

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR052622\
 Data File : PR054405.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 May 2022 14:49
 Operator : AJ\MA
 Sample : N2921-04DL 20X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 27 01:34:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR052522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 25 15:27:54 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.648	2.921	4358483	2221612	1.182	1.176
2)	SA Decachlor...	9.531	8.159	1753692	1643019	1.148	1.141
Target Compounds							
3)	L1 AR-1016-1	4.870	4.036	417708	104140	3.331	1.680 #
4)	L1 AR-1016-2	4.893	4.036f	337699	104140	1.963	1.209 #
5)	L1 AR-1016-3	4.956	0.000	46722	0	0.444	N.D. #
6)	L1 AR-1016-4	0.000	4.281	0	1912055	N.D.	52.337 #
7)	L1 AR-1016-5	5.372	4.498	932496	598646	11.228	12.927
8)	L2 AR-1221-1	3.857	0.000	538764	0	12.892	N.D. #
9)	L2 AR-1221-2	3.955	0.000	13213	0	0.425	N.D. #
12)	L3 AR-1232-2	0.000	4.036f	0	104140	N.D.	2.618 #
13)	L3 AR-1232-3	4.893	0.000	337699	0	4.246	N.D. #
14)	L3 AR-1232-4	0.000	4.321	0	650622	N.D.	35.569 #
15)	L3 AR-1232-5	5.161	4.498	3772731	598646	127.796	27.574 #
16)	L4 AR-1242-1	4.870	4.036	417708	104140	4.475	2.221 #
17)	L4 AR-1242-2	4.893	4.036f	337699	104140	2.593	1.589 #
18)	L4 AR-1242-3	4.956	0.000	46722	0	0.582	N.D. #
19)	L4 AR-1242-4	0.000	4.321	0	650622	N.D.	19.672 #
20)	L4 AR-1242-5	5.844	4.865	3214746	10642024	50.352	251.370 #
21)	L5 AR-1248-1	4.870	4.036	417708	104140	5.874	2.983 #
22)	L5 AR-1248-2	5.161	4.281	3772731	1912055	40.939	40.176
23)	L5 AR-1248-3	5.372	4.321	932496	650622	8.845	13.264 #
24)	L5 AR-1248-4	5.803	4.498	3090930	598646	28.059	10.209 #
25)	L5 AR-1248-5	5.844	4.907	3214746	1748947	29.638	29.471
26)	L6 AR-1254-1	5.774	4.865	15268055	10642024	129.040	114.833
27)	L6 AR-1254-2	6.012	5.023	21276888	13532297	122.129	167.687 #
28)	L6 AR-1254-3	6.402	5.444	13610538	8798872	80.211	67.685
29)	L6 AR-1254-4	6.712	5.688	9907687	5615088	83.704	68.842
30)	L6 AR-1254-5	7.166	6.131	69454878	66929702	579.270	588.263
31)	L7 AR-1260-1	6.582	5.583	46220911	40163999	402.251	490.984
32)	L7 AR-1260-2	6.864	5.787	49750345	48770646	382.523	494.331 #
33)	L7 AR-1260-3	7.254	5.945	43288056	45139833	464.306	494.378
34)	L7 AR-1260-4	7.495	6.449	45916715	39890036	436.353	519.707
35)	L7 AR-1260-5	7.833	6.713	79153843	99055289	420.591	555.542 #
36)	L8 AR-1262-1	7.254	6.176	43288056	46937920	321.288	410.329 #
37)	L8 AR-1262-2	7.833	6.449	79153843	39890036	374.392	387.729
38)	L8 AR-1262-3	8.145	7.017	56366655	19754464	394.379	247.760 #
39)	L8 AR-1262-4	8.223	7.082	12471480	73589889	176.039	493.523 #
40)	L8 AR-1262-5	8.842	7.621	23962194	24021637	322.111	350.802
41)	L9 AR-1268-1	8.145	7.017	56366655	19754464	233.005	83.837 #
42)	L9 AR-1268-2	8.223	7.082	12471480	73589889	56.905	344.310 #
43)	L9 AR-1268-3	8.440	7.309	1197218	584753	6.605	3.246 #

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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	8.842	7.621	23962194	24021637	295.973	312.429
45) L9	AR-1268-5	9.225	7.916	5069125	5103351	9.346	9.007

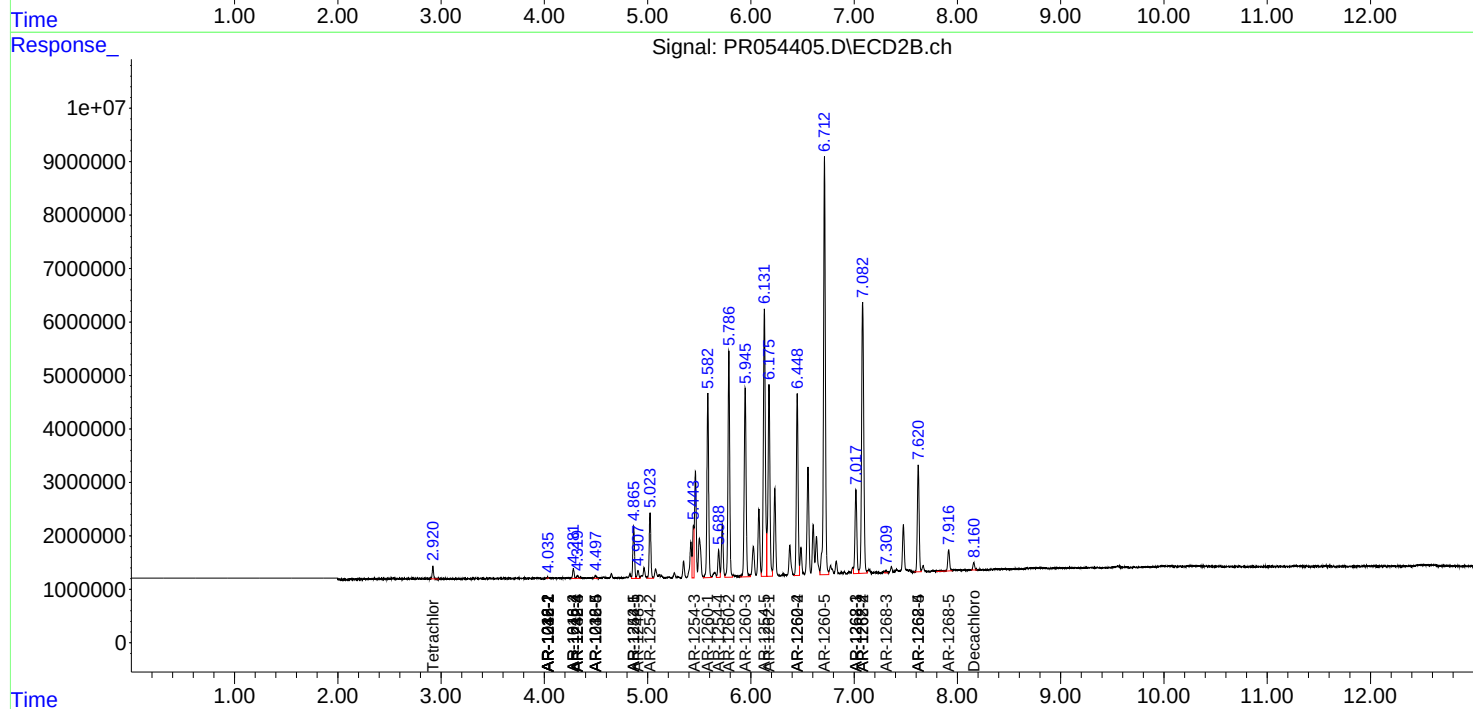
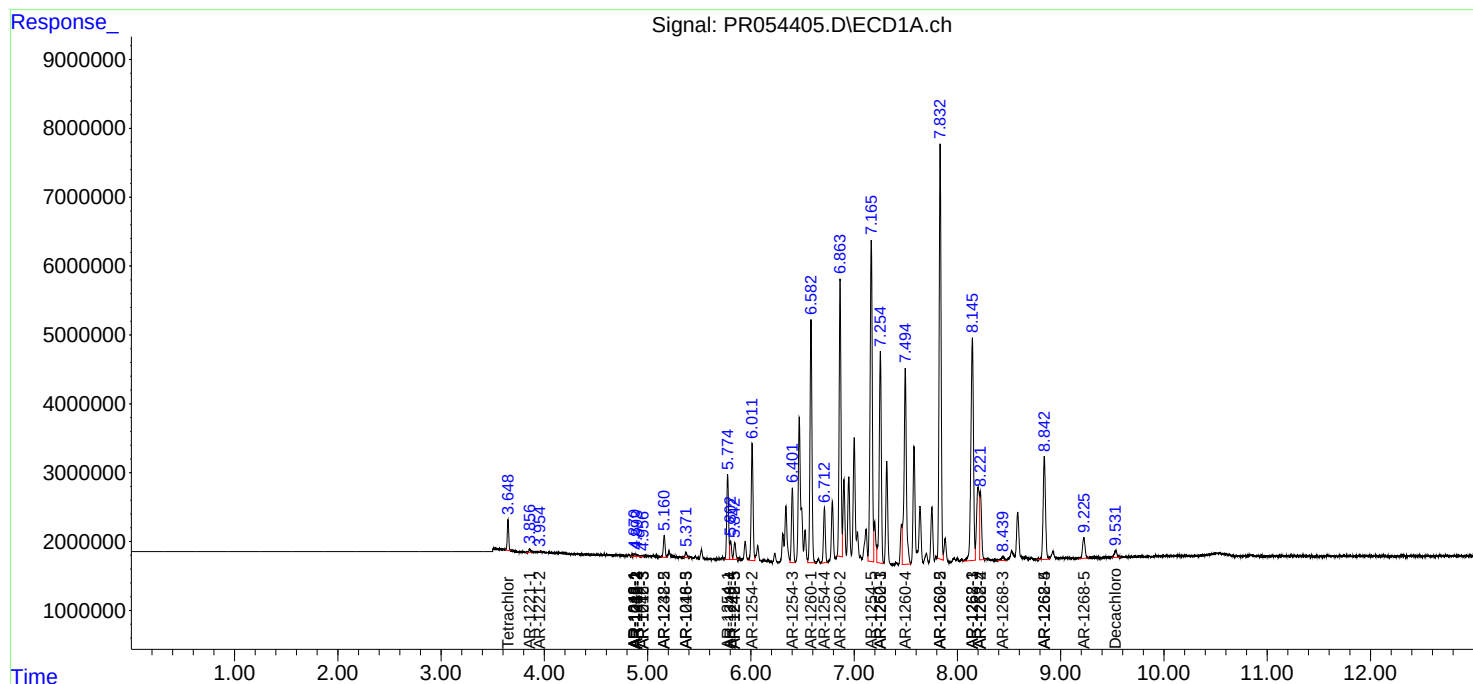
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

