

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR082722\
 Data File : PR056191.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Aug 2022 16:56
 Operator : AJ\MA
 Sample : N4379-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 26 22:30:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 05 12:39:02 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...	3.626	2.897	94433550	37479387	22.131	18.667
2)	SA Decachlor...	9.516	8.109	62269652	50585026	35.021	27.808
Target Compounds							
3)	L1 AR-1016-1	4.846	4.018	885996	220266	7.651	3.401 #
4)	L1 AR-1016-2	4.883	4.018	1849594	220266	11.270	2.412 #
5)	L1 AR-1016-3	4.942	4.198	1121212	830311	11.337	16.284 #
6)	L1 AR-1016-4	0.000	4.249	0	275293	N.D.	7.246 #
7)	L1 AR-1016-5	5.363	4.481	477721	647258	6.607	13.121 #
8)	L2 AR-1221-1	3.855	0.000	16147266	0	326.736	N.D. #
9)	L2 AR-1221-2	3.936	3.197f	2372718	453611	65.492	26.456 #
12)	L3 AR-1232-2	4.559	4.018	1370716	220266	31.937	5.479 #
13)	L3 AR-1232-3	4.883	4.198	1849594	830311	25.274	38.449 #
14)	L3 AR-1232-4	0.000	4.273f	0	698753	N.D.	38.058 #
15)	L3 AR-1232-5	5.138	4.481	349658	647258	14.015	31.302 #
16)	L4 AR-1242-1	4.846	4.018	885996	220266	9.420	4.107 #
17)	L4 AR-1242-2	4.883	4.018	1849594	220266	13.653	2.945 #
18)	L4 AR-1242-3	4.942	4.198	1121212	830311	14.073	20.455 #
19)	L4 AR-1242-4	0.000	4.273f	0	698753	N.D.	18.562 #
20)	L4 AR-1242-5	5.829	4.829	6529750	17274766	113.383	348.965 #
21)	L5 AR-1248-1	4.846	4.018	885996	220266	12.188	5.412 #
22)	L5 AR-1248-2	5.138	4.249	349658	275293	3.933	4.974 #
23)	L5 AR-1248-3	5.363	4.273f	477721	698753	4.801	12.425 #
24)	L5 AR-1248-4	0.000	4.481	0	647258	N.D.	9.538 #
25)	L5 AR-1248-5	5.829	4.875	6529750	182576	66.883	2.560 #
26)	L6 AR-1254-1	5.755	4.829	27431355	17274766	267.843	158.098 #
27)	L6 AR-1254-2	5.990	0.000	23104412	0	157.172	N.D. #
28)	L6 AR-1254-3	6.389	5.405	51912755	21837611	354.334	143.364 #
29)	L6 AR-1254-4	6.694	5.650	5839157	3182154	56.325	32.295 #
30)	L6 AR-1254-5	7.151	6.091	40072762	35344918	369.571	260.874 #
31)	L7 AR-1260-1	6.563	5.545	16349266	15082192	151.016	149.688
32)	L7 AR-1260-2	6.838f	5.748	66243422	16276519	535.364	133.128 #
33)	L7 AR-1260-3	7.236	5.902f	3535123	14768424	39.163	130.584 #
34)	L7 AR-1260-4	7.461f	6.407	16277856	3307641	158.547	34.564 #
35)	L7 AR-1260-5	7.819	6.673	9827563	7522410	50.556	33.499 #
36)	L8 AR-1262-1	7.236	6.162	3535123	1906806	28.436	14.178 #
37)	L8 AR-1262-2	7.819	6.407	9827563	3307641	46.046	27.104 #
38)	L8 AR-1262-3	8.130	6.975	9304487	3104776	63.105	32.257 #
39)	L8 AR-1262-4	8.209	7.040f	4550930	7818139	72.419	42.967 #
40)	L8 AR-1262-5	8.829	7.579	1766676	1546853	22.304	18.051
41)	L9 AR-1268-1	8.130	6.975	9304487	3104776	37.315	11.038 #
42)	L9 AR-1268-2	8.209	7.040f	4550930	7818139	19.933	30.559 #
43)	L9 AR-1268-3	8.426	7.262	8441412	6281515	43.835	29.187 #

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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	8.829	7.579	1766676	1546853	20.031	16.278
45) L9	AR-1268-5	9.210	7.871	19070263	15478501	31.188	22.716 #

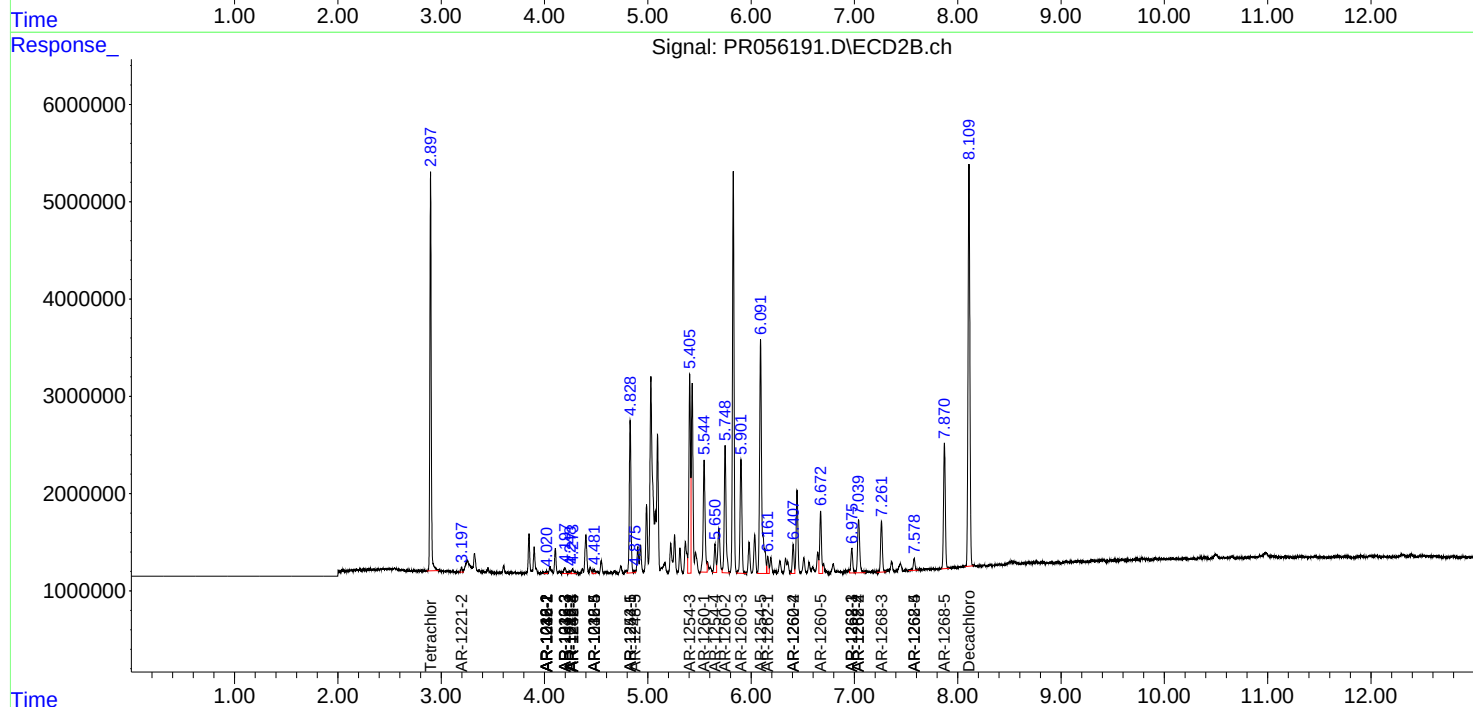
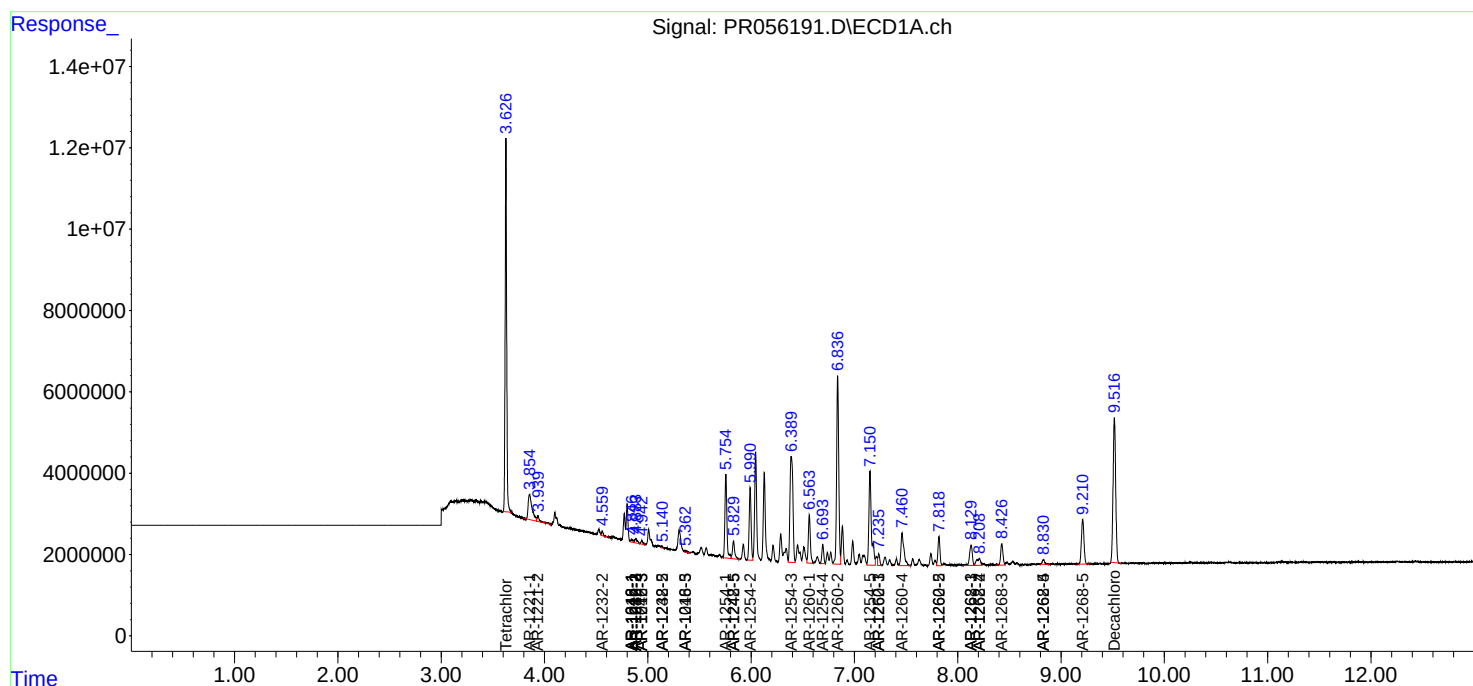
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

