

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081619\
 Data File : PR040429.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2019 18:14
 Operator : SM\AJ
 Sample : K3591-01
 Misc : AR1242 LOD 40 PPB
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 00:01:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 15 15:16:04 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.750	4.593	37704157	201.2E6	30.684	32.614
2)	SA Decachlor...	8.675	10.312	61884282	273.8E6	21.482	23.590
Target Compounds							
3)	L1 AR-1016-1	4.816	5.747	3792287	24193187	70.451	96.955 #
4)	L1 AR-1016-2	4.833	5.770	5710328	30766198	63.148	78.873
5)	L1 AR-1016-3	5.005	5.830	2220216	28452281	49.842	116.162 #
6)	L1 AR-1016-4	5.047	5.929	2157580	27981910	60.371	141.214 #
7)	L1 AR-1016-5	5.255	6.219	2538678	17027953	50.560	87.607 #
8)	L2 AR-1221-1	0.000	4.787	0	3394670	N.D.	42.386 #
9)	L2 AR-1221-2	4.044	4.893	908899	15676434	68.305	249.734 #
10)	L2 AR-1221-3	4.119	4.961	1401078	18983929	33.130	94.756 #
11)	L3 AR-1232-1	4.119	4.961	1401078	18983929	30.656	91.309 #
12)	L3 AR-1232-2	4.833	5.485	5710328	21859351	92.110	192.259 #
13)	L3 AR-1232-3	5.005	5.770	2220216	30766198	76.057	120.651 #
14)	L3 AR-1232-4	5.088	5.929	2836032	27981910	108.986	217.195 #
15)	L3 AR-1232-5	5.255	6.015	2538678	21687418	84.001	238.523 #
16)	L4 AR-1242-1	4.816	5.747	3792287	24193187	75.005	100.075 #
17)	L4 AR-1242-2	4.833	5.770	5710328	30766198	67.001	82.986
18)	L4 AR-1242-3	5.005	5.830	2220216	28452281	52.234	125.162 #
19)	L4 AR-1242-4	5.088	5.929	2836032	27981910	68.590	148.037 #
20)	L4 AR-1242-5	5.598	6.655	3021400	15859382	49.205	68.914 #
21)	L5 AR-1248-1	4.816	5.747	3792287	24193187	100.845	144.524 #
22)	L5 AR-1248-2	5.047	6.015	2157580	21687418	40.057	88.528 #
23)	L5 AR-1248-3	5.088	6.219	2836032	17027953	50.697	59.269
24)	L5 AR-1248-4	5.255	6.617	2538678	12875106	35.717	35.872
25)	L5 AR-1248-5	5.640	6.655	1998748	15859382	25.861	45.817 #
26)	L6 AR-1254-1	5.598	6.589	3021400	10582146	22.255	26.805
27)	L6 AR-1254-2	5.741	6.812	781314	13219816	6.549	20.910 #
28)	L6 AR-1254-3	6.141	7.169	922902	4601892	4.335	6.370 #
29)	L6 AR-1254-4	6.364	7.451	992271	6684969	6.020	12.173 #
30)	L6 AR-1254-5	0.000	7.863	0	2305157	N.D.	3.863 #
31)	L7 AR-1260-1	0.000	7.292	0	1259091	N.D.	3.059 #
32)	L7 AR-1260-2	0.000	7.581	0	4228934	N.D.	8.321 #
33)	L7 AR-1260-3	6.676	0.000	750370	0	5.590	N.D. #
34)	L7 AR-1260-4	0.000	8.162	0	518957	N.D.	1.088 #
35)	L7 AR-1260-5	0.000	8.499	0	1003321	N.D.	0.967 #
37)	L8 AR-1262-2	0.000	8.499	0	1003321	N.D.	0.843 #
38)	L8 AR-1262-3	0.000	8.823	0	4296853	N.D.	5.309 #
40)	L8 AR-1262-5	0.000	9.577	0	3738327	N.D.	7.915 #
41)	L9 AR-1268-1	0.000	8.823	0	4296853	N.D.	3.283 #
43)	L9 AR-1268-3	0.000	9.128	0	7472351	N.D.	7.083 #
44)	L9 AR-1268-4	0.000	9.577	0	3738327	N.D.	7.621 #

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 Integration File signal 2: autoint2.e
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081519.M
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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
45) L9	AR-1268-5	0.000	9.975	0	4726615	N.D.	1.198 #

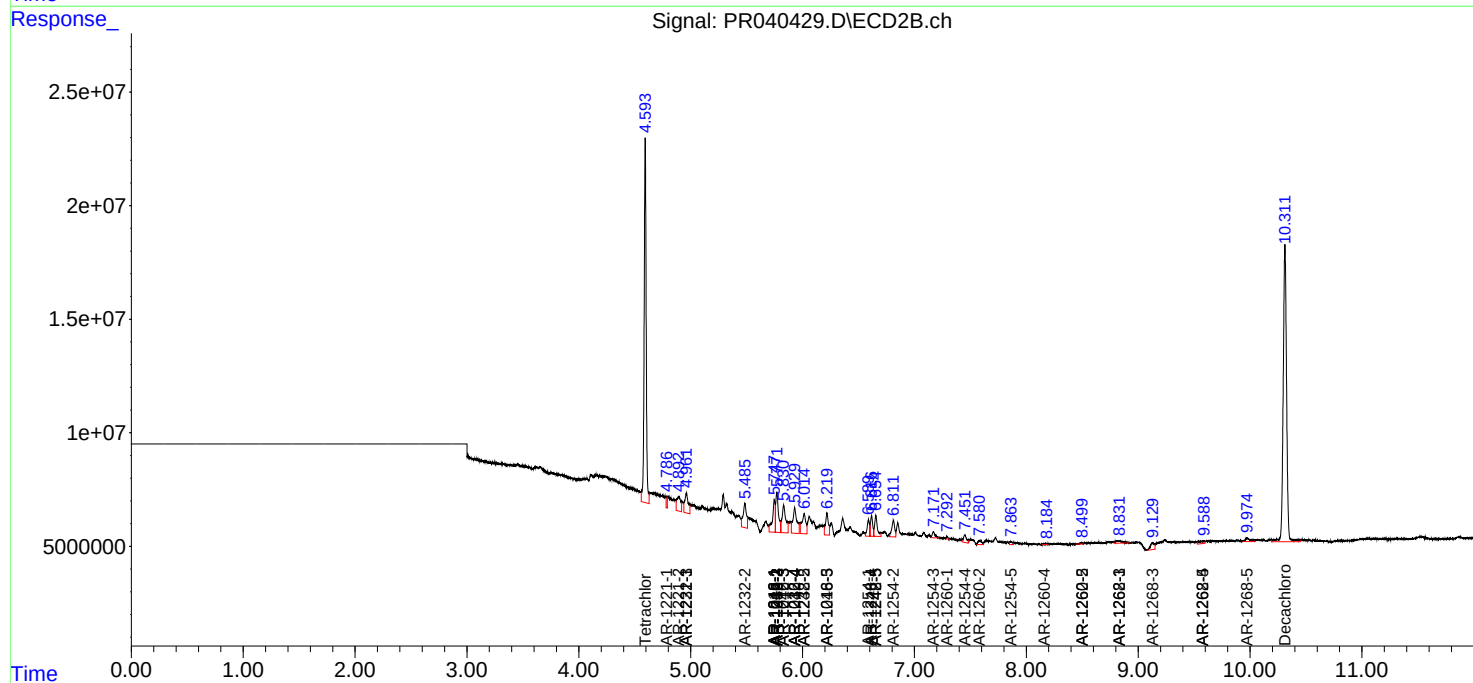
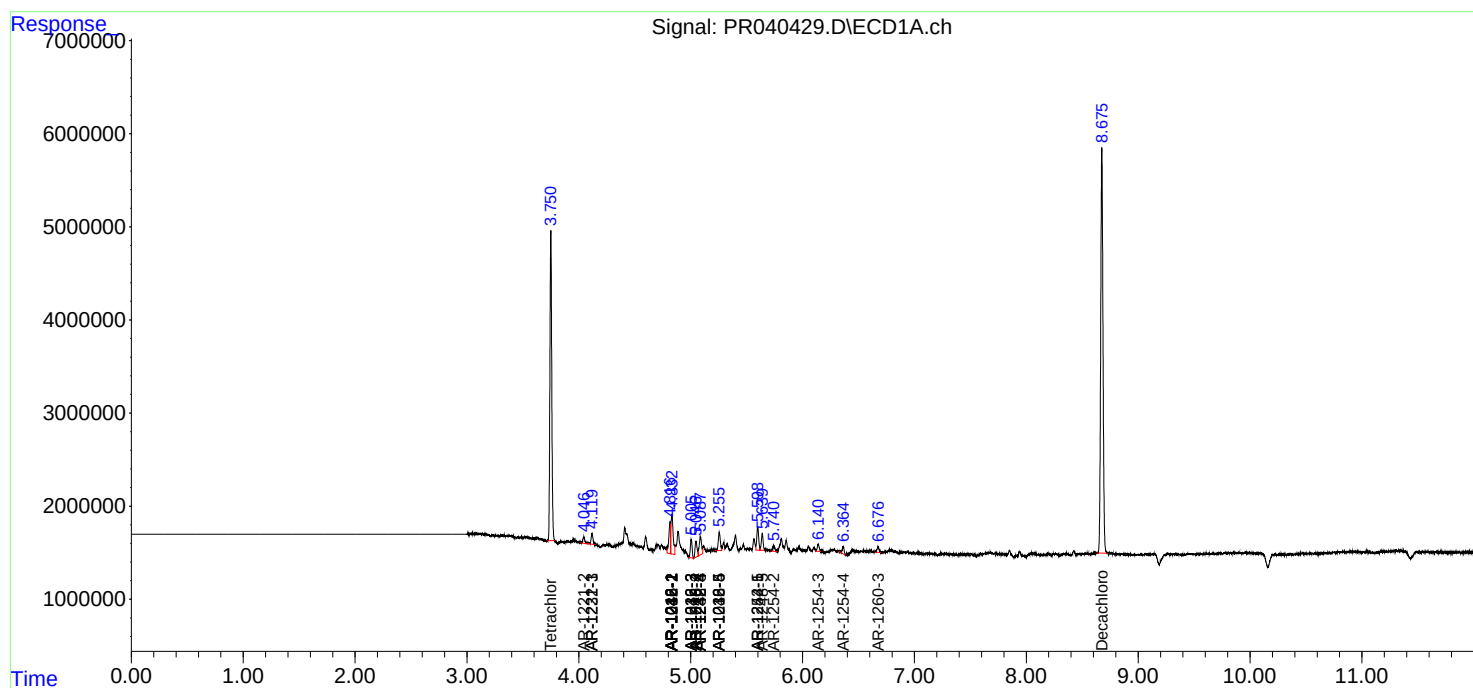
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