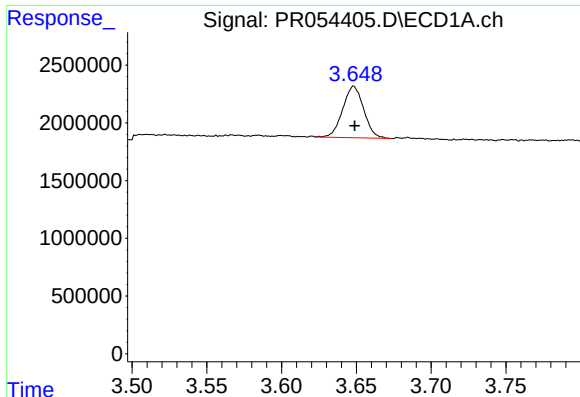
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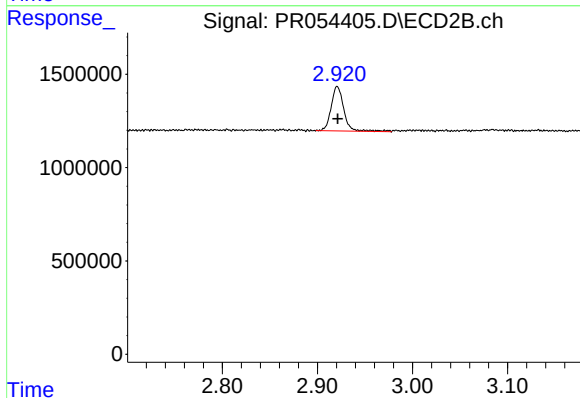




#1 Tetrachloro-m-xylene

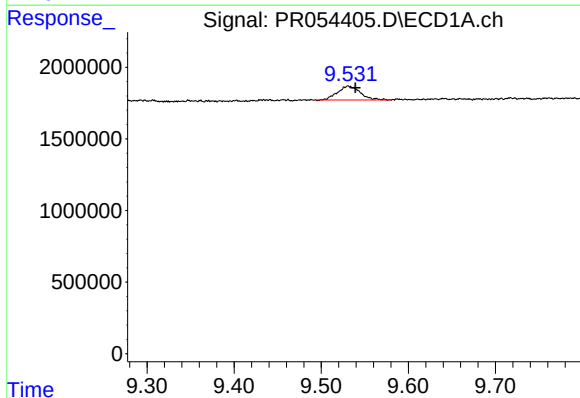
R.T.: 3.648 min
Delta R.T.: 0.000 min
Response: 4358483
Conc: 1.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



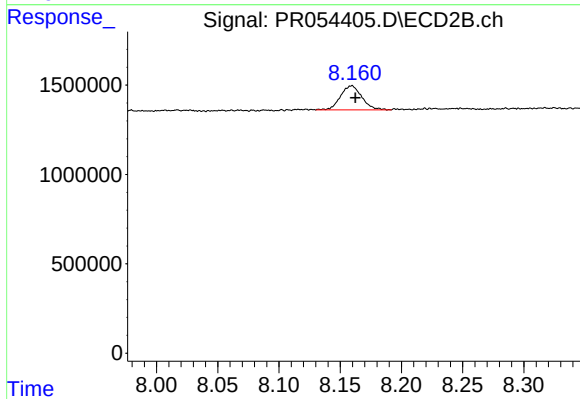
#1 Tetrachloro-m-xylene

R.T.: 2.921 min
Delta R.T.: 0.000 min
Response: 2221612
Conc: 1.18 ng/ml



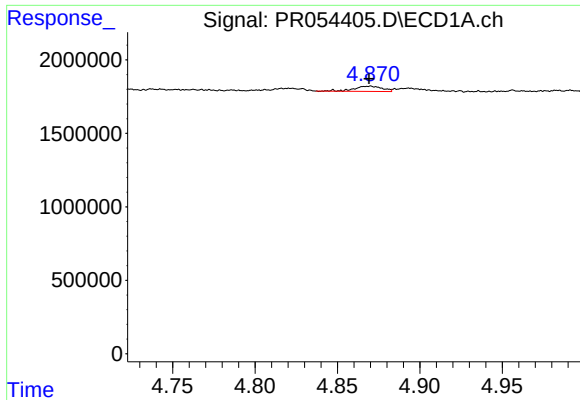
#2 Decachlorobiphenyl

R.T.: 9.531 min
Delta R.T.: -0.008 min
Response: 1753692
Conc: 1.15 ng/ml



#2 Decachlorobiphenyl

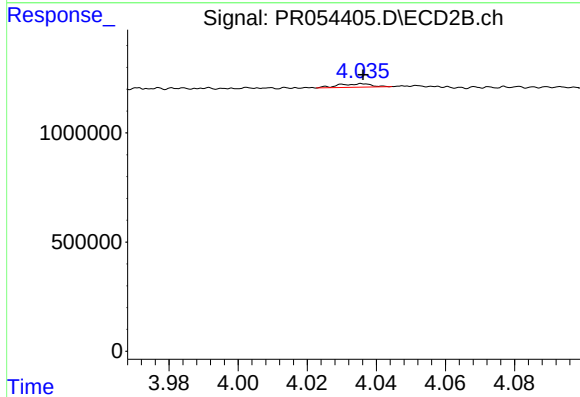
R.T.: 8.159 min
Delta R.T.: -0.003 min
Response: 1643019
Conc: 1.14 ng/ml



#3 AR-1016-1

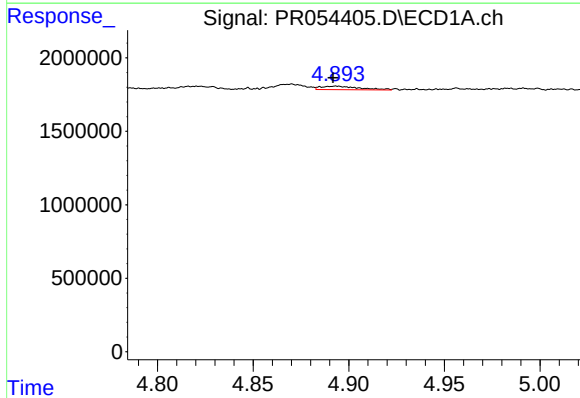
R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 417708
Conc: 3.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



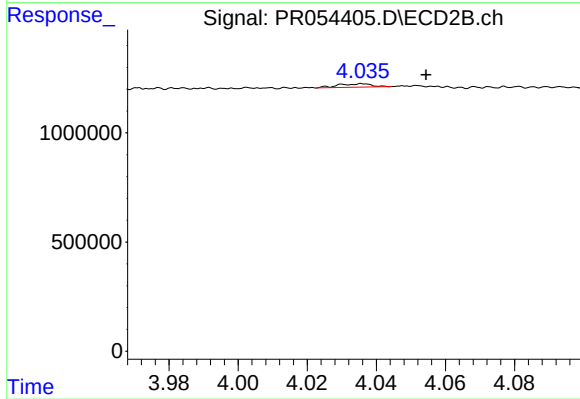
#3 AR-1016-1

R.T.: 4.036 min
Delta R.T.: 0.000 min
Response: 104140
Conc: 1.68 ng/ml



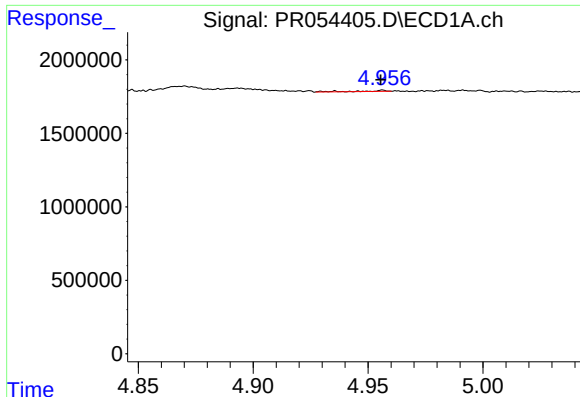
#4 AR-1016-2

R.T.: 4.893 min
Delta R.T.: 0.001 min
Response: 337699
Conc: 1.96 ng/ml



#4 AR-1016-2

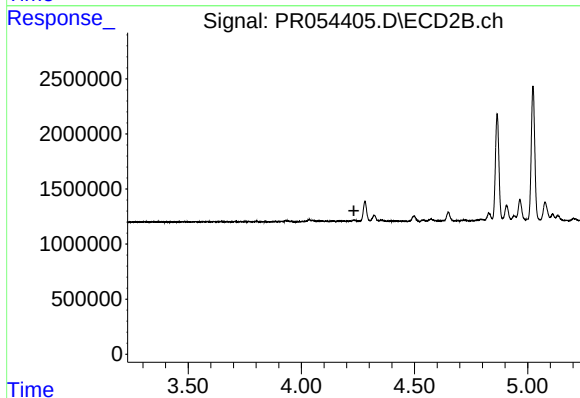
R.T.: 4.036 min
Delta R.T.: -0.018 min
Response: 104140
Conc: 1.21 ng/ml



#5 AR-1016-3

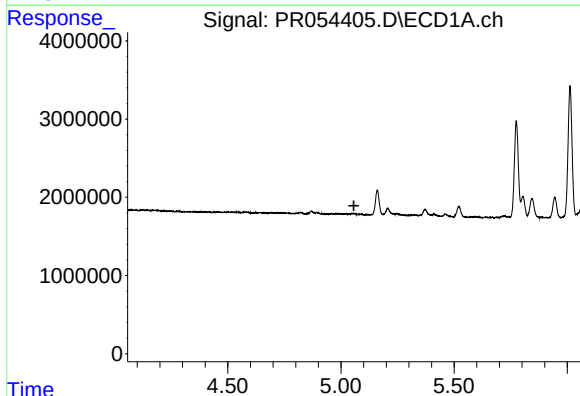
R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 46722
Conc: 0.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



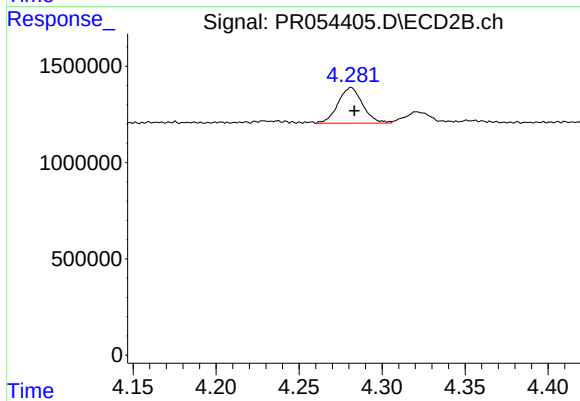
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.232 min
Response: 0
Conc: N.D.



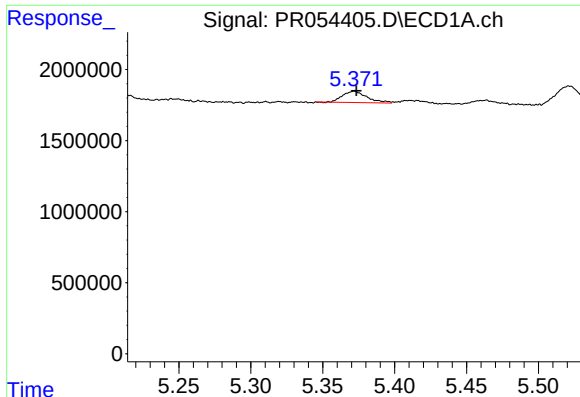
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.057 min
Response: 0
Conc: N.D.