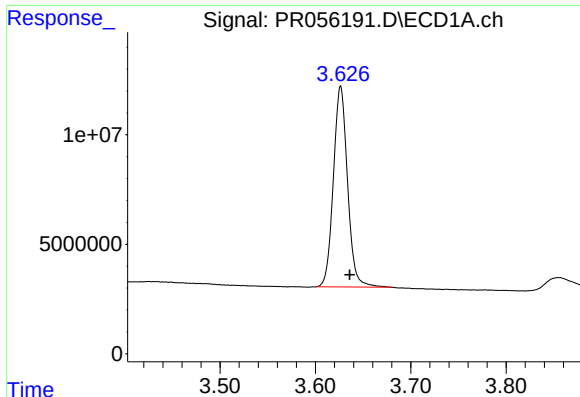
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

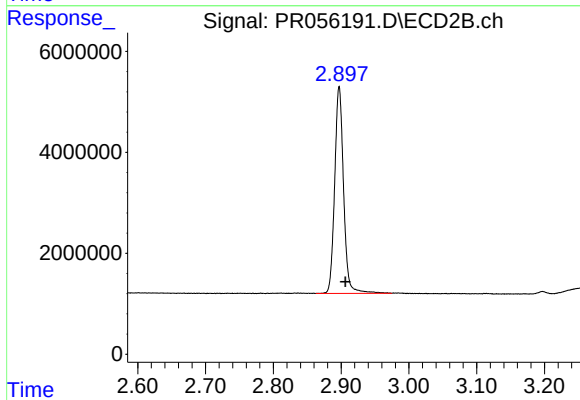




#1 Tetrachloro-m-xylene

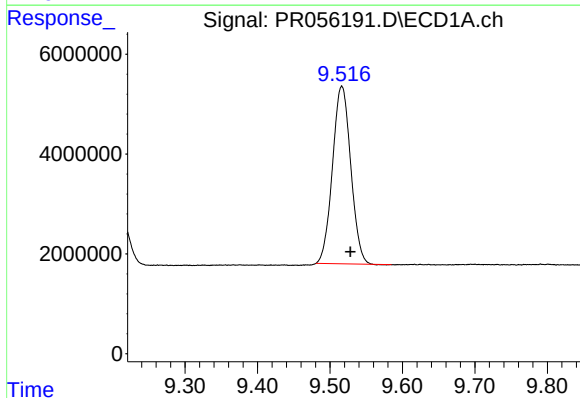
R.T.: 3.626 min
Delta R.T.: -0.010 min
Response: 94433550
Conc: 22.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



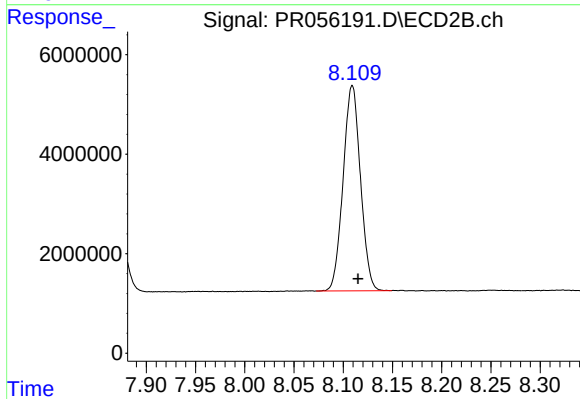
#1 Tetrachloro-m-xylene

R.T.: 2.897 min
Delta R.T.: -0.009 min
Response: 37479387
Conc: 18.67 ng/ml



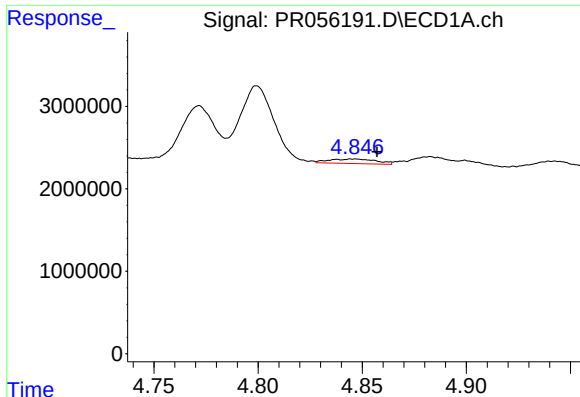
#2 Decachlorobiphenyl

R.T.: 9.516 min
Delta R.T.: -0.012 min
Response: 62269652
Conc: 35.02 ng/ml



#2 Decachlorobiphenyl

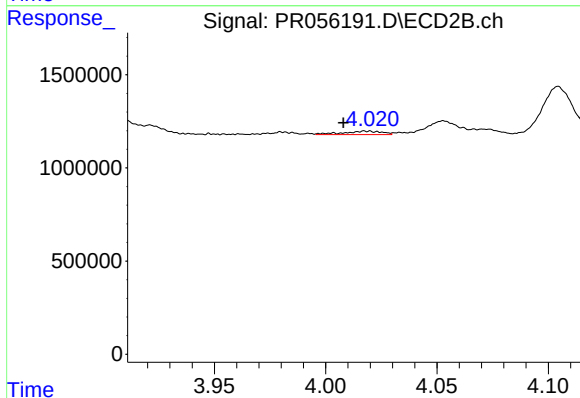
R.T.: 8.109 min
Delta R.T.: -0.006 min
Response: 50585026
Conc: 27.81 ng/ml



#3 AR-1016-1

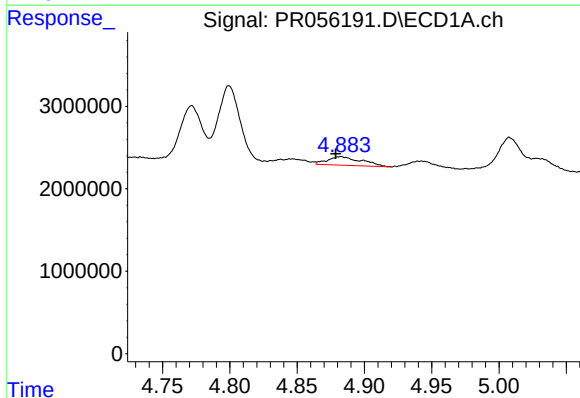
R.T.: 4.846 min
Delta R.T.: -0.011 min
Response: 885996
Conc: 7.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



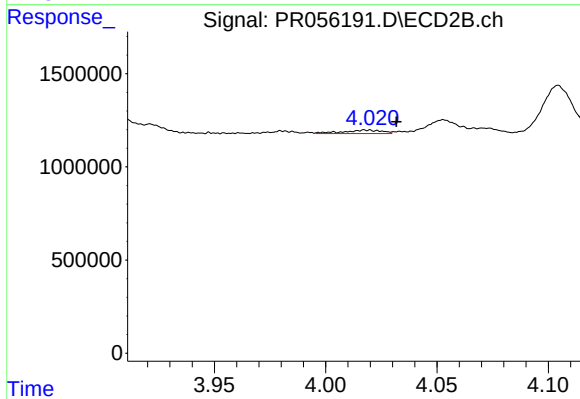
#3 AR-1016-1

R.T.: 4.018 min
Delta R.T.: 0.010 min
Response: 220266
Conc: 3.40 ng/ml



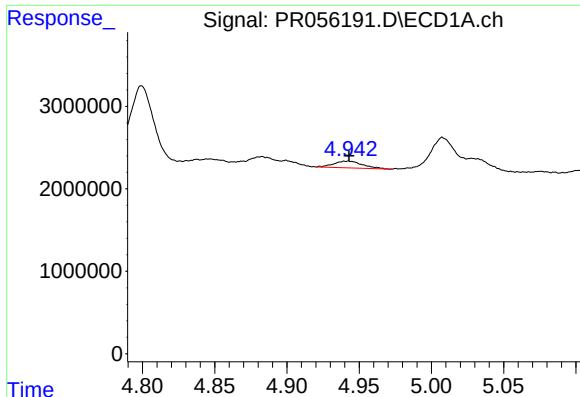
#4 AR-1016-2

R.T.: 4.883 min
Delta R.T.: 0.004 min
Response: 1849594
Conc: 11.27 ng/ml



#4 AR-1016-2

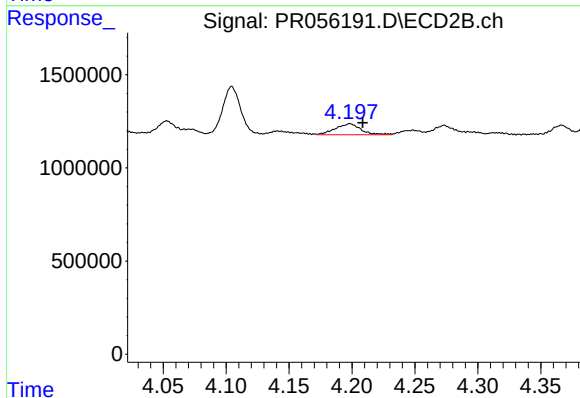
R.T.: 4.018 min
Delta R.T.: -0.014 min
Response: 220266
Conc: 2.41 ng/ml



#5 AR-1016-3

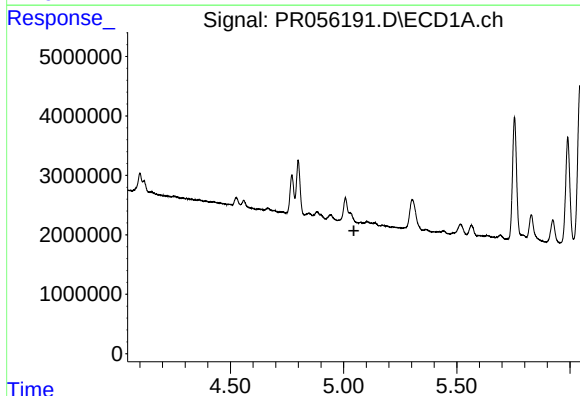
R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 1121212
Conc: 11.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



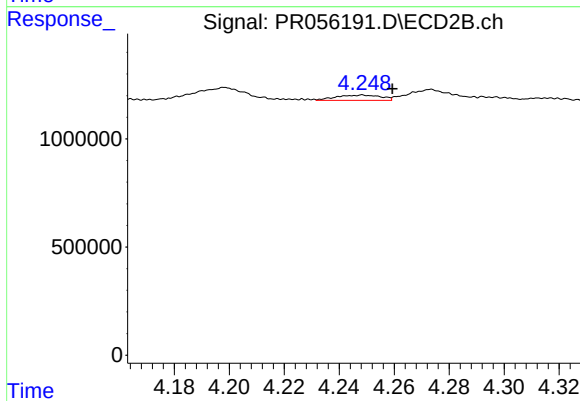
#5 AR-1016-3

R.T.: 4.198 min
Delta R.T.: -0.010 min
Response: 830311
Conc: 16.28 ng/ml



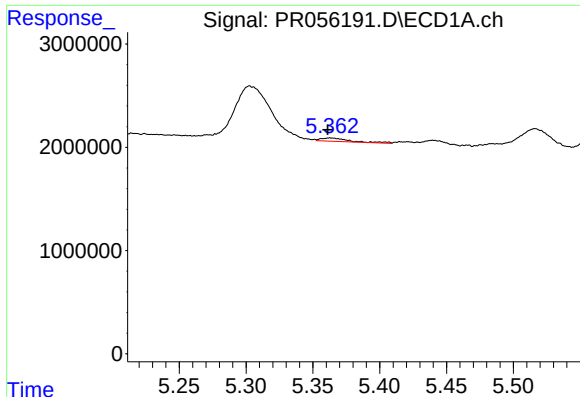
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.046 min
Response: 0
Conc: N.D.