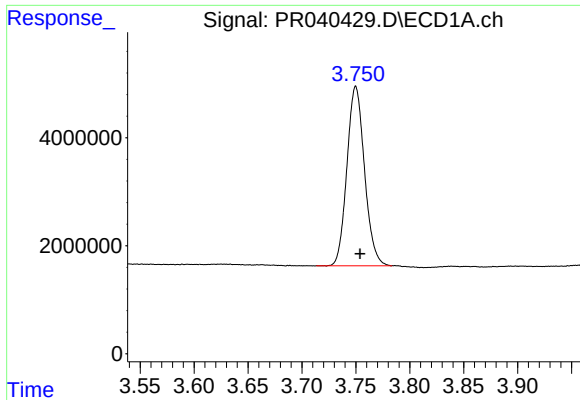
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081619\
Data File : PR040429.D
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Sample : K3591-01
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081519.M
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

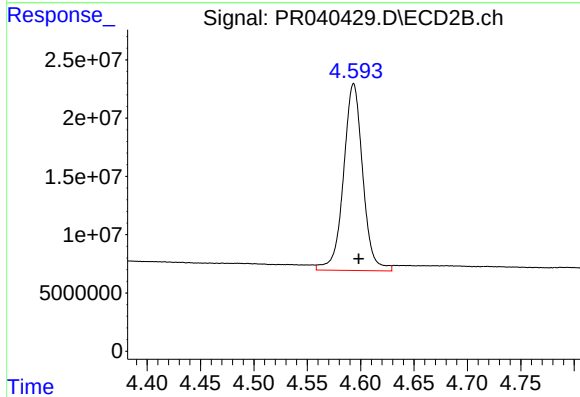




#1 Tetrachloro-m-xylene

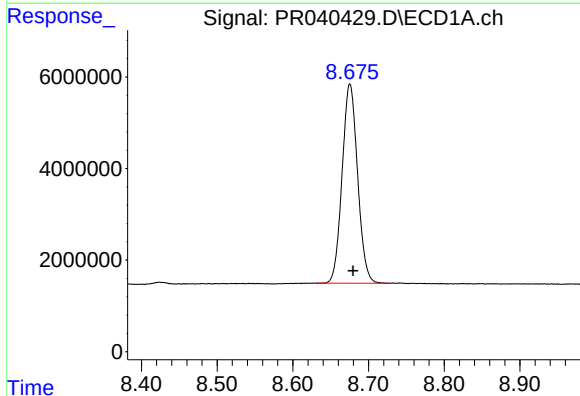
R.T.: 3.750 min
Delta R.T.: -0.004 min
Response: 37704157
Conc: 30.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



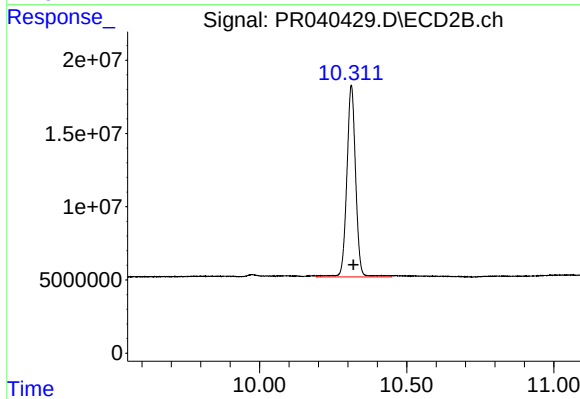
#1 Tetrachloro-m-xylene

R.T.: 4.593 min
Delta R.T.: -0.005 min
Response: 201153531
Conc: 32.61 ng/ml



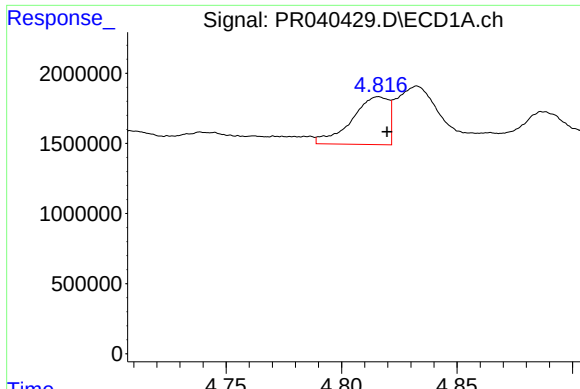
#2 Decachlorobiphenyl

R.T.: 8.675 min
Delta R.T.: -0.004 min
Response: 61884282
Conc: 21.48 ng/ml



#2 Decachlorobiphenyl

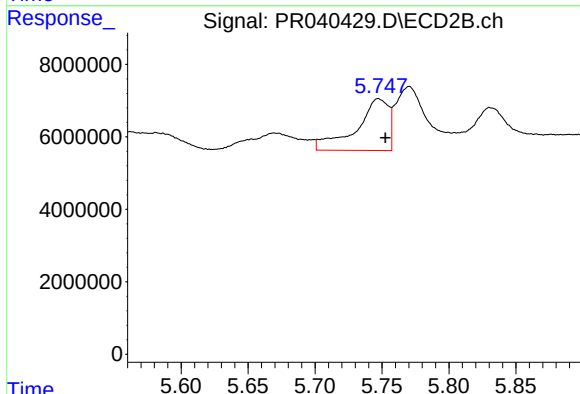
R.T.: 10.312 min
Delta R.T.: -0.007 min
Response: 273800144
Conc: 23.59 ng/ml



#3 AR-1016-1

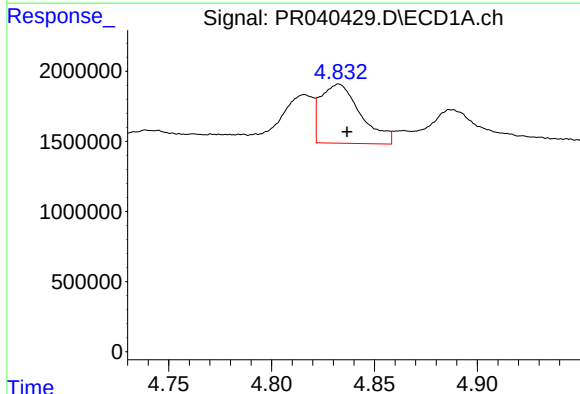
R.T.: 4.816 min
Delta R.T.: -0.004 min
Response: 3792287
Conc: 70.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



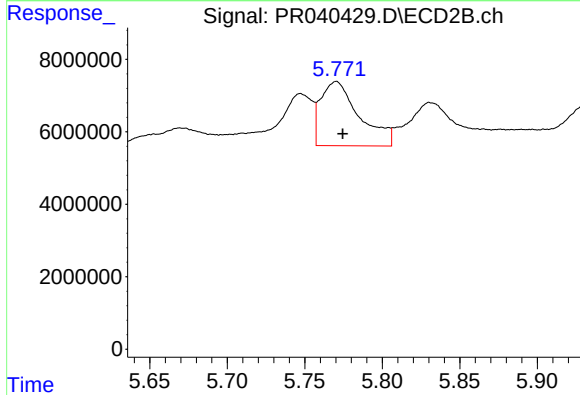
#3 AR-1016-1

R.T.: 5.747 min
Delta R.T.: -0.005 min
Response: 24193187
Conc: 96.95 ng/ml



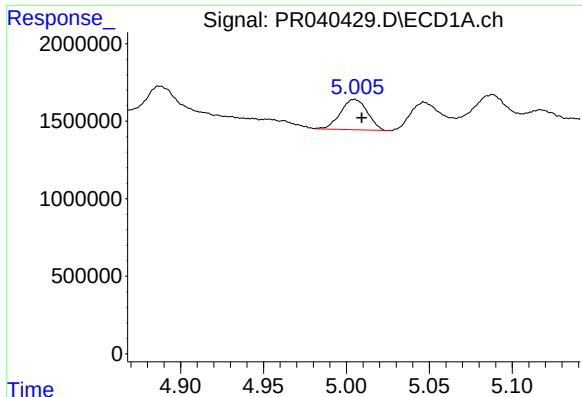
#4 AR-1016-2

R.T.: 4.833 min
Delta R.T.: -0.004 min
Response: 5710328
Conc: 63.15 ng/ml



#4 AR-1016-2

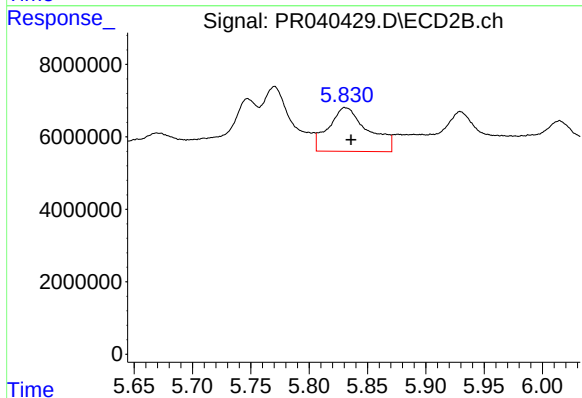
R.T.: 5.770 min
Delta R.T.: -0.004 min
Response: 30766198
Conc: 78.87 ng/ml



#5 AR-1016-3

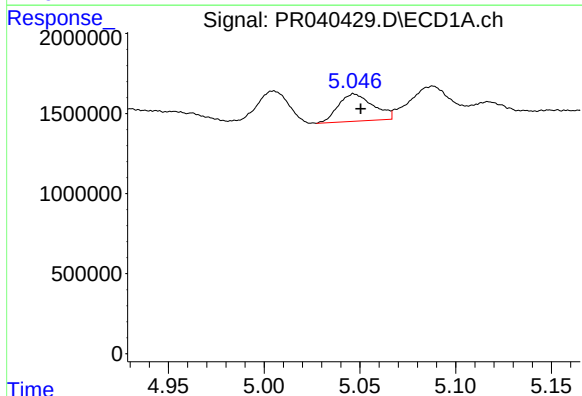
R.T.: 5.005 min
Delta R.T.: -0.004 min
Response: 2220216
Conc: 49.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



