254-3	7.286f	6.451	117.8E6	3788468	355.320	42.041 #
29)	L6 AR-1254-4	7.601	6.692f	296.2E6	18554050	1199.695	236.075 #
30)	L6 AR-1254-5	8.035f	7.091	13059638	212009	48.953	1.947 #
31)	L7 AR-1260-1	7.456	6.567	12553074	7470200	53.833	147.889 #
32)	L7 AR-1260-2	7.704f	6.771	81884033	15718440	286.066	140.473 #
33)	L7 AR-1260-3	8.100f	6.926	14044696	8568501	65.625	107.451 #
34)	L7 AR-1260-4	8.318	7.372f	10366764	11909971	41.159	142.182 #
35)	L7 AR-1260-5	8.673	7.629	17887248	8921918	33.728	25.047 #
36)	L8 AR-1262-1	8.100f	7.091	14044696	212009	44.110	3.695 #
37)	L8 AR-1262-2	8.673	7.629	17887248	8921918	29.380	23.839
38)	L8 AR-1262-3	9.020f	7.902	5283189	17852986	13.628	122.719 #
39)	L8 AR-1262-4	9.071	0.000	3532116	0	12.439	N.D. #
40)	L8 AR-1262-5	9.808	8.482	18998324	9195833	90.821	71.875
41)	L9 AR-1268-1	9.020f	7.902	5283189	17852986	7.721	38.686 #
42)	L9 AR-1268-2	9.105	0.000	6079863	0	9.807	N.D. #
43)	L9 AR-1268-3	9.345	8.181	82123245	3827400	156.432	10.584 #

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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	9.808	8.482	18998324	9195833	84.418	65.146
45) L9	AR-1268-5	10.212f	8.811	40895206	3741868	21.461	3.038 #

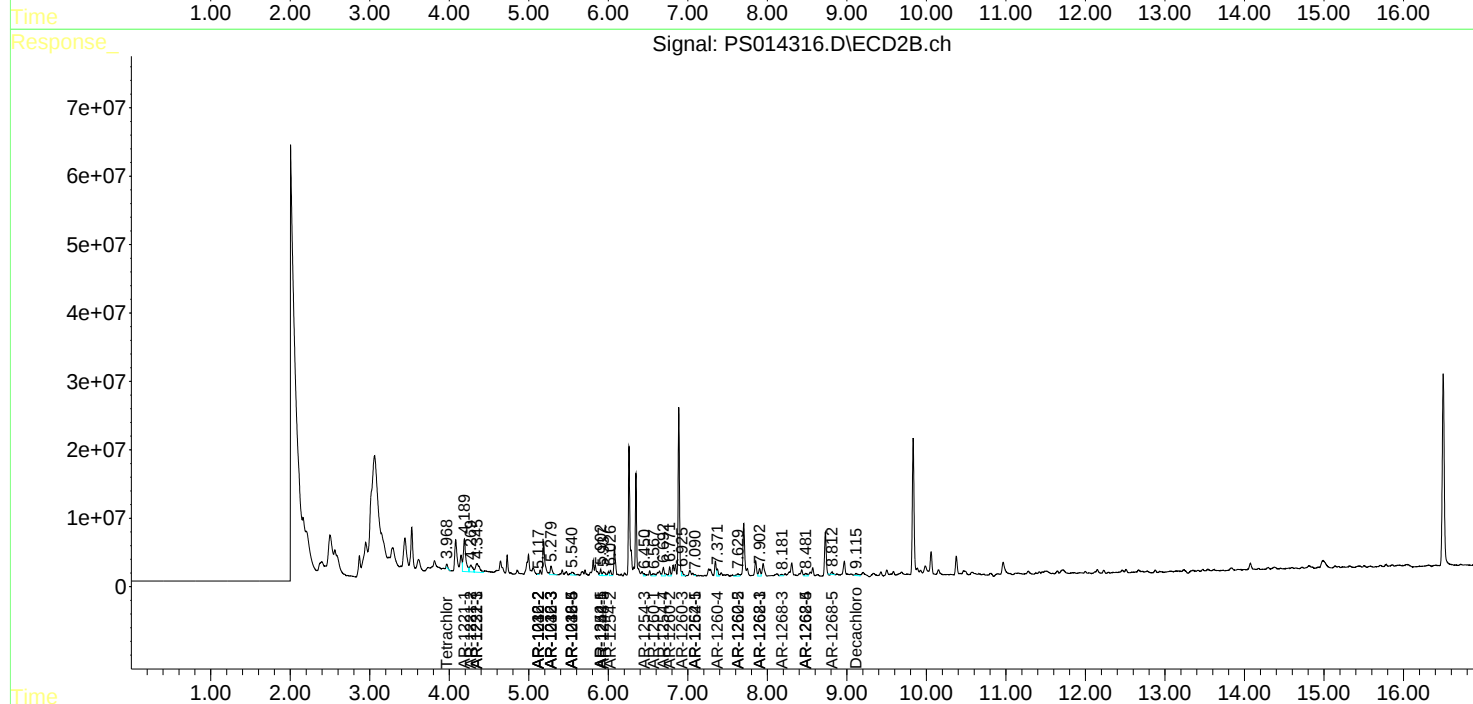
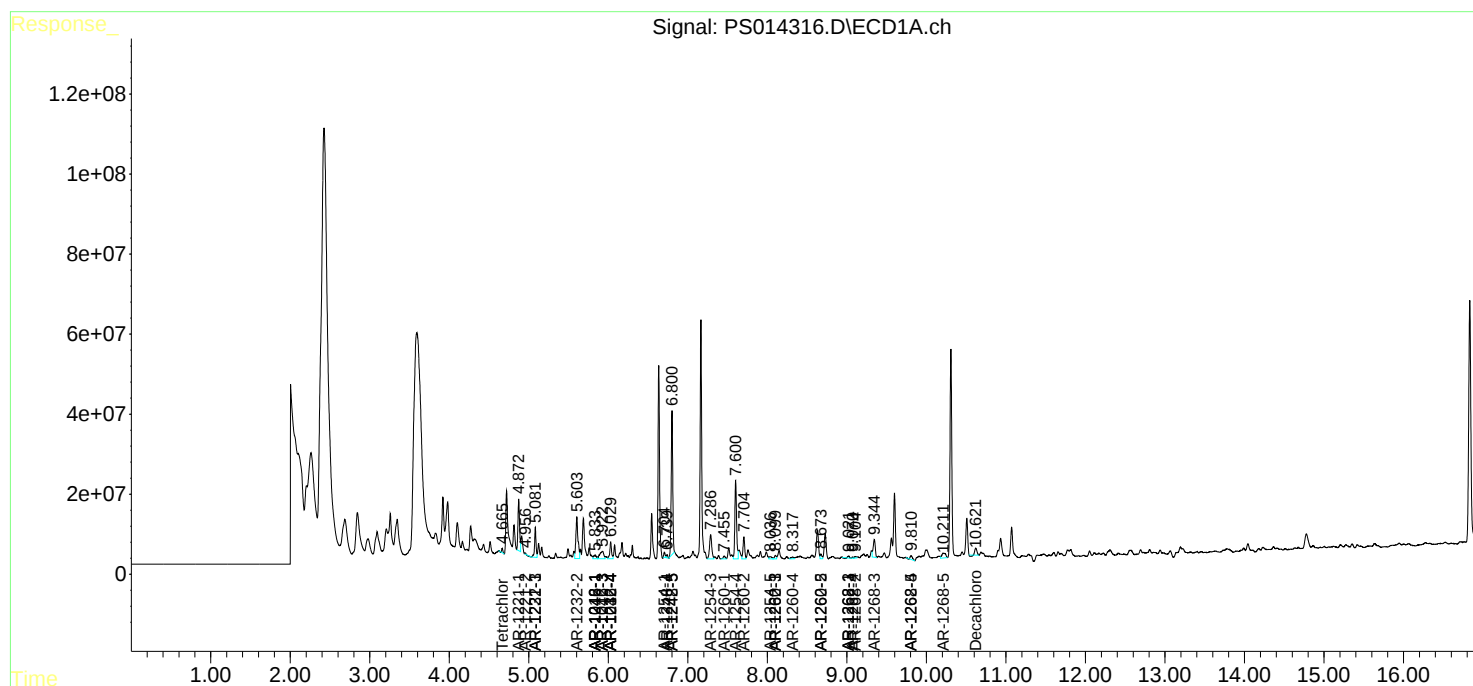
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

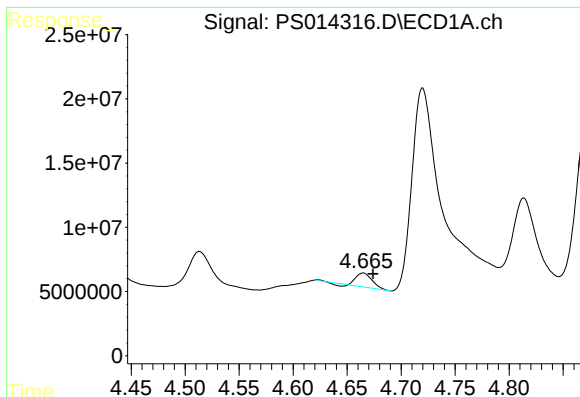
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

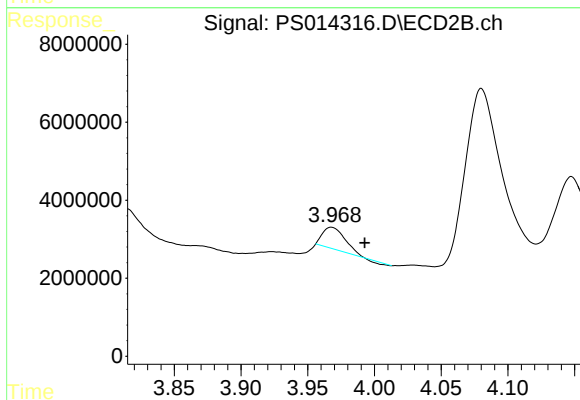




#1 Tetrachloro-m-xylene

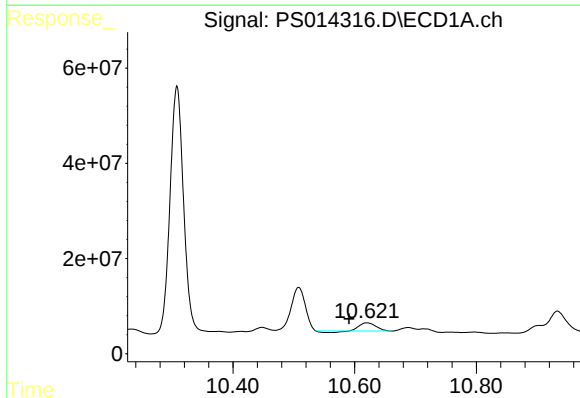
R.T.: 4.665 min
Delta R.T.: -0.009 min
Response: 10477172
Conc: 1.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