#6 AR-1016-4

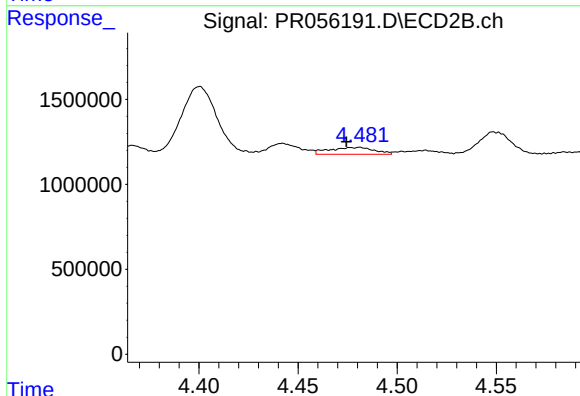
R.T.: 4.249 min
Delta R.T.: -0.011 min
Response: 275293
Conc: 7.25 ng/ml



#7 AR-1016-5

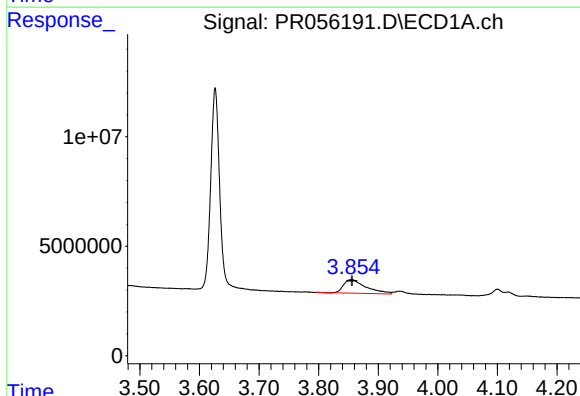
R.T.: 5.363 min
Delta R.T.: 0.002 min
Response: 477721
Conc: 6.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



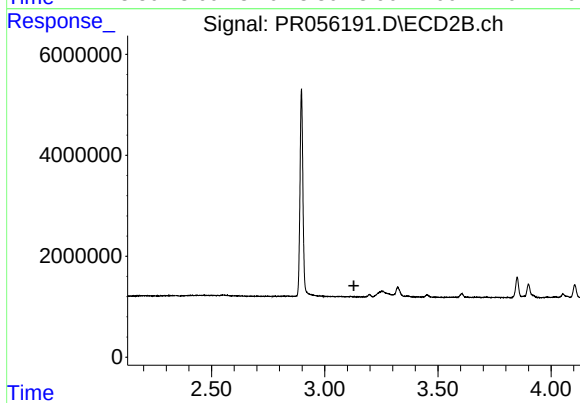
#7 AR-1016-5

R.T.: 4.481 min
Delta R.T.: 0.006 min
Response: 647258
Conc: 13.12 ng/ml



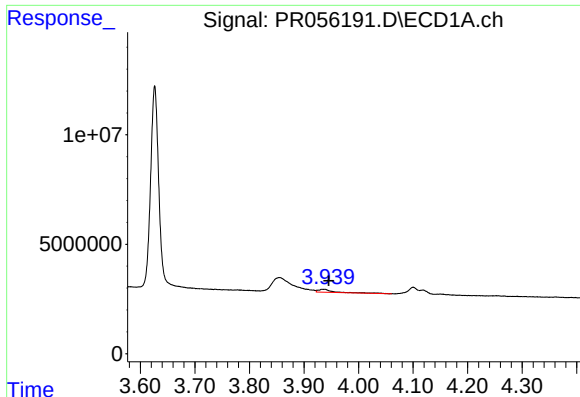
#8 AR-1221-1

R.T.: 3.855 min
Delta R.T.: -0.001 min
Response: 16147266
Conc: 326.74 ng/ml



#8 AR-1221-1

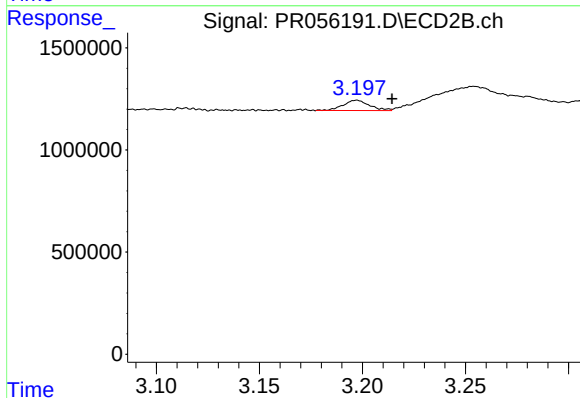
R.T.: 0.000 min
Exp R.T. : 3.129 min
Response: 0
Conc: N.D.



#9 AR-1221-2

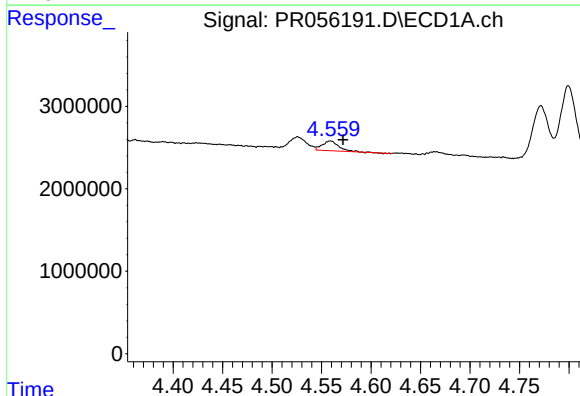
R.T.: 3.936 min
Delta R.T.: -0.009 min
Response: 2372718
Conc: 65.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



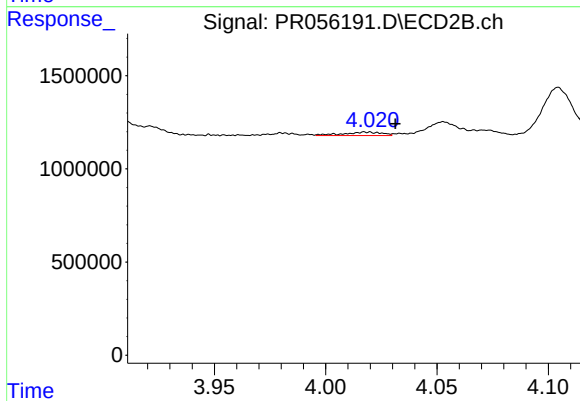
#9 AR-1221-2

R.T.: 3.197 min
Delta R.T.: -0.017 min
Response: 453611
Conc: 26.46 ng/ml



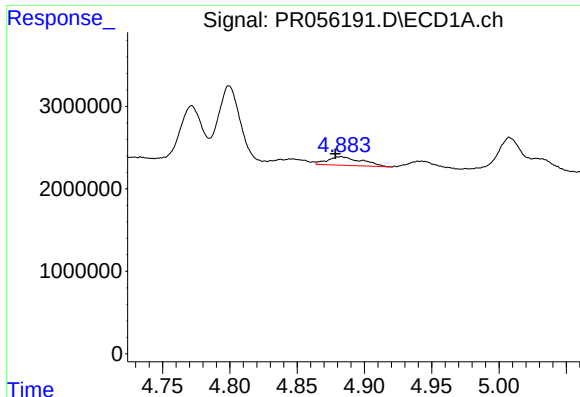
#12 AR-1232-2

R.T.: 4.559 min
Delta R.T.: -0.013 min
Response: 1370716
Conc: 31.94 ng/ml



#12 AR-1232-2

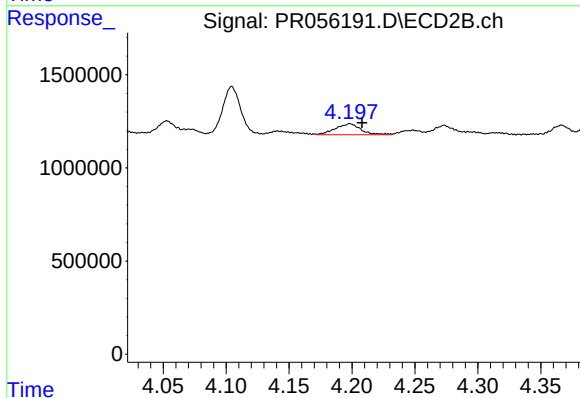
R.T.: 4.018 min
Delta R.T.: -0.013 min
Response: 220266
Conc: 5.48 ng/ml



#13 AR-1232-3

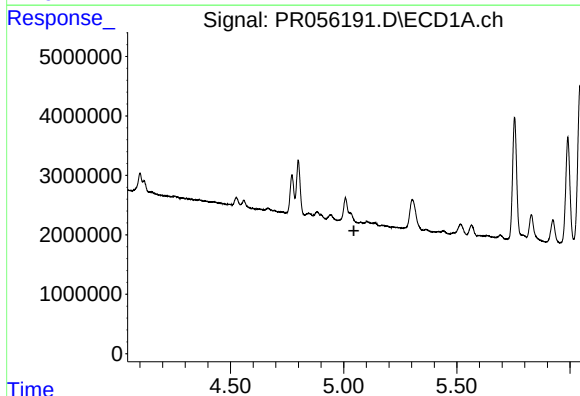
R.T.: 4.883 min
Delta R.T.: 0.004 min
Response: 1849594
Conc: 25.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



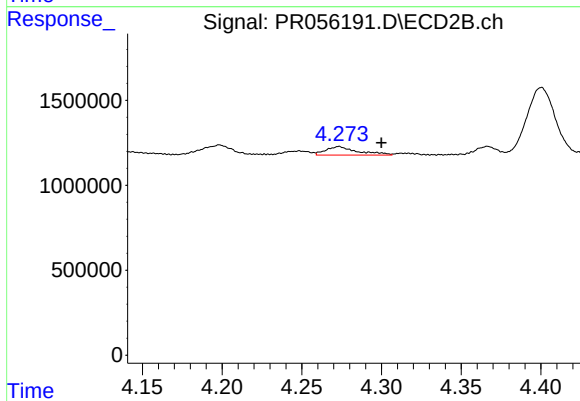
#13 AR-1232-3

R.T.: 4.198 min
Delta R.T.: -0.010 min
Response: 830311
Conc: 38.45 ng/ml



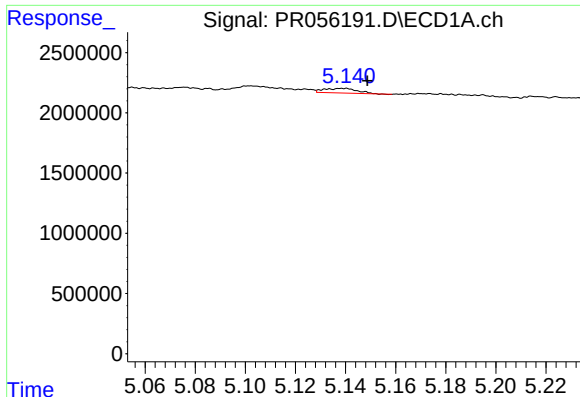
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.045 min
Response: 0
Conc: N.D.