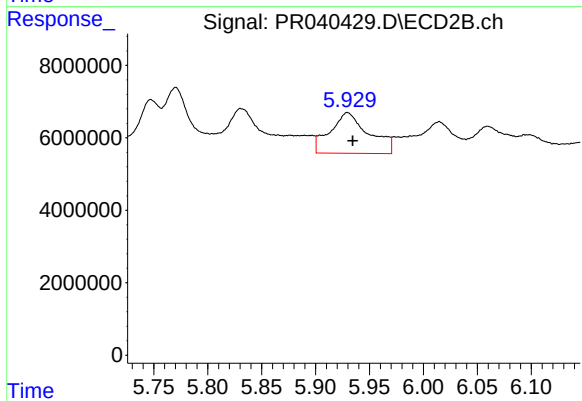
#5 AR-1016-3

R.T.: 5.830 min
Delta R.T.: -0.006 min
Response: 28452281
Conc: 116.16 ng/ml



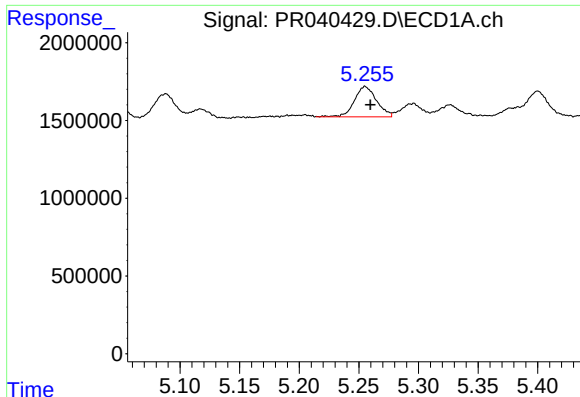
#6 AR-1016-4

R.T.: 5.047 min
Delta R.T.: -0.004 min
Response: 2157580
Conc: 60.37 ng/ml



#6 AR-1016-4

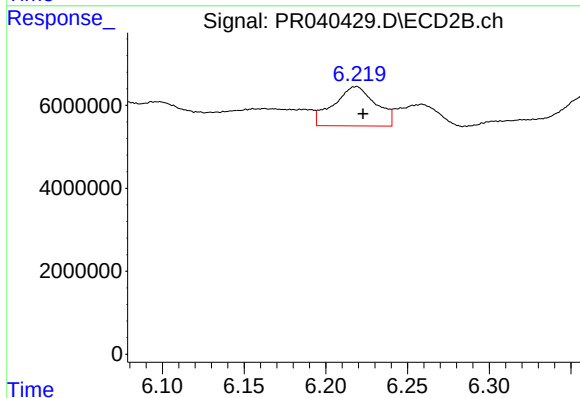
R.T.: 5.929 min
Delta R.T.: -0.005 min
Response: 27981910
Conc: 141.21 ng/ml



#7 AR-1016-5

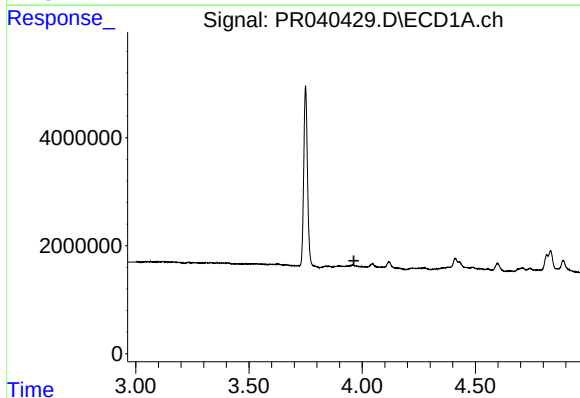
R.T.: 5.255 min
Delta R.T.: -0.004 min
Response: 2538678
Conc: 50.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



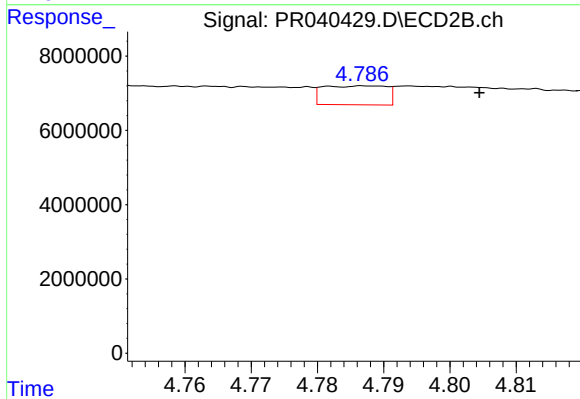
#7 AR-1016-5

R.T.: 6.219 min
Delta R.T.: -0.004 min
Response: 17027953
Conc: 87.61 ng/ml



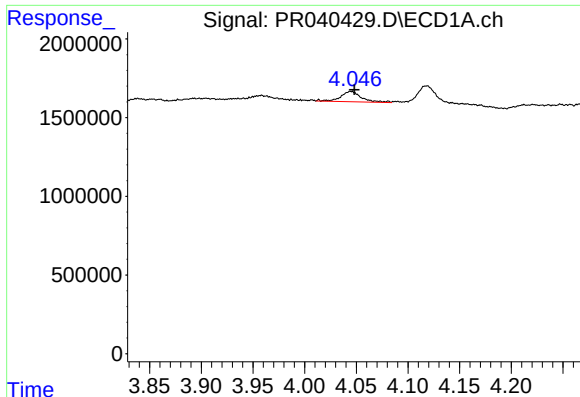
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.963 min
Response: 0
Conc: N.D.



#8 AR-1221-1

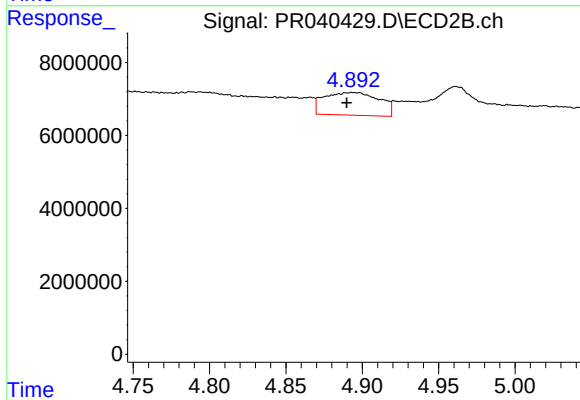
R.T.: 4.787 min
Delta R.T.: -0.017 min
Response: 3394670
Conc: 42.39 ng/ml



#9 AR-1221-2

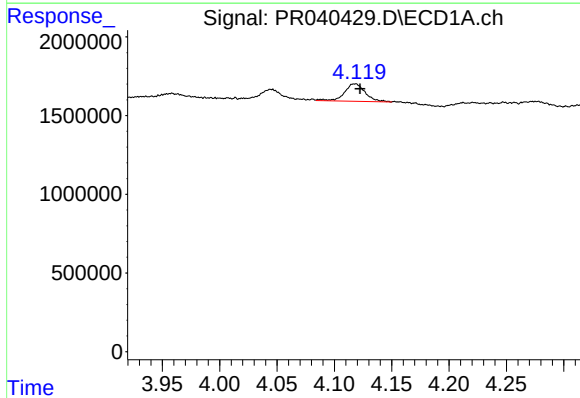
R.T.: 4.044 min
Delta R.T.: -0.004 min
Response: 908899
Conc: 68.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



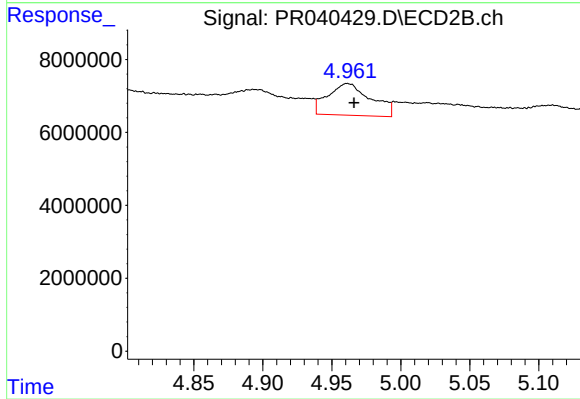
#9 AR-1221-2

R.T.: 4.893 min
Delta R.T.: 0.003 min
Response: 15676434
Conc: 249.73 ng/ml



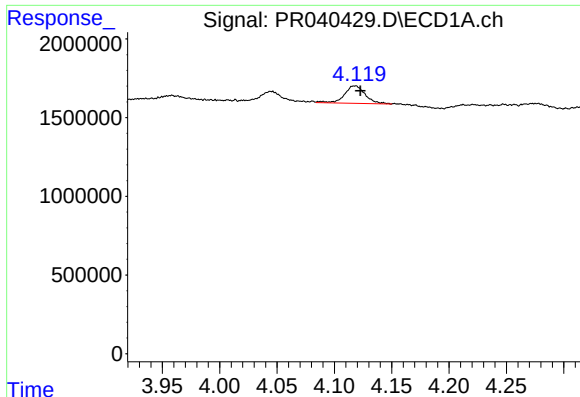
#10 AR-1221-3

R.T.: 4.119 min
Delta R.T.: -0.004 min
Response: 1401078
Conc: 33.13 ng/ml



#10 AR-1221-3

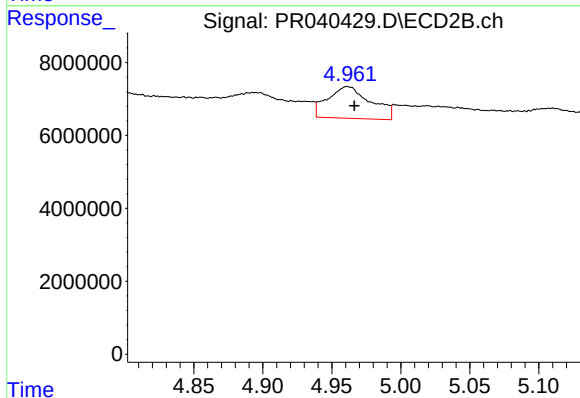
R.T.: 4.961 min
Delta R.T.: -0.005 min
Response: 18983929
Conc: 94.76 ng/ml



#11 AR-1232-1

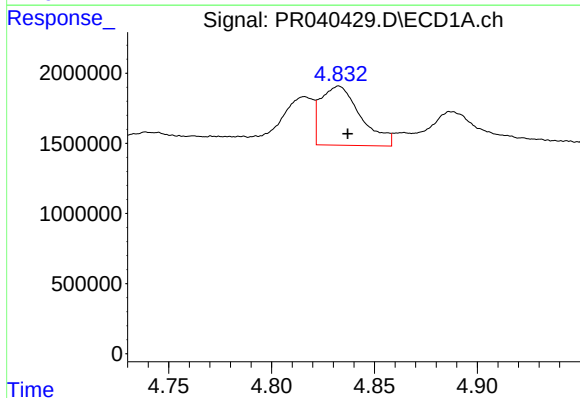
R.T.: 4.119 min
Delta R.T.: -0.004 min
Response: 1401078
Conc: 30.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