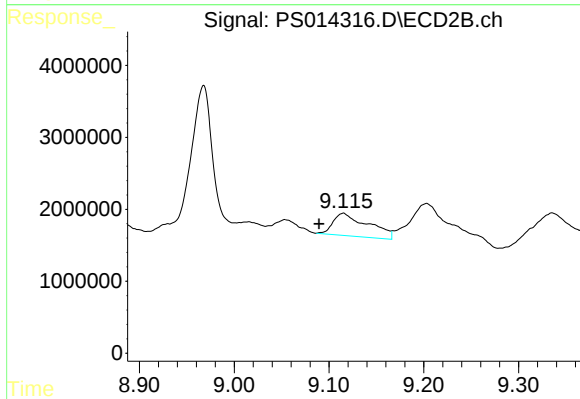
#1 Tetrachloro-m-xylene

R.T.: 3.968 min
Delta R.T.: -0.025 min
Response: 6174526
Conc: 4.98 ng/ml



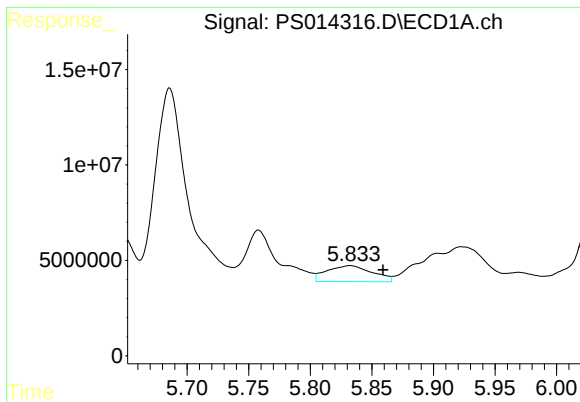
#2 Decachlorobiphenyl

R.T.: 10.620 min
Delta R.T.: 0.029 min
Response: 26070961
Conc: 5.14 ng/ml



#2 Decachlorobiphenyl

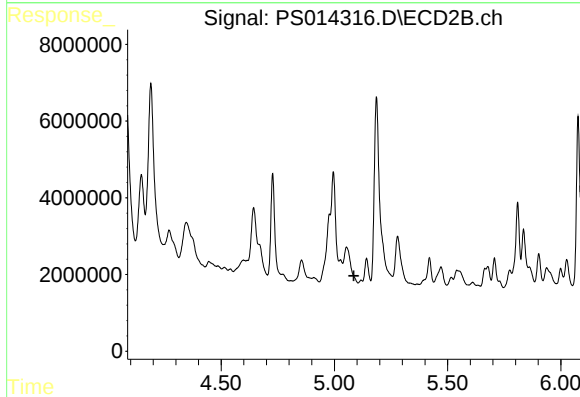
R.T.: 9.115 min
Delta R.T.: 0.026 min
Response: 8139682
Conc: 2.80 ng/ml



#3 AR-1016-1

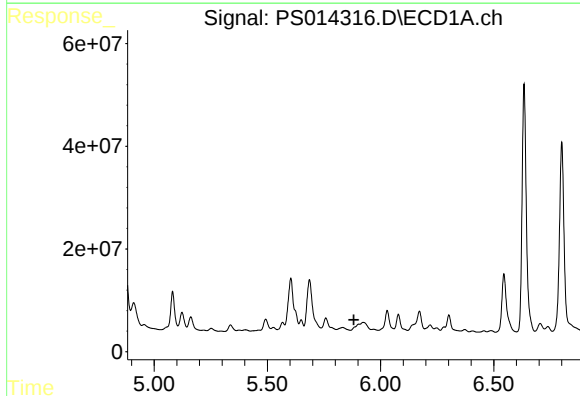
R.T.: 5.832 min
Delta R.T.: -0.027 min
Response: 21706455
Conc: 113.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



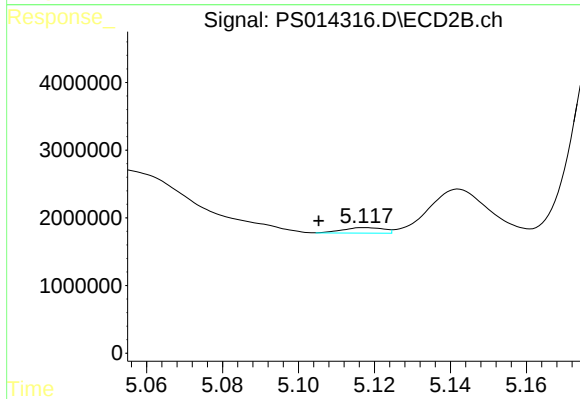
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.086 min
Response: 0
Conc: N.D.



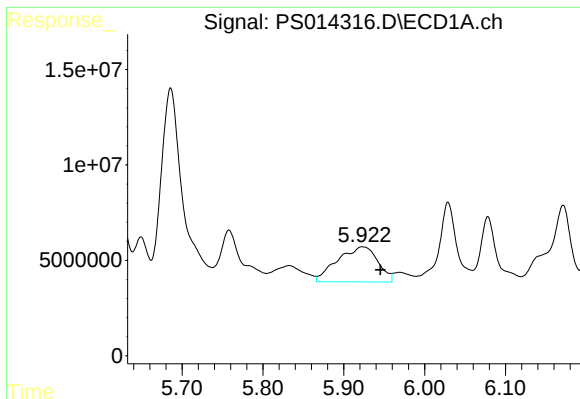
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.882 min
Response: 0
Conc: N.D.



#4 AR-1016-2

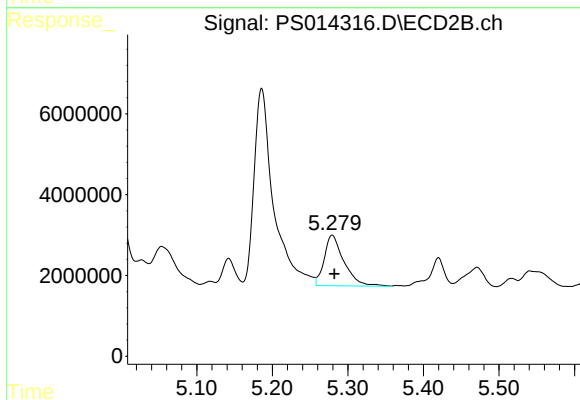
R.T.: 5.118 min
Delta R.T.: 0.012 min
Response: 602297
Conc: 9.84 ng/ml



#5 AR-1016-3

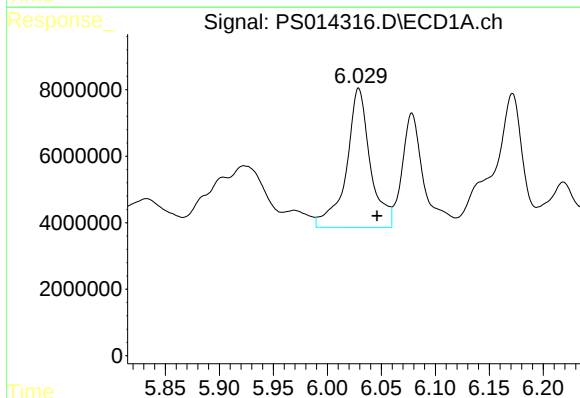
R.T.: 5.924 min
Delta R.T.: -0.022 min
Response: 63792927
Conc: 399.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



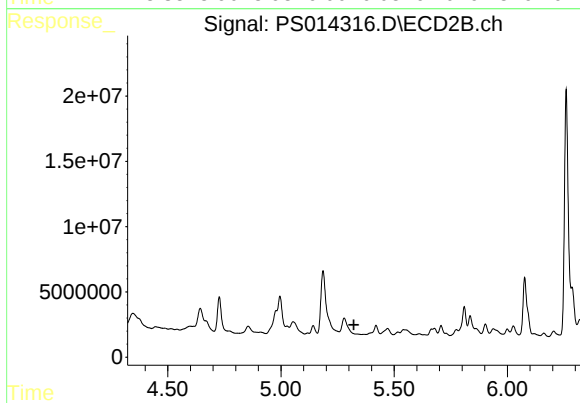
#5 AR-1016-3

R.T.: 5.279 min
Delta R.T.: -0.003 min
Response: 22732373
Conc: 659.97 ng/ml



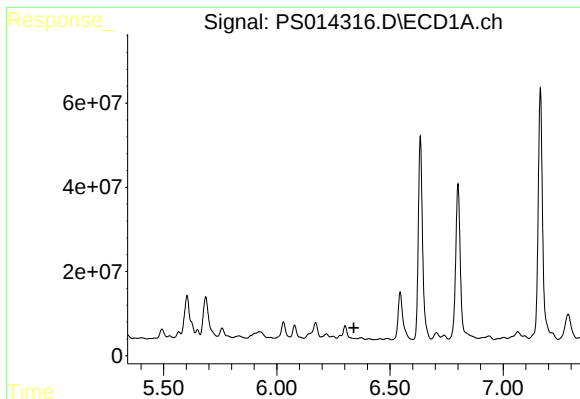
#6 AR-1016-4

R.T.: 6.029 min
Delta R.T.: -0.017 min
Response: 64584101
Conc: 479.60 ng/ml



#6 AR-1016-4

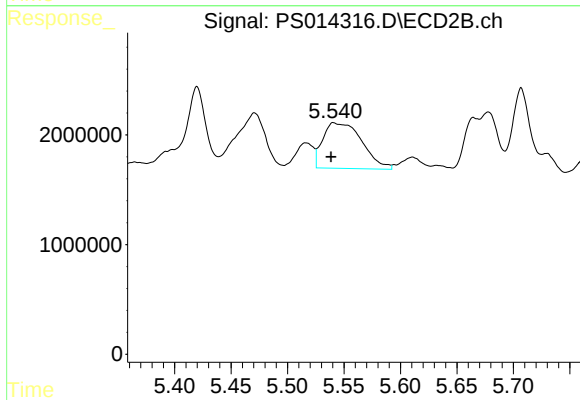
R.T.: 0.000 min
Exp R.T.: 5.322 min
Response: 0
Conc: N.D.



