

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101318\
 Data File : PQ033130.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2018 10:55
 Operator : SM\SJ
 Sample : J5402-04DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 00:58:24 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 10 08:14:42 2018
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.573	3.853	6132893	5204681	2.990	3.346
2)	SA Decachlor...	10.407	8.906	13242202	11172657	7.005	6.950
Target Compounds							
3)	L1 AR-1016-1	0.000	4.965	0	767584	N.D.	13.408 #
4)	L1 AR-1016-2	0.000	4.978	0	61129	N.D.	0.767 #
5)	L1 AR-1016-3	0.000	5.143	0	424751	N.D.	10.240 #
6)	L1 AR-1016-4	0.000	5.181	0	7027150	N.D.	205.089 #
7)	L1 AR-1016-5	6.228	5.397	5053549	4888335	98.068	106.987
8)	L2 AR-1221-1	0.000	4.007	0	15258	N.D.	0.826 #
10)	L2 AR-1221-3	0.000	4.270	0	9695	N.D.	0.212 #
11)	L3 AR-1232-1	0.000	4.270	0	9695	N.D.	0.280 #
12)	L3 AR-1232-2	0.000	4.978	0	61129	N.D.	1.626 #
13)	L3 AR-1232-3	0.000	5.143	0	424751	N.D.	21.687 #
14)	L3 AR-1232-4	0.000	5.225	0	2717523	N.D.	158.334 #
15)	L3 AR-1232-5	6.021	5.397	8983501	4888335	503.724	250.682 #
16)	L4 AR-1242-1	0.000	4.947	0	879735	N.D.	18.080 #
17)	L4 AR-1242-2	0.000	4.978	0	61129	N.D.	0.906 #
18)	L4 AR-1242-3	0.000	5.143	0	424751	N.D.	11.595 #
19)	L4 AR-1242-4	0.000	5.225	0	2717523	N.D.	73.780 #
20)	L4 AR-1242-5	6.672	5.749	14665584	35861993	297.492	746.510 #
21)	L5 AR-1248-1	0.000	4.947	0	879735	N.D.	21.468 #
22)	L5 AR-1248-2	6.021	5.181	8983501	7027150	122.138	127.907
23)	L5 AR-1248-3	6.228	5.225	5053549	2717523	61.836	48.525
24)	L5 AR-1248-4	6.632	5.397	20302592	4888335	216.743	70.877 #
25)	L5 AR-1248-5	6.672	5.791	14665584	10339109	165.137	149.565
26)	L6 AR-1254-1	6.605	5.749	29497478	35861993	297.648	318.318
27)	L6 AR-1254-2	6.823	5.895	51517694	32597189	329.653	330.114
28)	L6 AR-1254-3	7.192	6.302	51257712	62899619	302.077	378.479 #
29)	L6 AR-1254-4	7.478	6.529	52327862	46533715	423.795	437.362
30)	L6 AR-1254-5	7.897	6.946	78339847	74869067	591.786	509.711
31)	L7 AR-1260-1	7.354	6.430	40289261	44120496	376.687	469.746
32)	L7 AR-1260-2	7.610	6.617	52085021	46594711	412.472	399.919
33)	L7 AR-1260-3	7.969	6.772	22275639	42891560	285.983	397.723 #
34)	L7 AR-1260-4	8.197	7.244	43216207	20276896	426.923	263.784 #
35)	L7 AR-1260-5	8.532	7.483	52872050	62639419	280.002	326.047
36)	L8 AR-1262-1	7.969	6.980	22275639	26167453	165.264	203.616
37)	L8 AR-1262-2	8.532	7.483	52872050	62639419	213.816	261.503
38)	L8 AR-1262-3	8.872	7.766	32749822	9459083	197.994	101.548 #
39)	L8 AR-1262-4	8.927	7.830	16703126	40920656	245.088	235.050
40)	L8 AR-1262-5	9.629	8.335	10868015	9022175	124.219	111.806
41)	L9 AR-1268-1	8.872	7.766	32749822	9459083	89.305	27.667 #
42)	L9 AR-1268-2	8.927	7.830	16703126	40920656	50.117	132.421 #

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 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	0.000	8.032	0	1187128	N.D.	4.640 #
44) L9	AR-1268-4	9.629	8.335	10868015	9022175	89.953	81.791
45) L9	AR-1268-5	10.059	8.640	2245297	2196120	2.428	2.626

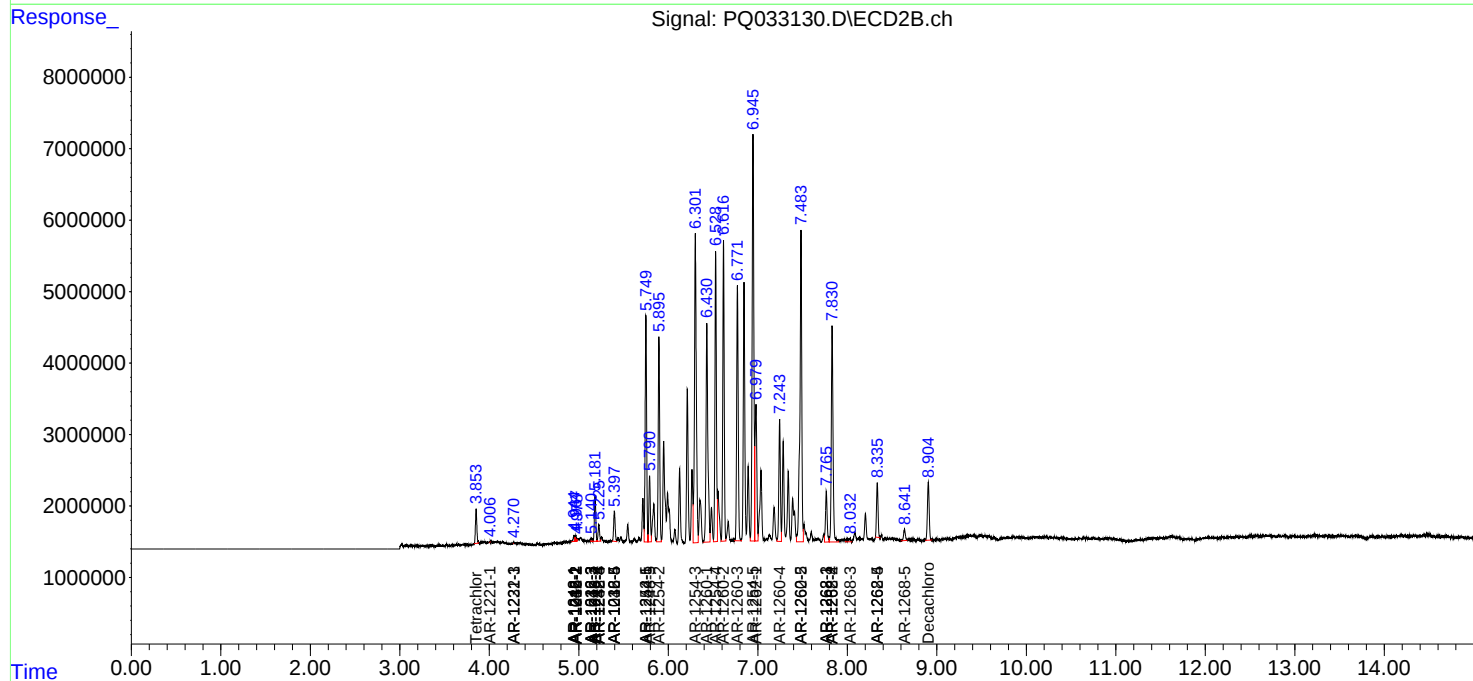
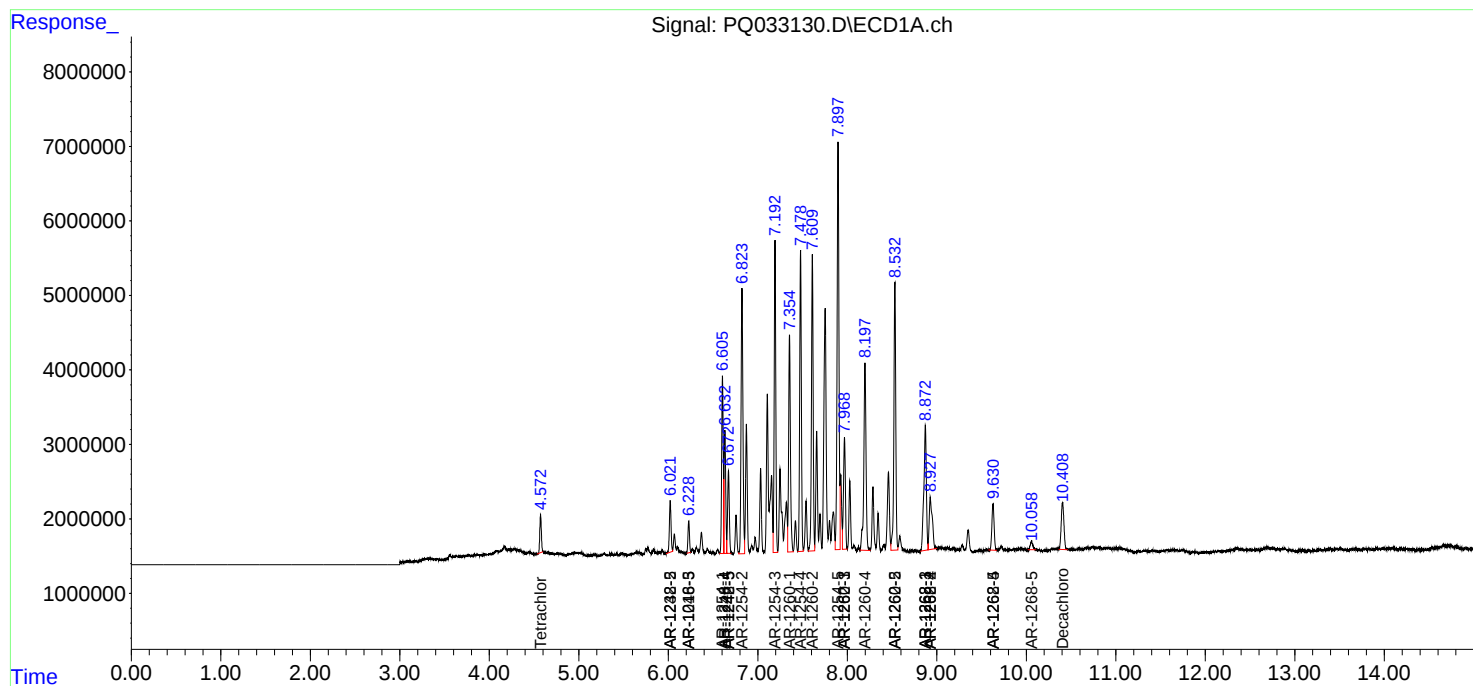
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