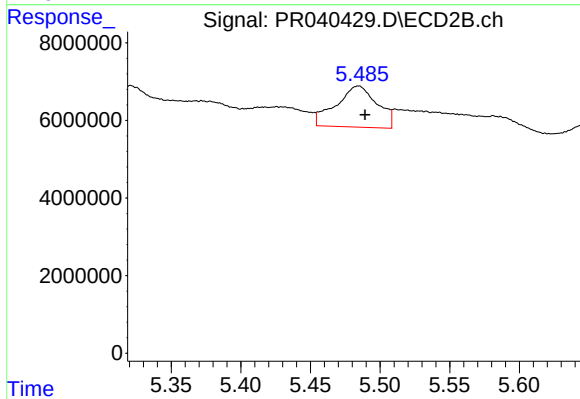
#11 AR-1232-1

R.T.: 4.961 min
Delta R.T.: -0.005 min
Response: 18983929
Conc: 91.31 ng/ml



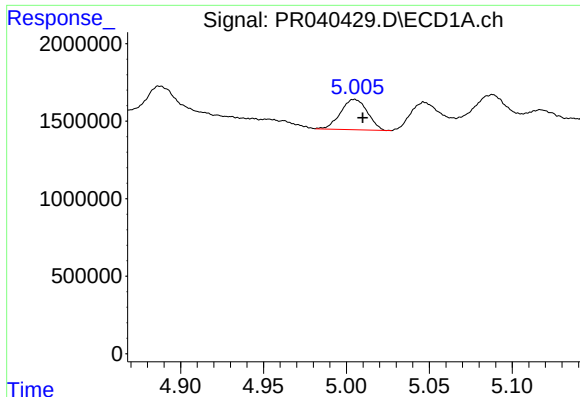
#12 AR-1232-2

R.T.: 4.833 min
Delta R.T.: -0.004 min
Response: 5710328
Conc: 92.11 ng/ml



#12 AR-1232-2

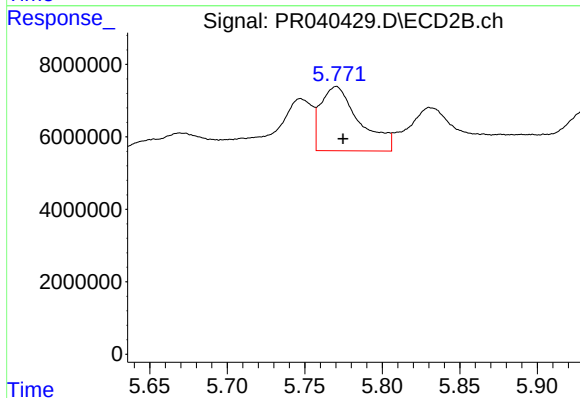
R.T.: 5.485 min
Delta R.T.: -0.004 min
Response: 21859351
Conc: 192.26 ng/ml



#13 AR-1232-3

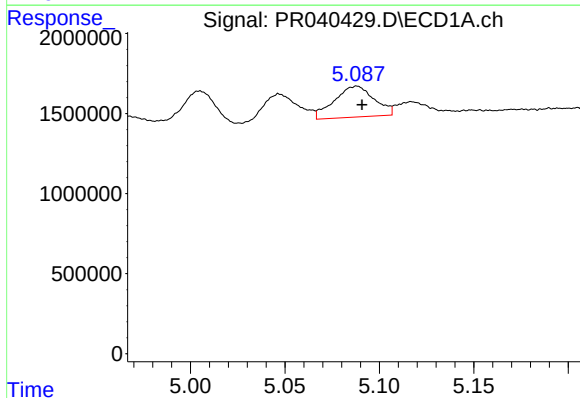
R.T.: 5.005 min
Delta R.T.: -0.005 min
Response: 2220216
Conc: 76.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



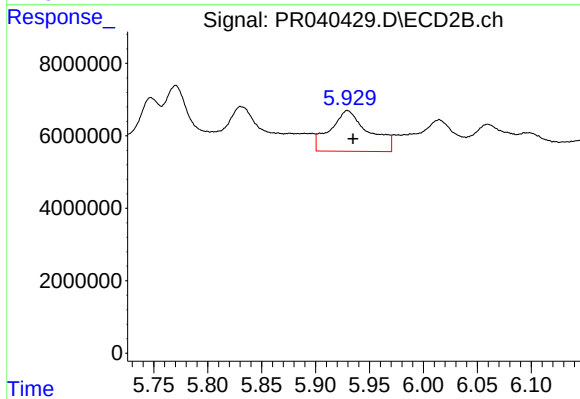
#13 AR-1232-3

R.T.: 5.770 min
Delta R.T.: -0.004 min
Response: 30766198
Conc: 120.65 ng/ml



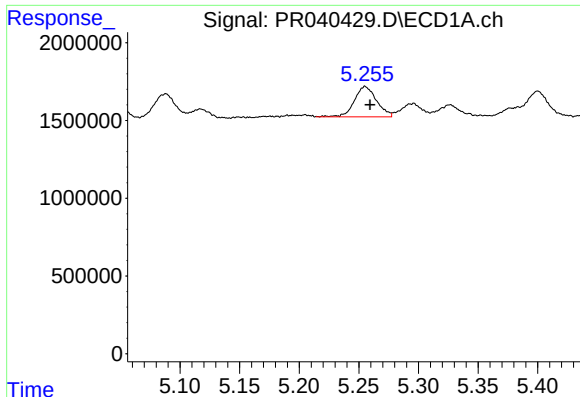
#14 AR-1232-4

R.T.: 5.088 min
Delta R.T.: -0.003 min
Response: 2836032
Conc: 108.99 ng/ml



#14 AR-1232-4

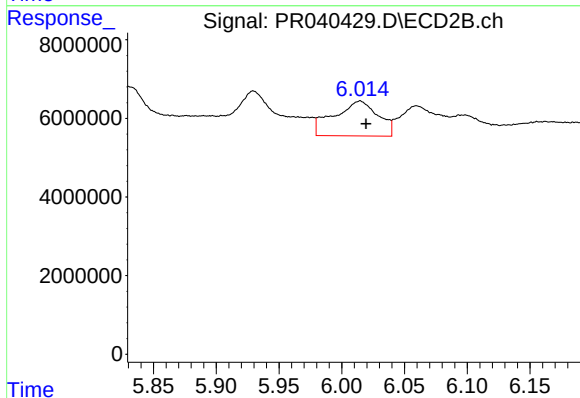
R.T.: 5.929 min
Delta R.T.: -0.005 min
Response: 27981910
Conc: 217.20 ng/ml



#15 AR-1232-5

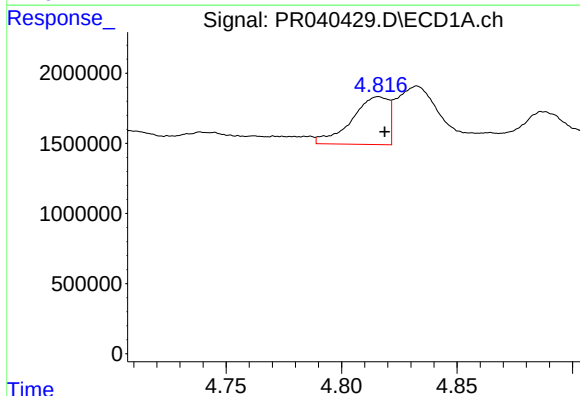
R.T.: 5.255 min
Delta R.T.: -0.004 min
Response: 2538678
Conc: 84.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



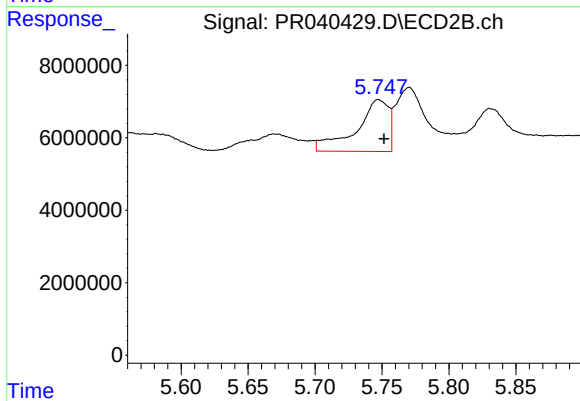
#15 AR-1232-5

R.T.: 6.015 min
Delta R.T.: -0.005 min
Response: 21687418
Conc: 238.52 ng/ml



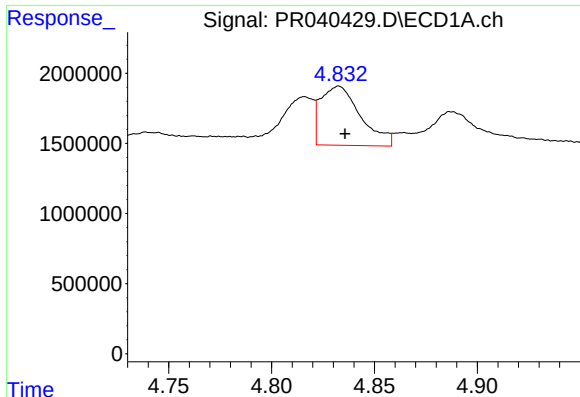
#16 AR-1242-1

R.T.: 4.816 min
Delta R.T.: -0.003 min
Response: 3792287
Conc: 75.00 ng/ml



#16 AR-1242-1

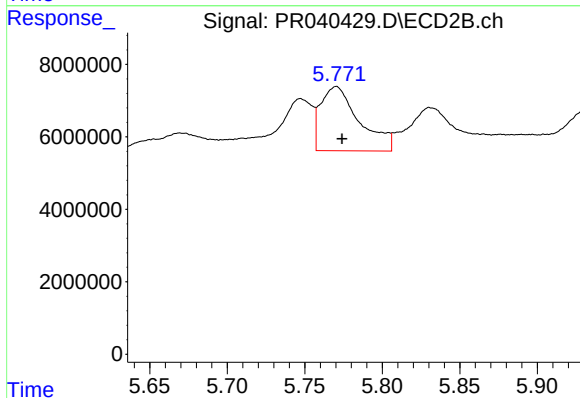
R.T.: 5.747 min
Delta R.T.: -0.004 min
Response: 24193187
Conc: 100.07 ng/ml



#17 AR-1242-2

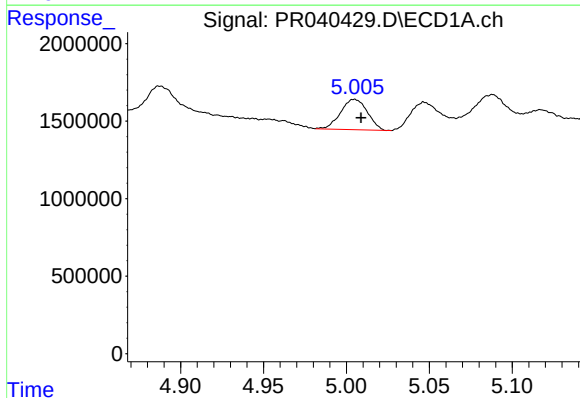
R.T.: 4.833 min
Delta R.T.: -0.003 min
Response: 5710328
Conc: 67.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