#7 AR-1016-5

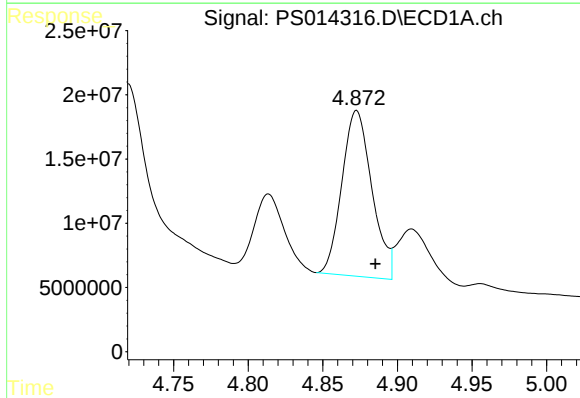
R.T.: 0.000 min
Exp R.T.: 6.340 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



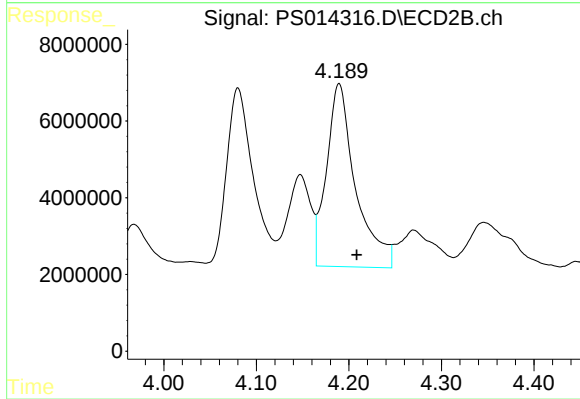
#7 AR-1016-5

R.T.: 5.541 min
Delta R.T.: 0.002 min
Response: 10001280
Conc: 355.51 ng/ml



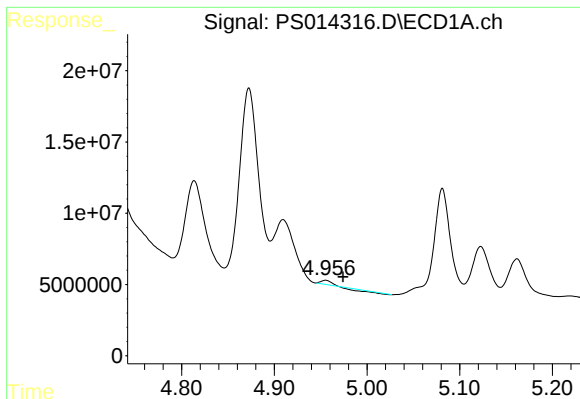
#8 AR-1221-1

R.T.: 4.873 min
Delta R.T.: -0.012 min
Response: 180964916
Conc: 3163.62 ng/ml



#8 AR-1221-1

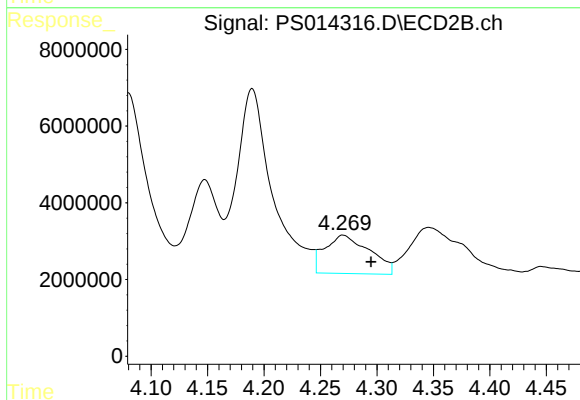
R.T.: 4.189 min
Delta R.T.: -0.019 min
Response: 103868853
Conc: 7592.05 ng/ml



#9 AR-1221-2

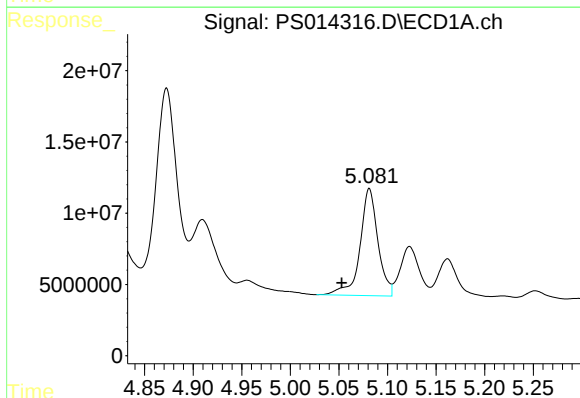
R.T.: 4.955 min
Delta R.T.: -0.019 min
Response: 232135
Conc: 5.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



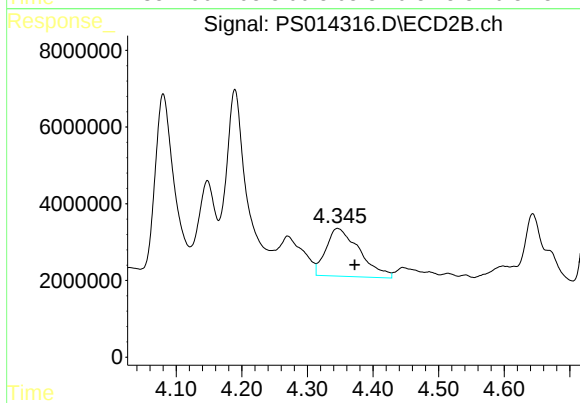
#9 AR-1221-2

R.T.: 4.270 min
Delta R.T.: -0.025 min
Response: 27465807
Conc: 2307.99 ng/ml



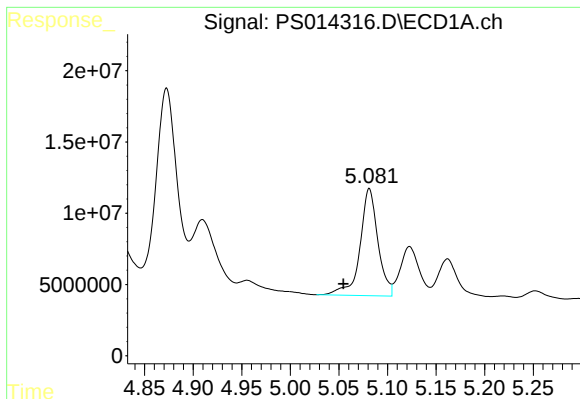
#10 AR-1221-3

R.T.: 5.081 min
Delta R.T.: 0.028 min
Response: 96517359
Conc: 699.37 ng/ml



#10 AR-1221-3

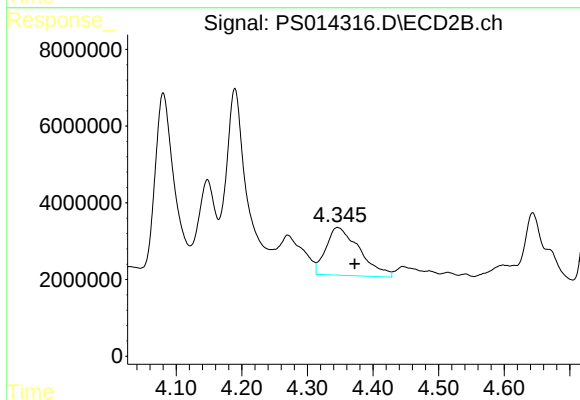
R.T.: 4.346 min
Delta R.T.: -0.026 min
Response: 44402711
Conc: 1249.34 ng/ml



#11 AR-1232-1

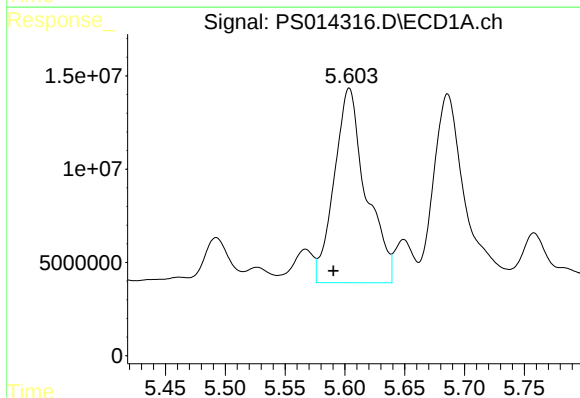
R.T.: 5.081 min
Delta R.T.: 0.027 min
Response: 96517359
Conc: 892.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



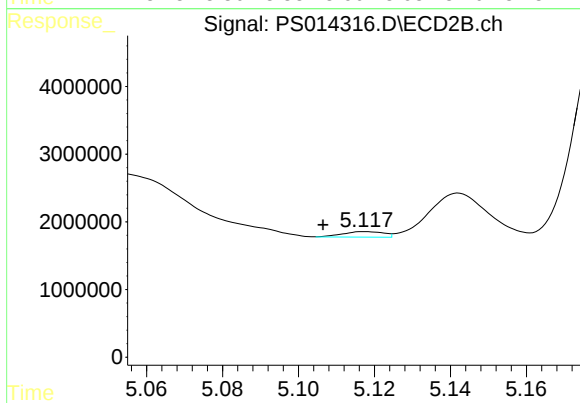
#11 AR-1232-1

R.T.: 4.346 min
Delta R.T.: -0.026 min
Response: 44402711
Conc: 1581.49 ng/ml



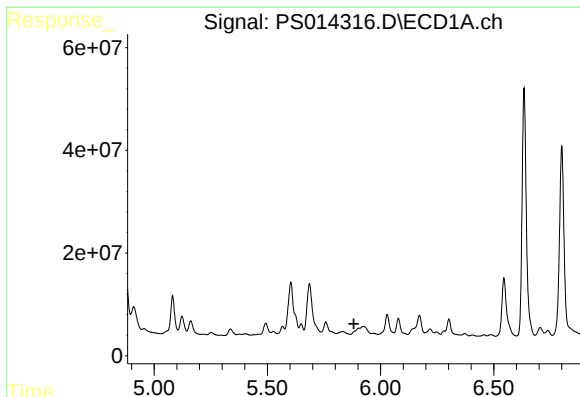
#12 AR-1232-2

R.T.: 5.604 min
Delta R.T.: 0.013 min
Response: 192729992
Conc: 3403.01 ng/ml



#12 AR-1232-2

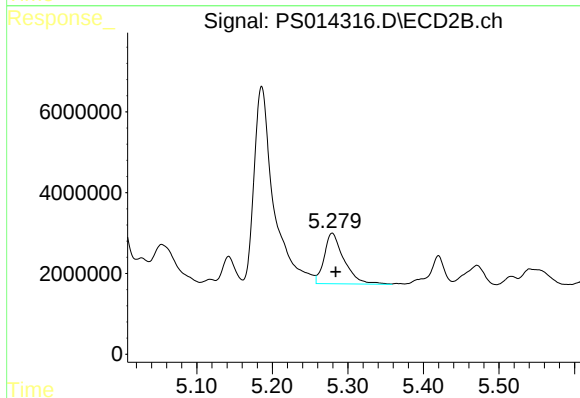
R.T.: 5.118 min
Delta R.T.: 0.011 min
Response: 602297
Conc: 22.99 ng/ml



#13 AR-1232-3

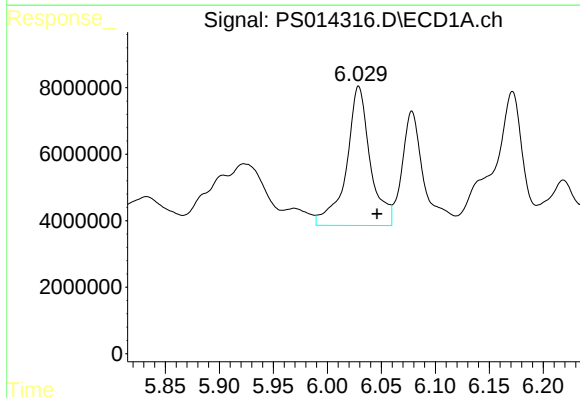
R.T.: 0.000 min
Exp R.T.: 5.882 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