#14 AR-1232-4

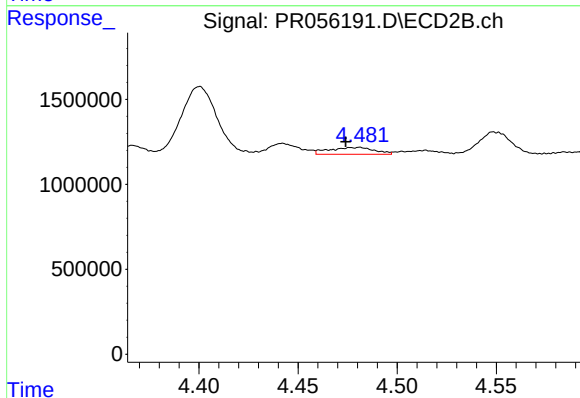
R.T.: 4.273 min
Delta R.T.: -0.027 min
Response: 698753
Conc: 38.06 ng/ml



#15 AR-1232-5

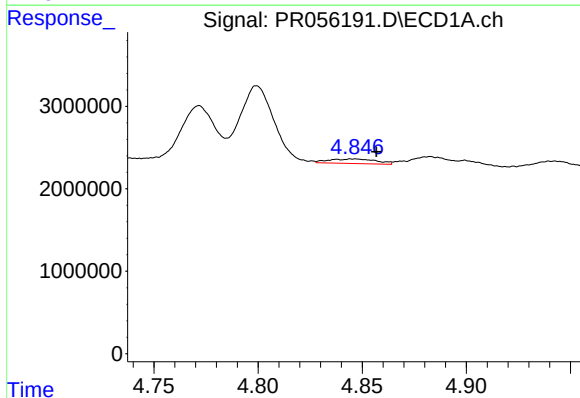
R.T.: 5.138 min
Delta R.T.: -0.011 min
Response: 349658
Conc: 14.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



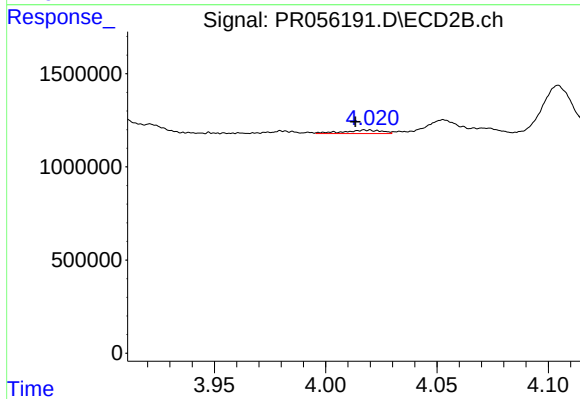
#15 AR-1232-5

R.T.: 4.481 min
Delta R.T.: 0.007 min
Response: 647258
Conc: 31.30 ng/ml



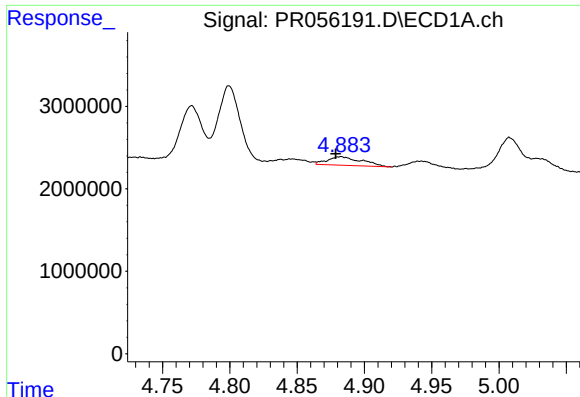
#16 AR-1242-1

R.T.: 4.846 min
Delta R.T.: -0.011 min
Response: 885996
Conc: 9.42 ng/ml



#16 AR-1242-1

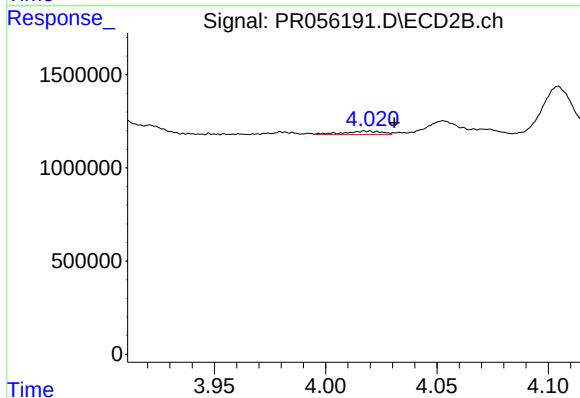
R.T.: 4.018 min
Delta R.T.: 0.005 min
Response: 220266
Conc: 4.11 ng/ml



#17 AR-1242-2

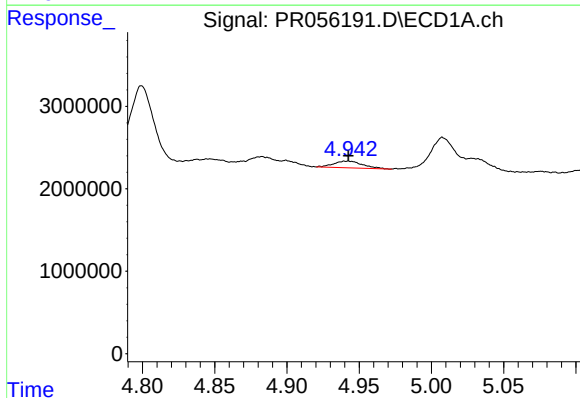
R.T.: 4.883 min
Delta R.T.: 0.004 min
Response: 1849594
Conc: 13.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



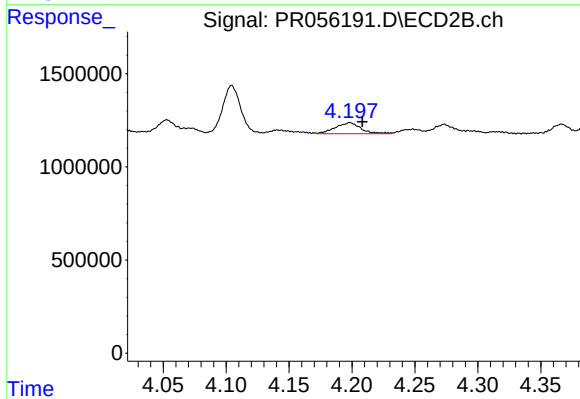
#17 AR-1242-2

R.T.: 4.018 min
Delta R.T.: -0.013 min
Response: 220266
Conc: 2.94 ng/ml



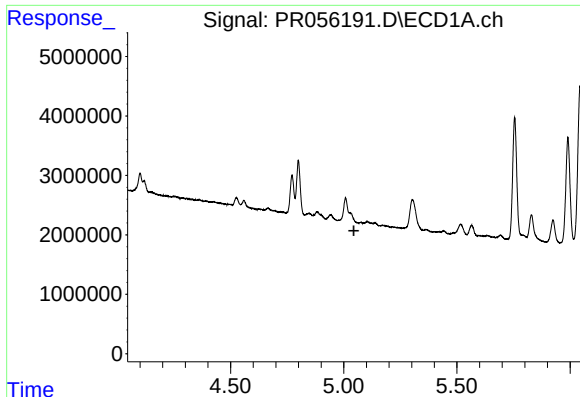
#18 AR-1242-3

R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 1121212
Conc: 14.07 ng/ml



#18 AR-1242-3

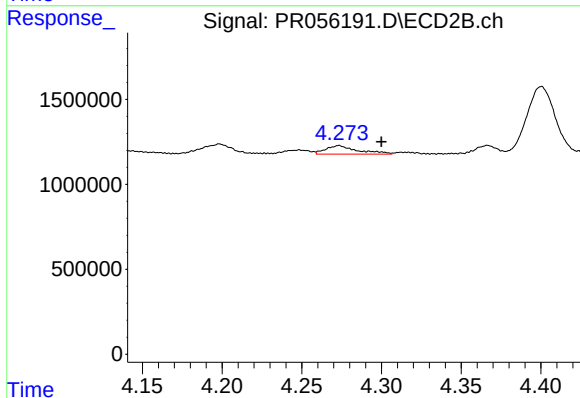
R.T.: 4.198 min
Delta R.T.: -0.010 min
Response: 830311
Conc: 20.45 ng/ml



#19 AR-1242-4

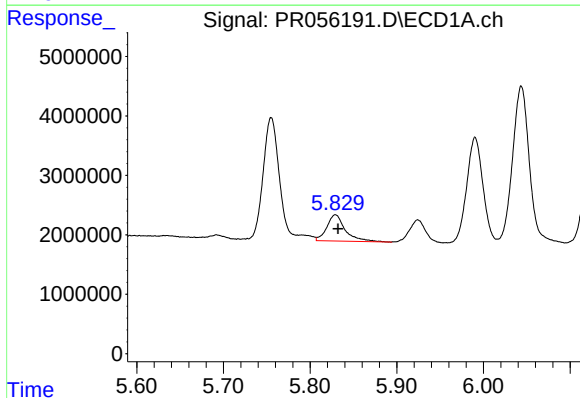
R.T.: 0.000 min
Exp R.T.: 5.045 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



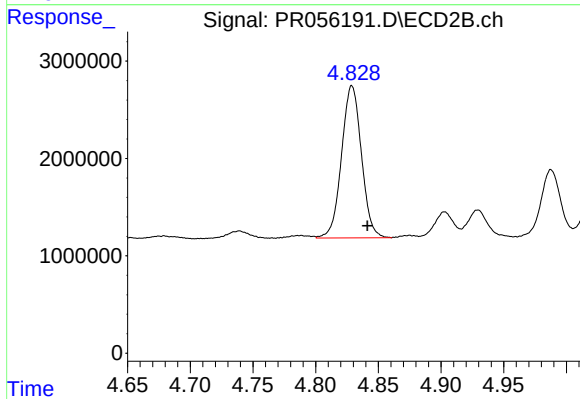
#19 AR-1242-4

R.T.: 4.273 min
Delta R.T.: -0.027 min
Response: 698753
Conc: 18.56 ng/ml



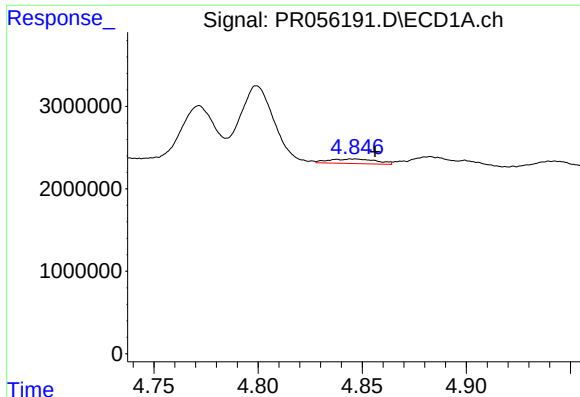
#20 AR-1242-5

R.T.: 5.829 min
Delta R.T.: -0.003 min
Response: 6529750
Conc: 113.38 ng/ml



#20 AR-1242-5

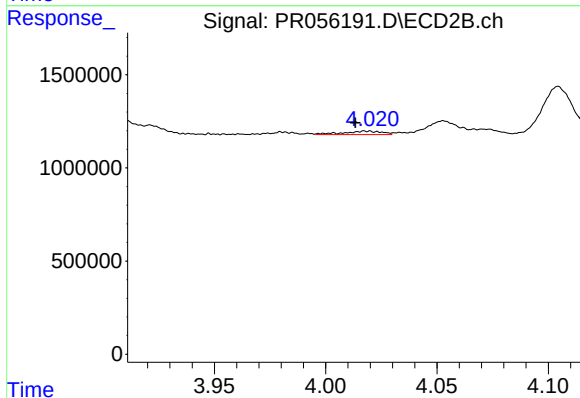
R.T.: 4.829 min
Delta R.T.: -0.012 min
Response: 17274766
Conc: 348.96 ng/ml