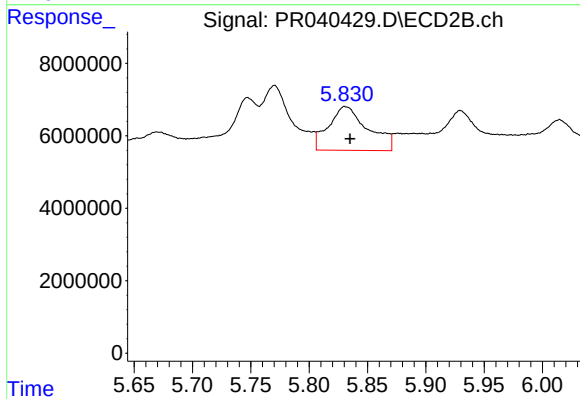
#17 AR-1242-2

R.T.: 5.770 min
Delta R.T.: -0.004 min
Response: 30766198
Conc: 82.99 ng/ml



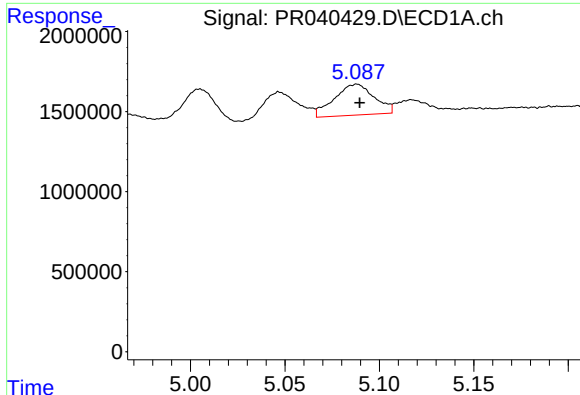
#18 AR-1242-3

R.T.: 5.005 min
Delta R.T.: -0.004 min
Response: 2220216
Conc: 52.23 ng/ml



#18 AR-1242-3

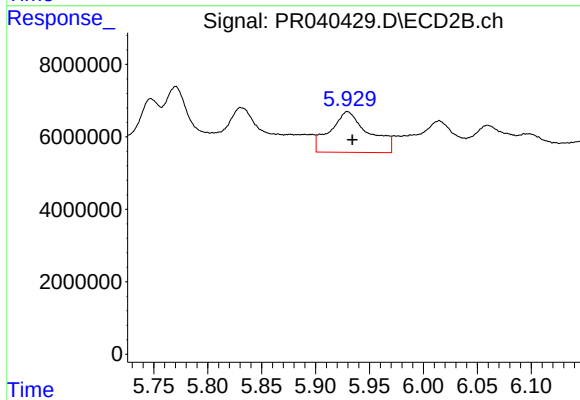
R.T.: 5.830 min
Delta R.T.: -0.005 min
Response: 28452281
Conc: 125.16 ng/ml



#19 AR-1242-4

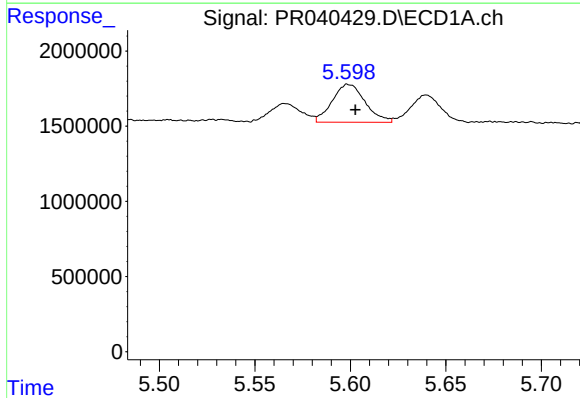
R.T.: 5.088 min
Delta R.T.: -0.001 min
Response: 2836032
Conc: 68.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



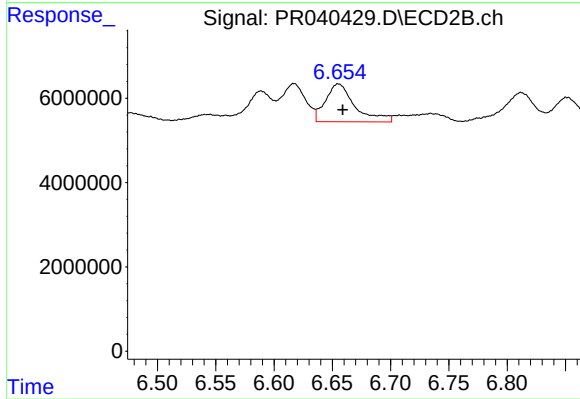
#19 AR-1242-4

R.T.: 5.929 min
Delta R.T.: -0.005 min
Response: 27981910
Conc: 148.04 ng/ml



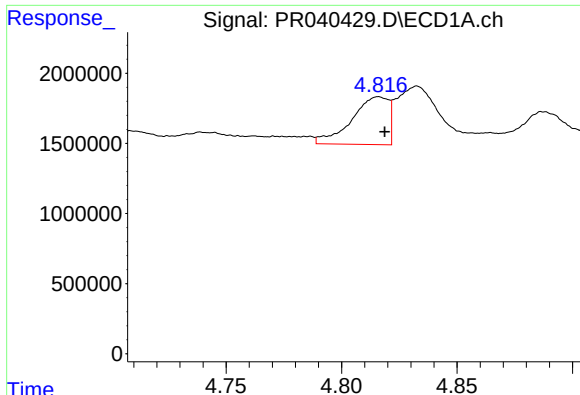
#20 AR-1242-5

R.T.: 5.598 min
Delta R.T.: -0.004 min
Response: 3021400
Conc: 49.20 ng/ml



#20 AR-1242-5

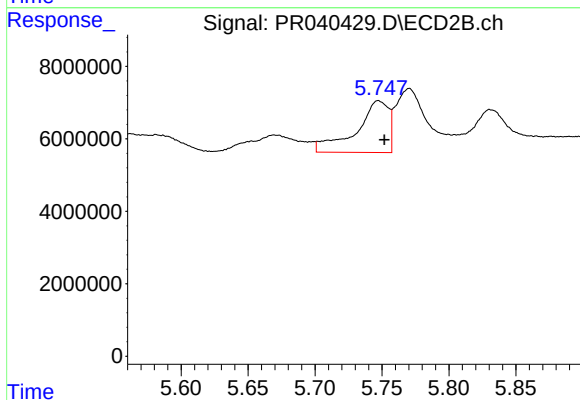
R.T.: 6.655 min
Delta R.T.: -0.004 min
Response: 15859382
Conc: 68.91 ng/ml



#21 AR-1248-1

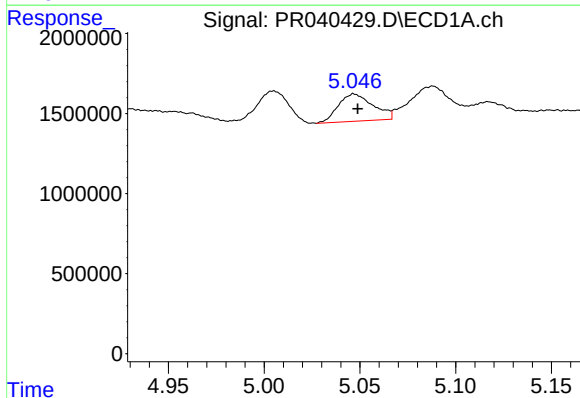
R.T.: 4.816 min
Delta R.T.: -0.003 min
Response: 3792287
Conc: 100.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



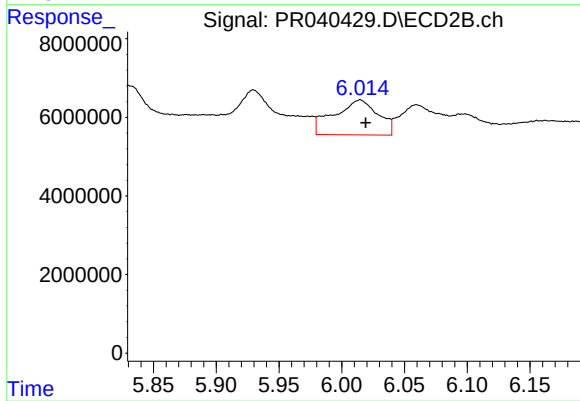
#21 AR-1248-1

R.T.: 5.747 min
Delta R.T.: -0.005 min
Response: 24193187
Conc: 144.52 ng/ml



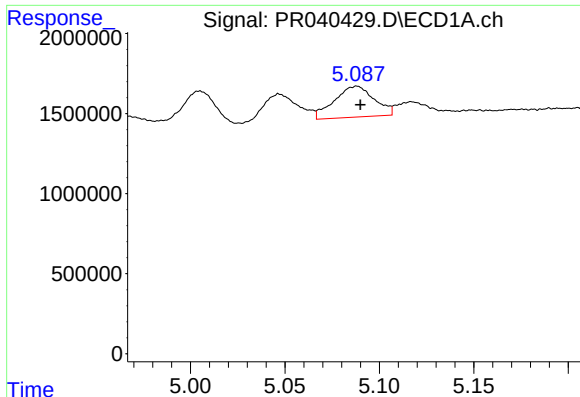
#22 AR-1248-2

R.T.: 5.047 min
Delta R.T.: -0.002 min
Response: 2157580
Conc: 40.06 ng/ml



#22 AR-1248-2

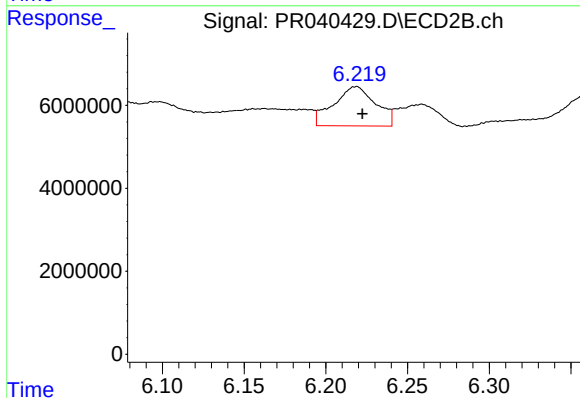
R.T.: 6.015 min
Delta R.T.: -0.004 min
Response: 21687418
Conc: 88.53 ng/ml



#23 AR-1248-3

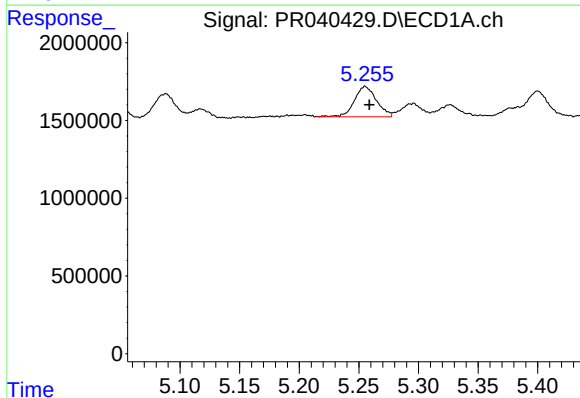
R.T.: 5.088 min
Delta R.T.: -0.002 min
Response: 2836032
Conc: 50.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