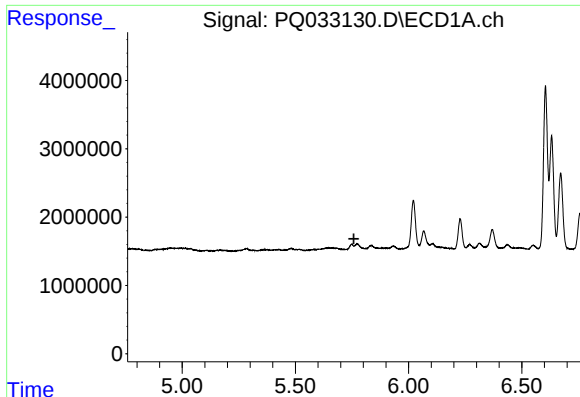
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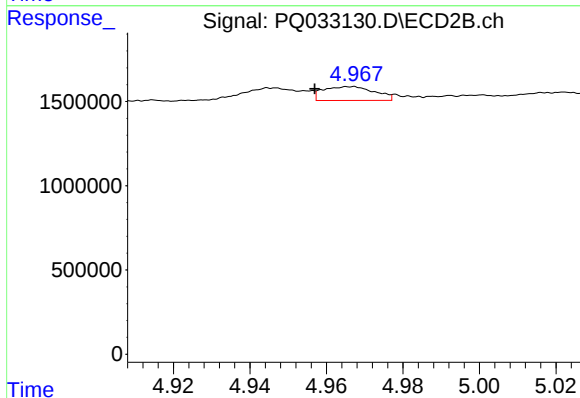




#3 AR-1016-1

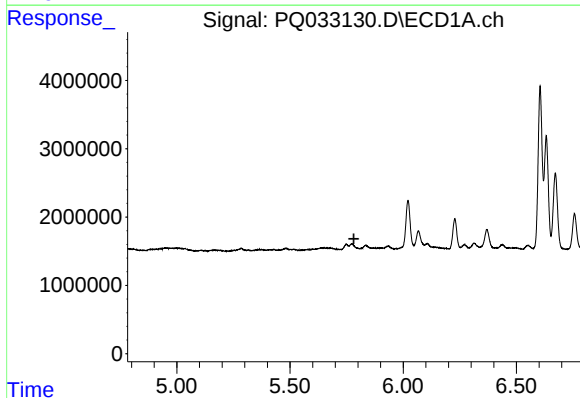
R.T.: 0.000 min
Exp R.T.: 5.759 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



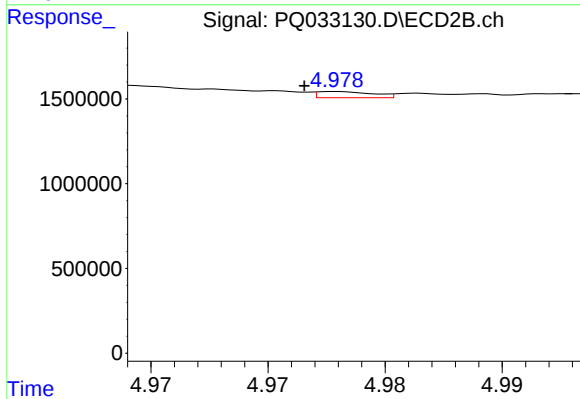
#3 AR-1016-1

R.T.: 4.965 min
Delta R.T.: 0.008 min
Response: 767584
Conc: 13.41 ng/ml



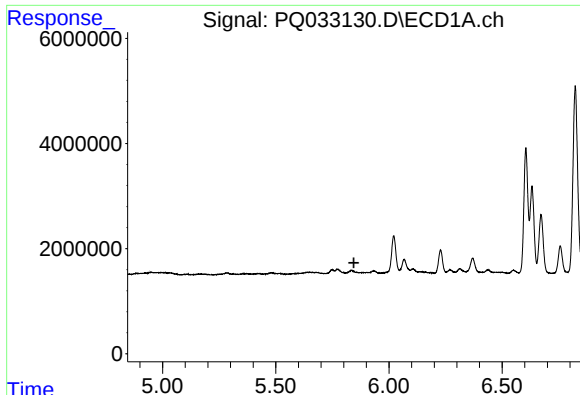
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.782 min
Response: 0
Conc: N.D.



#4 AR-1016-2

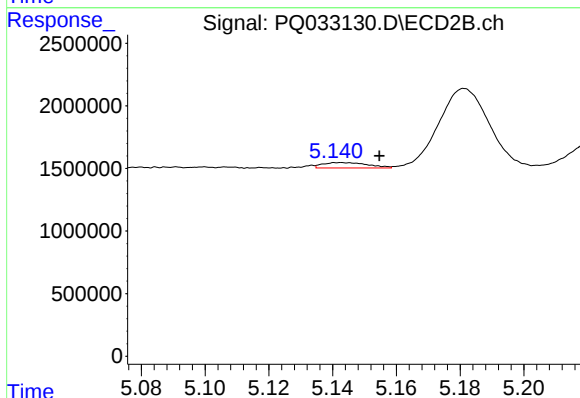
R.T.: 4.978 min
Delta R.T.: 0.002 min
Response: 61129
Conc: 0.77 ng/ml



#5 AR-1016-3

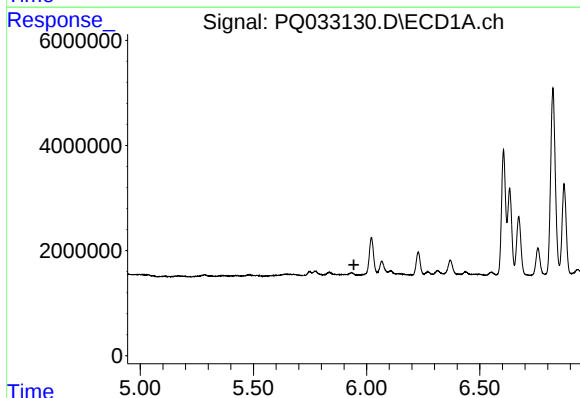
R.T.: 0.000 min
Exp R.T.: 5.845 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



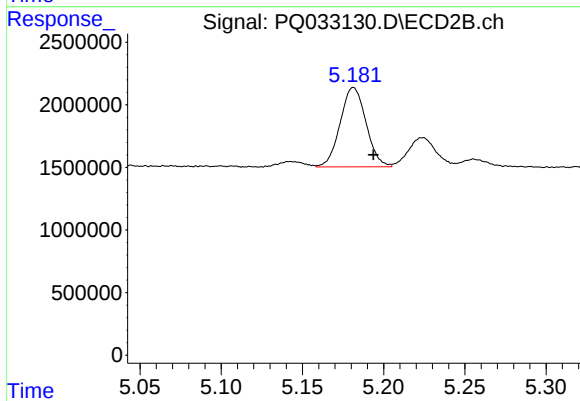
#5 AR-1016-3

R.T.: 5.143 min
Delta R.T.: -0.012 min
Response: 424751
Conc: 10.24 ng/ml



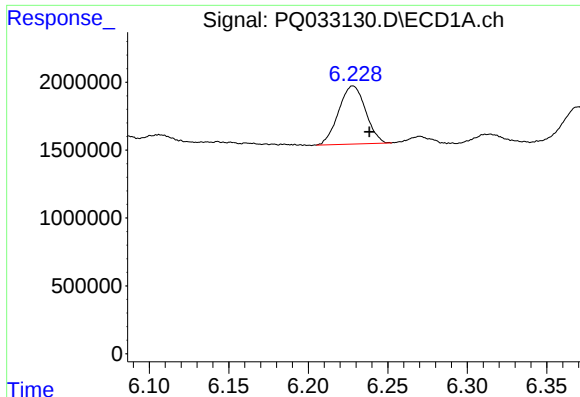
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.944 min
Response: 0
Conc: N.D.



#6 AR-1016-4

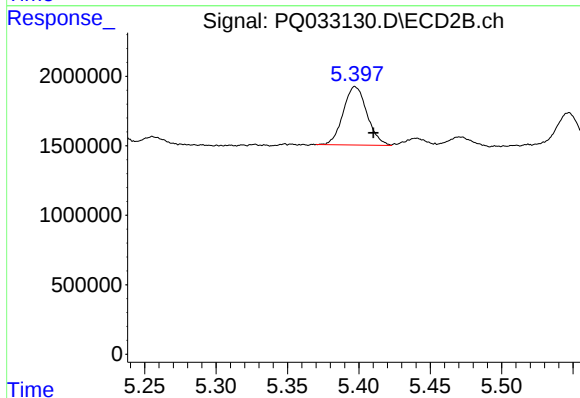
R.T.: 5.181 min
Delta R.T.: -0.012 min
Response: 7027150
Conc: 205.09 ng/ml



#7 AR-1016-5

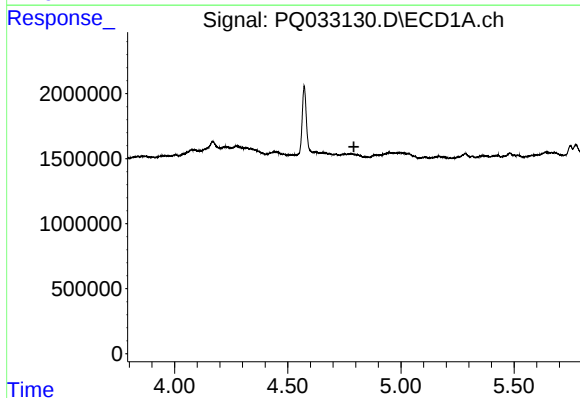
R.T.: 6.228 min
Delta R.T.: -0.010 min
Response: 5053549
Conc: 98.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



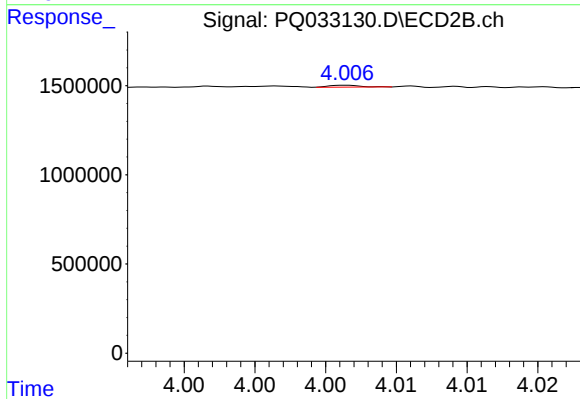
#7 AR-1016-5

R.T.: 5.397 min
Delta R.T.: -0.013 min
Response: 4888335
Conc: 106.99 ng/ml



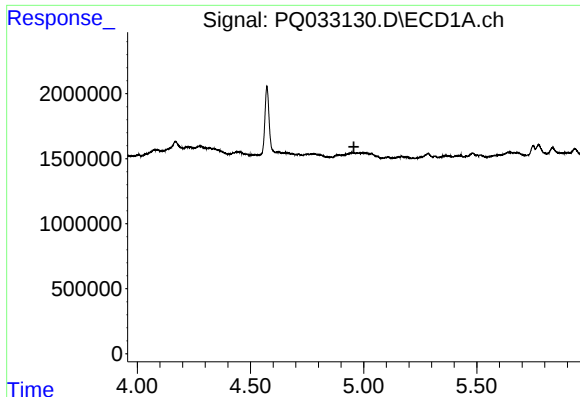
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.792 min
Response: 0
Conc: N.D.