#21 AR-1248-1

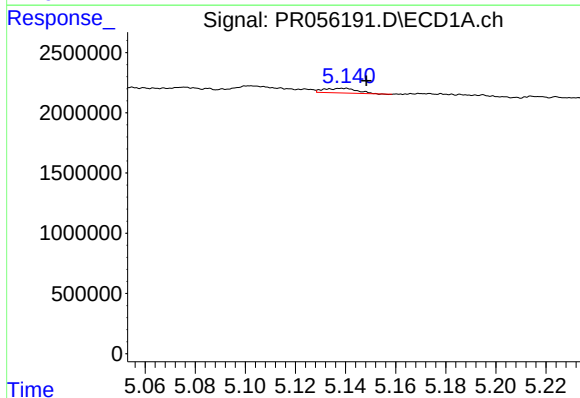
R.T.: 4.846 min
Delta R.T.: -0.010 min
Response: 885996
Conc: 12.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



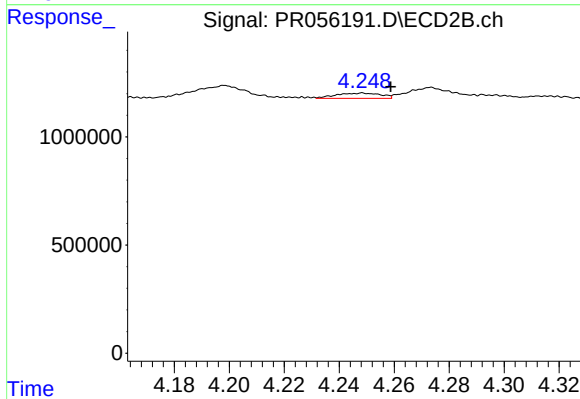
#21 AR-1248-1

R.T.: 4.018 min
Delta R.T.: 0.005 min
Response: 220266
Conc: 5.41 ng/ml



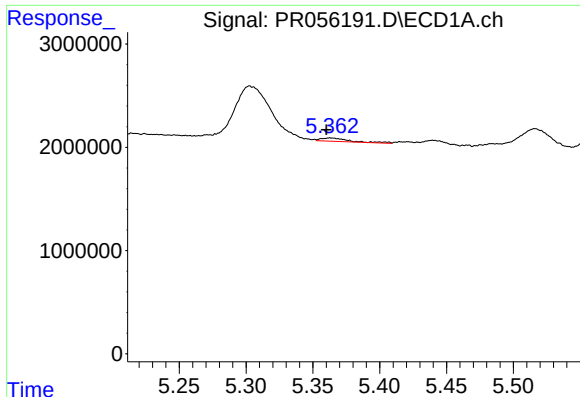
#22 AR-1248-2

R.T.: 5.138 min
Delta R.T.: -0.010 min
Response: 349658
Conc: 3.93 ng/ml



#22 AR-1248-2

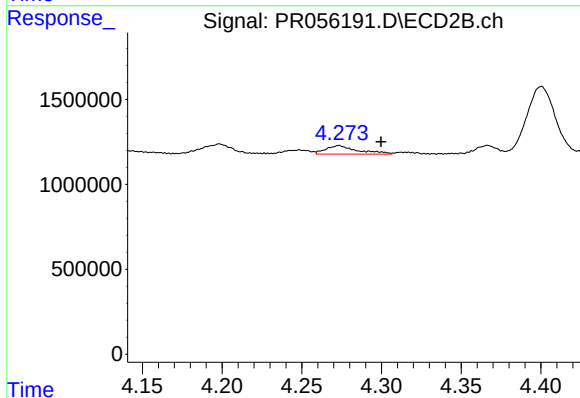
R.T.: 4.249 min
Delta R.T.: -0.010 min
Response: 275293
Conc: 4.97 ng/ml



#23 AR-1248-3

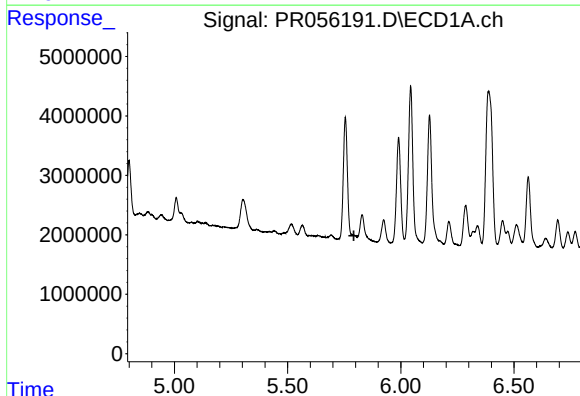
R.T.: 5.363 min
Delta R.T.: 0.003 min
Response: 477721
Conc: 4.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



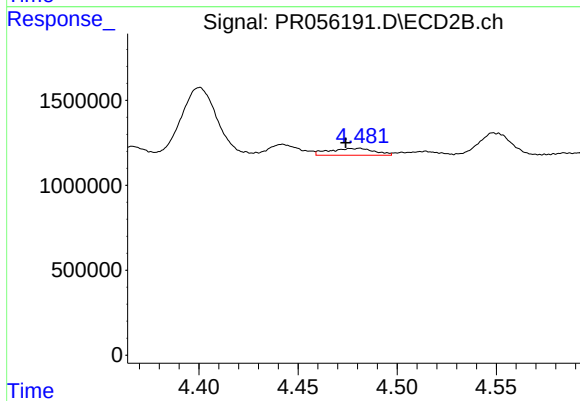
#23 AR-1248-3

R.T.: 4.273 min
Delta R.T.: -0.026 min
Response: 698753
Conc: 12.43 ng/ml



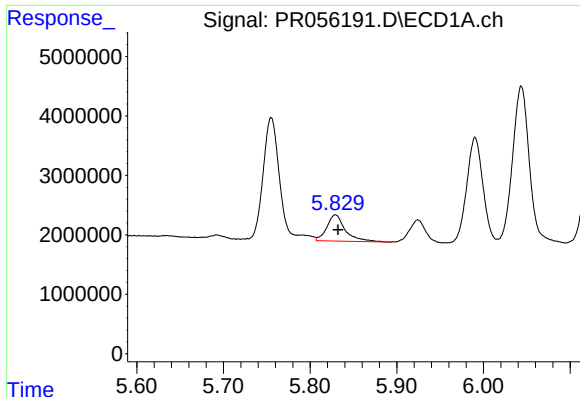
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.793 min
Response: 0
Conc: N.D.



#24 AR-1248-4

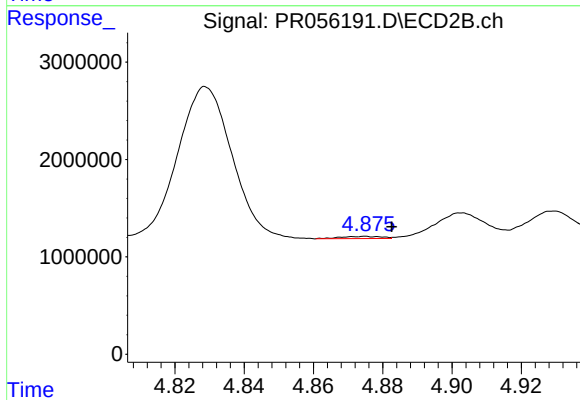
R.T.: 4.481 min
Delta R.T.: 0.007 min
Response: 647258
Conc: 9.54 ng/ml



#25 AR-1248-5

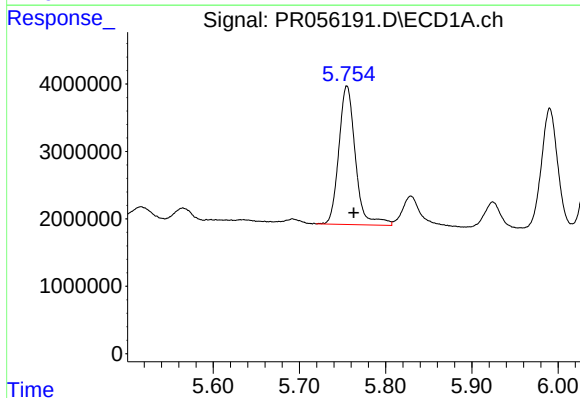
R.T.: 5.829 min
Delta R.T.: -0.003 min
Response: 6529750
Conc: 66.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



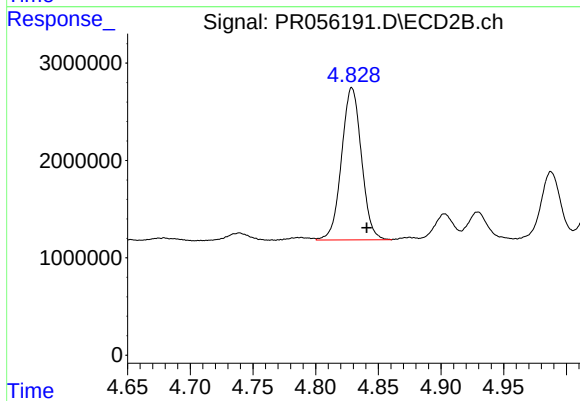
#25 AR-1248-5

R.T.: 4.875 min
Delta R.T.: -0.008 min
Response: 182576
Conc: 2.56 ng/ml



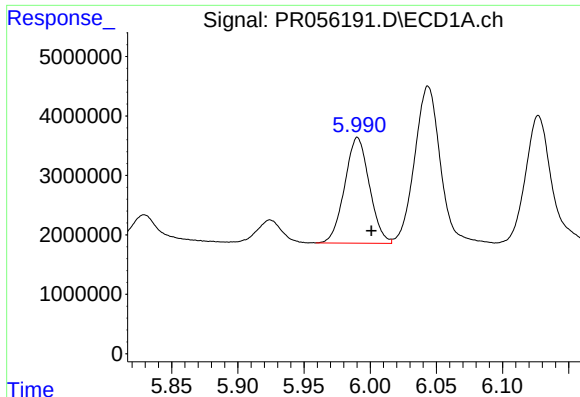
#26 AR-1254-1

R.T.: 5.755 min
Delta R.T.: -0.008 min
Response: 27431355
Conc: 267.84 ng/ml



#26 AR-1254-1

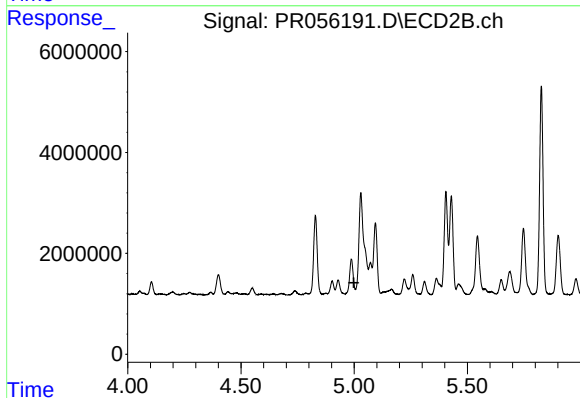
R.T.: 4.829 min
Delta R.T.: -0.012 min
Response: 17274766
Conc: 158.10 ng/ml