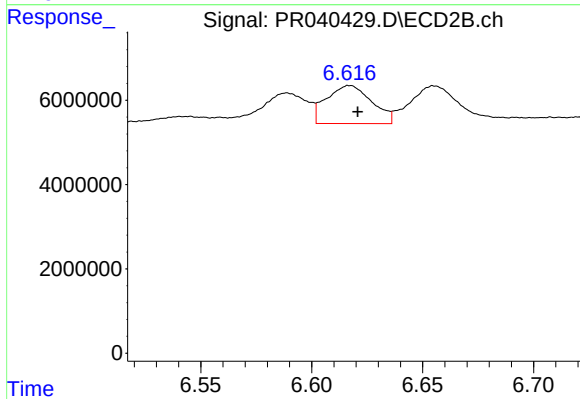
#23 AR-1248-3

R.T.: 6.219 min
Delta R.T.: -0.003 min
Response: 17027953
Conc: 59.27 ng/ml



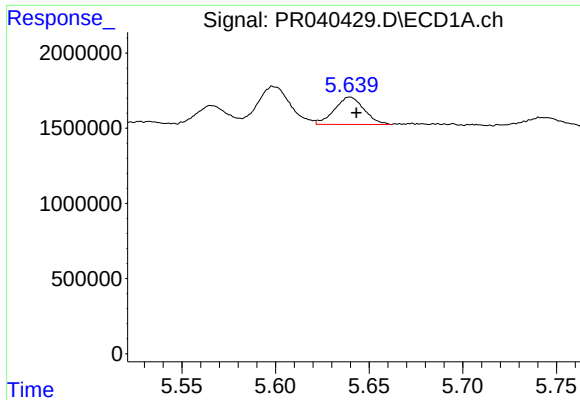
#24 AR-1248-4

R.T.: 5.255 min
Delta R.T.: -0.004 min
Response: 2538678
Conc: 35.72 ng/ml



#24 AR-1248-4

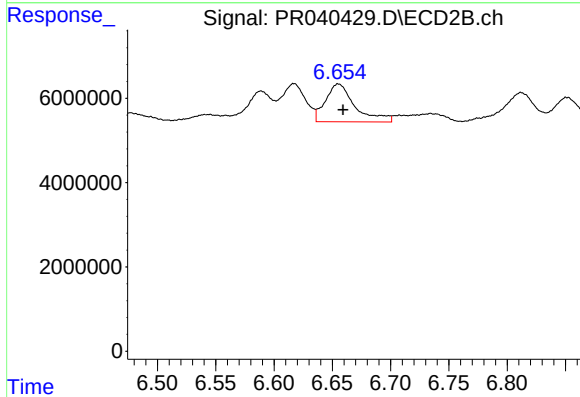
R.T.: 6.617 min
Delta R.T.: -0.004 min
Response: 12875106
Conc: 35.87 ng/ml



#25 AR-1248-5

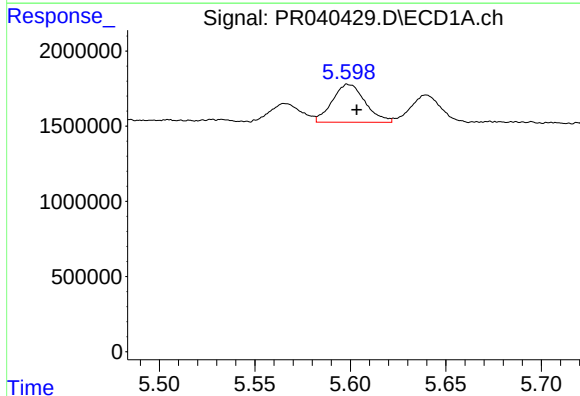
R.T.: 5.640 min
Delta R.T.: -0.003 min
Response: 1998748
Conc: 25.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



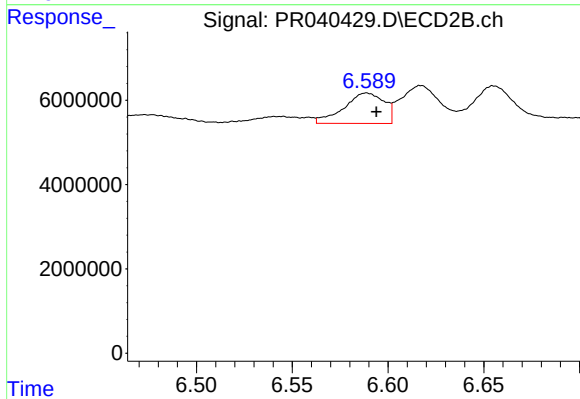
#25 AR-1248-5

R.T.: 6.655 min
Delta R.T.: -0.004 min
Response: 15859382
Conc: 45.82 ng/ml



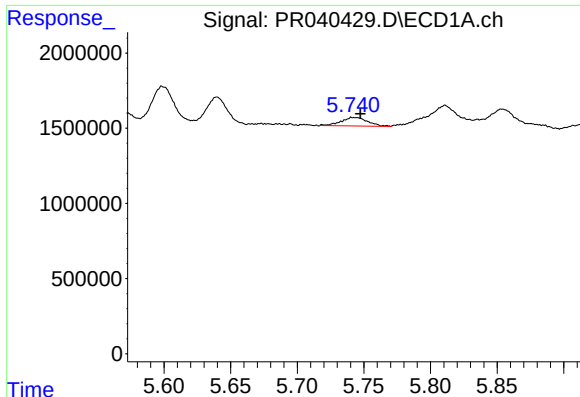
#26 AR-1254-1

R.T.: 5.598 min
Delta R.T.: -0.005 min
Response: 3021400
Conc: 22.26 ng/ml



#26 AR-1254-1

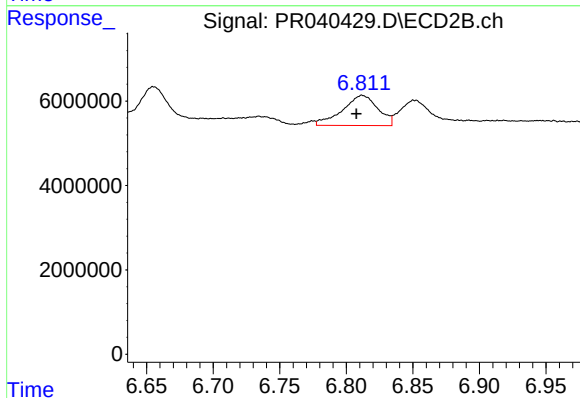
R.T.: 6.589 min
Delta R.T.: -0.005 min
Response: 10582146
Conc: 26.81 ng/ml



#27 AR-1254-2

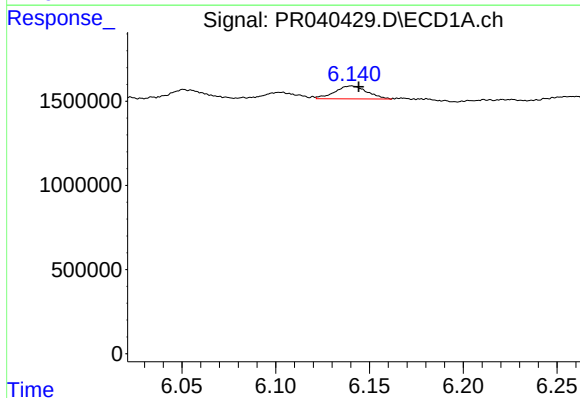
R.T.: 5.741 min
Delta R.T.: -0.006 min
Response: 781314
Conc: 6.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



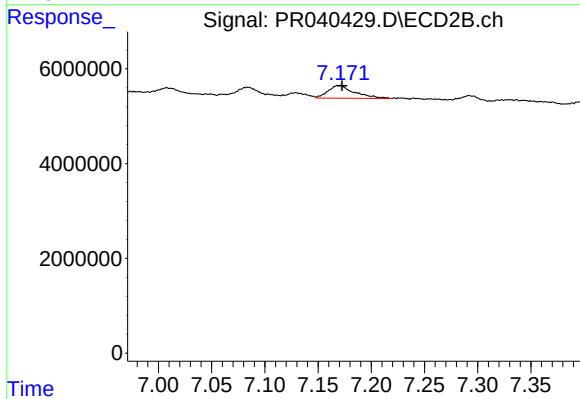
#27 AR-1254-2

R.T.: 6.812 min
Delta R.T.: 0.004 min
Response: 13219816
Conc: 20.91 ng/ml



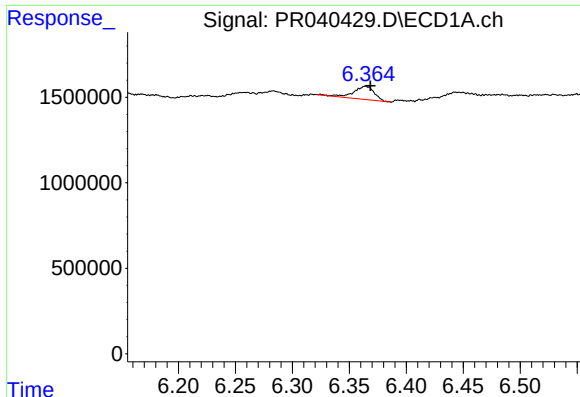
#28 AR-1254-3

R.T.: 6.141 min
Delta R.T.: -0.004 min
Response: 922902
Conc: 4.34 ng/ml



#28 AR-1254-3

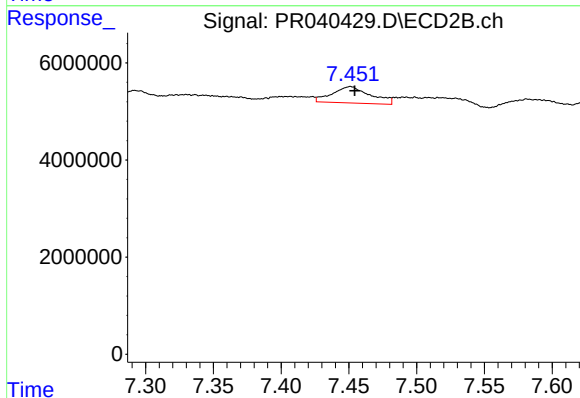
R.T.: 7.169 min
Delta R.T.: -0.004 min
Response: 4601892
Conc: 6.37 ng/ml



#29 AR-1254-4

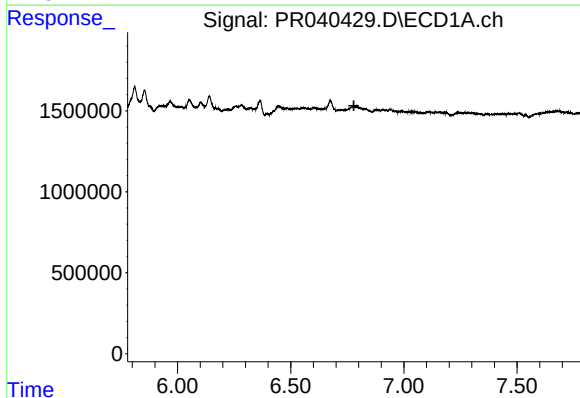
R.T.: 6.364 min
Delta R.T.: -0.004 min
Response: 992271
Conc: 6.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



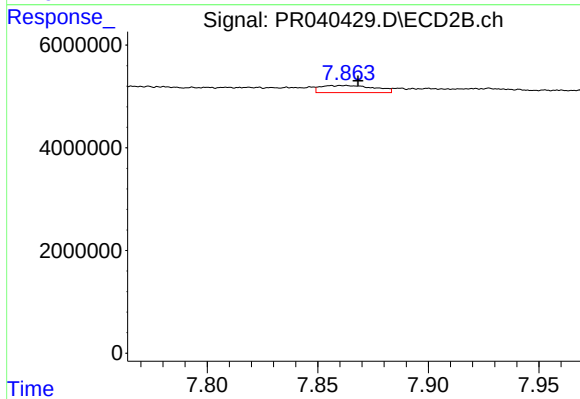
#29 AR-1254-4

R.T.: 7.451 min
Delta R.T.: -0.003 min
Response: 6684969
Conc: 12.17 ng/ml



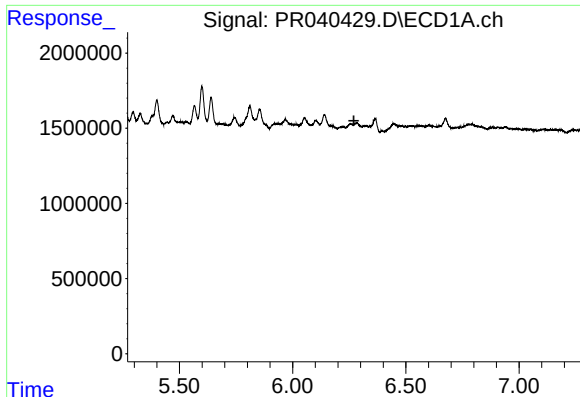
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 6.779 min
Response: 0
Conc: N.D.