#8 AR-1221-1

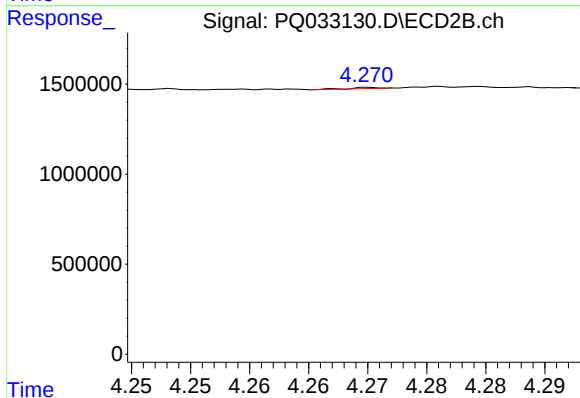
R.T.: 4.007 min
Delta R.T.: -0.069 min
Response: 15258
Conc: 0.83 ng/ml



#10 AR-1221-3

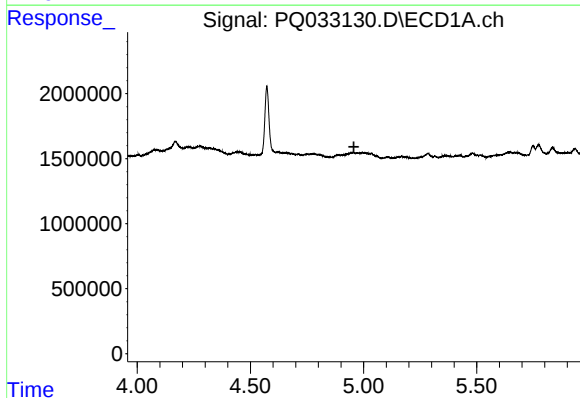
R.T.: 0.000 min
Exp R.T.: 4.957 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



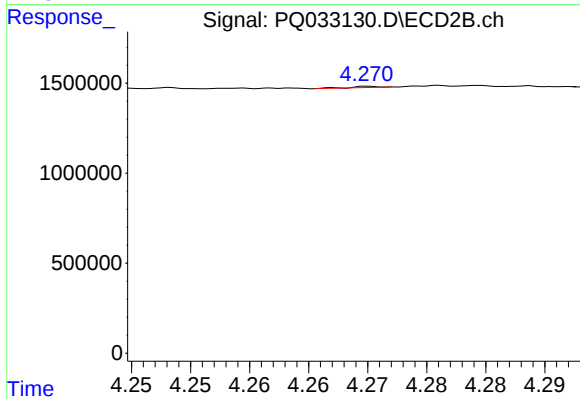
#10 AR-1221-3

R.T.: 4.270 min
Delta R.T.: 0.030 min
Response: 9695
Conc: 0.21 ng/ml



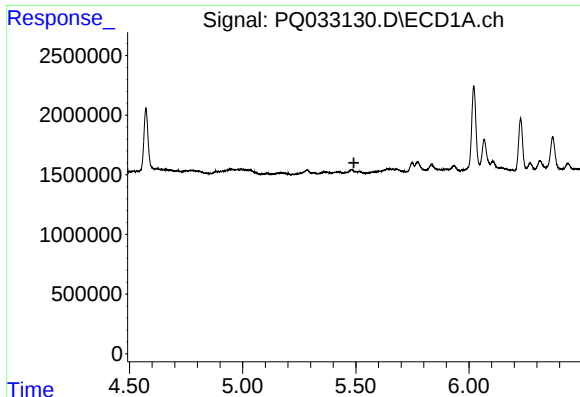
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.957 min
Response: 0
Conc: N.D.



#11 AR-1232-1

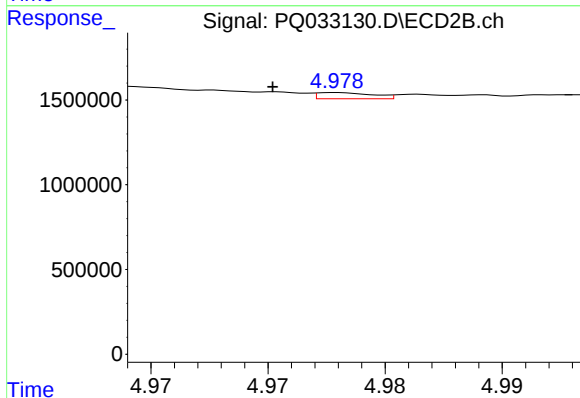
R.T.: 4.270 min
Delta R.T.: 0.030 min
Response: 9695
Conc: 0.28 ng/ml



#12 AR-1232-2

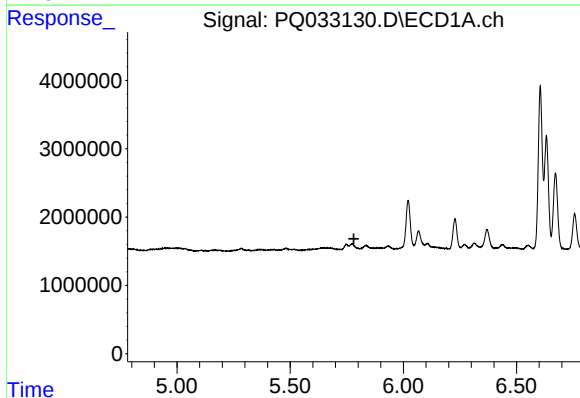
R.T.: 0.000 min
Exp R.T.: 5.491 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



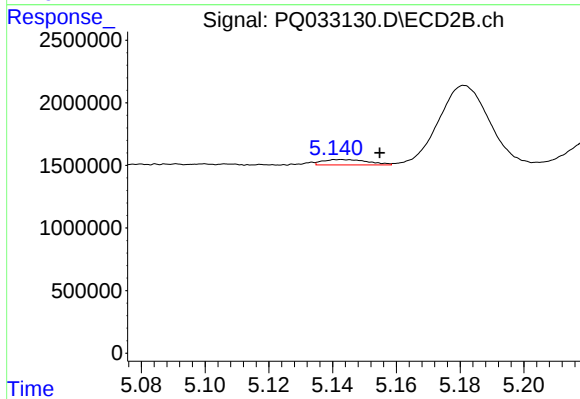
#12 AR-1232-2

R.T.: 4.978 min
Delta R.T.: 0.003 min
Response: 61129
Conc: 1.63 ng/ml



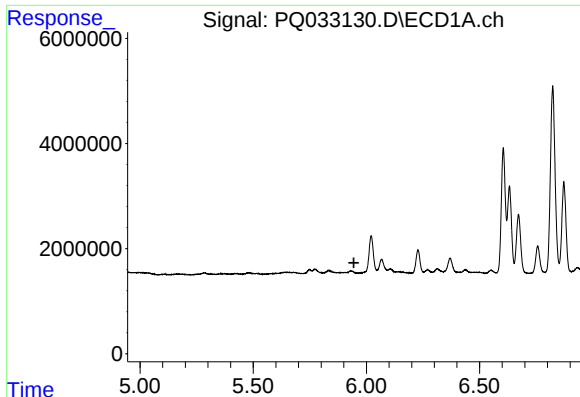
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 5.782 min
Response: 0
Conc: N.D.



#13 AR-1232-3

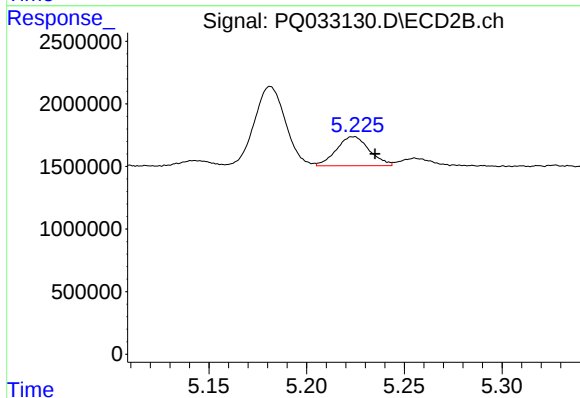
R.T.: 5.143 min
Delta R.T.: -0.012 min
Response: 424751
Conc: 21.69 ng/ml



#14 AR-1232-4

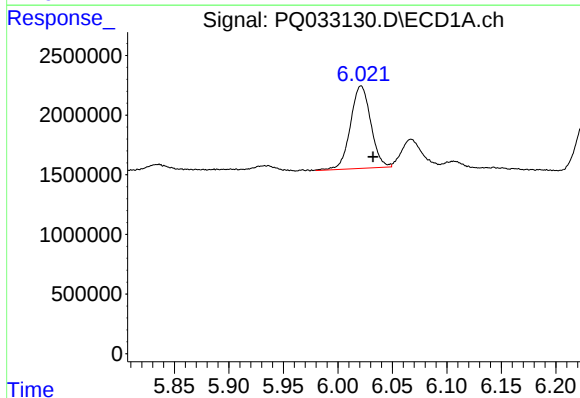
R.T.: 0.000 min
Exp R.T.: 5.945 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



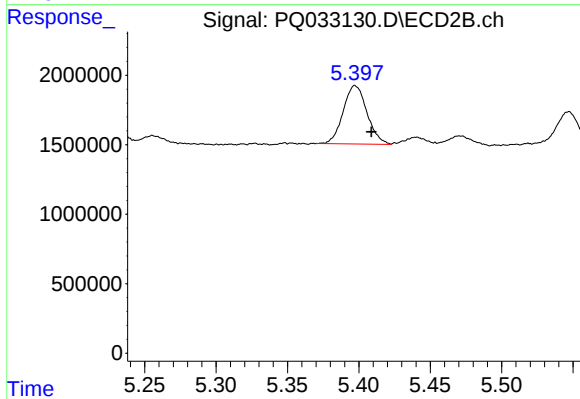
#14 AR-1232-4

R.T.: 5.225 min
Delta R.T.: -0.010 min
Response: 2717523
Conc: 158.33 ng/ml



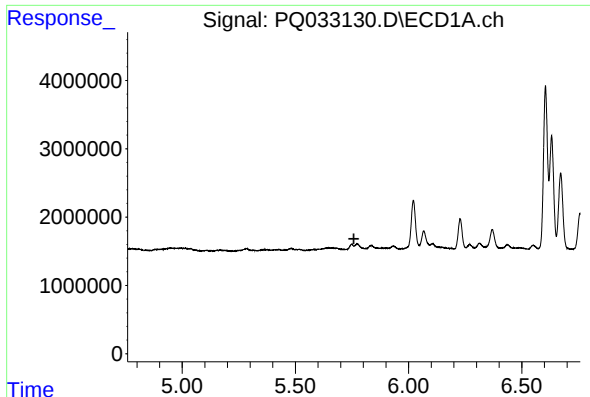
#15 AR-1232-5

R.T.: 6.021 min
Delta R.T.: -0.011 min
Response: 8983501
Conc: 503.72 ng/ml



#15 AR-1232-5

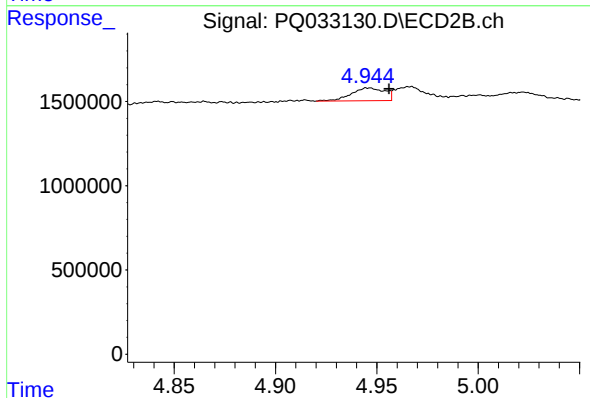
R.T.: 5.397 min
Delta R.T.: -0.012 min
Response: 4888335
Conc: 250.68 ng/ml