#27 AR-1254-2

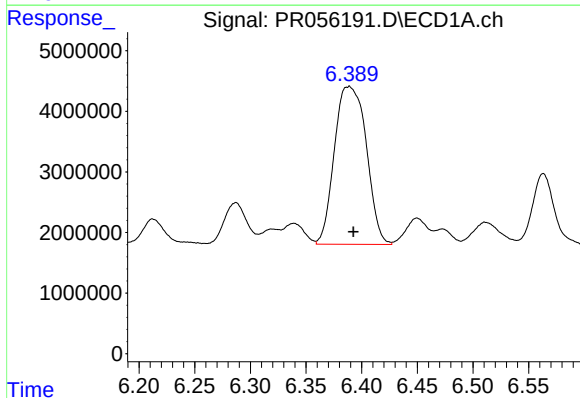
R.T.: 5.990 min
Delta R.T.: -0.010 min
Response: 23104412
Conc: 157.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



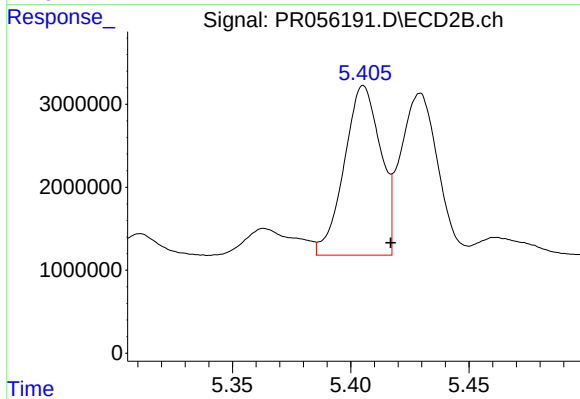
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 4.999 min
Response: 0
Conc: N.D.



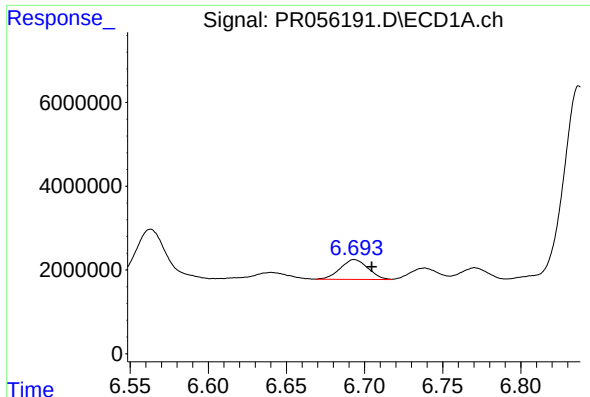
#28 AR-1254-3

R.T.: 6.389 min
Delta R.T.: -0.004 min
Response: 51912755
Conc: 354.33 ng/ml



#28 AR-1254-3

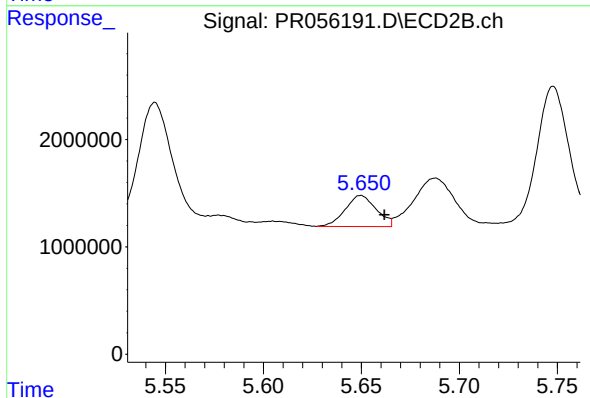
R.T.: 5.405 min
Delta R.T.: -0.012 min
Response: 21837611
Conc: 143.36 ng/ml



#29 AR-1254-4

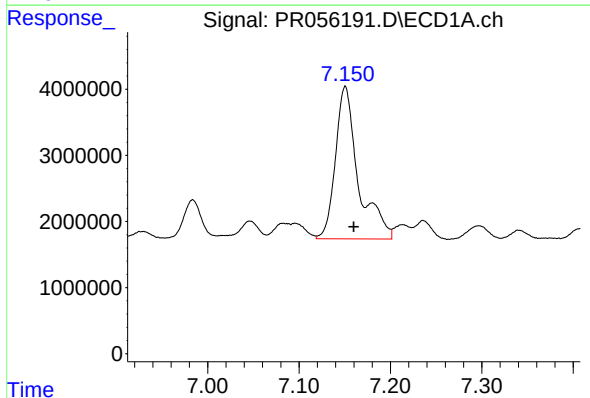
R.T.: 6.694 min
Delta R.T.: -0.011 min
Response: 5839157
Conc: 56.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



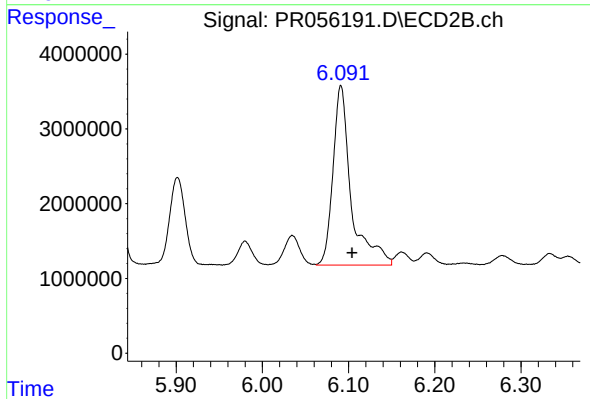
#29 AR-1254-4

R.T.: 5.650 min
Delta R.T.: -0.012 min
Response: 3182154
Conc: 32.29 ng/ml



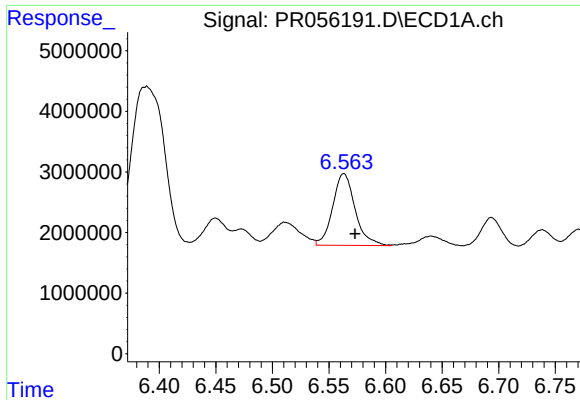
#30 AR-1254-5

R.T.: 7.151 min
Delta R.T.: -0.010 min
Response: 40072762
Conc: 369.57 ng/ml



#30 AR-1254-5

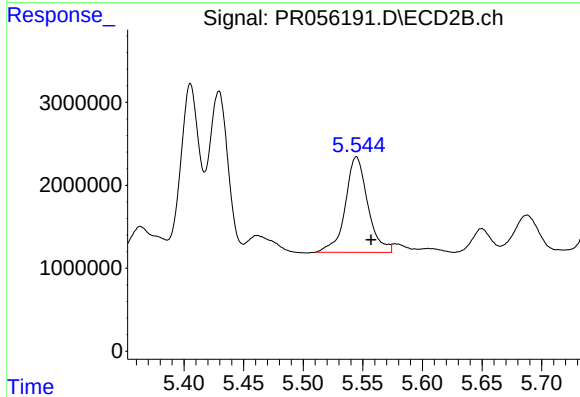
R.T.: 6.091 min
Delta R.T.: -0.013 min
Response: 35344918
Conc: 260.87 ng/ml



#31 AR-1260-1

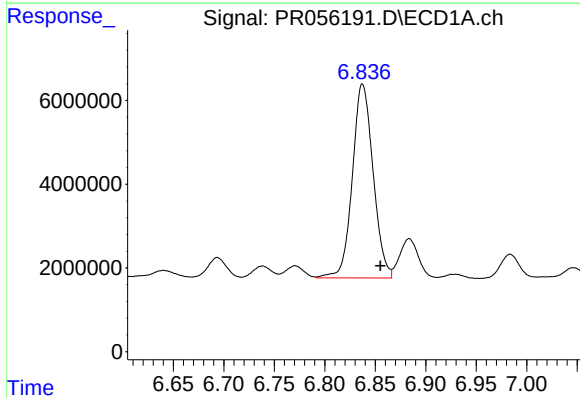
R.T.: 6.563 min
Delta R.T.: -0.010 min
Response: 16349266
Conc: 151.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



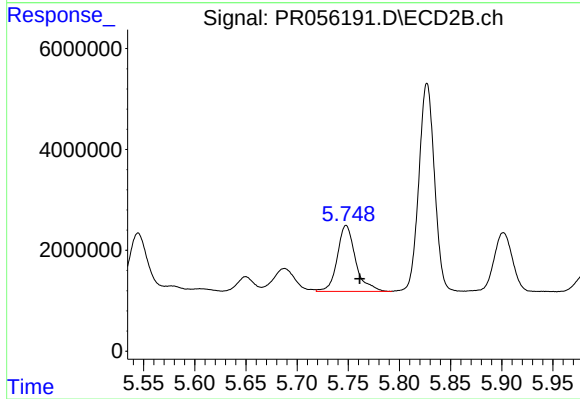
#31 AR-1260-1

R.T.: 5.545 min
Delta R.T.: -0.012 min
Response: 15082192
Conc: 149.69 ng/ml



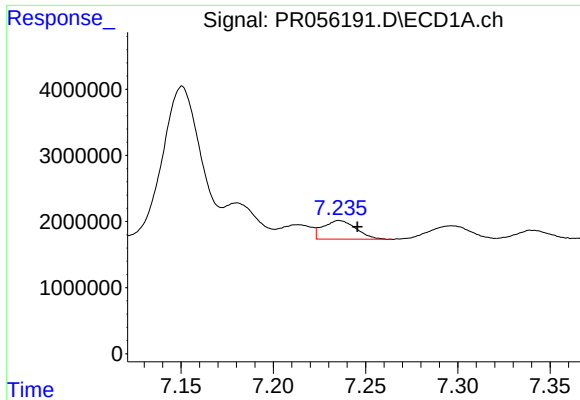
#32 AR-1260-2

R.T.: 6.838 min
Delta R.T.: -0.018 min
Response: 66243422
Conc: 535.36 ng/ml



#32 AR-1260-2

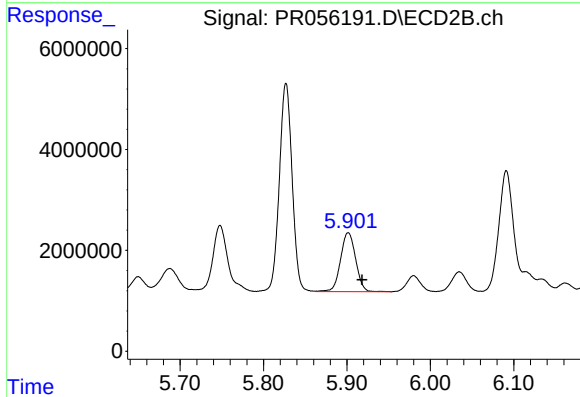
R.T.: 5.748 min
Delta R.T.: -0.013 min
Response: 16276519
Conc: 133.13 ng/ml