#6 AR-1016-4

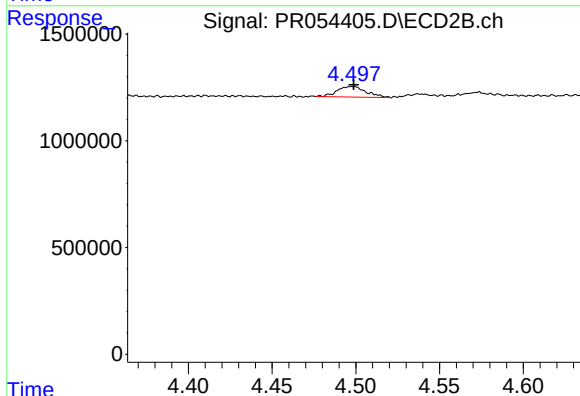
R.T.: 4.281 min
Delta R.T.: -0.002 min
Response: 1912055
Conc: 52.34 ng/ml



#7 AR-1016-5

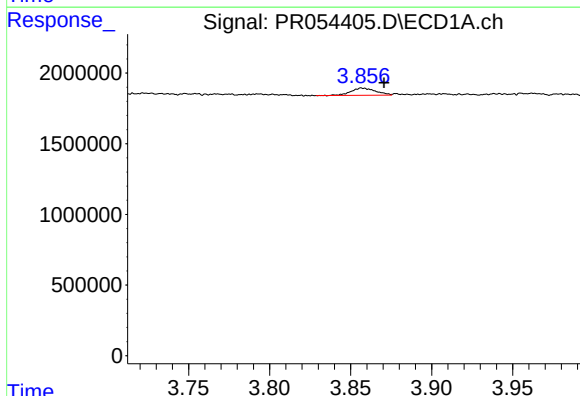
R.T.: 5.372 min
Delta R.T.: -0.002 min
Response: 932496
Conc: 11.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



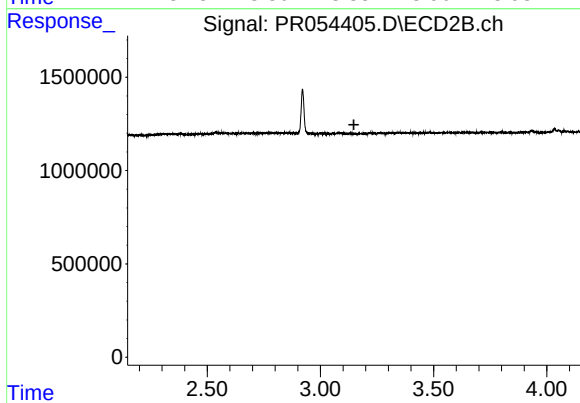
#7 AR-1016-5

R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 598646
Conc: 12.93 ng/ml



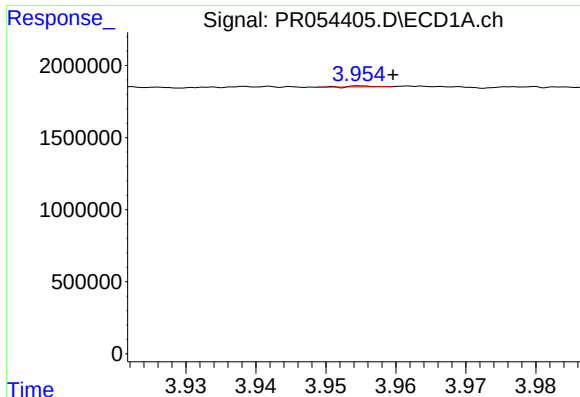
#8 AR-1221-1

R.T.: 3.857 min
Delta R.T.: -0.014 min
Response: 538764
Conc: 12.89 ng/ml



#8 AR-1221-1

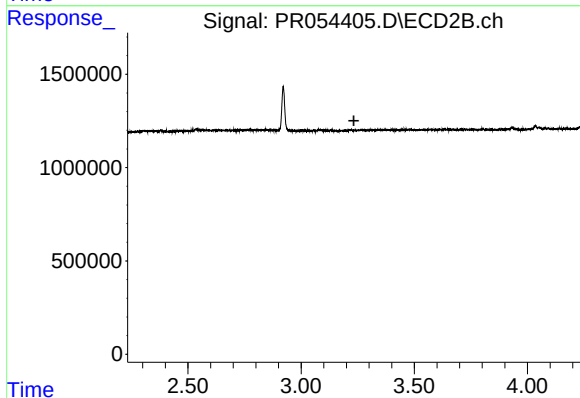
R.T.: 0.000 min
Exp R.T. : 3.148 min
Response: 0
Conc: N.D.



#9 AR-1221-2

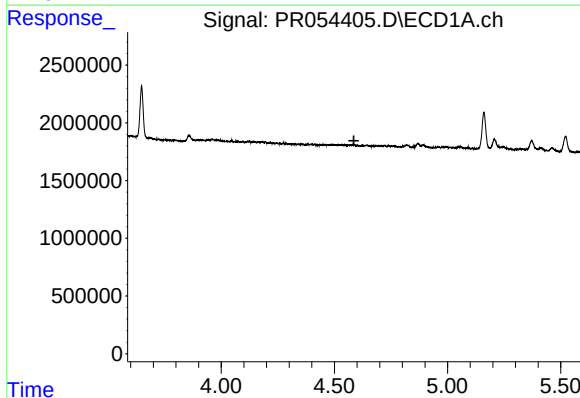
R.T.: 3.955 min
Delta R.T.: -0.004 min
Response: 13213
Conc: 0.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



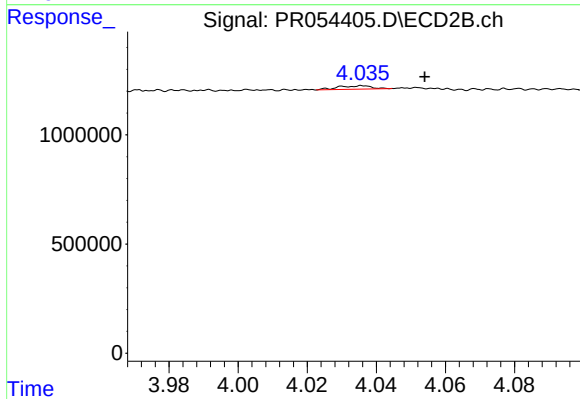
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.233 min
Response: 0
Conc: N.D.



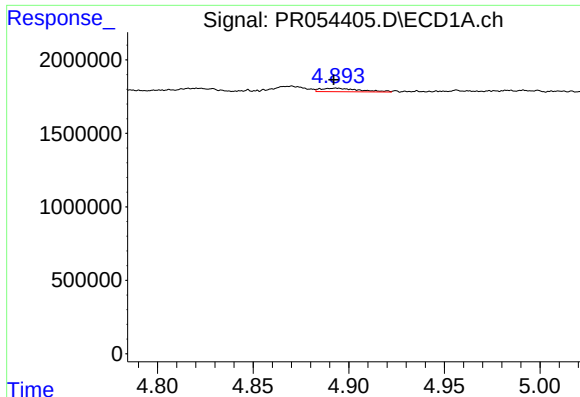
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.586 min
Response: 0
Conc: N.D.



#12 AR-1232-2

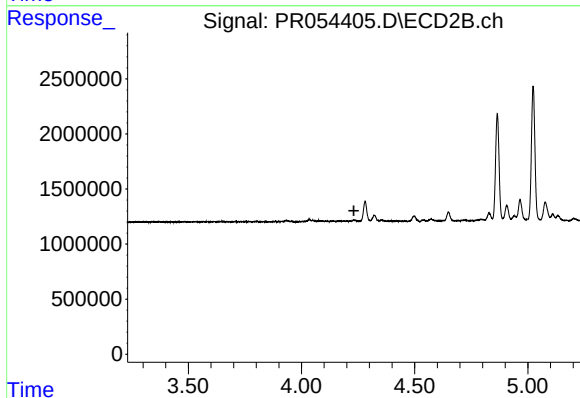
R.T.: 4.036 min
Delta R.T.: -0.018 min
Response: 104140
Conc: 2.62 ng/ml



#13 AR-1232-3

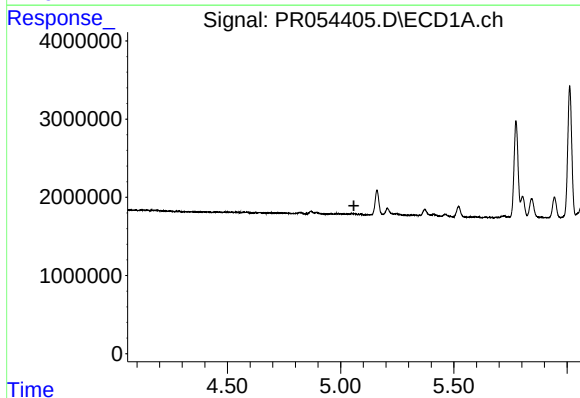
R.T.: 4.893 min
Delta R.T.: 0.001 min
Response: 337699
Conc: 4.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



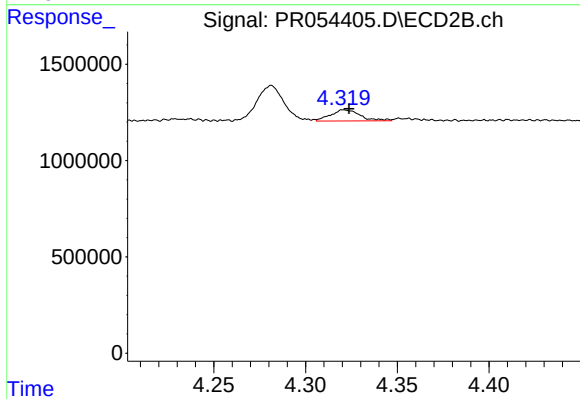
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.232 min
Response: 0
Conc: N.D.



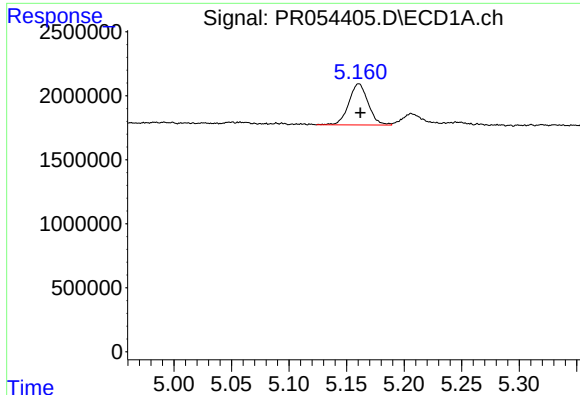
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.058 min
Response: 0
Conc: N.D.