#16 AR-1242-1

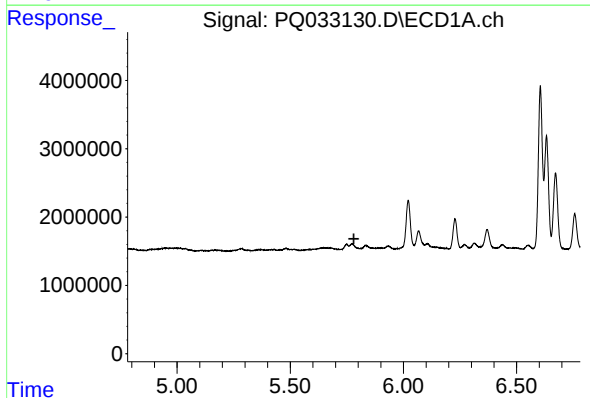
R.T.: 0.000 min
Exp R.T.: 5.758 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



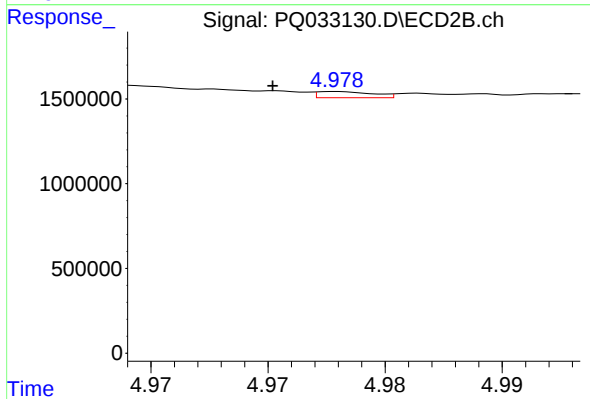
#16 AR-1242-1

R.T.: 4.947 min
Delta R.T.: -0.009 min
Response: 879735
Conc: 18.08 ng/ml



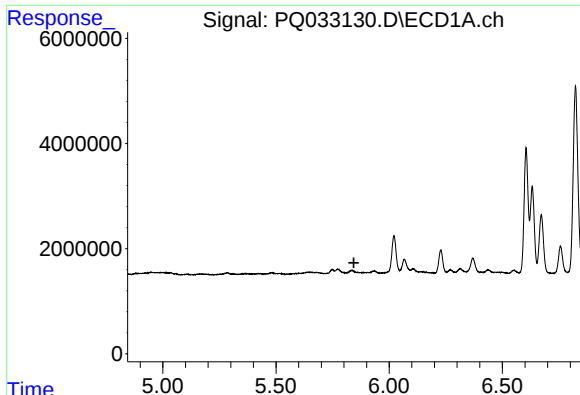
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 5.781 min
Response: 0
Conc: N.D.



#17 AR-1242-2

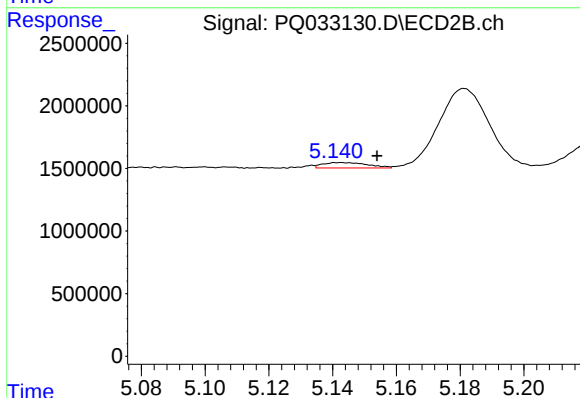
R.T.: 4.978 min
Delta R.T.: 0.003 min
Response: 61129
Conc: 0.91 ng/ml



#18 AR-1242-3

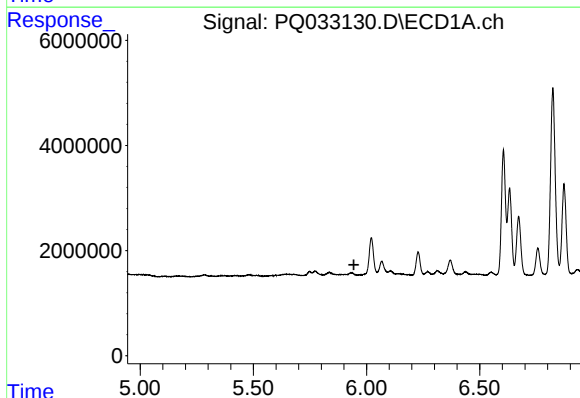
R.T.: 0.000 min
Exp R.T.: 5.844 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



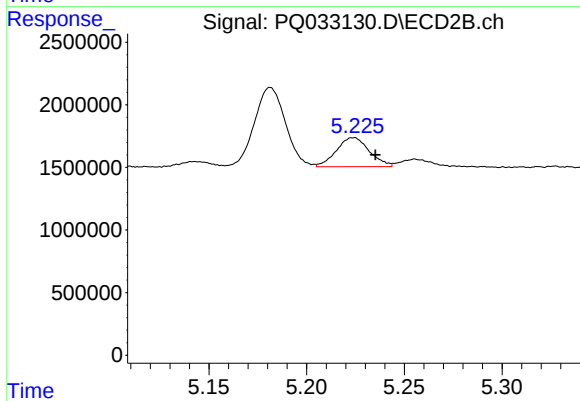
#18 AR-1242-3

R.T.: 5.143 min
Delta R.T.: -0.011 min
Response: 424751
Conc: 11.60 ng/ml



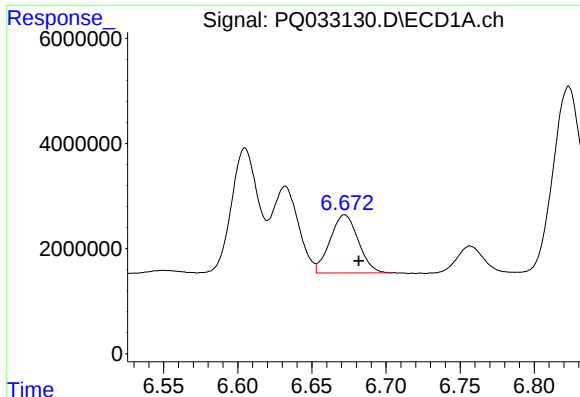
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.944 min
Response: 0
Conc: N.D.



#19 AR-1242-4

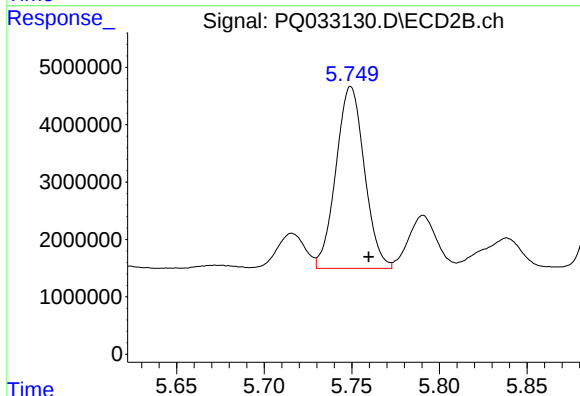
R.T.: 5.225 min
Delta R.T.: -0.010 min
Response: 2717523
Conc: 73.78 ng/ml



#20 AR-1242-5

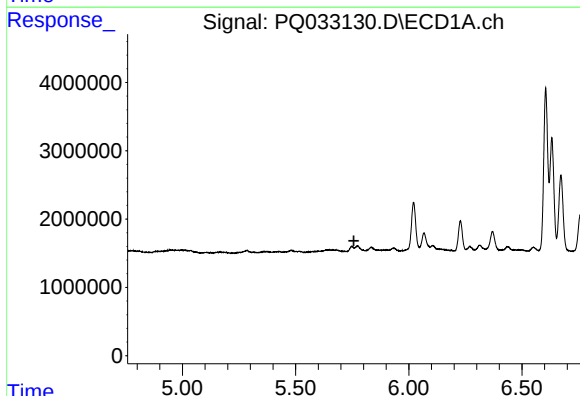
R.T.: 6.672 min
Delta R.T.: -0.009 min
Response: 14665584
Conc: 297.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



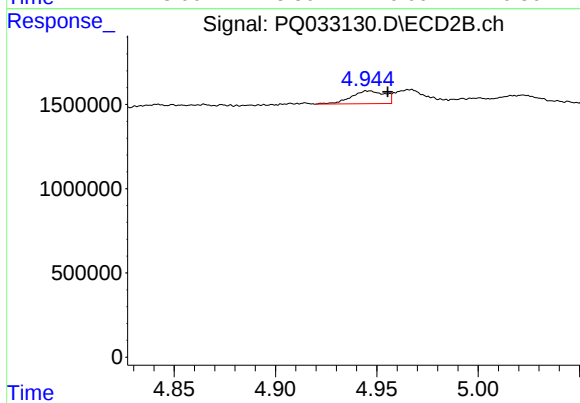
#20 AR-1242-5

R.T.: 5.749 min
Delta R.T.: -0.010 min
Response: 35861993
Conc: 746.51 ng/ml



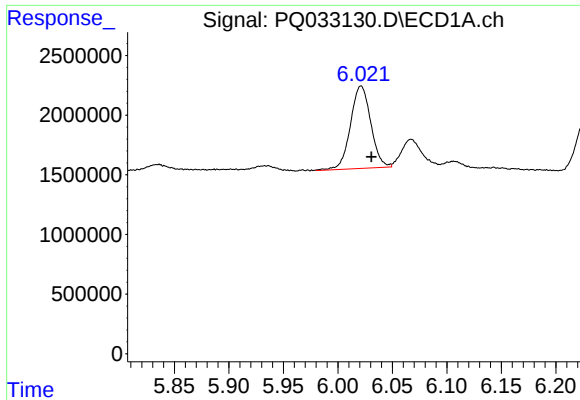
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.758 min
Response: 0
Conc: N.D.