#33 AR-1260-3

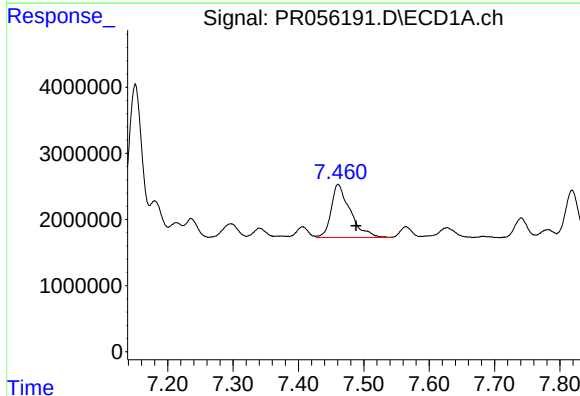
R.T.: 7.236 min
Delta R.T.: -0.010 min
Response: 3535123
Conc: 39.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



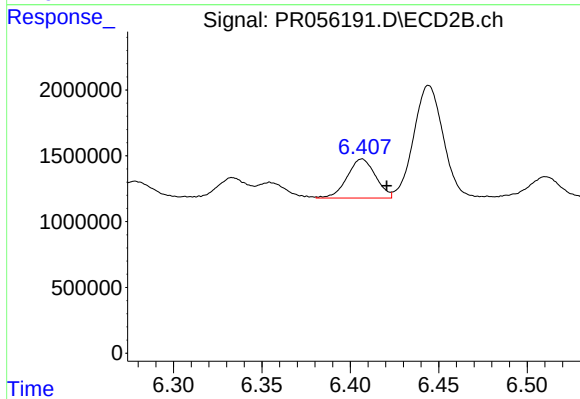
#33 AR-1260-3

R.T.: 5.902 min
Delta R.T.: -0.017 min
Response: 14768424
Conc: 130.58 ng/ml



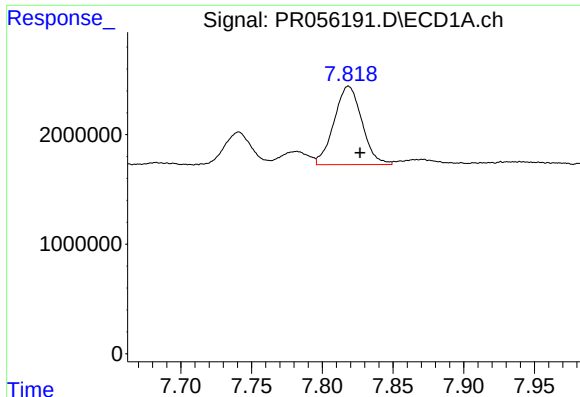
#34 AR-1260-4

R.T.: 7.461 min
Delta R.T.: -0.027 min
Response: 16277856
Conc: 158.55 ng/ml



#34 AR-1260-4

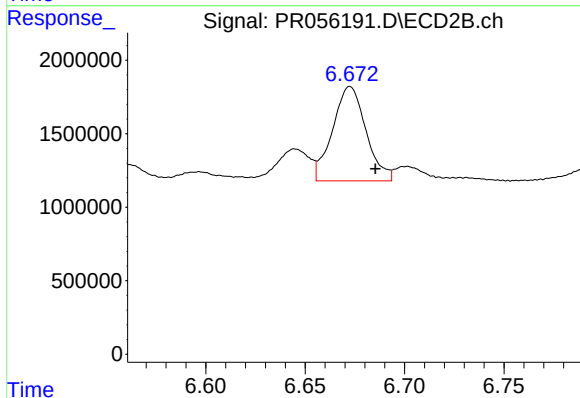
R.T.: 6.407 min
Delta R.T.: -0.014 min
Response: 3307641
Conc: 34.56 ng/ml



#35 AR-1260-5

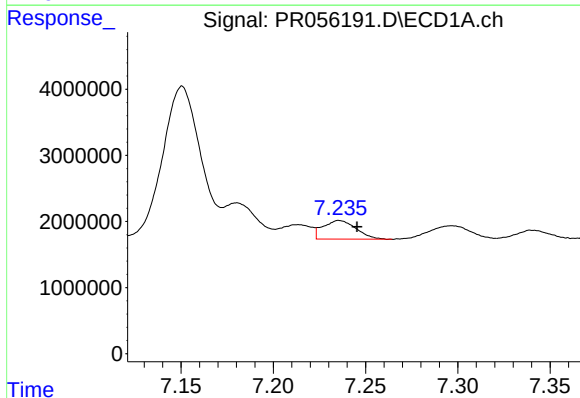
R.T.: 7.819 min
Delta R.T.: -0.008 min
Response: 9827563
Conc: 50.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



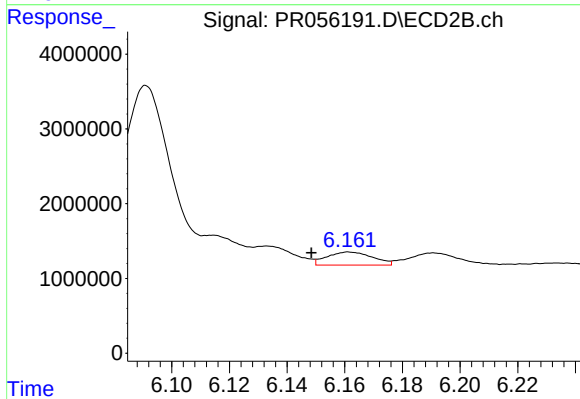
#35 AR-1260-5

R.T.: 6.673 min
Delta R.T.: -0.013 min
Response: 7522410
Conc: 33.50 ng/ml



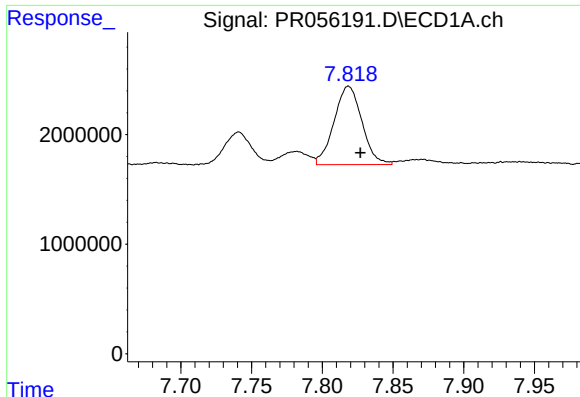
#36 AR-1262-1

R.T.: 7.236 min
Delta R.T.: -0.009 min
Response: 3535123
Conc: 28.44 ng/ml



#36 AR-1262-1

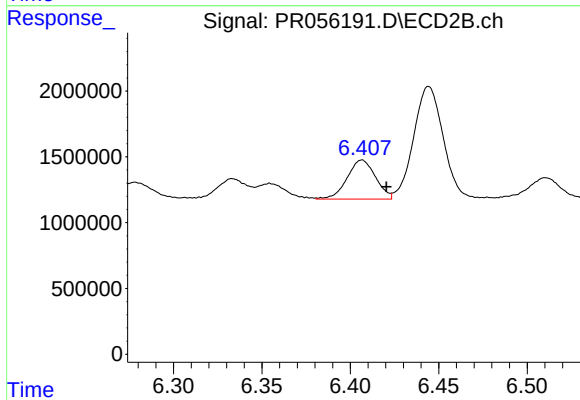
R.T.: 6.162 min
Delta R.T.: 0.013 min
Response: 1906806
Conc: 14.18 ng/ml



#37 AR-1262-2

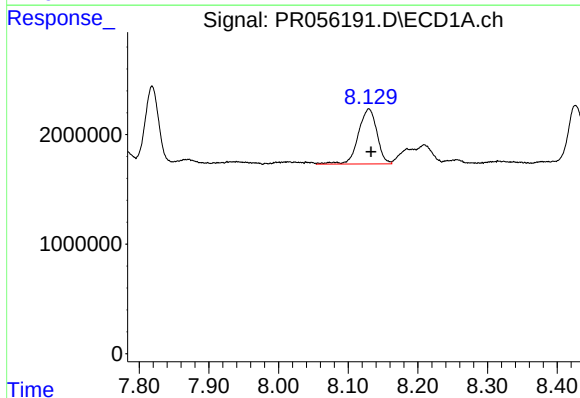
R.T.: 7.819 min
Delta R.T.: -0.008 min
Response: 9827563
Conc: 46.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



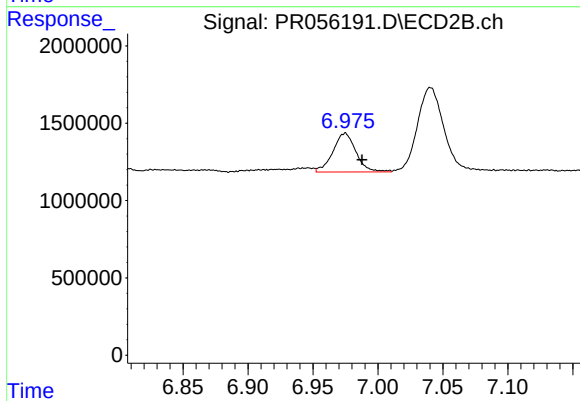
#37 AR-1262-2

R.T.: 6.407 min
Delta R.T.: -0.014 min
Response: 3307641
Conc: 27.10 ng/ml



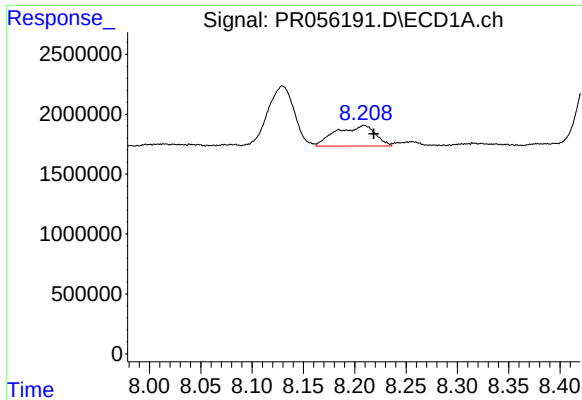
#38 AR-1262-3

R.T.: 8.130 min
Delta R.T.: -0.003 min
Response: 9304487
Conc: 63.10 ng/ml



#38 AR-1262-3

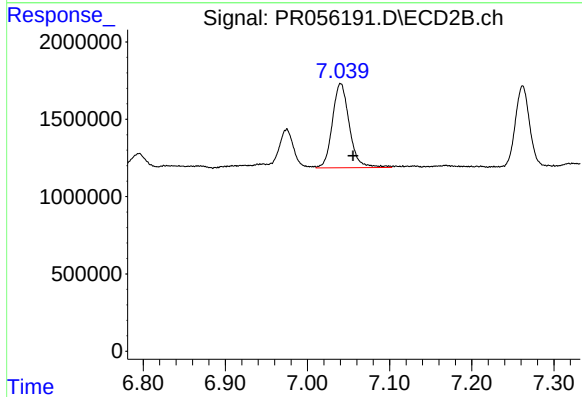
R.T.: 6.975 min
Delta R.T.: -0.013 min
Response: 3104776
Conc: 32.26 ng/ml