#14 AR-1232-4

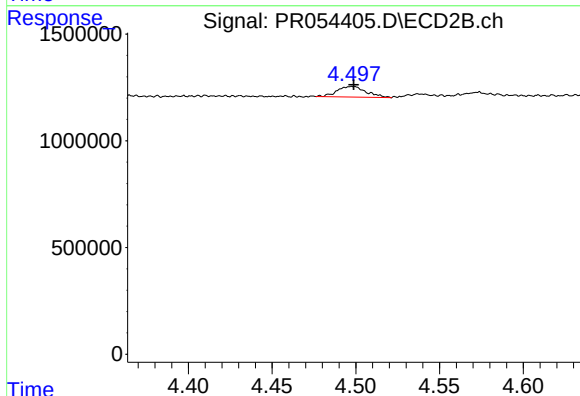
R.T.: 4.321 min
Delta R.T.: -0.003 min
Response: 650622
Conc: 35.57 ng/ml



#15 AR-1232-5

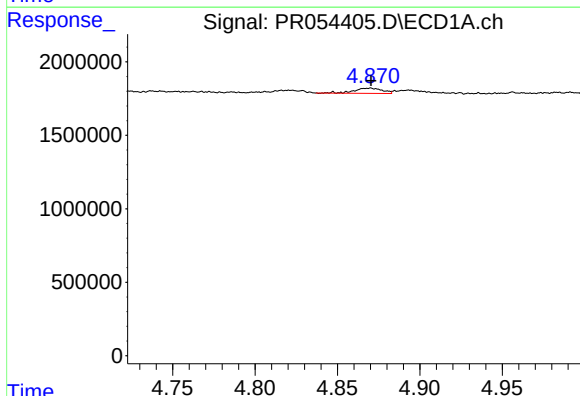
R.T.: 5.161 min
Delta R.T.: -0.001 min
Response: 3772731
Conc: 127.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



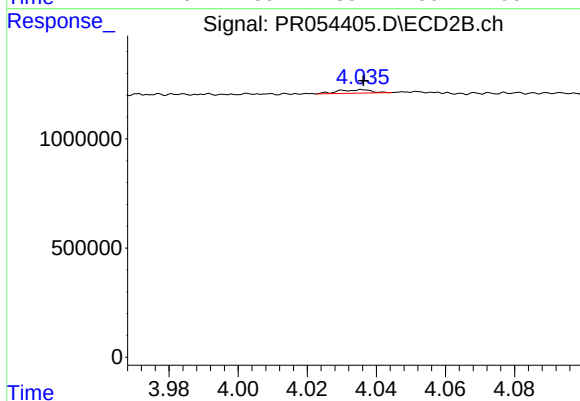
#15 AR-1232-5

R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 598646
Conc: 27.57 ng/ml



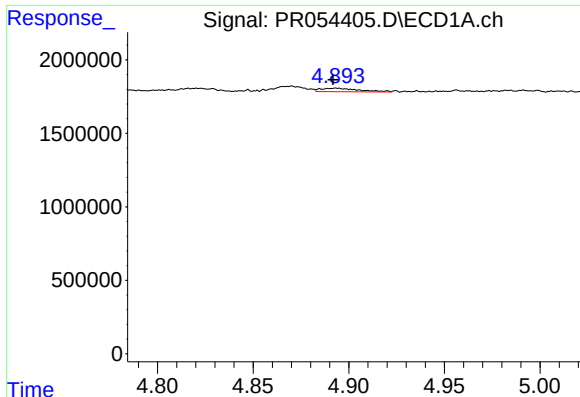
#16 AR-1242-1

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 417708
Conc: 4.48 ng/ml



#16 AR-1242-1

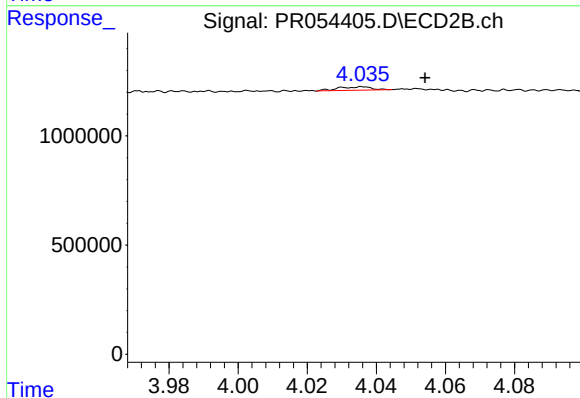
R.T.: 4.036 min
Delta R.T.: 0.000 min
Response: 104140
Conc: 2.22 ng/ml



#17 AR-1242-2

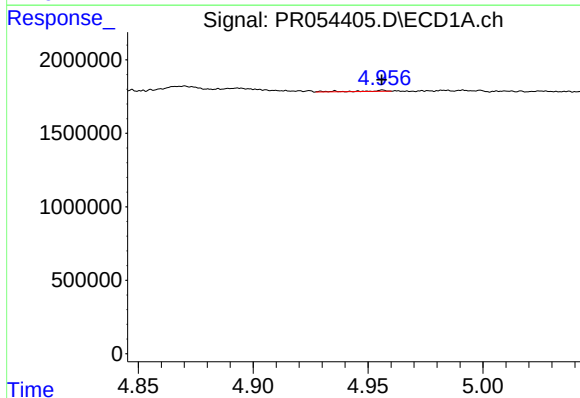
R.T.: 4.893 min
Delta R.T.: 0.001 min
Response: 337699
Conc: 2.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



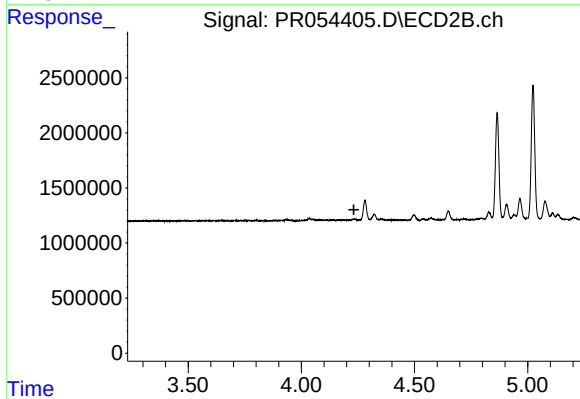
#17 AR-1242-2

R.T.: 4.036 min
Delta R.T.: -0.018 min
Response: 104140
Conc: 1.59 ng/ml



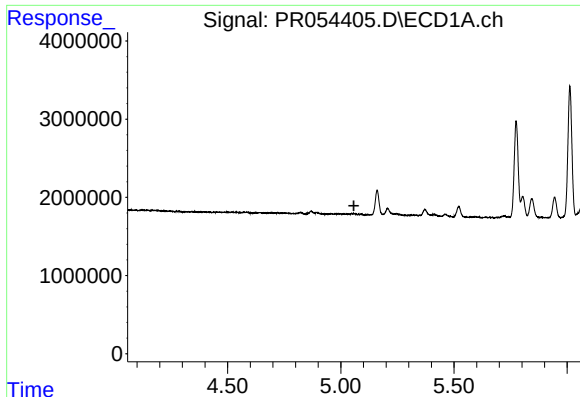
#18 AR-1242-3

R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 46722
Conc: 0.58 ng/ml



#18 AR-1242-3

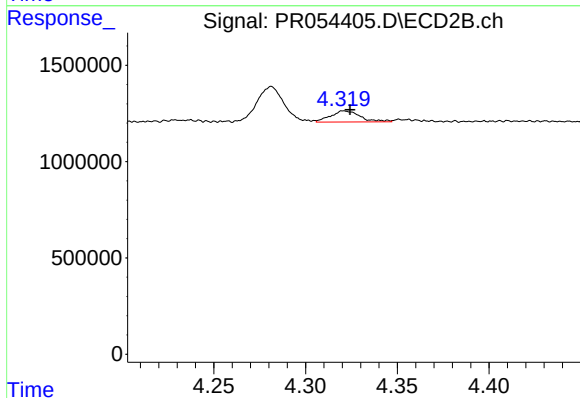
R.T.: 0.000 min
Exp R.T. : 4.232 min
Response: 0
Conc: N.D.



#19 AR-1242-4

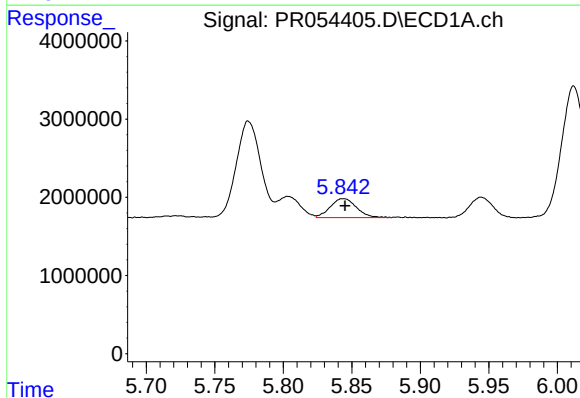
R.T.: 0.000 min
Exp R.T.: 5.058 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



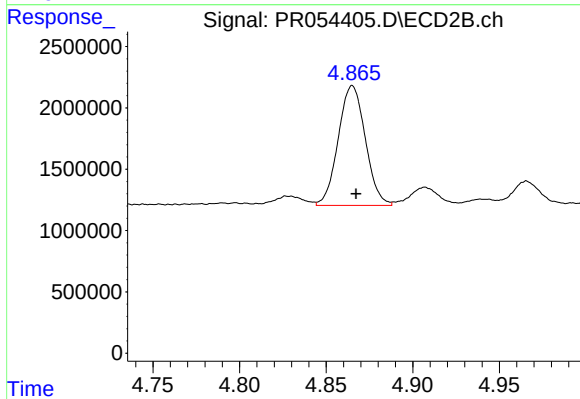
#19 AR-1242-4

R.T.: 4.321 min
Delta R.T.: -0.004 min
Response: 650622
Conc: 19.67 ng/ml



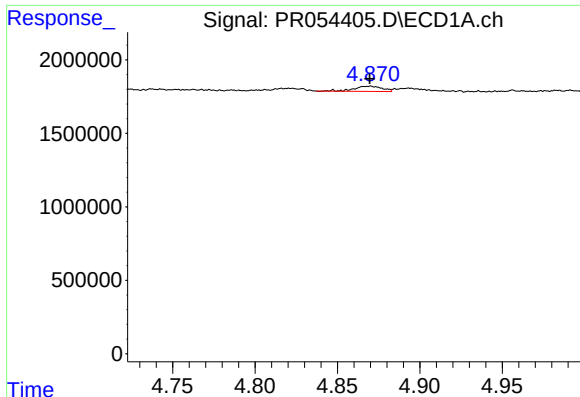
#20 AR-1242-5

R.T.: 5.844 min
Delta R.T.: 0.000 min
Response: 3214746
Conc: 50.35 ng/ml



#20 AR-1242-5

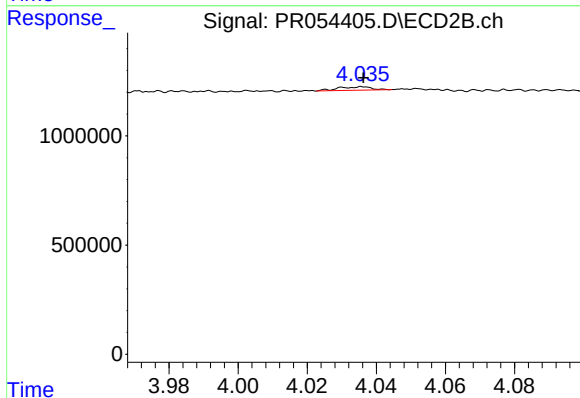
R.T.: 4.865 min
Delta R.T.: -0.002 min
Response: 10642024
Conc: 251.37 ng/ml