#21 AR-1248-1

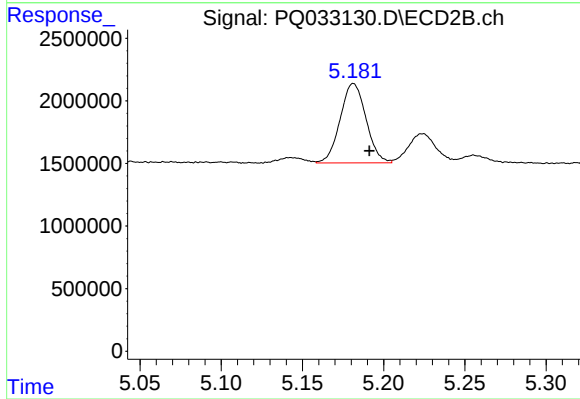
R.T.: 4.947 min
Delta R.T.: -0.008 min
Response: 879735
Conc: 21.47 ng/ml



#22 AR-1248-2

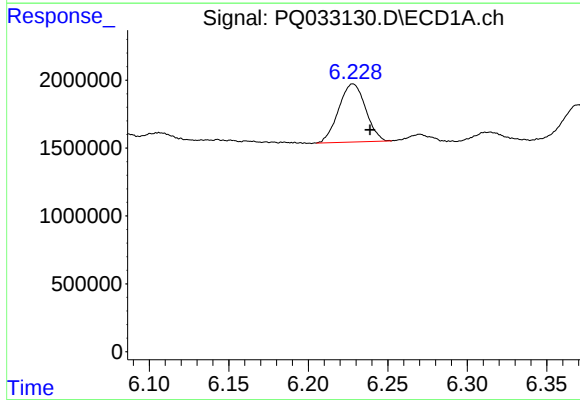
R.T.: 6.021 min
Delta R.T.: -0.009 min
Response: 8983501
Conc: 122.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



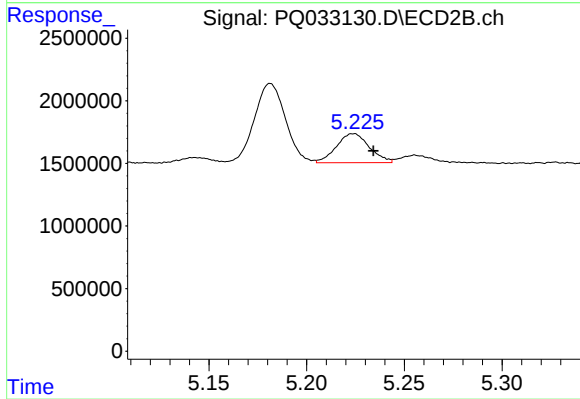
#22 AR-1248-2

R.T.: 5.181 min
Delta R.T.: -0.010 min
Response: 7027150
Conc: 127.91 ng/ml



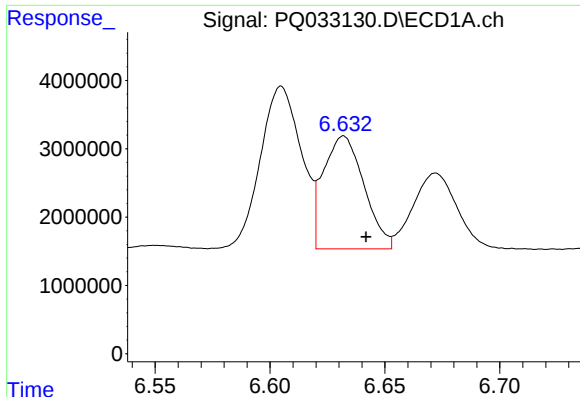
#23 AR-1248-3

R.T.: 6.228 min
Delta R.T.: -0.011 min
Response: 5053549
Conc: 61.84 ng/ml



#23 AR-1248-3

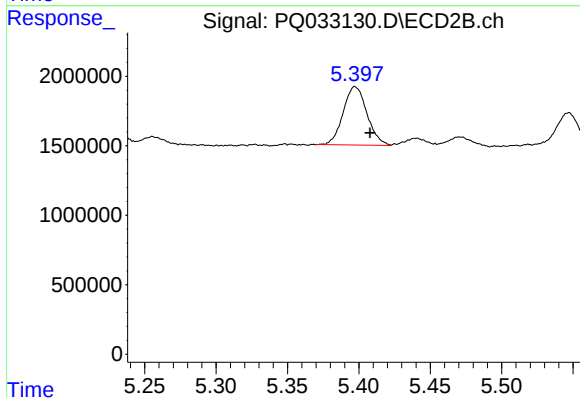
R.T.: 5.225 min
Delta R.T.: -0.009 min
Response: 2717523
Conc: 48.52 ng/ml



#24 AR-1248-4

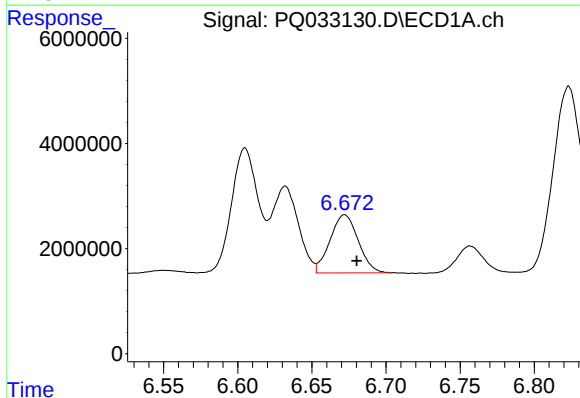
R.T.: 6.632 min
Delta R.T.: -0.010 min
Response: 20302592
Conc: 216.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



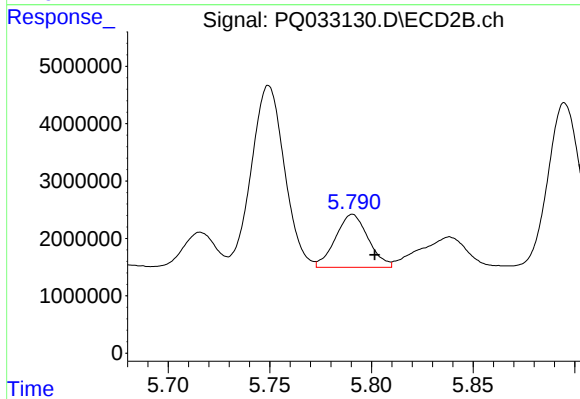
#24 AR-1248-4

R.T.: 5.397 min
Delta R.T.: -0.011 min
Response: 4888335
Conc: 70.88 ng/ml



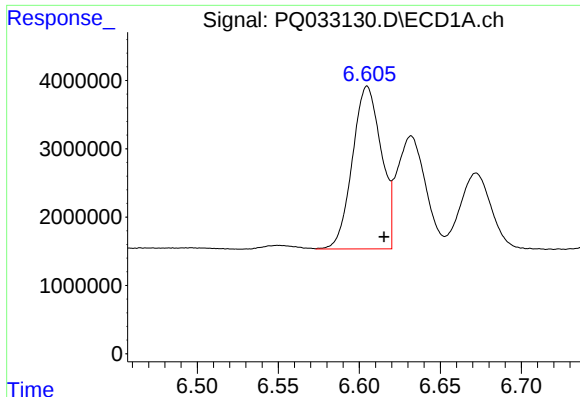
#25 AR-1248-5

R.T.: 6.672 min
Delta R.T.: -0.008 min
Response: 14665584
Conc: 165.14 ng/ml



#25 AR-1248-5

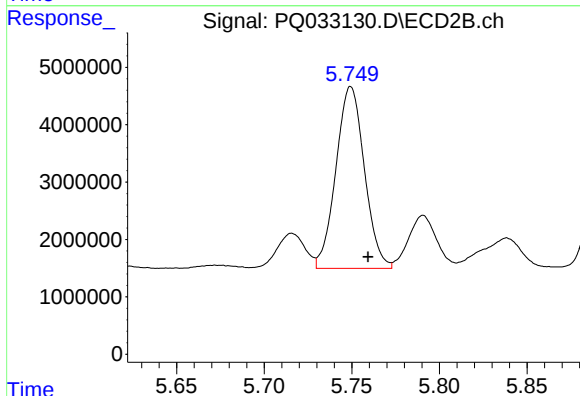
R.T.: 5.791 min
Delta R.T.: -0.011 min
Response: 10339109
Conc: 149.57 ng/ml



#26 AR-1254-1

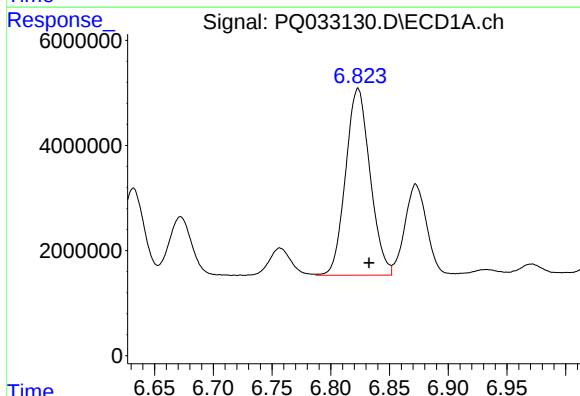
R.T.: 6.605 min
Delta R.T.: -0.010 min
Response: 29497478
Conc: 297.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



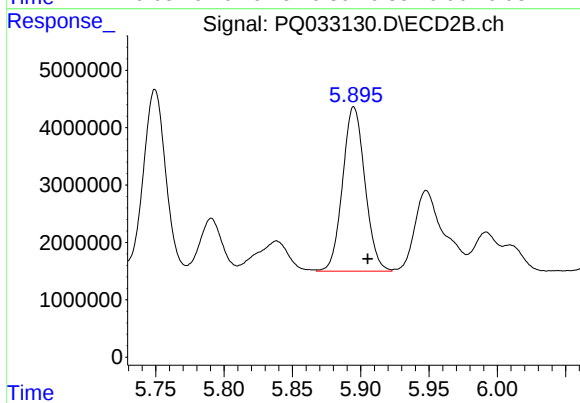
#26 AR-1254-1

R.T.: 5.749 min
Delta R.T.: -0.010 min
Response: 35861993
Conc: 318.32 ng/ml



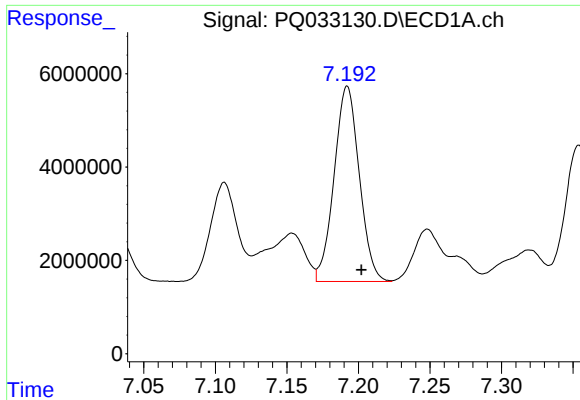
#27 AR-1254-2

R.T.: 6.823 min
Delta R.T.: -0.009 min
Response: 51517694
Conc: 329.65 ng/ml



#27 AR-1254-2

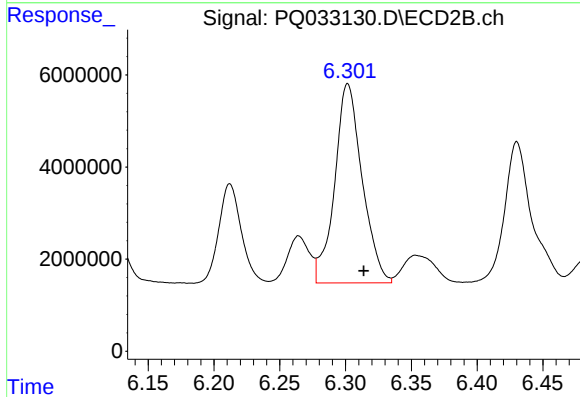
R.T.: 5.895 min
Delta R.T.: -0.010 min
Response: 32597189
Conc: 330.11 ng/ml