#39 AR-1262-4

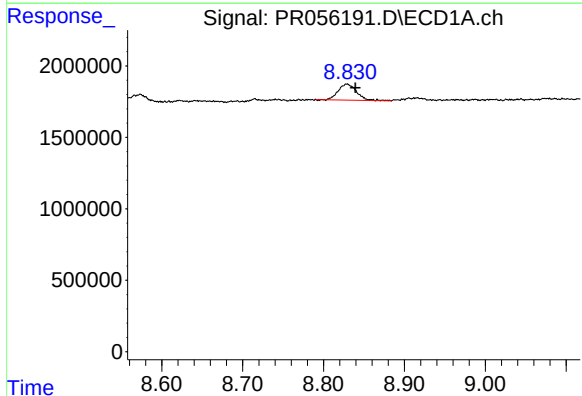
R.T.: 8.209 min
Delta R.T.: -0.009 min
Response: 4550930
Conc: 72.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



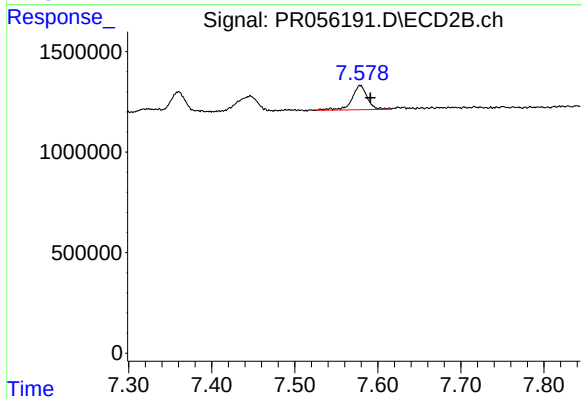
#39 AR-1262-4

R.T.: 7.040 min
Delta R.T.: -0.015 min
Response: 7818139
Conc: 42.97 ng/ml



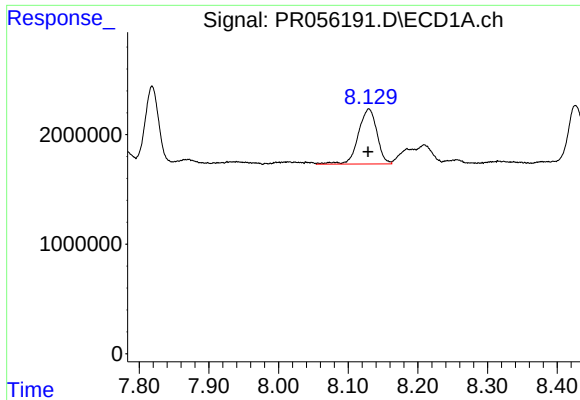
#40 AR-1262-5

R.T.: 8.829 min
Delta R.T.: -0.010 min
Response: 1766676
Conc: 22.30 ng/ml



#40 AR-1262-5

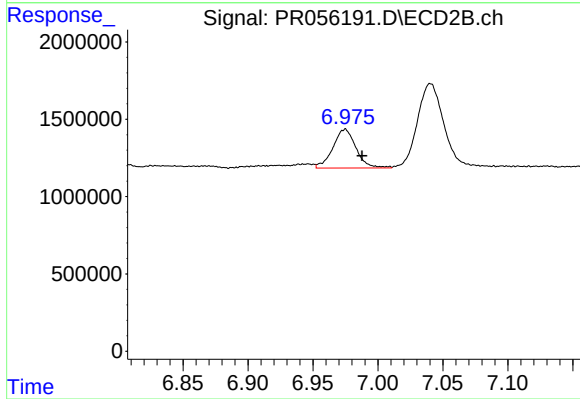
R.T.: 7.579 min
Delta R.T.: -0.012 min
Response: 1546853
Conc: 18.05 ng/ml



#41 AR-1268-1

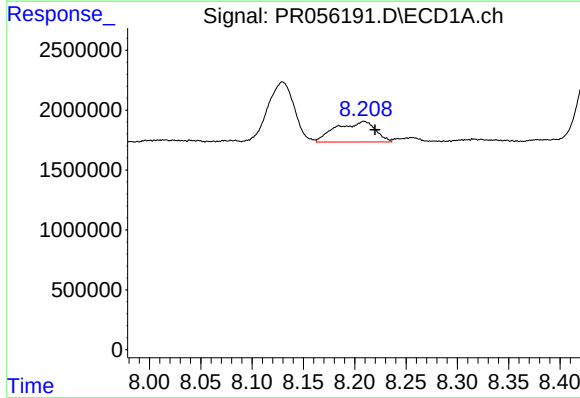
R.T.: 8.130 min
Delta R.T.: 0.001 min
Response: 9304487
Conc: 37.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



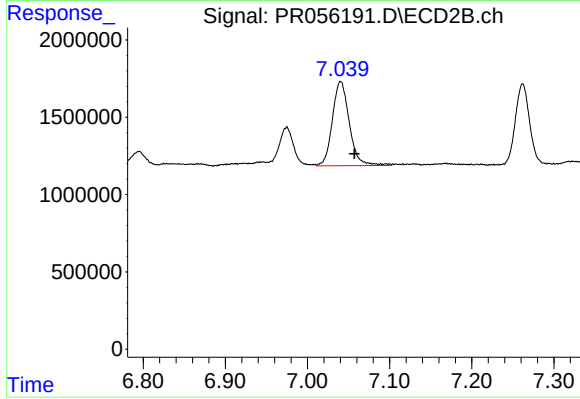
#41 AR-1268-1

R.T.: 6.975 min
Delta R.T.: -0.013 min
Response: 3104776
Conc: 11.04 ng/ml



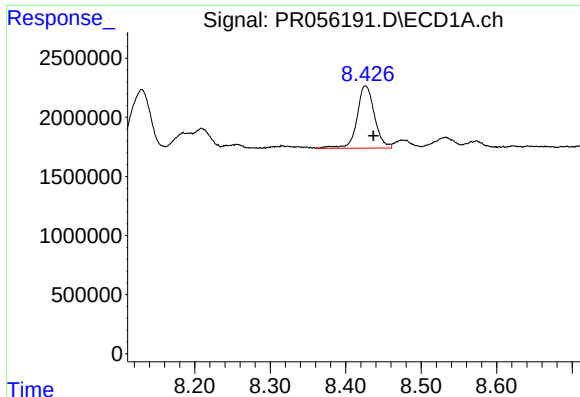
#42 AR-1268-2

R.T.: 8.209 min
Delta R.T.: -0.011 min
Response: 4550930
Conc: 19.93 ng/ml



#42 AR-1268-2

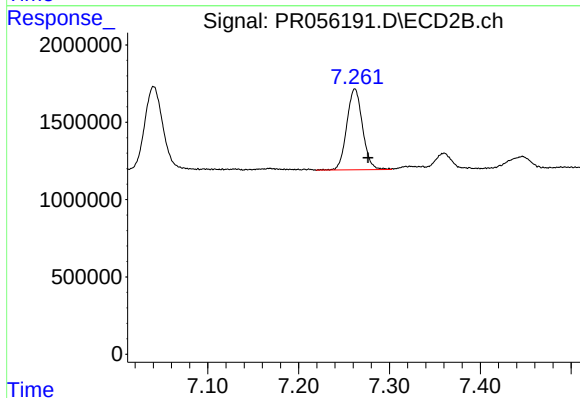
R.T.: 7.040 min
Delta R.T.: -0.017 min
Response: 7818139
Conc: 30.56 ng/ml



#43 AR-1268-3

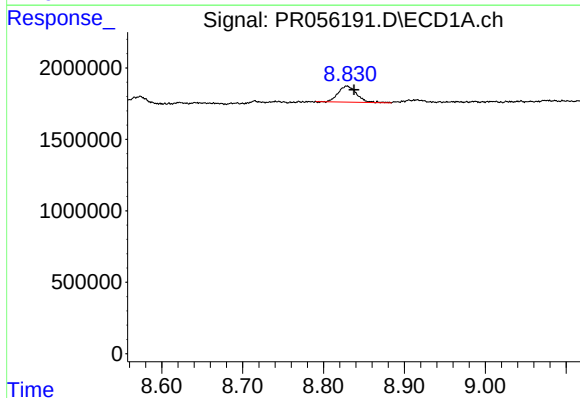
R.T.: 8.426 min
Delta R.T.: -0.010 min
Response: 8441412
Conc: 43.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



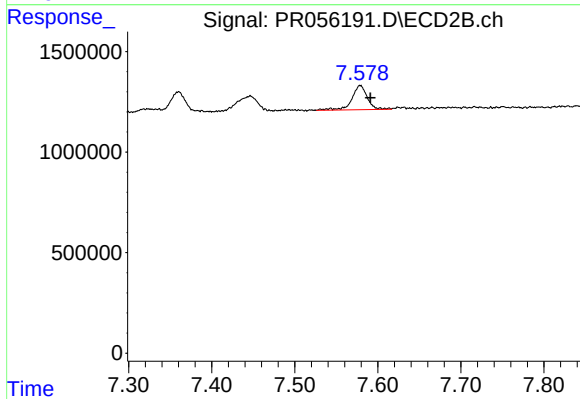
#43 AR-1268-3

R.T.: 7.262 min
Delta R.T.: -0.014 min
Response: 6281515
Conc: 29.19 ng/ml



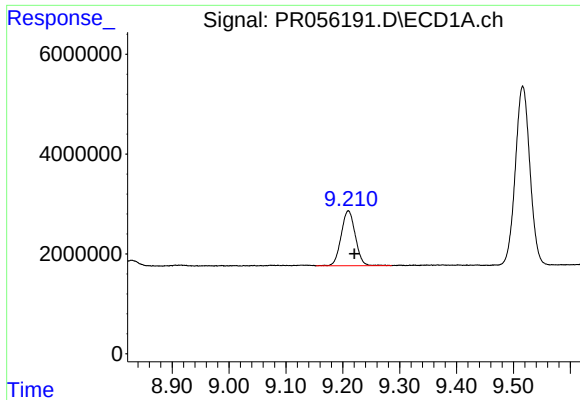
#44 AR-1268-4

R.T.: 8.829 min
Delta R.T.: -0.009 min
Response: 1766676
Conc: 20.03 ng/ml



#44 AR-1268-4

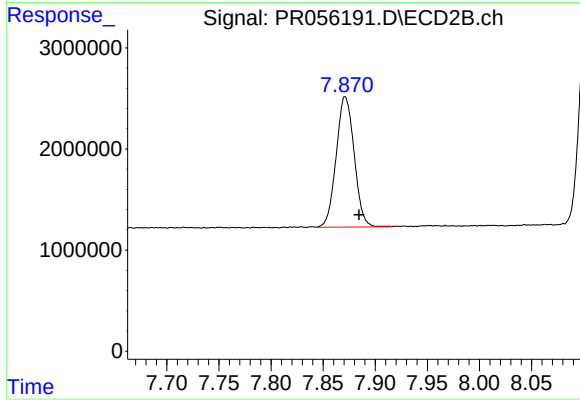
R.T.: 7.579 min
Delta R.T.: -0.012 min
Response: 1546853
Conc: 16.28 ng/ml



#45 AR-1268-5

R.T.: 9.210 min
Delta R.T.: -0.011 min
Response: 19070263
Conc: 31.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.871 min
Delta R.T.: -0.013 min
Response: 15478501
Conc: 22.72 ng/ml