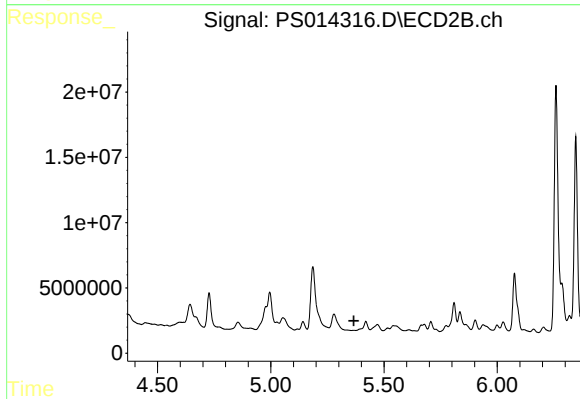
#13 AR-1232-3

R.T.: 5.279 min
Delta R.T.: -0.004 min
Response: 22732373
Conc: 1575.79 ng/ml



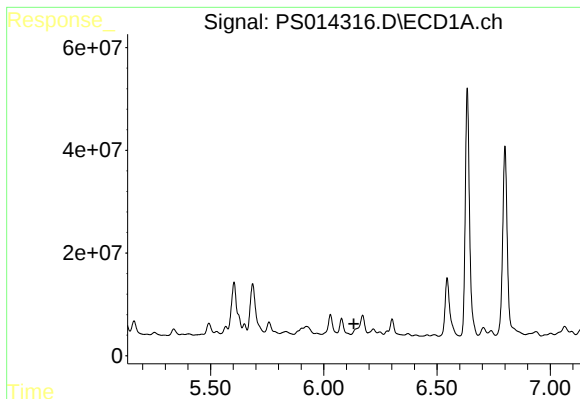
#14 AR-1232-4

R.T.: 6.029 min
Delta R.T.: -0.017 min
Response: 64584101
Conc: 1196.47 ng/ml



#14 AR-1232-4

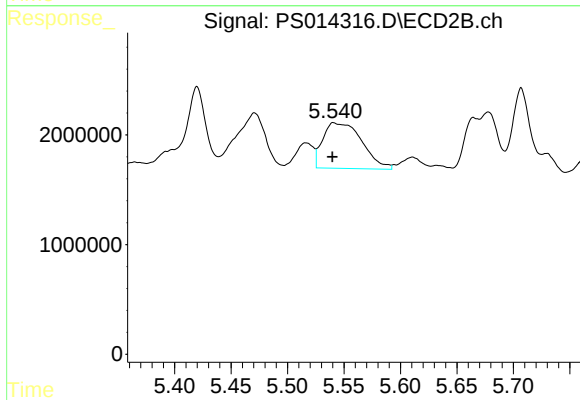
R.T.: 0.000 min
Exp R.T.: 5.367 min
Response: 0
Conc: N.D.



#15 AR-1232-5

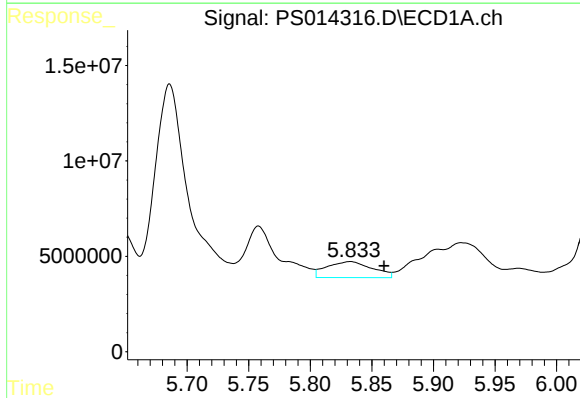
R.T.: 0.000 min
Exp R.T.: 6.133 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



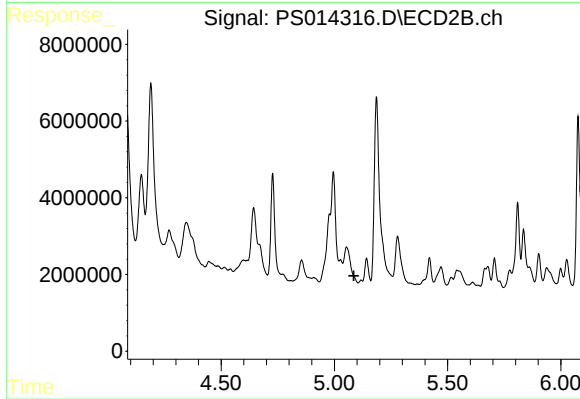
#15 AR-1232-5

R.T.: 5.541 min
Delta R.T.: 0.001 min
Response: 10001280
Conc: 968.58 ng/ml



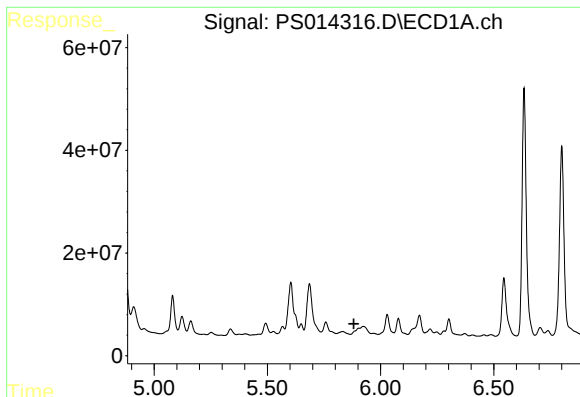
#16 AR-1242-1

R.T.: 5.832 min
Delta R.T.: -0.028 min
Response: 21706455
Conc: 147.84 ng/ml



#16 AR-1242-1

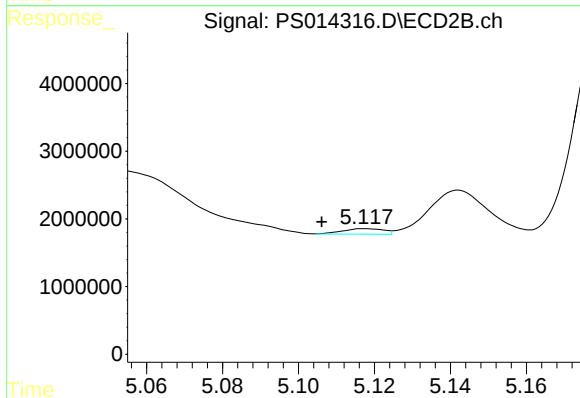
R.T.: 0.000 min
Exp R.T.: 5.086 min
Response: 0
Conc: N.D.



#17 AR-1242-2

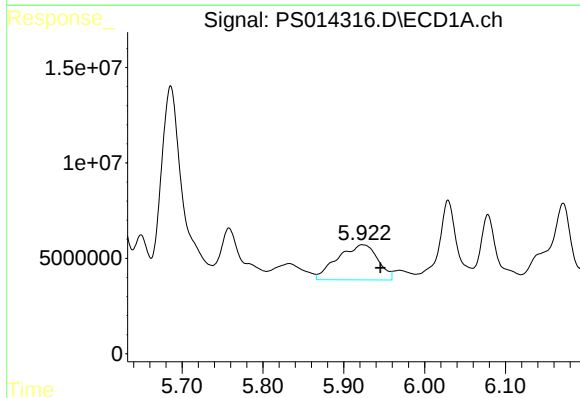
R.T.: 0.000 min
Exp R.T.: 5.882 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



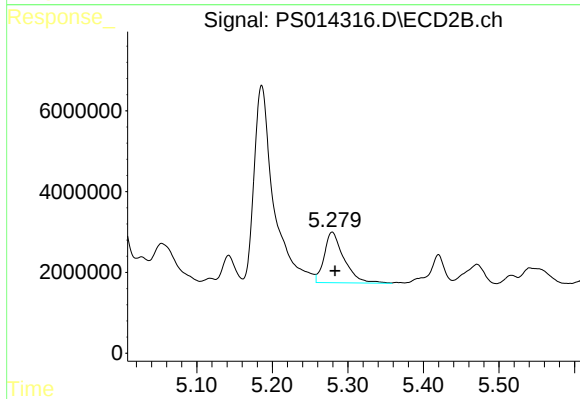
#17 AR-1242-2

R.T.: 5.118 min
Delta R.T.: 0.012 min
Response: 602297
Conc: 13.21 ng/ml



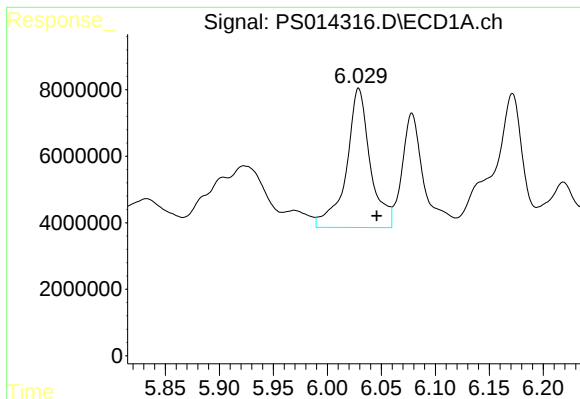
#18 AR-1242-3

R.T.: 5.924 min
Delta R.T.: -0.022 min
Response: 63792927
Conc: 527.70 ng/ml



#18 AR-1242-3

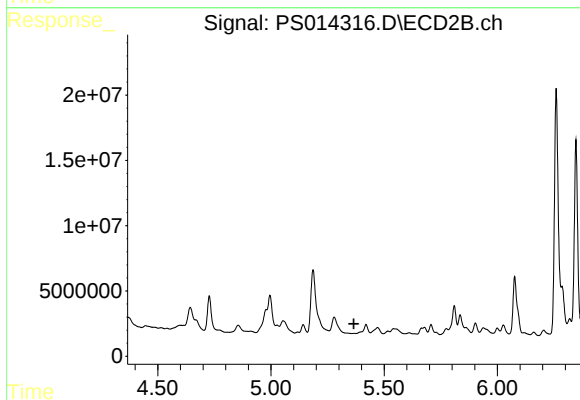
R.T.: 5.279 min
Delta R.T.: -0.004 min
Response: 22732373
Conc: 886.51 ng/ml



#19 AR-1242-4

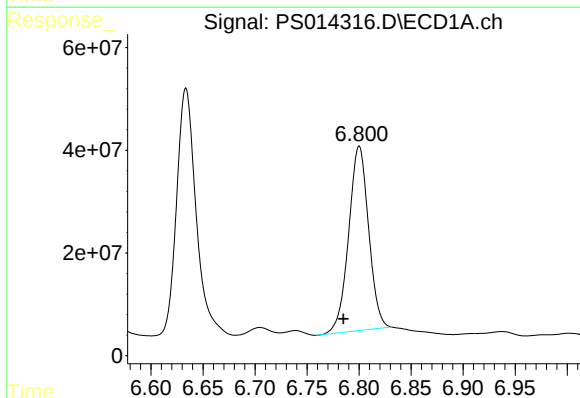
R.T.: 6.029 min
Delta R.T.: -0.017 min
Response: 64584101
Conc: 636.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



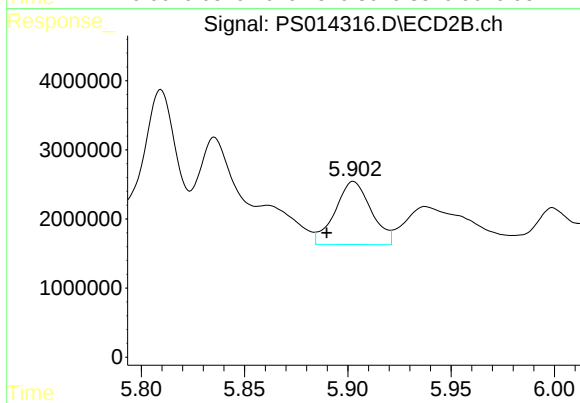
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.366 min
Response: 0
Conc: N.D.