#28 AR-1254-3

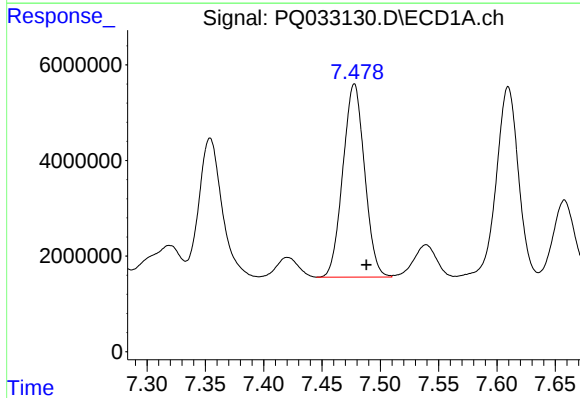
R.T.: 7.192 min
Delta R.T.: -0.010 min
Response: 51257712
Conc: 302.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



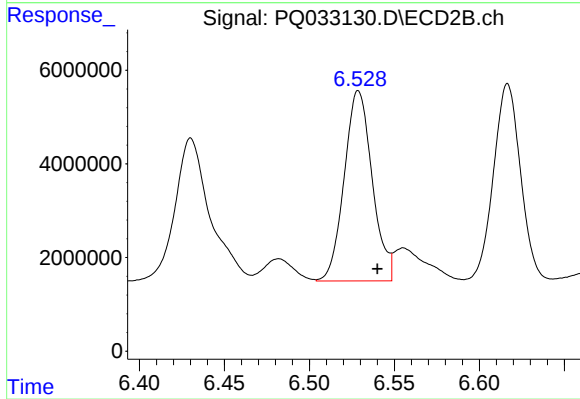
#28 AR-1254-3

R.T.: 6.302 min
Delta R.T.: -0.012 min
Response: 62899619
Conc: 378.48 ng/ml



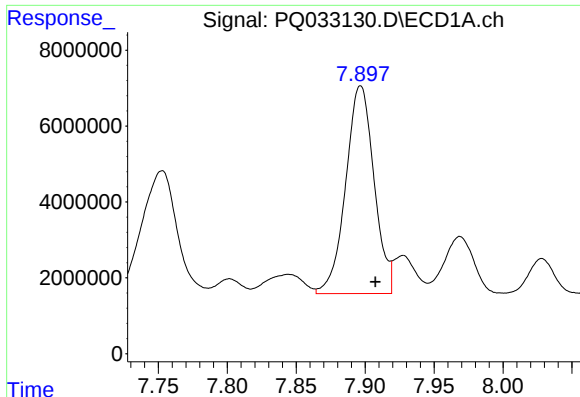
#29 AR-1254-4

R.T.: 7.478 min
Delta R.T.: -0.010 min
Response: 52327862
Conc: 423.79 ng/ml



#29 AR-1254-4

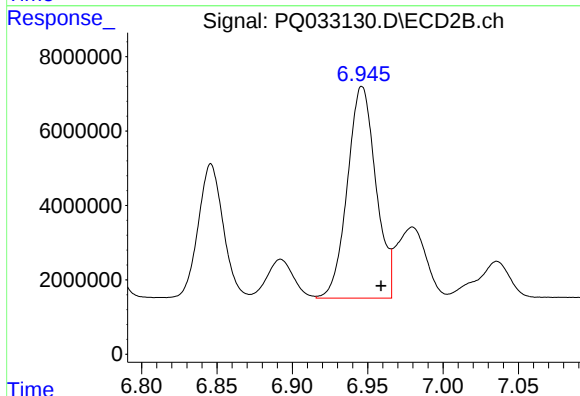
R.T.: 6.529 min
Delta R.T.: -0.011 min
Response: 46533715
Conc: 437.36 ng/ml



#30 AR-1254-5

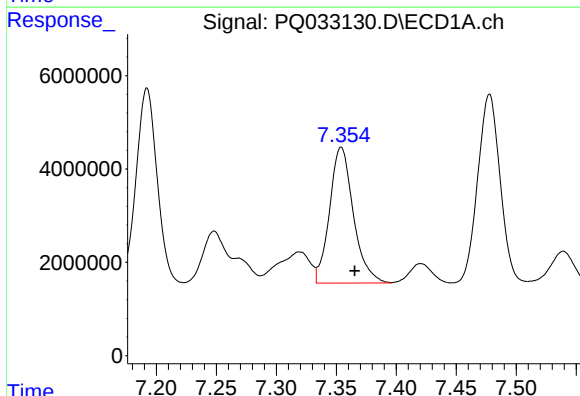
R.T.: 7.897 min
Delta R.T.: -0.011 min
Response: 78339847
Conc: 591.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



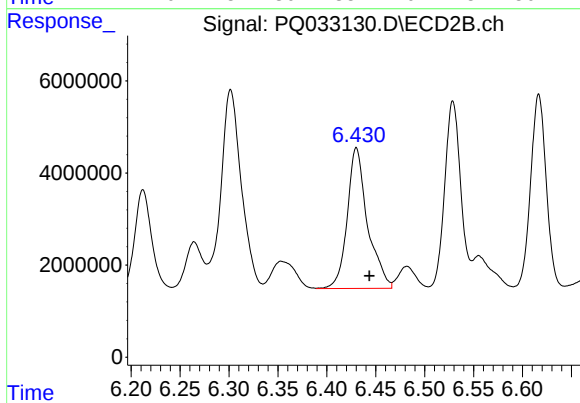
#30 AR-1254-5

R.T.: 6.946 min
Delta R.T.: -0.013 min
Response: 74869067
Conc: 509.71 ng/ml



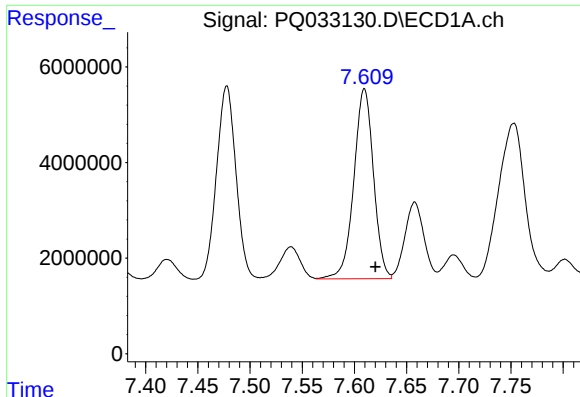
#31 AR-1260-1

R.T.: 7.354 min
Delta R.T.: -0.011 min
Response: 40289261
Conc: 376.69 ng/ml



#31 AR-1260-1

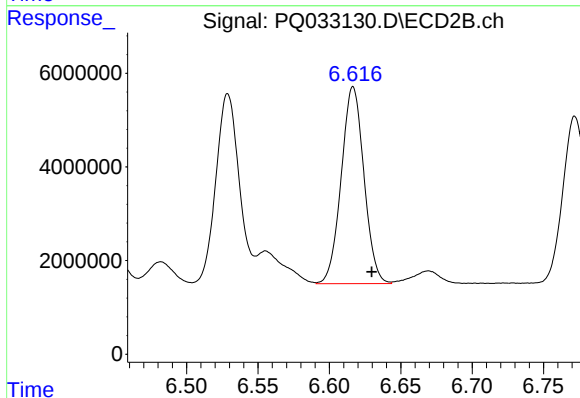
R.T.: 6.430 min
Delta R.T.: -0.014 min
Response: 44120496
Conc: 469.75 ng/ml



#32 AR-1260-2

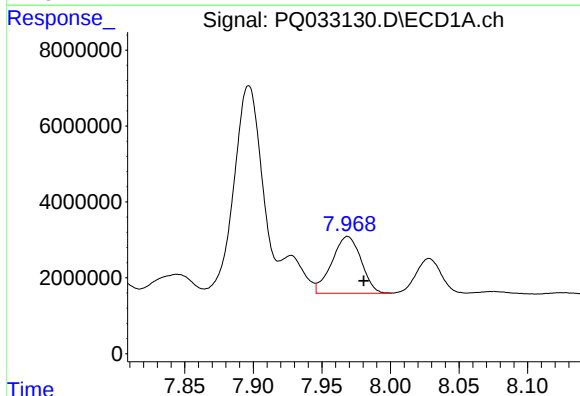
R.T.: 7.610 min
Delta R.T.: -0.011 min
Response: 52085021
Conc: 412.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



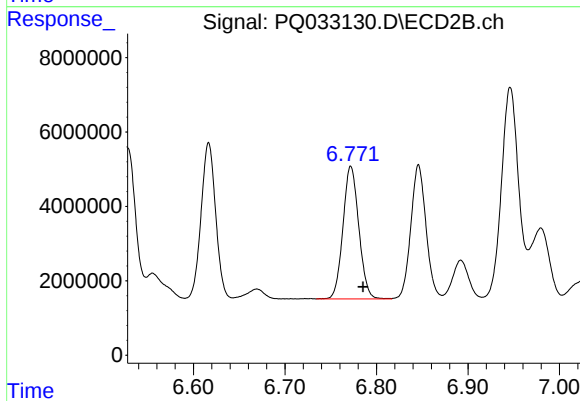
#32 AR-1260-2

R.T.: 6.617 min
Delta R.T.: -0.013 min
Response: 46594711
Conc: 399.92 ng/ml



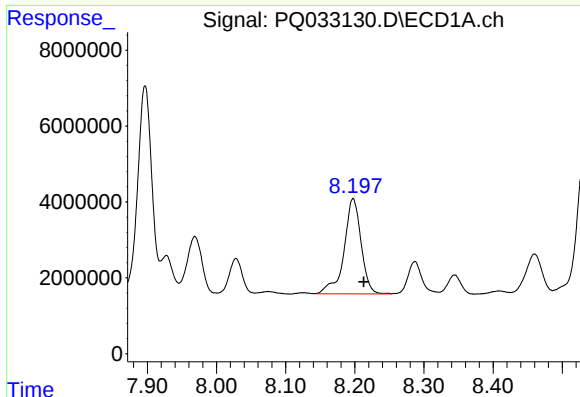
#33 AR-1260-3

R.T.: 7.969 min
Delta R.T.: -0.012 min
Response: 22275639
Conc: 285.98 ng/ml



#33 AR-1260-3

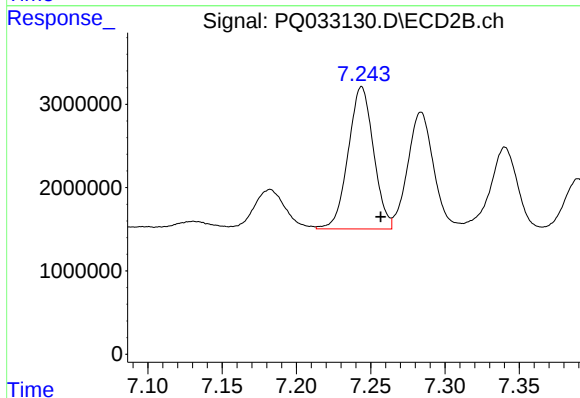
R.T.: 6.772 min
Delta R.T.: -0.013 min
Response: 42891560
Conc: 397.72 ng/ml