#30 AR-1254-5

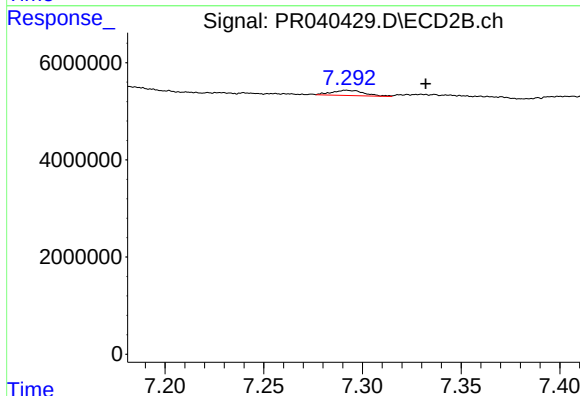
R.T.: 7.863 min
Delta R.T.: -0.005 min
Response: 2305157
Conc: 3.86 ng/ml



#31 AR-1260-1

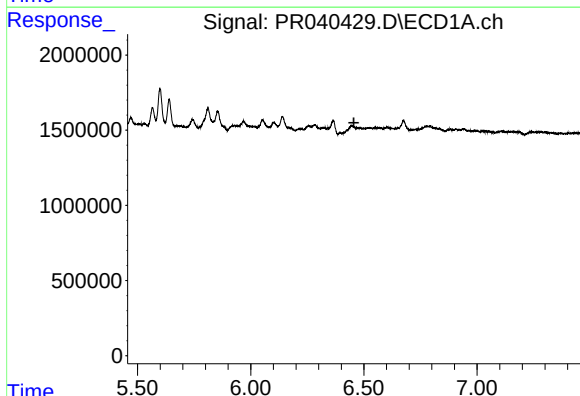
R.T.: 0.000 min
Exp R.T.: 6.271 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



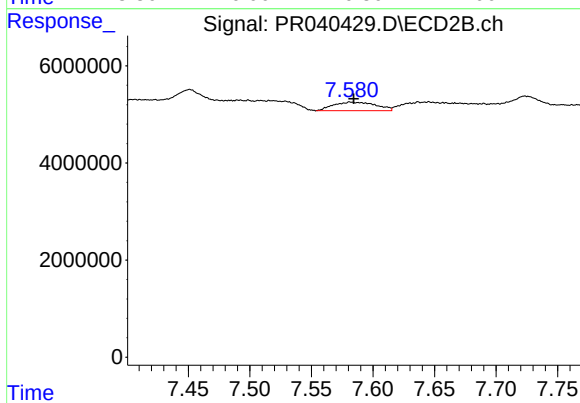
#31 AR-1260-1

R.T.: 7.292 min
Delta R.T.: -0.040 min
Response: 1259091
Conc: 3.06 ng/ml



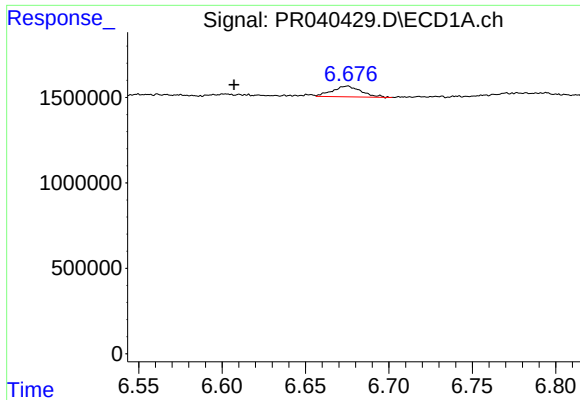
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 6.456 min
Response: 0
Conc: N.D.



#32 AR-1260-2

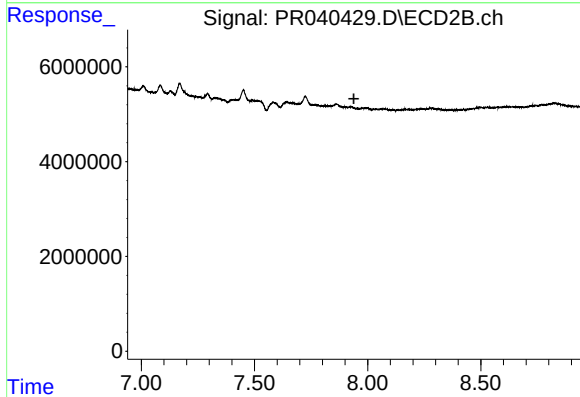
R.T.: 7.581 min
Delta R.T.: -0.003 min
Response: 4228934
Conc: 8.32 ng/ml



#33 AR-1260-3

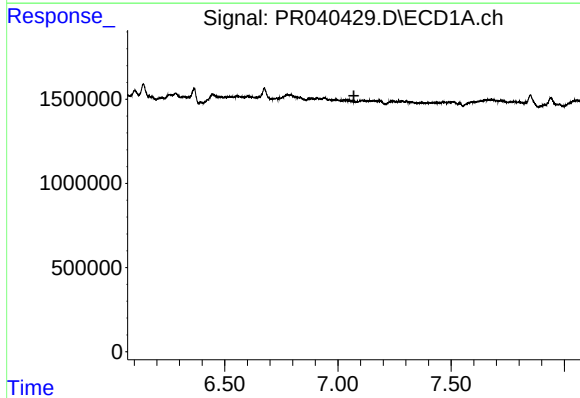
R.T.: 6.676 min
Delta R.T.: 0.068 min
Response: 750370
Conc: 5.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



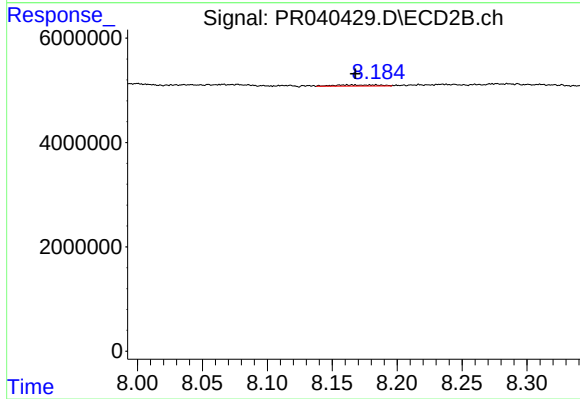
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.939 min
Response: 0
Conc: N.D.



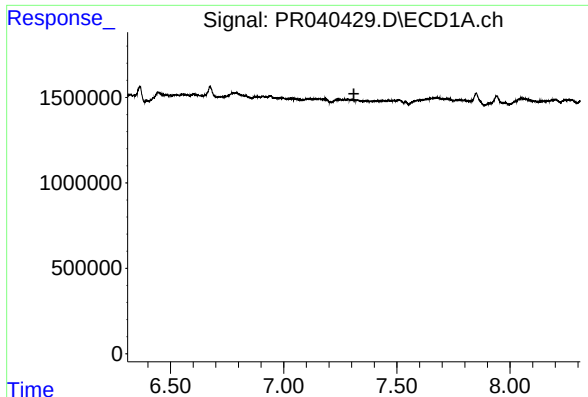
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 7.071 min
Response: 0
Conc: N.D.



#34 AR-1260-4

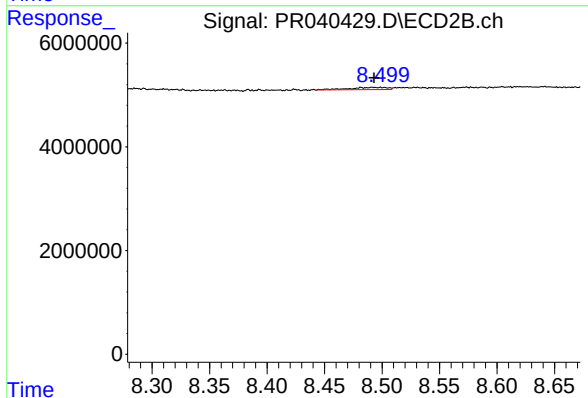
R.T.: 8.162 min
Delta R.T.: -0.006 min
Response: 518957
Conc: 1.09 ng/ml



#35 AR-1260-5

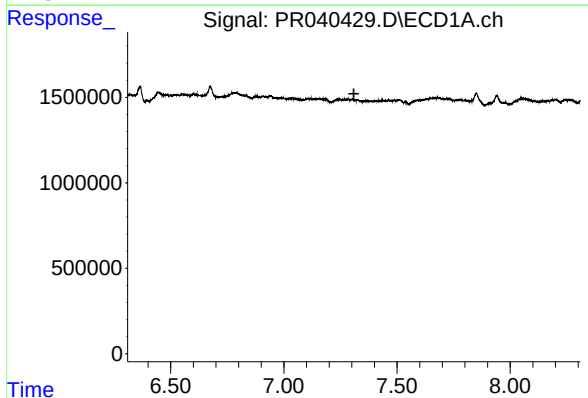
R.T.: 0.000 min
Exp R.T.: 7.310 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



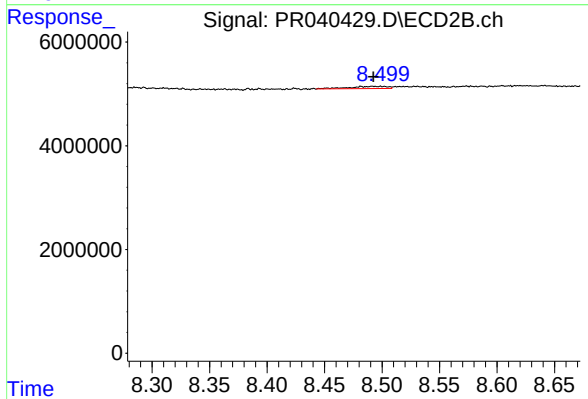
#35 AR-1260-5

R.T.: 8.499 min
Delta R.T.: 0.006 min
Response: 1003321
Conc: 0.97 ng/ml



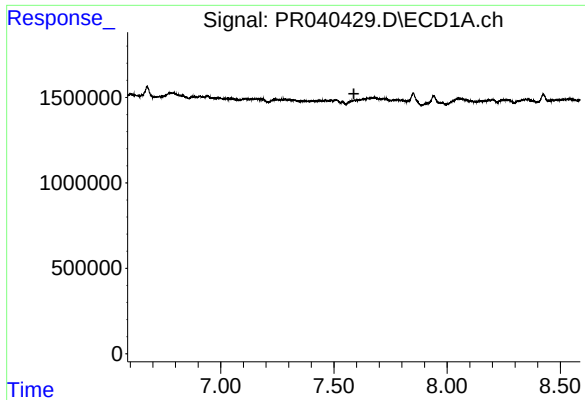
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 7.310 min
Response: 0
Conc: N.D.