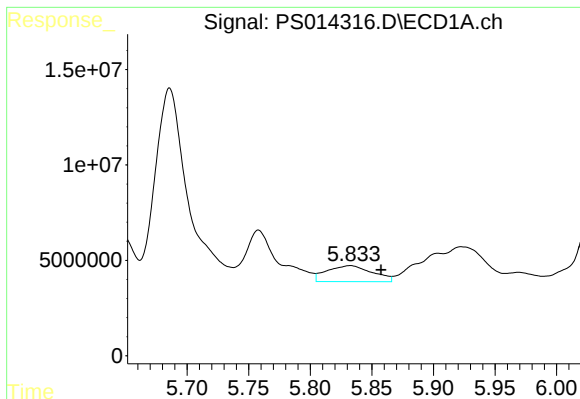
#20 AR-1242-5

R.T.: 6.800 min
Delta R.T.: 0.015 min
Response: 479173440
Conc: 4476.83 ng/ml



#20 AR-1242-5

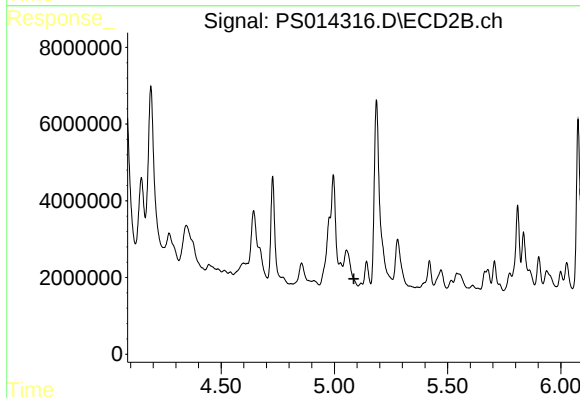
R.T.: 5.903 min
Delta R.T.: 0.013 min
Response: 11114777
Conc: 417.95 ng/ml



#21 AR-1248-1

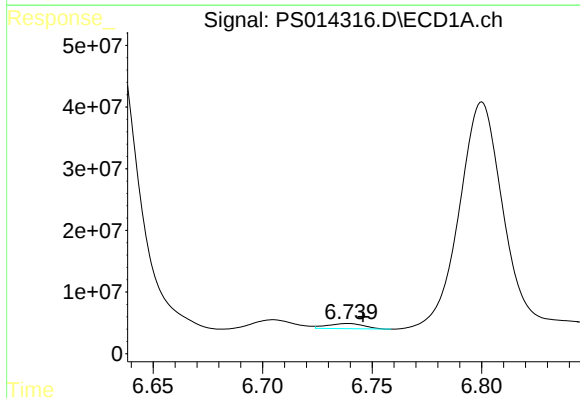
R.T.: 5.832 min
Delta R.T.: -0.025 min
Response: 21706455
Conc: 195.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



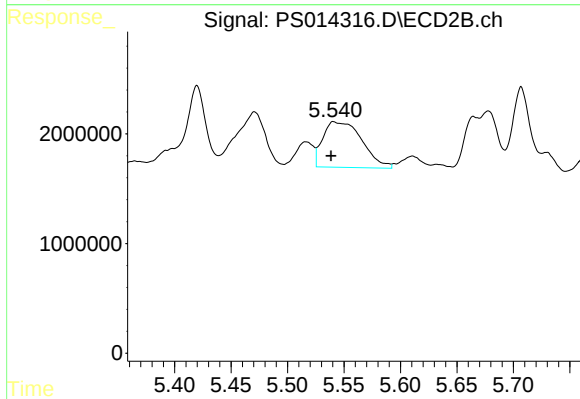
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.086 min
Response: 0
Conc: N.D.



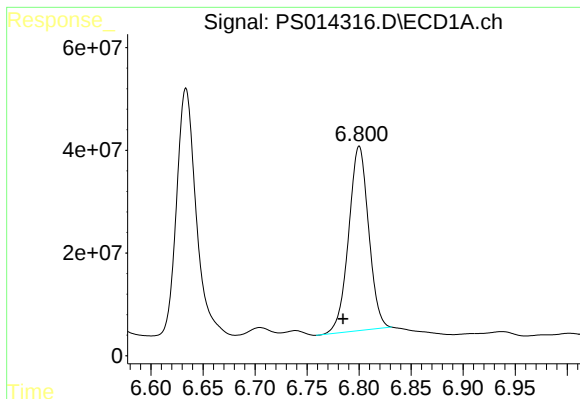
#24 AR-1248-4

R.T.: 6.739 min
Delta R.T.: -0.007 min
Response: 9610730
Conc: 47.93 ng/ml



#24 AR-1248-4

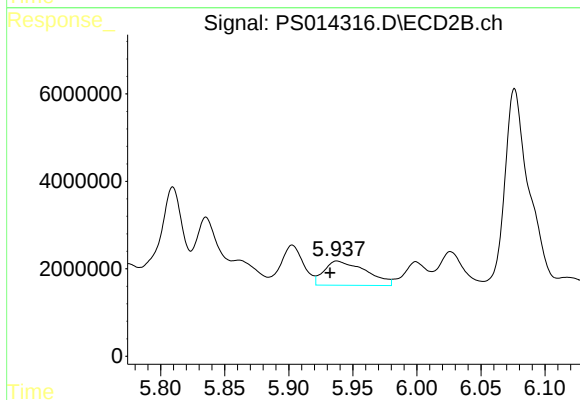
R.T.: 5.541 min
Delta R.T.: 0.002 min
Response: 10001280
Conc: 289.51 ng/ml



#25 AR-1248-5

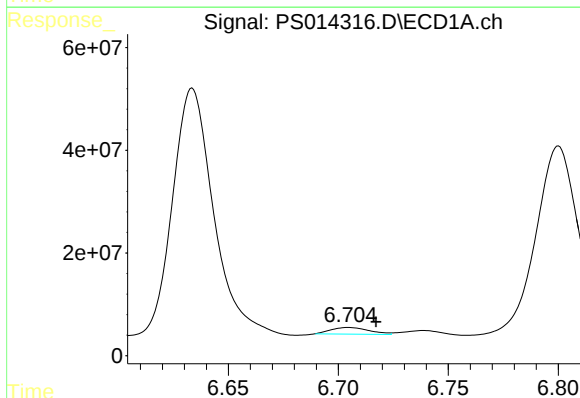
R.T.: 6.800 min
Delta R.T.: 0.016 min
Response: 479173440
Conc: 2499.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



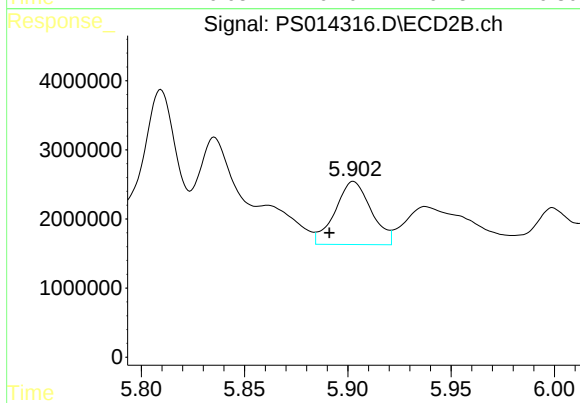
#25 AR-1248-5

R.T.: 5.938 min
Delta R.T.: 0.006 min
Response: 12519704
Conc: 282.06 ng/ml



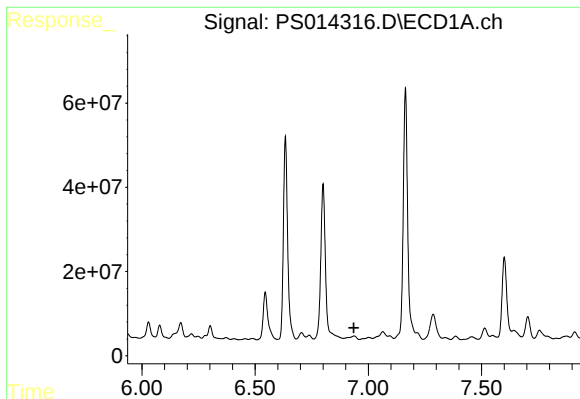
#26 AR-1254-1

R.T.: 6.705 min
Delta R.T.: -0.012 min
Response: 15667986
Conc: 80.75 ng/ml



#26 AR-1254-1

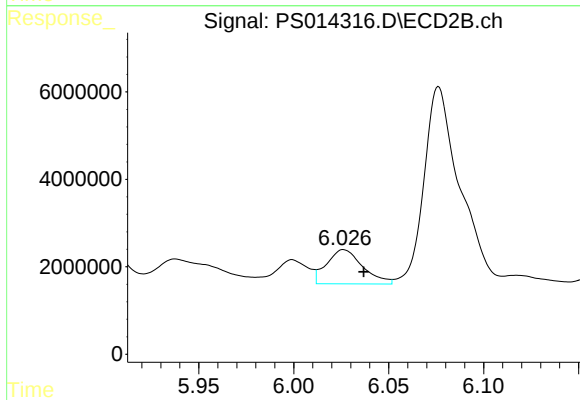
R.T.: 5.903 min
Delta R.T.: 0.012 min
Response: 11114777
Conc: 229.78 ng/ml



#27 AR-1254-2

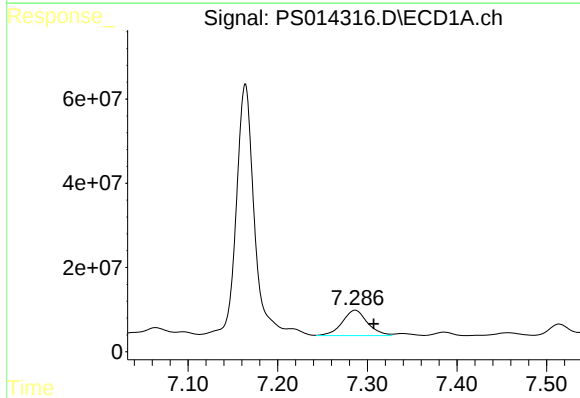
R.T.: 6.937 min
Delta R.T.: 0.001 min
Response: -1723578
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