#34 AR-1260-4

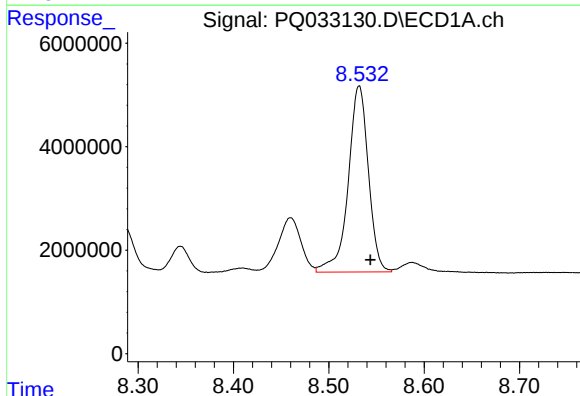
R.T.: 8.197 min
Delta R.T.: -0.016 min
Response: 43216207
Conc: 426.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



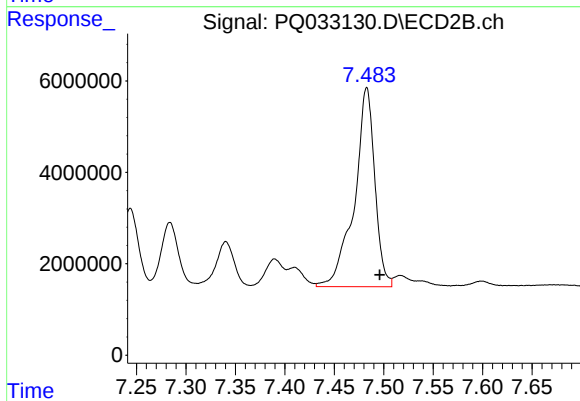
#34 AR-1260-4

R.T.: 7.244 min
Delta R.T.: -0.013 min
Response: 20276896
Conc: 263.78 ng/ml



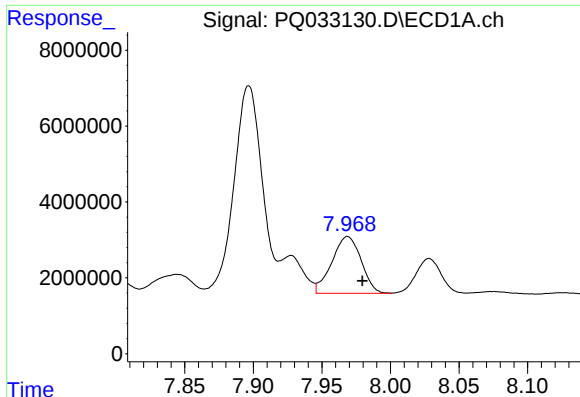
#35 AR-1260-5

R.T.: 8.532 min
Delta R.T.: -0.012 min
Response: 52872050
Conc: 280.00 ng/ml



#35 AR-1260-5

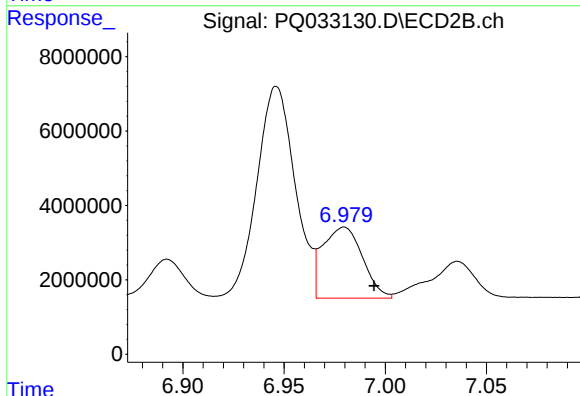
R.T.: 7.483 min
Delta R.T.: -0.013 min
Response: 62639419
Conc: 326.05 ng/ml



#36 AR-1262-1

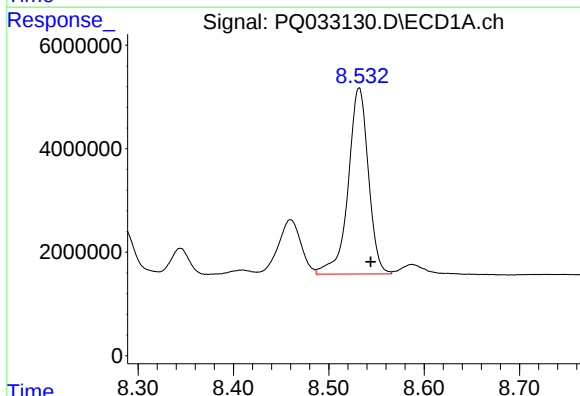
R.T.: 7.969 min
Delta R.T.: -0.011 min
Response: 22275639
Conc: 165.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



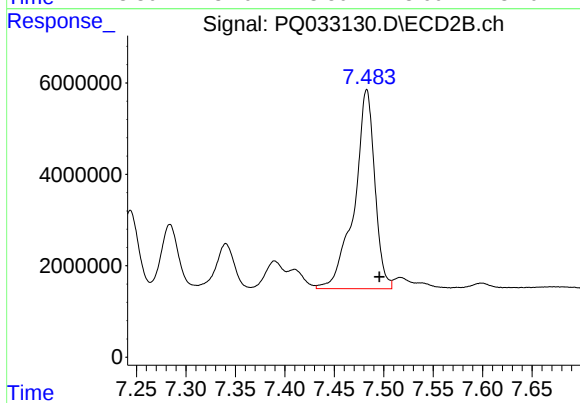
#36 AR-1262-1

R.T.: 6.980 min
Delta R.T.: -0.015 min
Response: 26167453
Conc: 203.62 ng/ml



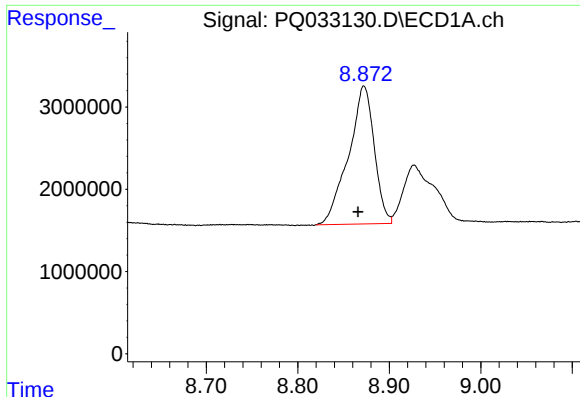
#37 AR-1262-2

R.T.: 8.532 min
Delta R.T.: -0.012 min
Response: 52872050
Conc: 213.82 ng/ml



#37 AR-1262-2

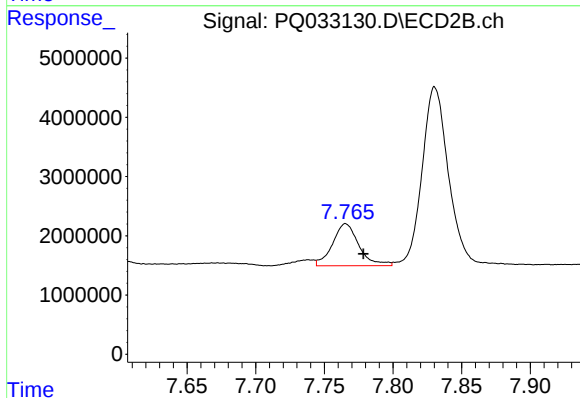
R.T.: 7.483 min
Delta R.T.: -0.013 min
Response: 62639419
Conc: 261.50 ng/ml



#38 AR-1262-3

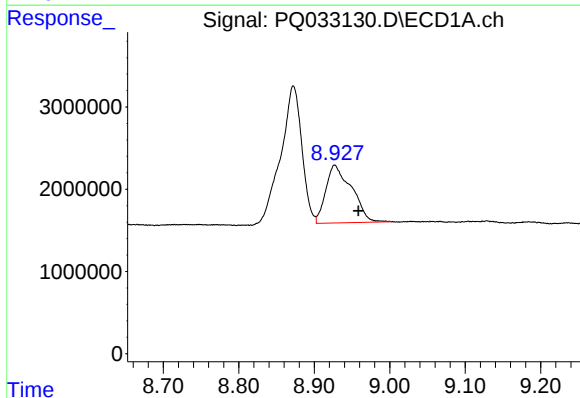
R.T.: 8.872 min
Delta R.T.: 0.006 min
Response: 32749822
Conc: 197.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