#21 AR-1248-1

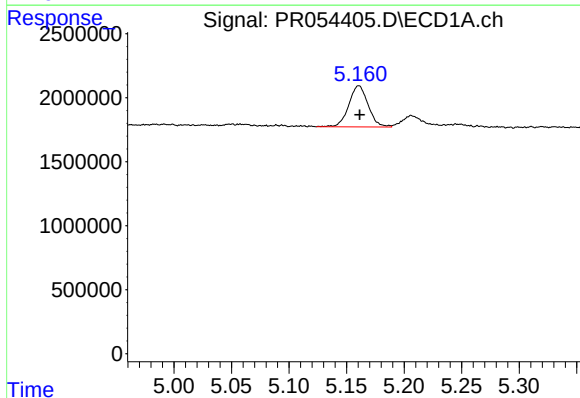
R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 417708
Conc: 5.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



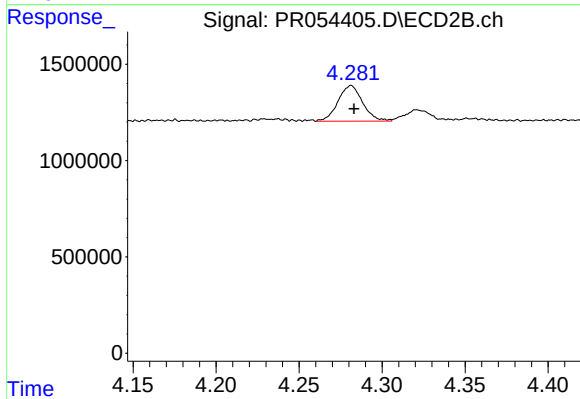
#21 AR-1248-1

R.T.: 4.036 min
Delta R.T.: 0.000 min
Response: 104140
Conc: 2.98 ng/ml



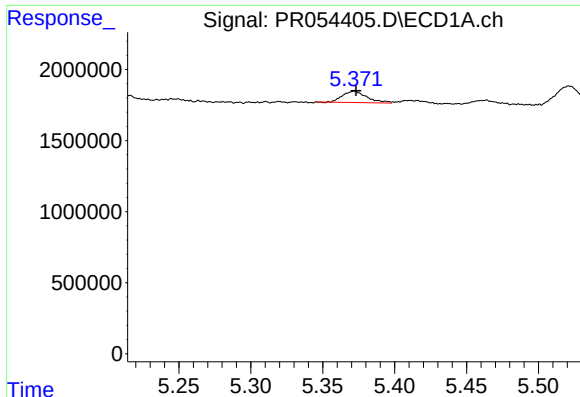
#22 AR-1248-2

R.T.: 5.161 min
Delta R.T.: 0.000 min
Response: 3772731
Conc: 40.94 ng/ml



#22 AR-1248-2

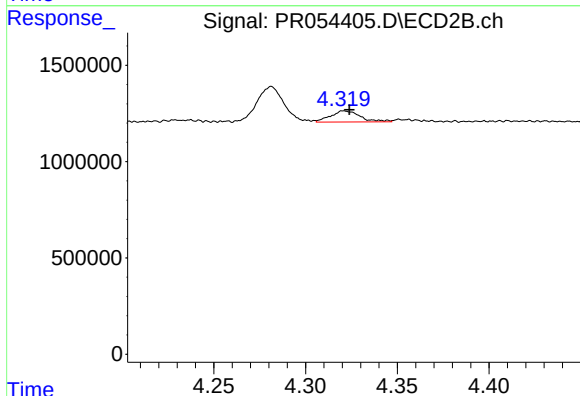
R.T.: 4.281 min
Delta R.T.: -0.002 min
Response: 1912055
Conc: 40.18 ng/ml



#23 AR-1248-3

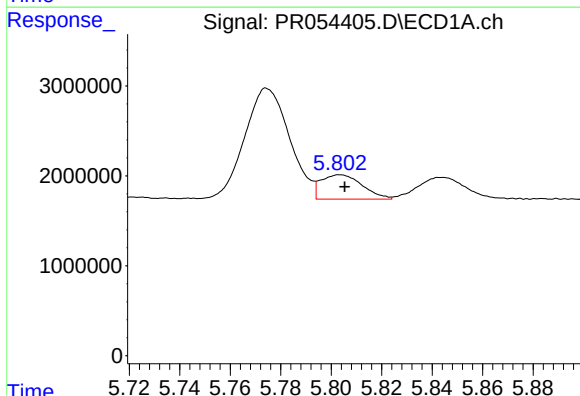
R.T.: 5.372 min
Delta R.T.: -0.001 min
Response: 932496
Conc: 8.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



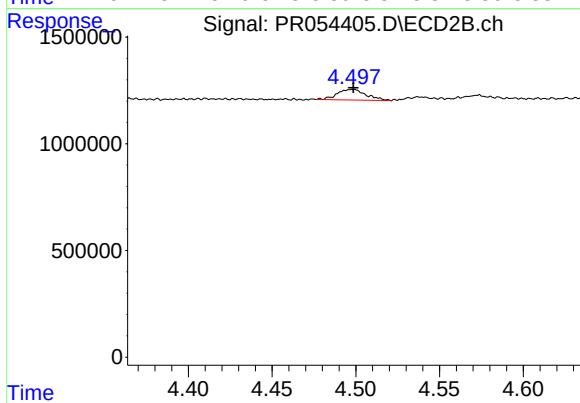
#23 AR-1248-3

R.T.: 4.321 min
Delta R.T.: -0.003 min
Response: 650622
Conc: 13.26 ng/ml



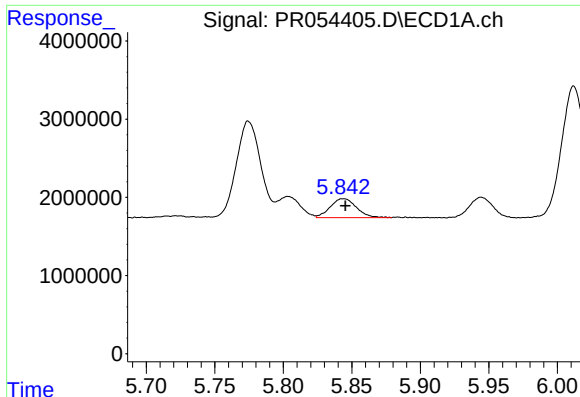
#24 AR-1248-4

R.T.: 5.803 min
Delta R.T.: -0.002 min
Response: 3090930
Conc: 28.06 ng/ml



#24 AR-1248-4

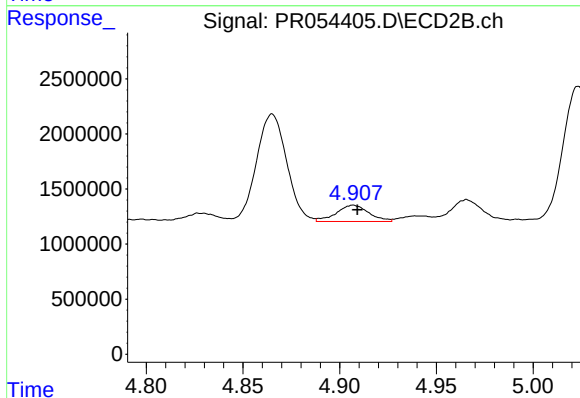
R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 598646
Conc: 10.21 ng/ml



#25 AR-1248-5

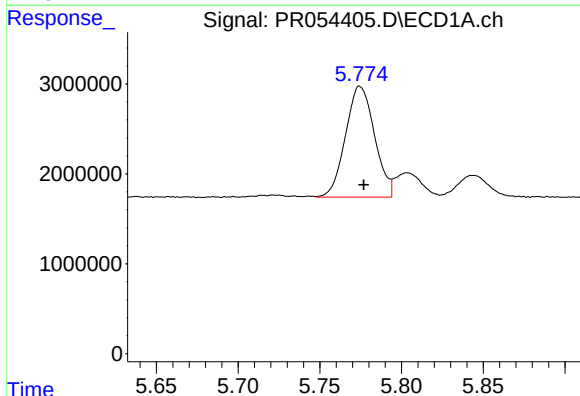
R.T.: 5.844 min
Delta R.T.: -0.001 min
Response: 3214746
Conc: 29.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



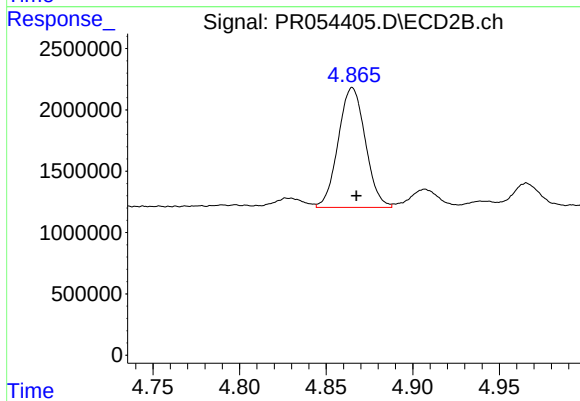
#25 AR-1248-5

R.T.: 4.907 min
Delta R.T.: -0.002 min
Response: 1748947
Conc: 29.47 ng/ml



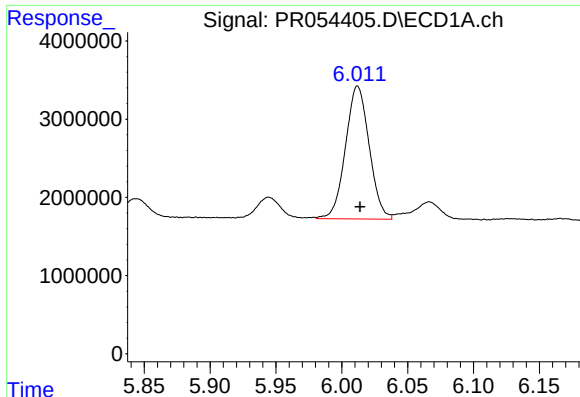
#26 AR-1254-1

R.T.: 5.774 min
Delta R.T.: -0.002 min
Response: 15268055
Conc: 129.04 ng/ml



#26 AR-1254-1

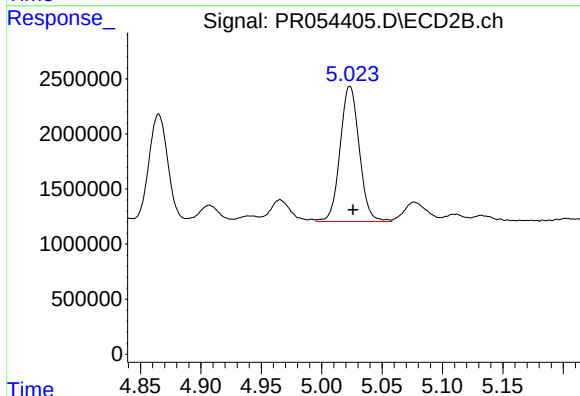
R.T.: 4.865 min
Delta R.T.: -0.002 min
Response: 10642024
Conc: 114.83 ng/ml