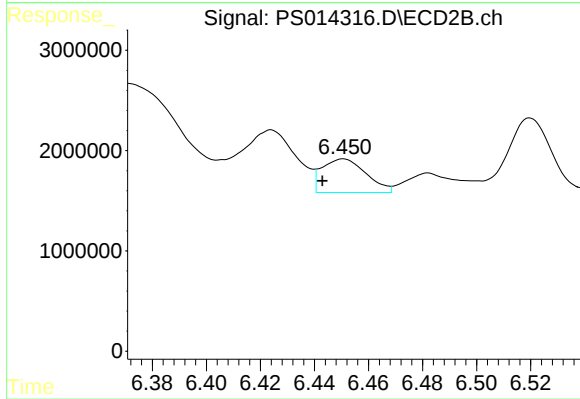
#27 AR-1254-2

R.T.: 6.026 min
Delta R.T.: -0.010 min
Response: 10369502
Conc: 241.00 ng/ml



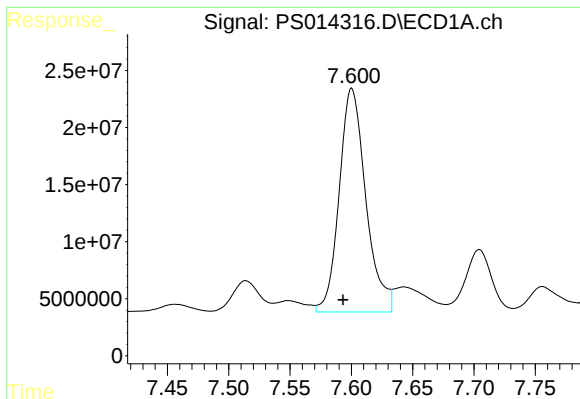
#28 AR-1254-3

R.T.: 7.286 min
Delta R.T.: -0.021 min
Response: 117828644
Conc: 355.32 ng/ml



#28 AR-1254-3

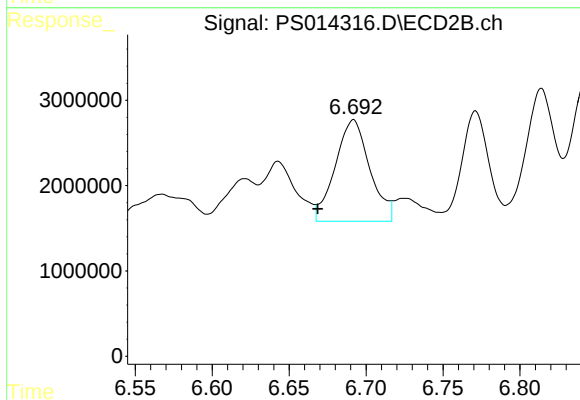
R.T.: 6.451 min
Delta R.T.: 0.008 min
Response: 3788468
Conc: 42.04 ng/ml



#29 AR-1254-4

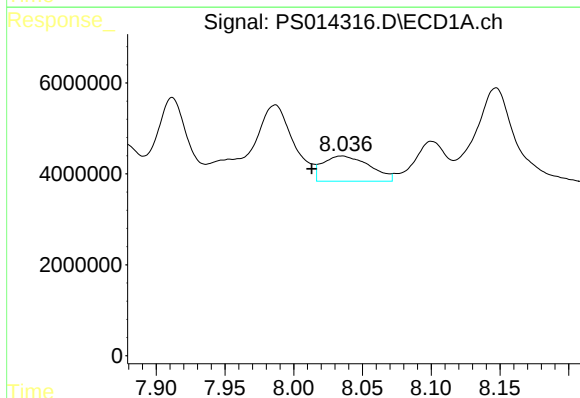
R.T.: 7.601 min
Delta R.T.: 0.007 min
Response: 296206456
Conc: 1199.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



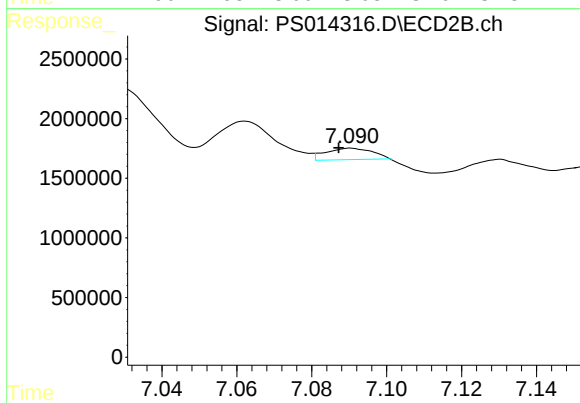
#29 AR-1254-4

R.T.: 6.692 min
Delta R.T.: 0.023 min
Response: 18554050
Conc: 236.08 ng/ml



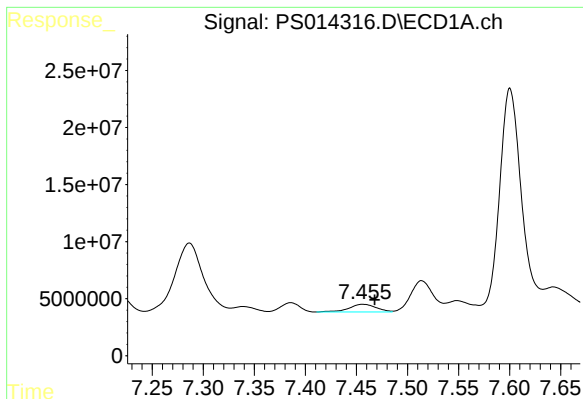
#30 AR-1254-5

R.T.: 8.035 min
Delta R.T.: 0.022 min
Response: 13059638
Conc: 48.95 ng/ml



#30 AR-1254-5

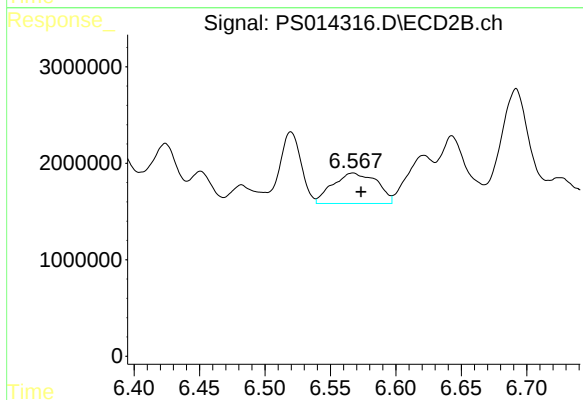
R.T.: 7.091 min
Delta R.T.: 0.003 min
Response: 212009
Conc: 1.95 ng/ml



#31 AR-1260-1

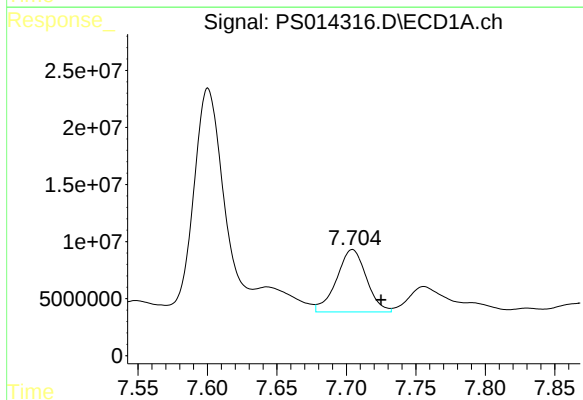
R.T.: 7.456 min
Delta R.T.: -0.011 min
Response: 12553074
Conc: 53.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



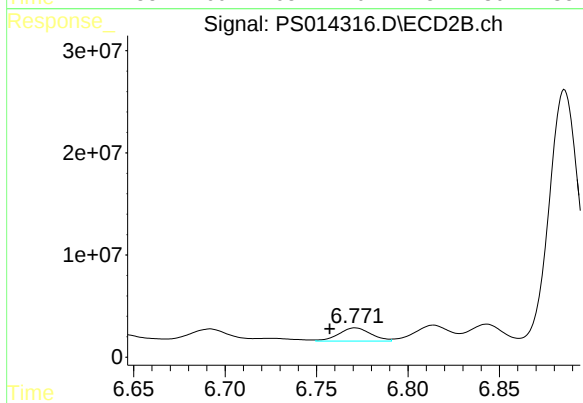
#31 AR-1260-1

R.T.: 6.567 min
Delta R.T.: -0.006 min
Response: 7470200
Conc: 147.89 ng/ml



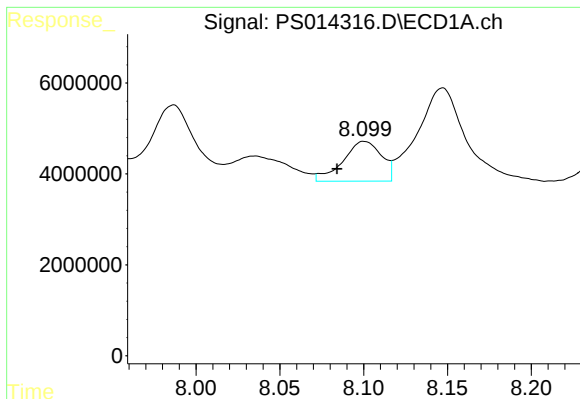
#32 AR-1260-2

R.T.: 7.704 min
Delta R.T.: -0.021 min
Response: 81884033
Conc: 286.07 ng/ml



#32 AR-1260-2

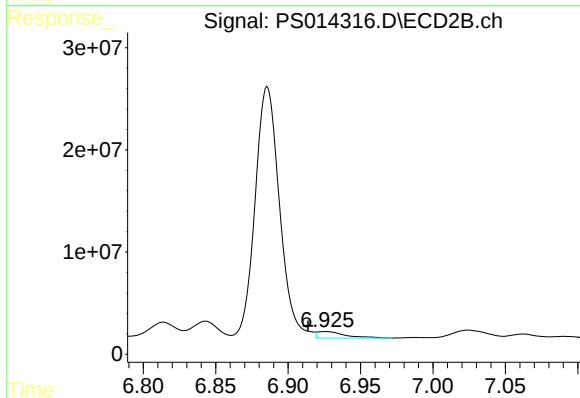
R.T.: 6.771 min
Delta R.T.: 0.014 min
Response: 15718440
Conc: 140.47 ng/ml



#33 AR-1260-3

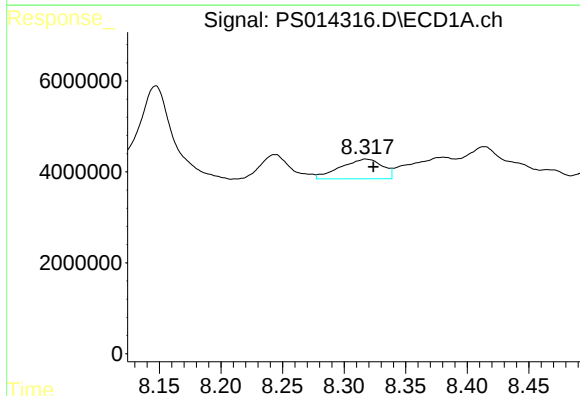
R.T.: 8.100 min
Delta R.T.: 0.016 min
Response: 14044696
Conc: 65.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