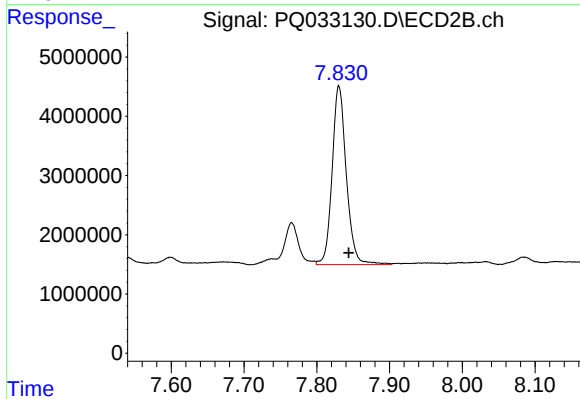
#38 AR-1262-3

R.T.: 7.766 min
Delta R.T.: -0.013 min
Response: 9459083
Conc: 101.55 ng/ml



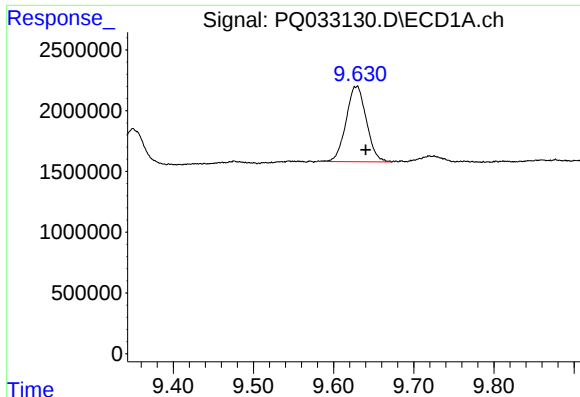
#39 AR-1262-4

R.T.: 8.927 min
Delta R.T.: -0.032 min
Response: 16703126
Conc: 245.09 ng/ml



#39 AR-1262-4

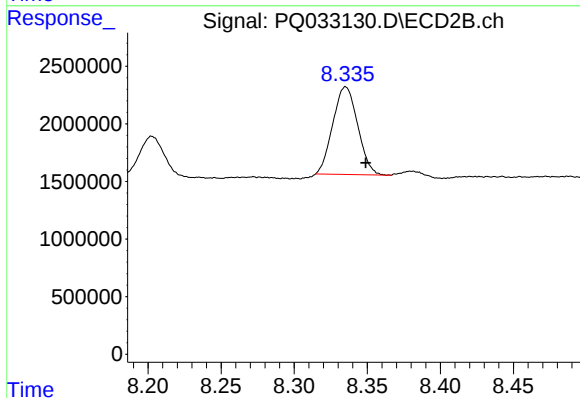
R.T.: 7.830 min
Delta R.T.: -0.013 min
Response: 40920656
Conc: 235.05 ng/ml



#40 AR-1262-5

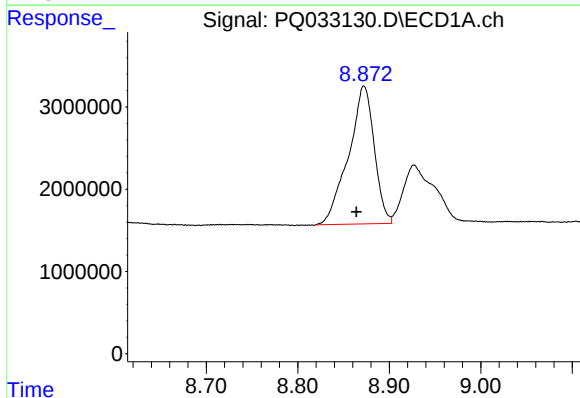
R.T.: 9.629 min
Delta R.T.: -0.011 min
Response: 10868015
Conc: 124.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



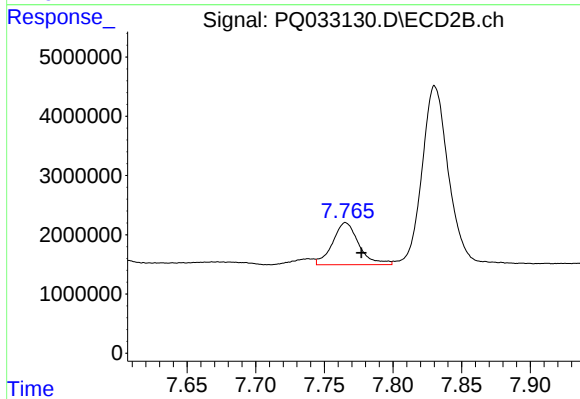
#40 AR-1262-5

R.T.: 8.335 min
Delta R.T.: -0.014 min
Response: 9022175
Conc: 111.81 ng/ml



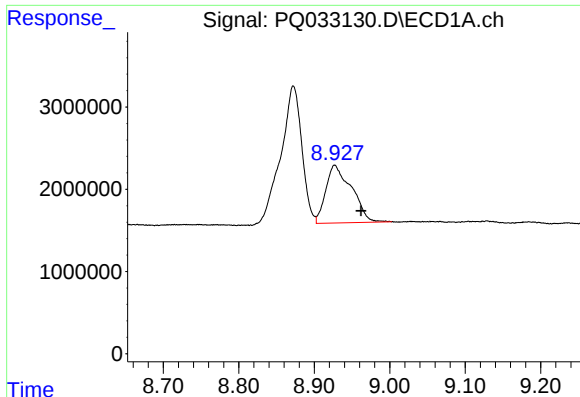
#41 AR-1268-1

R.T.: 8.872 min
Delta R.T.: 0.008 min
Response: 32749822
Conc: 89.30 ng/ml



#41 AR-1268-1

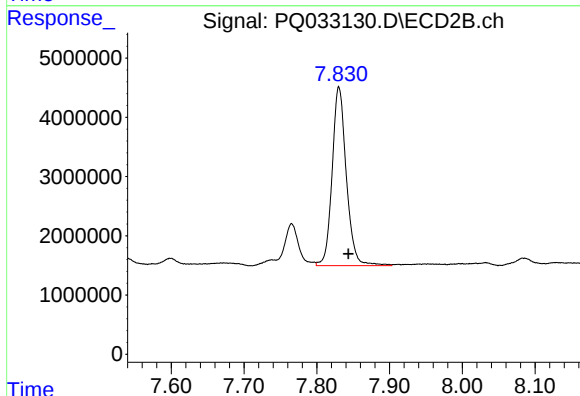
R.T.: 7.766 min
Delta R.T.: -0.011 min
Response: 9459083
Conc: 27.67 ng/ml



#42 AR-1268-2

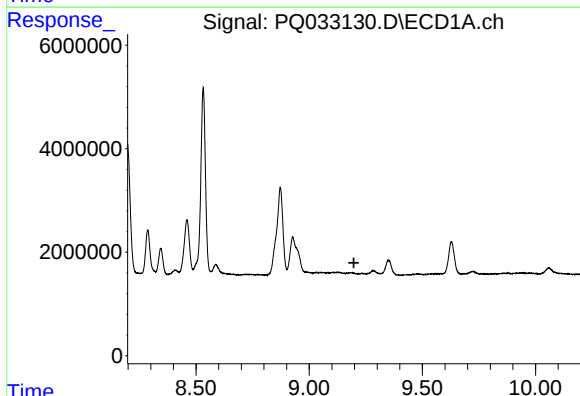
R.T.: 8.927 min
Delta R.T.: -0.035 min
Response: 16703126
Conc: 50.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



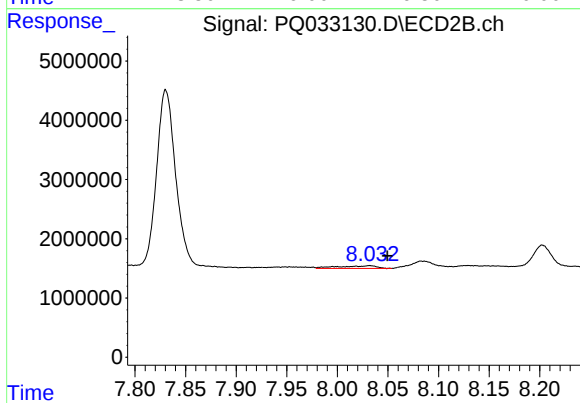
#42 AR-1268-2

R.T.: 7.830 min
Delta R.T.: -0.013 min
Response: 40920656
Conc: 132.42 ng/ml



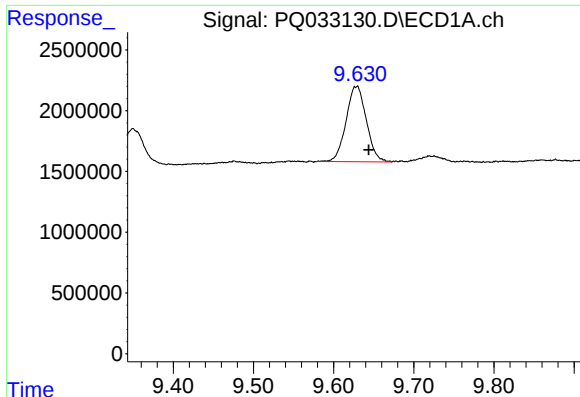
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.197 min
Response: 0
Conc: N.D.



#43 AR-1268-3

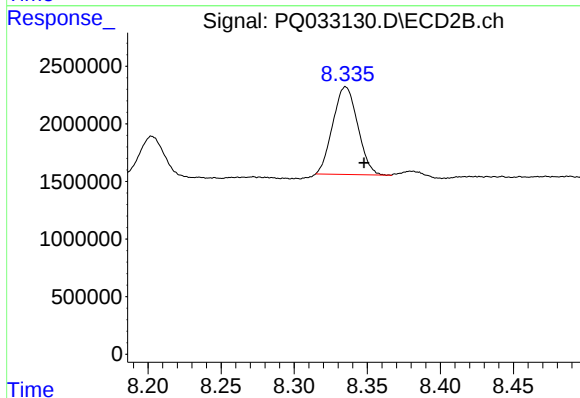
R.T.: 8.032 min
Delta R.T.: -0.018 min
Response: 1187128
Conc: 4.64 ng/ml



#44 AR-1268-4

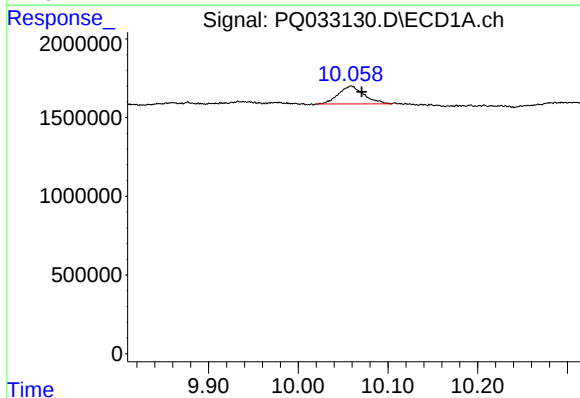
R.T.: 9.629 min
Delta R.T.: -0.015 min
Response: 10868015
Conc: 89.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



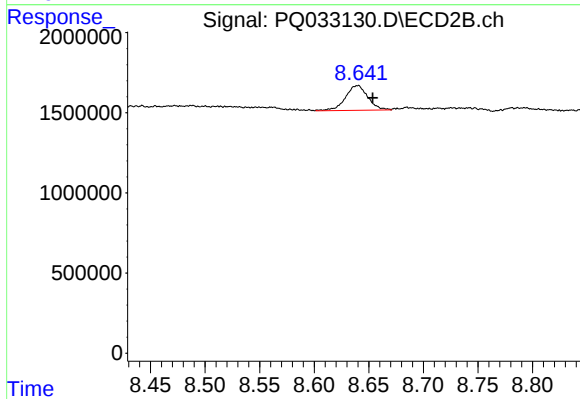
#44 AR-1268-4

R.T.: 8.335 min
Delta R.T.: -0.013 min
Response: 9022175
Conc: 81.79 ng/ml



#45 AR-1268-5

R.T.: 10.059 min
Delta R.T.: -0.012 min
Response: 2245297
Conc: 2.43 ng/ml



#45 AR-1268-5

R.T.: 8.640 min
Delta R.T.: -0.014 min
Response: 2196120
Conc: 2.63 ng/ml