#27 AR-1254-2

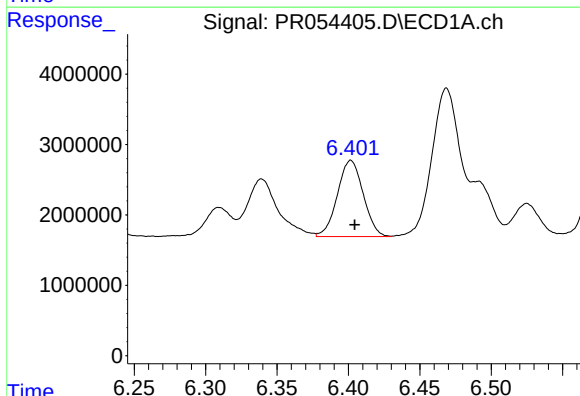
R.T.: 6.012 min
Delta R.T.: -0.002 min
Response: 21276888
Conc: 122.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



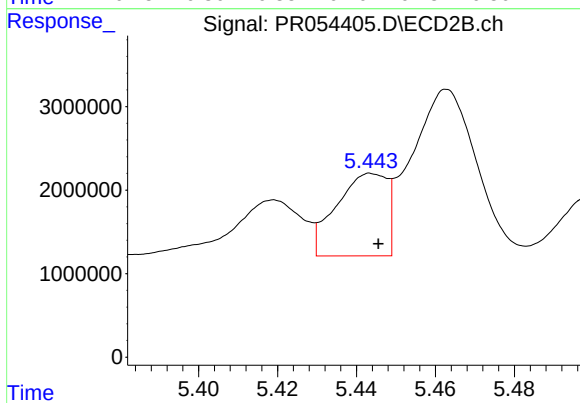
#27 AR-1254-2

R.T.: 5.023 min
Delta R.T.: -0.002 min
Response: 13532297
Conc: 167.69 ng/ml



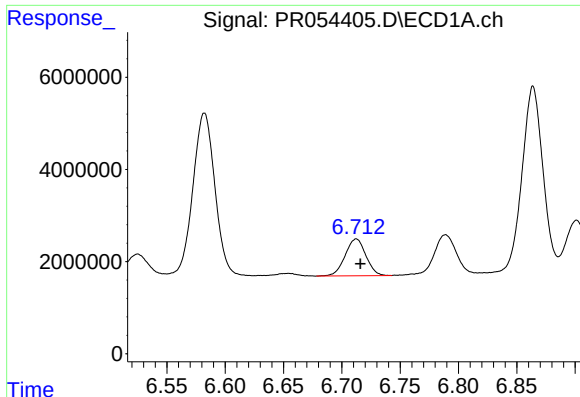
#28 AR-1254-3

R.T.: 6.402 min
Delta R.T.: -0.003 min
Response: 13610538
Conc: 80.21 ng/ml



#28 AR-1254-3

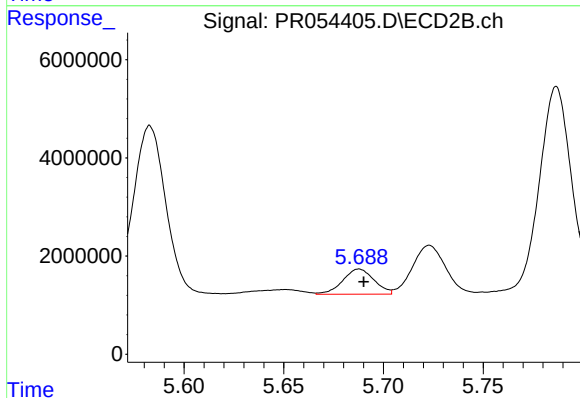
R.T.: 5.444 min
Delta R.T.: -0.002 min
Response: 8798872
Conc: 67.68 ng/ml



#29 AR-1254-4

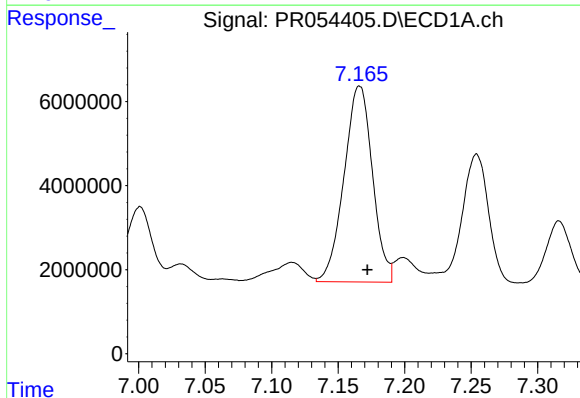
R.T.: 6.712 min
Delta R.T.: -0.004 min
Response: 9907687
Conc: 83.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



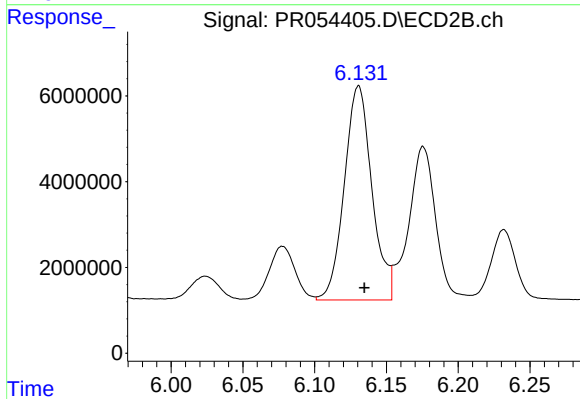
#29 AR-1254-4

R.T.: 5.688 min
Delta R.T.: -0.002 min
Response: 5615088
Conc: 68.84 ng/ml



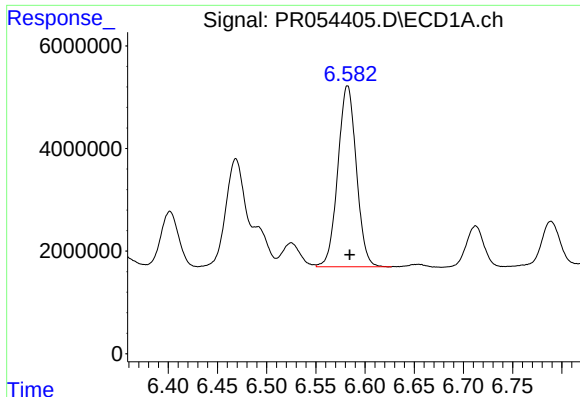
#30 AR-1254-5

R.T.: 7.166 min
Delta R.T.: -0.006 min
Response: 69454878
Conc: 579.27 ng/ml



#30 AR-1254-5

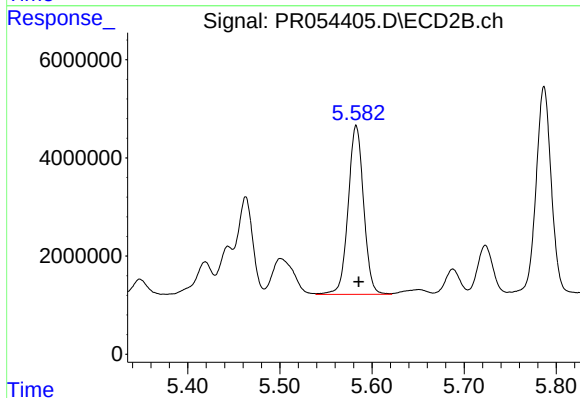
R.T.: 6.131 min
Delta R.T.: -0.004 min
Response: 66929702
Conc: 588.26 ng/ml



#31 AR-1260-1

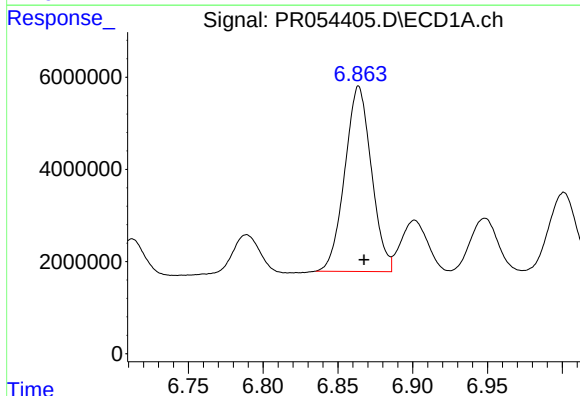
R.T.: 6.582 min
Delta R.T.: -0.002 min
Response: 46220911
Conc: 402.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



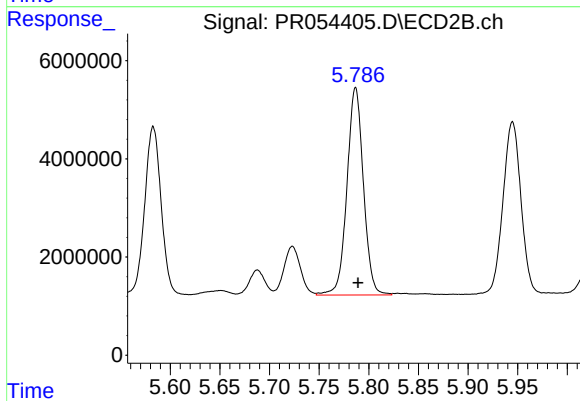
#31 AR-1260-1

R.T.: 5.583 min
Delta R.T.: -0.003 min
Response: 40163999
Conc: 490.98 ng/ml



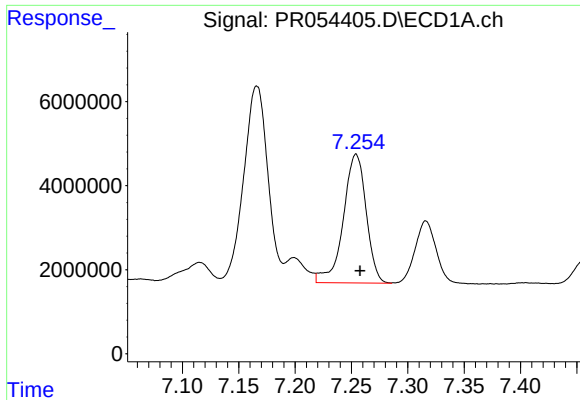
#32 AR-1260-2

R.T.: 6.864 min
Delta R.T.: -0.004 min
Response: 49750345
Conc: 382.52 ng/ml



#32 AR-1260-2

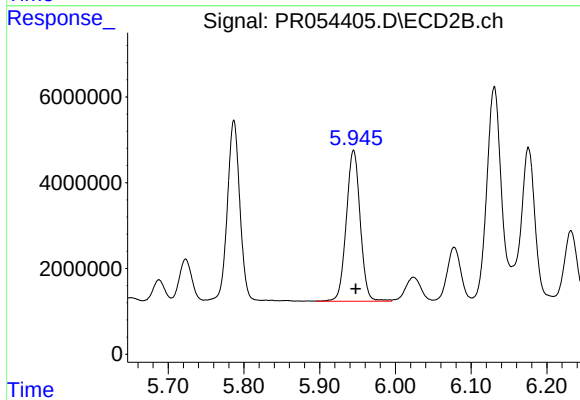
R.T.: 5.787 min
Delta R.T.: -0.003 min
Response: 48770646
Conc: 494.33 ng/ml