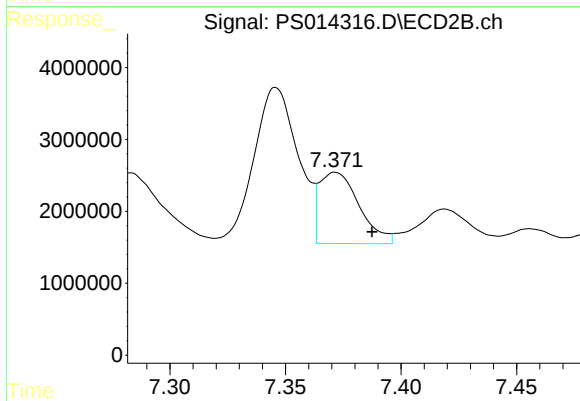
#33 AR-1260-3

R.T.: 6.926 min
Delta R.T.: 0.012 min
Response: 8568501
Conc: 107.45 ng/ml



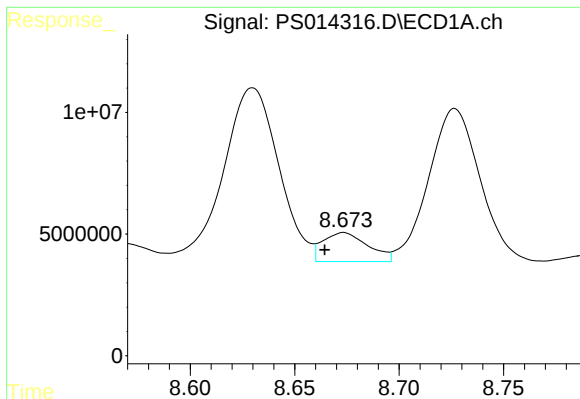
#34 AR-1260-4

R.T.: 8.318 min
Delta R.T.: -0.006 min
Response: 10366764
Conc: 41.16 ng/ml



#34 AR-1260-4

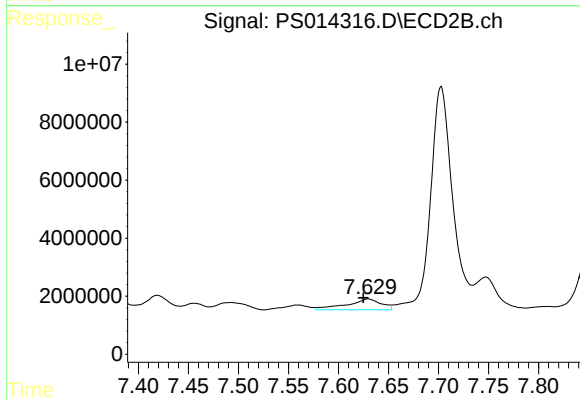
R.T.: 7.372 min
Delta R.T.: -0.016 min
Response: 11909971
Conc: 142.18 ng/ml



#35 AR-1260-5

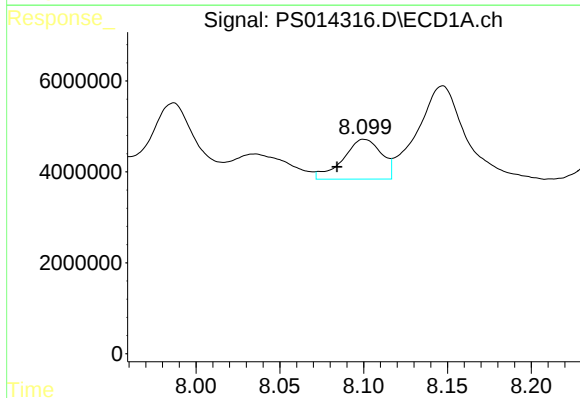
R.T.: 8.673 min
Delta R.T.: 0.009 min
Response: 17887248
Conc: 33.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



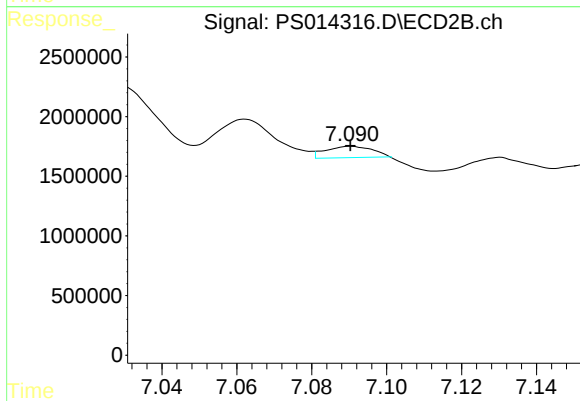
#35 AR-1260-5

R.T.: 7.629 min
Delta R.T.: 0.004 min
Response: 8921918
Conc: 25.05 ng/ml



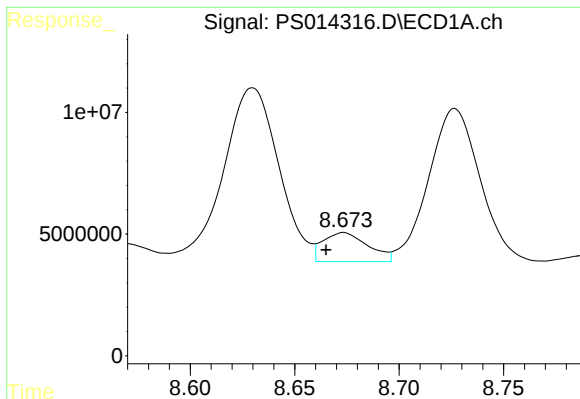
#36 AR-1262-1

R.T.: 8.100 min
Delta R.T.: 0.016 min
Response: 14044696
Conc: 44.11 ng/ml



#36 AR-1262-1

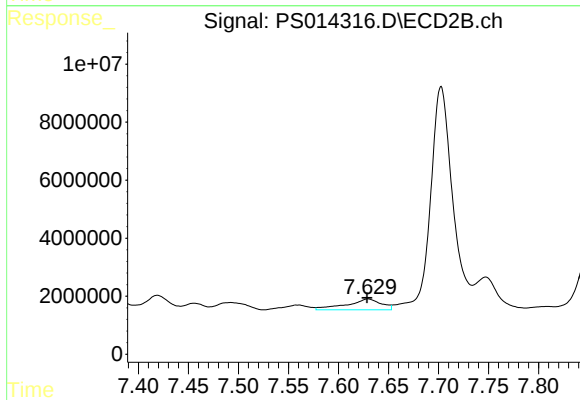
R.T.: 7.091 min
Delta R.T.: 0.000 min
Response: 212009
Conc: 3.69 ng/ml



#37 AR-1262-2

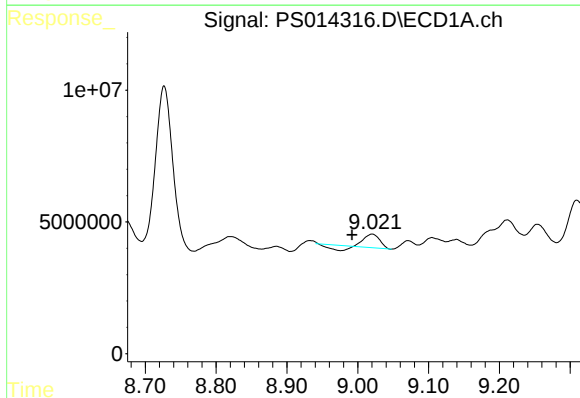
R.T.: 8.673 min
Delta R.T.: 0.008 min
Response: 17887248
Conc: 29.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



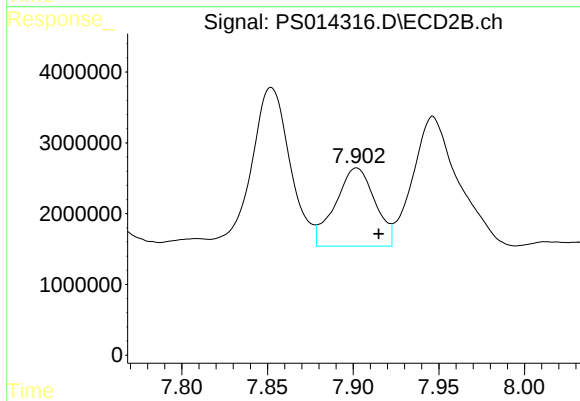
#37 AR-1262-2

R.T.: 7.629 min
Delta R.T.: 0.000 min
Response: 8921918
Conc: 23.84 ng/ml



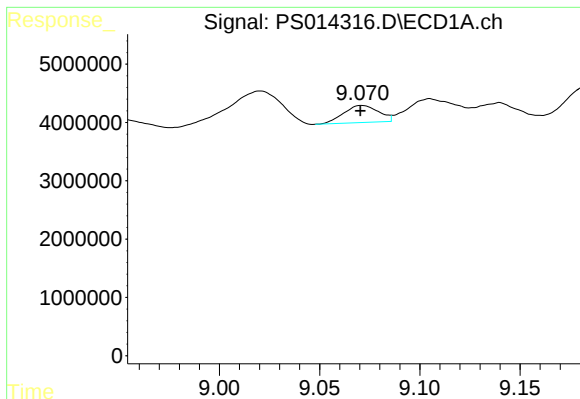
#38 AR-1262-3

R.T.: 9.020 min
Delta R.T.: 0.028 min
Response: 5283189
Conc: 13.63 ng/ml



#38 AR-1262-3

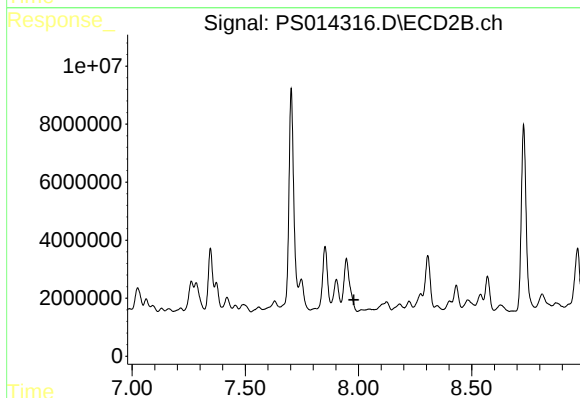
R.T.: 7.902 min
Delta R.T.: -0.013 min
Response: 17852986
Conc: 122.72 ng/ml



#39 AR-1262-4

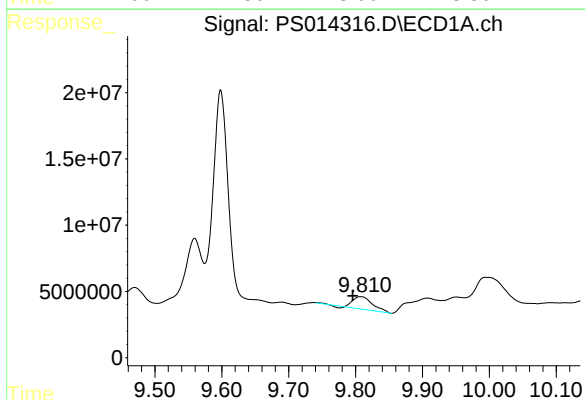
R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 3532116
Conc: 12.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



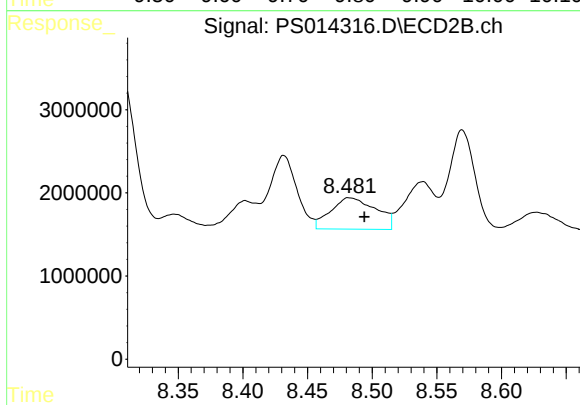
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.979 min
Response: 0
Conc: N.D.