#37 AR-1262-2

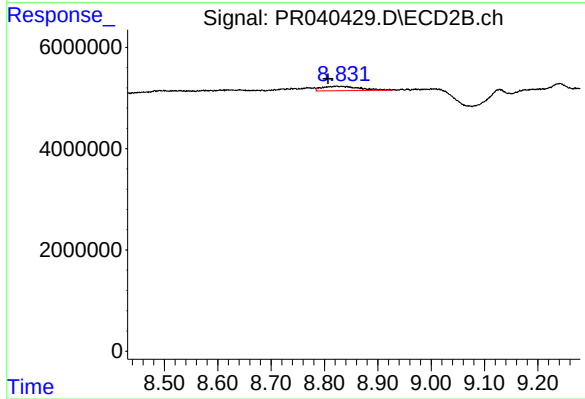
R.T.: 8.499 min
Delta R.T.: 0.007 min
Response: 1003321
Conc: 0.84 ng/ml



#38 AR-1262-3

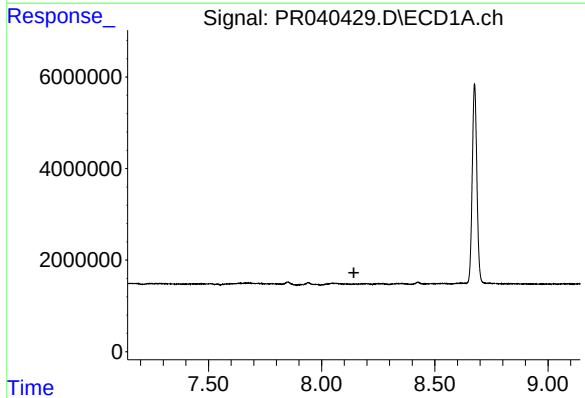
R.T.: 0.000 min
Exp R.T.: 7.588 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



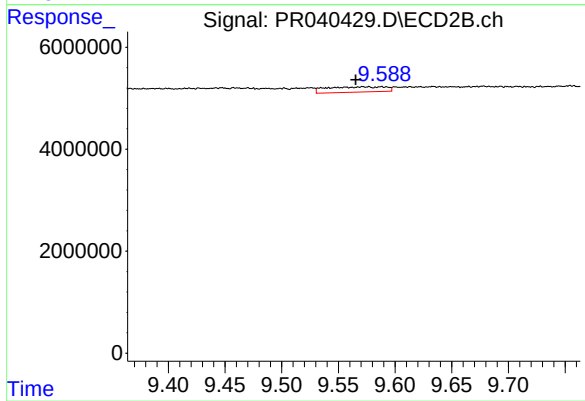
#38 AR-1262-3

R.T.: 8.823 min
Delta R.T.: 0.016 min
Response: 4296853
Conc: 5.31 ng/ml



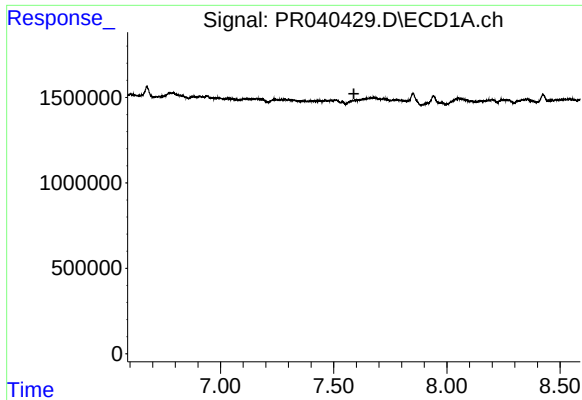
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 8.142 min
Response: 0
Conc: N.D.



#40 AR-1262-5

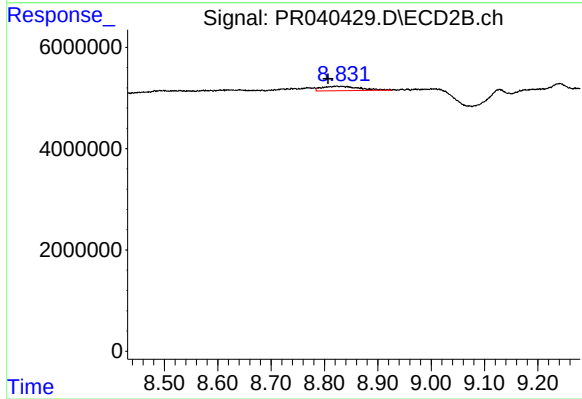
R.T.: 9.577 min
Delta R.T.: 0.011 min
Response: 3738327
Conc: 7.91 ng/ml



#41 AR-1268-1

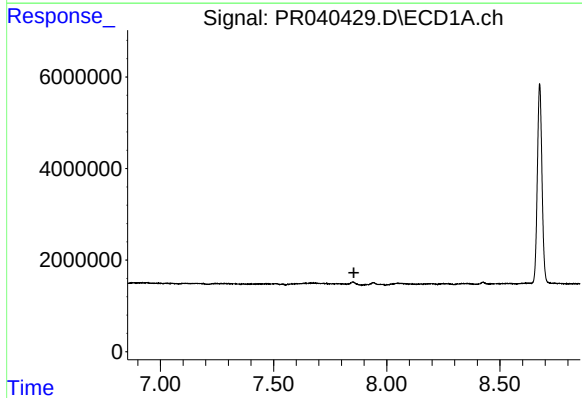
R.T.: 0.000 min
Exp R.T.: 7.589 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



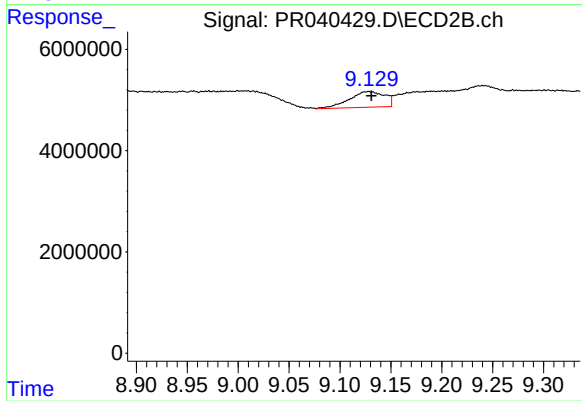
#41 AR-1268-1

R.T.: 8.823 min
Delta R.T.: 0.017 min
Response: 4296853
Conc: 3.28 ng/ml



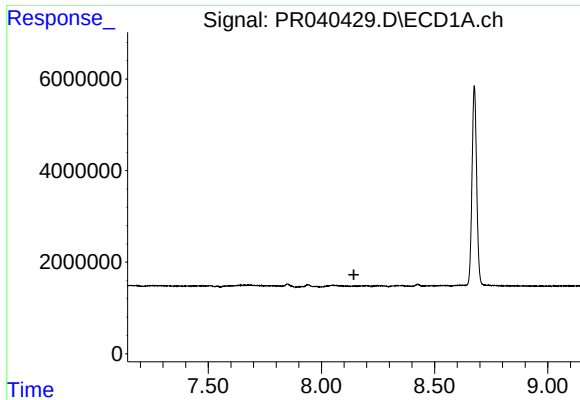
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 7.855 min
Response: 0
Conc: N.D.



#43 AR-1268-3

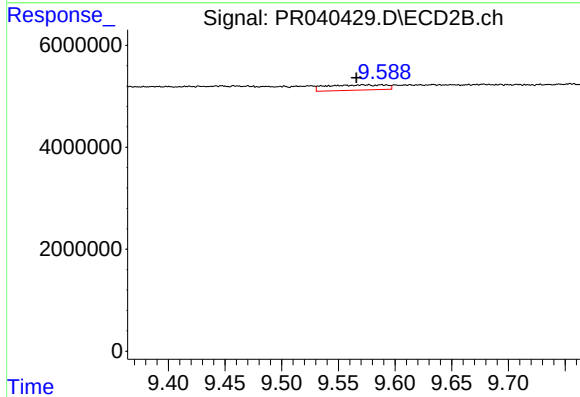
R.T.: 9.128 min
Delta R.T.: -0.002 min
Response: 7472351
Conc: 7.08 ng/ml



#44 AR-1268-4

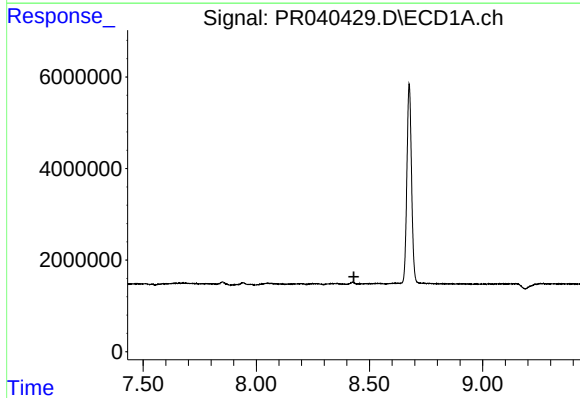
R.T.: 0.000 min
Exp R.T.: 8.143 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



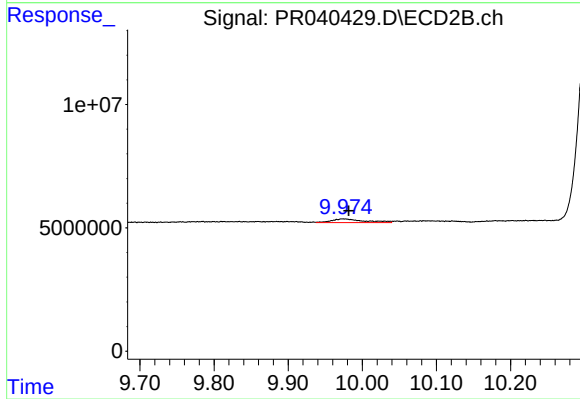
#44 AR-1268-4

R.T.: 9.577 min
Delta R.T.: 0.011 min
Response: 3738327
Conc: 7.62 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 8.431 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.975 min
Delta R.T.: -0.007 min
Response: 4726615
Conc: 1.20 ng/ml