#33 AR-1260-3

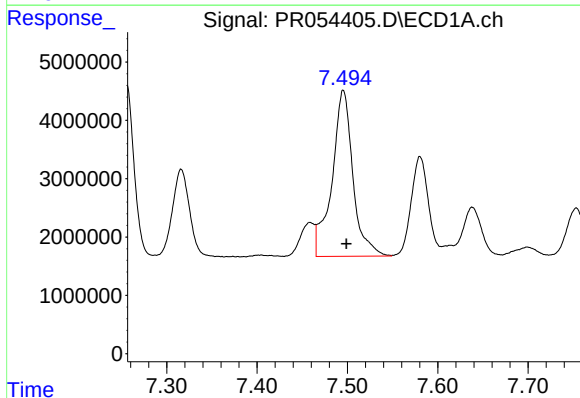
R.T.: 7.254 min
Delta R.T.: -0.004 min
Response: 43288056
Conc: 464.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



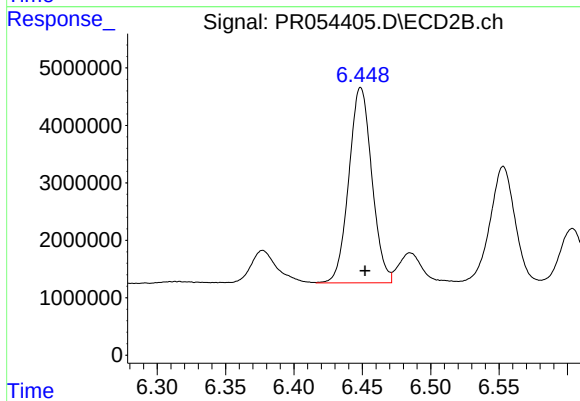
#33 AR-1260-3

R.T.: 5.945 min
Delta R.T.: -0.003 min
Response: 45139833
Conc: 494.38 ng/ml



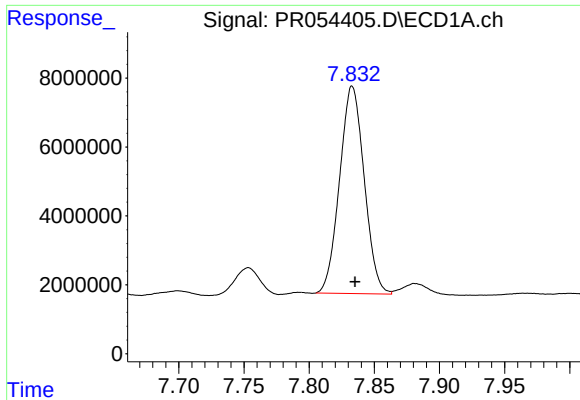
#34 AR-1260-4

R.T.: 7.495 min
Delta R.T.: -0.003 min
Response: 45916715
Conc: 436.35 ng/ml



#34 AR-1260-4

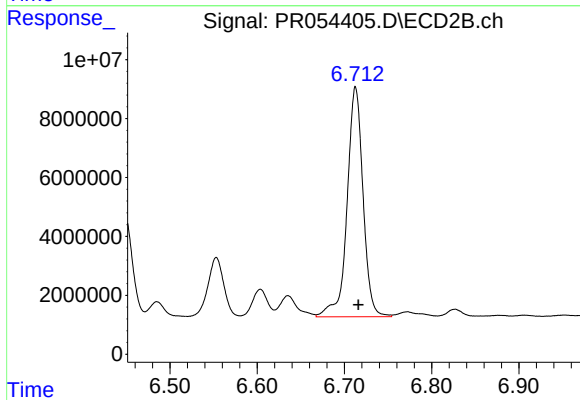
R.T.: 6.449 min
Delta R.T.: -0.003 min
Response: 39890036
Conc: 519.71 ng/ml



#35 AR-1260-5

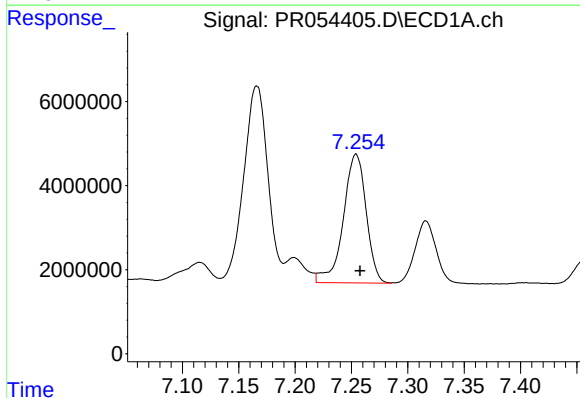
R.T.: 7.833 min
Delta R.T.: -0.002 min
Response: 79153843
Conc: 420.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



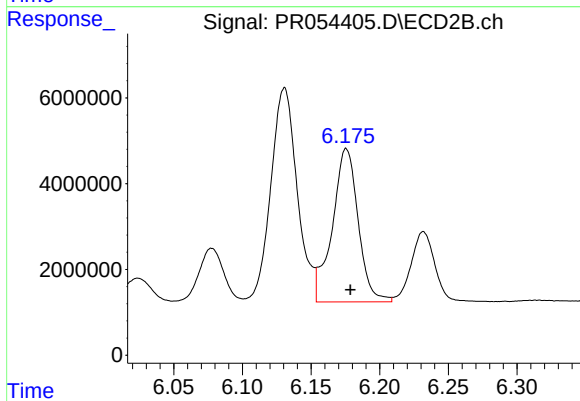
#35 AR-1260-5

R.T.: 6.713 min
Delta R.T.: -0.003 min
Response: 99055289
Conc: 555.54 ng/ml



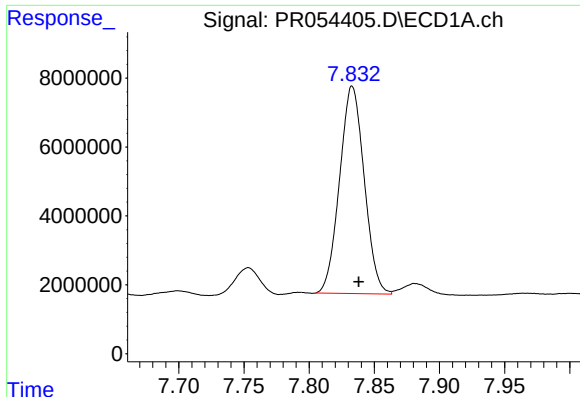
#36 AR-1262-1

R.T.: 7.254 min
Delta R.T.: -0.004 min
Response: 43288056
Conc: 321.29 ng/ml



#36 AR-1262-1

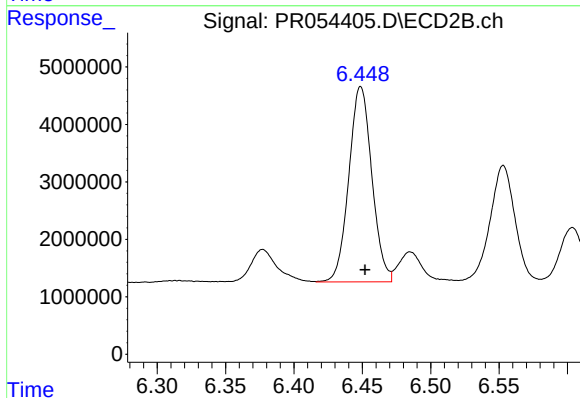
R.T.: 6.176 min
Delta R.T.: -0.003 min
Response: 46937920
Conc: 410.33 ng/ml



#37 AR-1262-2

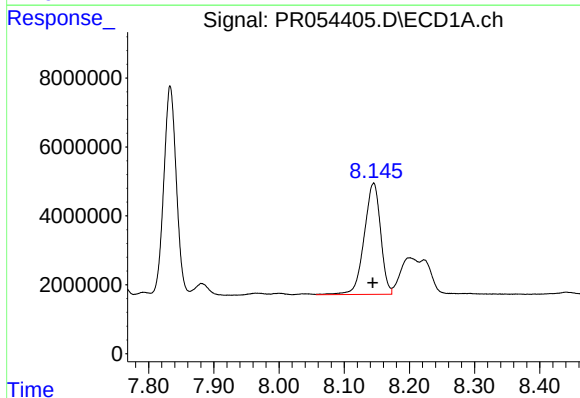
R.T.: 7.833 min
Delta R.T.: -0.005 min
Response: 79153843
Conc: 374.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



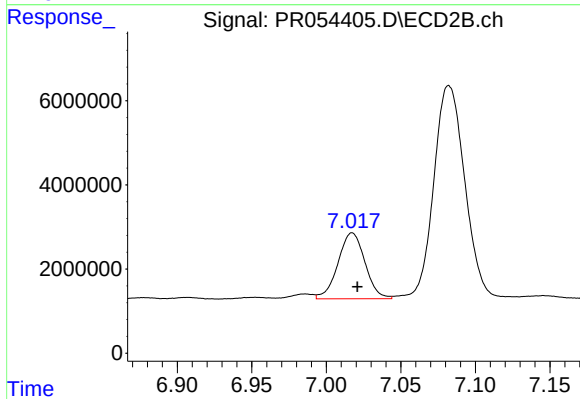
#37 AR-1262-2

R.T.: 6.449 min
Delta R.T.: -0.003 min
Response: 39890036
Conc: 387.73 ng/ml



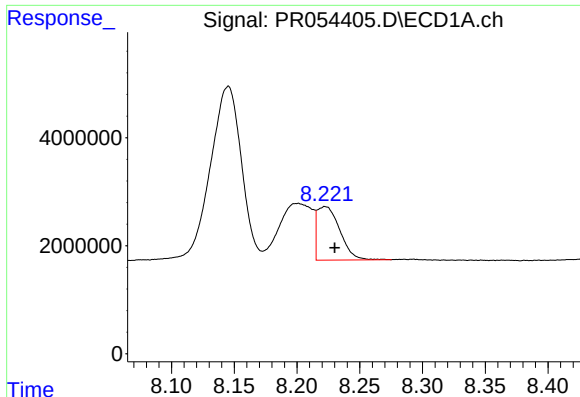
#38 AR-1262-3

R.T.: 8.145 min
Delta R.T.: 0.001 min
Response: 56366655
Conc: 394.38 ng/ml



#38 AR-1262-3

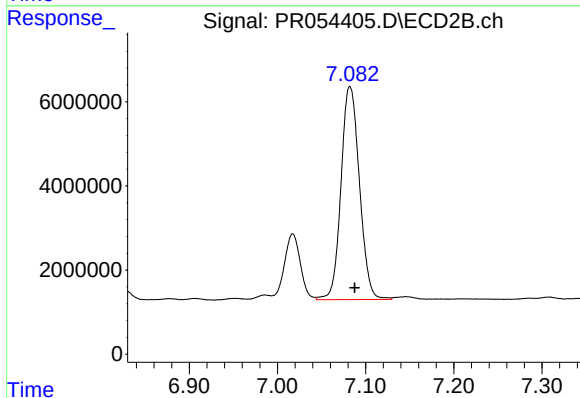
R.T.: 7.017 min
Delta R.T.: -0.004 min
Response: 19754464
Conc: 247.76 ng/ml