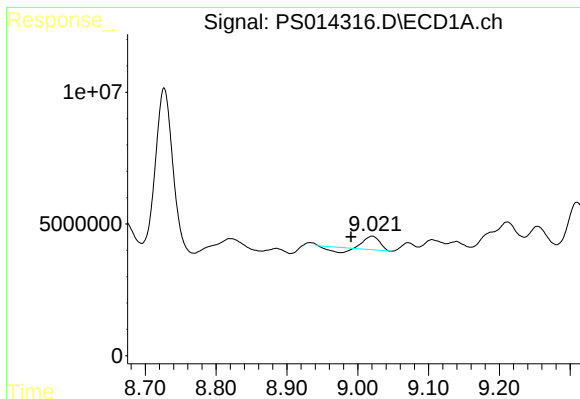
#40 AR-1262-5

R.T.: 9.808 min
Delta R.T.: 0.012 min
Response: 18998324
Conc: 90.82 ng/ml



#40 AR-1262-5

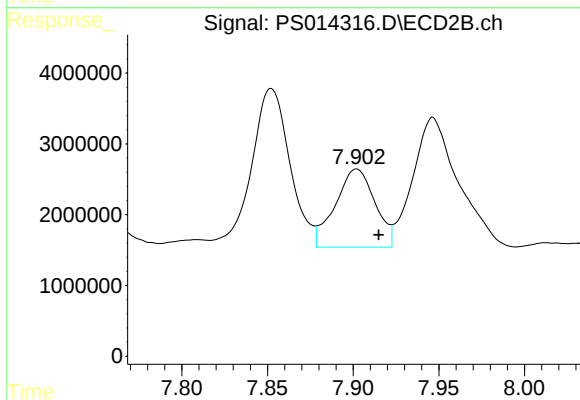
R.T.: 8.482 min
Delta R.T.: -0.012 min
Response: 9195833
Conc: 71.87 ng/ml



#41 AR-1268-1

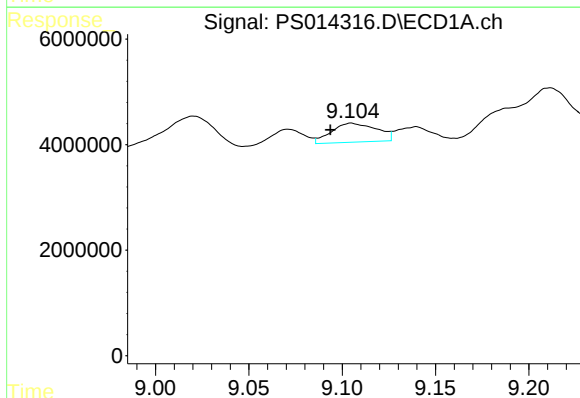
R.T.: 9.020 min
Delta R.T.: 0.030 min
Response: 5283189
Conc: 7.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



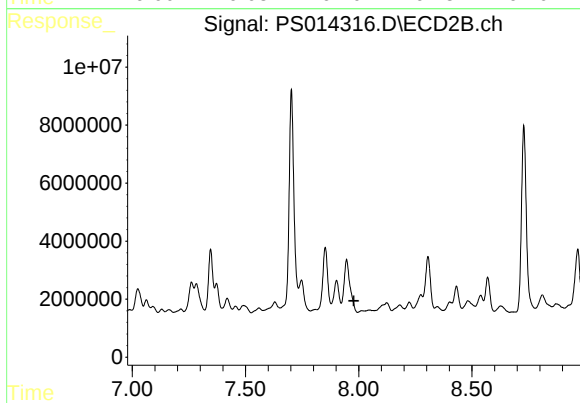
#41 AR-1268-1

R.T.: 7.902 min
Delta R.T.: -0.013 min
Response: 17852986
Conc: 38.69 ng/ml



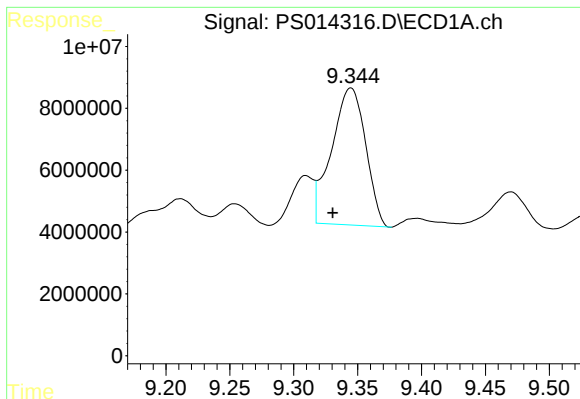
#42 AR-1268-2

R.T.: 9.105 min
Delta R.T.: 0.011 min
Response: 6079863
Conc: 9.81 ng/ml



#42 AR-1268-2

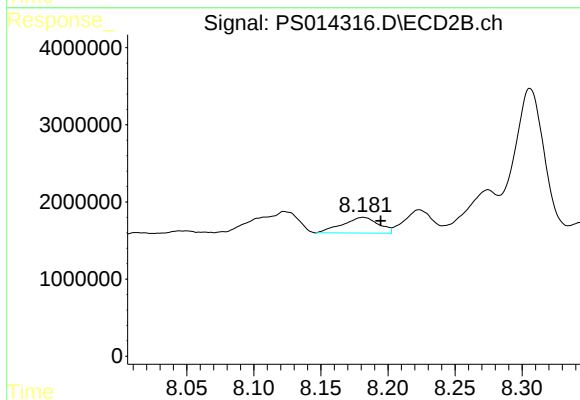
R.T.: 0.000 min
Exp R.T.: 7.979 min
Response: 0
Conc: N.D.



#43 AR-1268-3

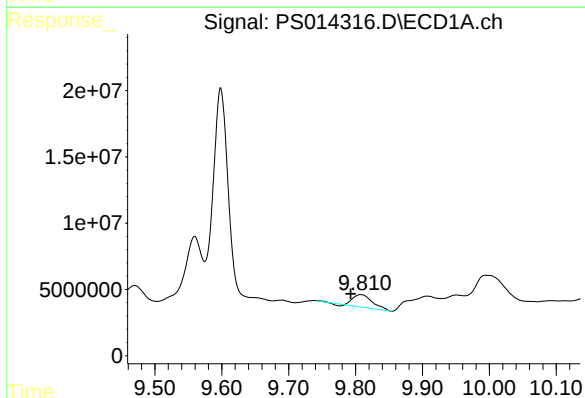
R.T.: 9.345 min
Delta R.T.: 0.014 min
Response: 82123245
Conc: 156.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



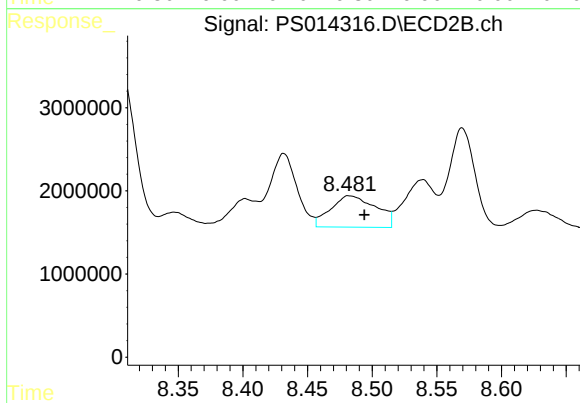
#43 AR-1268-3

R.T.: 8.181 min
Delta R.T.: -0.013 min
Response: 3827400
Conc: 10.58 ng/ml



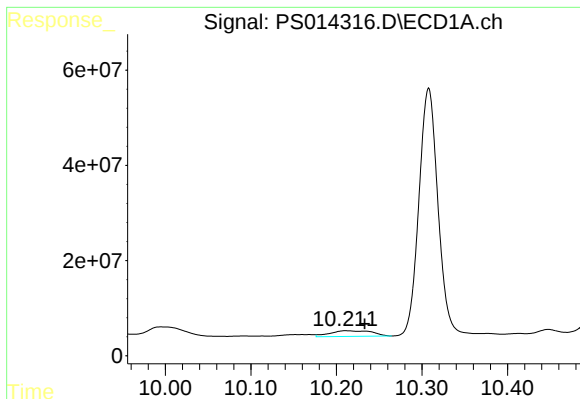
#44 AR-1268-4

R.T.: 9.808 min
Delta R.T.: 0.015 min
Response: 18998324
Conc: 84.42 ng/ml



#44 AR-1268-4

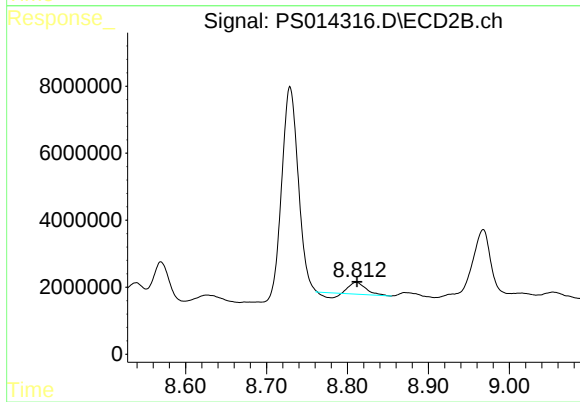
R.T.: 8.482 min
Delta R.T.: -0.012 min
Response: 9195833
Conc: 65.15 ng/ml



#45 AR-1268-5

R.T.: 10.212 min
Delta R.T.: -0.021 min
Response: 40895206
Conc: 21.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.811 min
Delta R.T.: -0.001 min
Response: 3741868
Conc: 3.04 ng/ml