#39 AR-1262-4

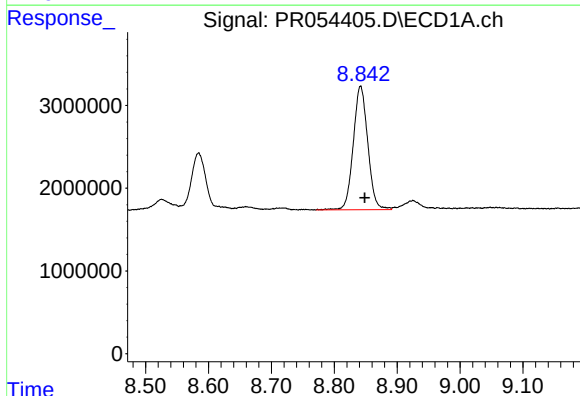
R.T.: 8.223 min
Delta R.T.: -0.007 min
Response: 12471480
Conc: 176.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



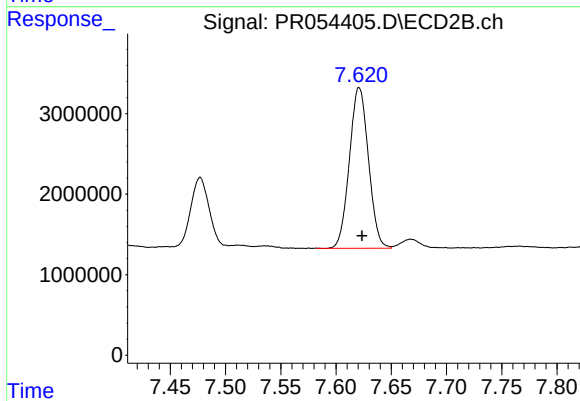
#39 AR-1262-4

R.T.: 7.082 min
Delta R.T.: -0.005 min
Response: 73589889
Conc: 493.52 ng/ml



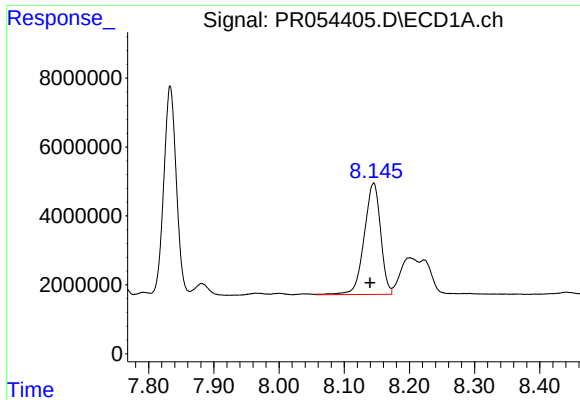
#40 AR-1262-5

R.T.: 8.842 min
Delta R.T.: -0.007 min
Response: 23962194
Conc: 322.11 ng/ml



#40 AR-1262-5

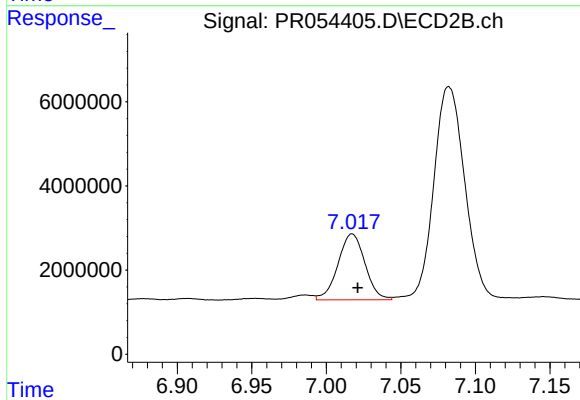
R.T.: 7.621 min
Delta R.T.: -0.003 min
Response: 24021637
Conc: 350.80 ng/ml



#41 AR-1268-1

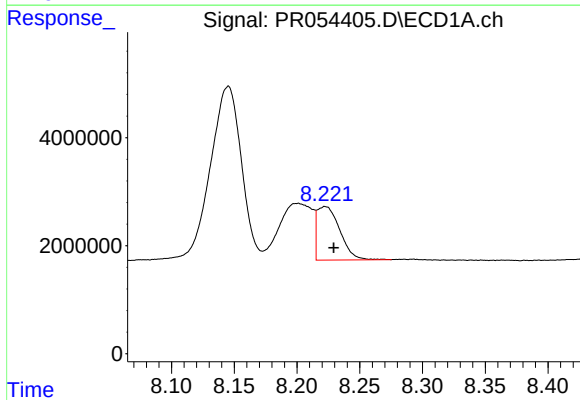
R.T.: 8.145 min
Delta R.T.: 0.006 min
Response: 56366655
Conc: 233.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



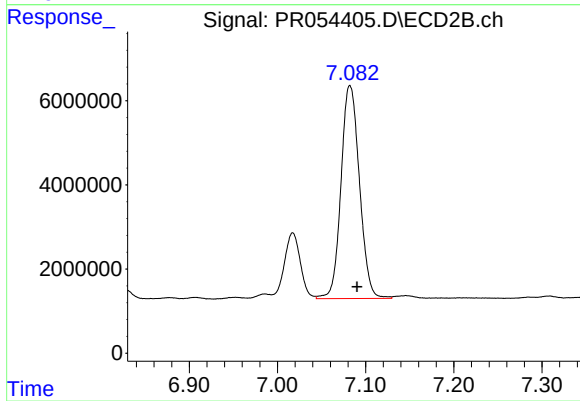
#41 AR-1268-1

R.T.: 7.017 min
Delta R.T.: -0.004 min
Response: 19754464
Conc: 83.84 ng/ml



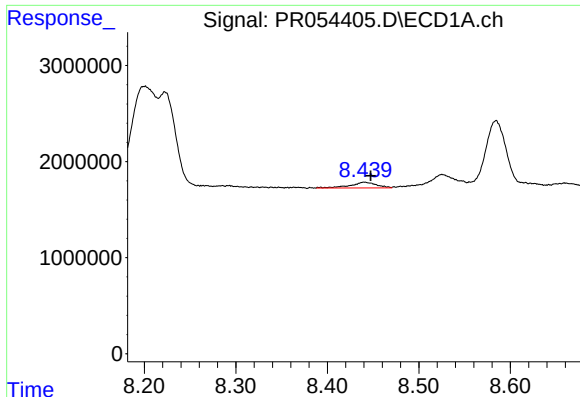
#42 AR-1268-2

R.T.: 8.223 min
Delta R.T.: -0.007 min
Response: 12471480
Conc: 56.91 ng/ml



#42 AR-1268-2

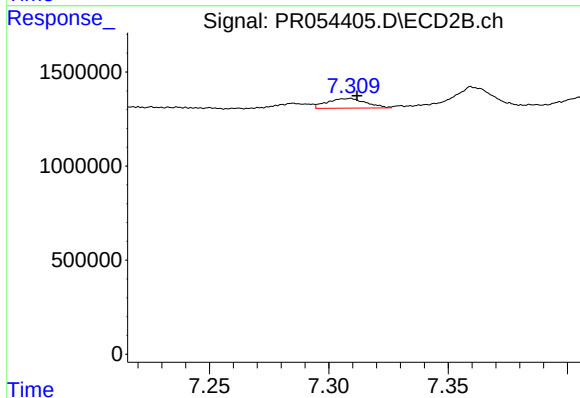
R.T.: 7.082 min
Delta R.T.: -0.008 min
Response: 73589889
Conc: 344.31 ng/ml



#43 AR-1268-3

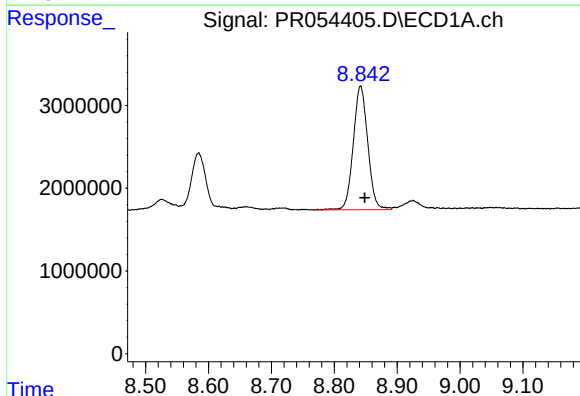
R.T.: 8.440 min
Delta R.T.: -0.007 min
Response: 1197218
Conc: 6.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



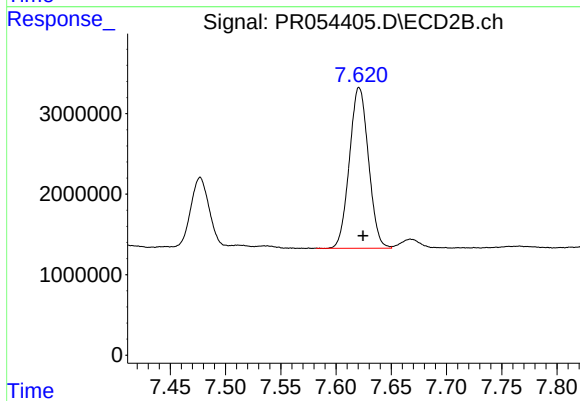
#43 AR-1268-3

R.T.: 7.309 min
Delta R.T.: -0.003 min
Response: 584753
Conc: 3.25 ng/ml



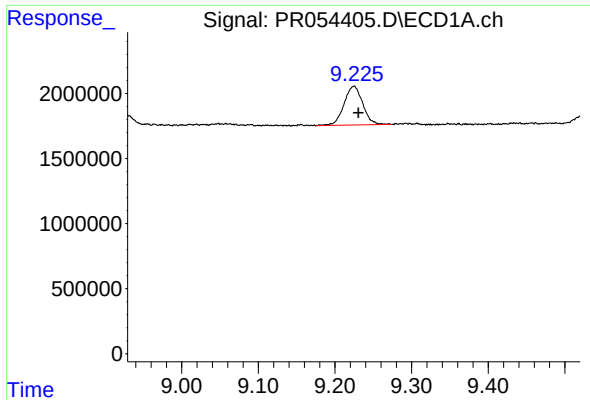
#44 AR-1268-4

R.T.: 8.842 min
Delta R.T.: -0.007 min
Response: 23962194
Conc: 295.97 ng/ml



#44 AR-1268-4

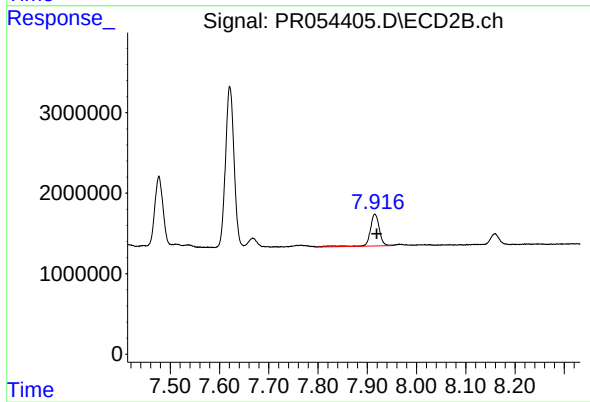
R.T.: 7.621 min
Delta R.T.: -0.004 min
Response: 24021637
Conc: 312.43 ng/ml



#45 AR-1268-5

R.T.: 9.225 min
Delta R.T.: -0.006 min
Response: 5069125
Conc: 9.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.916 min
Delta R.T.: -0.003 min
Response: 5103351
Conc: 9.01 ng/ml