

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092721\
 Data File : PQ054770.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Sep 2021 12:24
 Operator : AJ\MA
 Sample : M3920-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 S-828-N-SO-1-1.5-092321

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 28 01:57:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 15 05:25:53 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	5.200	4.206	509.5E6	264.6E6	21.333	20.018
2)	SA Decachlor...	11.366	9.533	236.3E6	177.0E6	13.998	13.061
Target Compounds							
3)	L1 AR-1016-1	6.549f	0.000	11289257	0	13.686	N.D. #
4)	L1 AR-1016-2	6.549	0.000	11289257	0	9.255	N.D. #
6)	L1 AR-1016-4	0.000	5.727	0	6245474	N.D.	22.486 #
7)	L1 AR-1016-5	7.037	0.000	8683578	0	15.284	N.D. #
9)	L2 AR-1221-2	5.558	4.541f	12685663	12647476	66.364	132.744 #
10)	L2 AR-1221-3	5.652	0.000	9783194	0	16.323	N.D. #
11)	L3 AR-1232-1	5.652	0.000	9783194	0	21.143	N.D. #
12)	L3 AR-1232-2	6.256f	0.000	50620779	0	178.838	N.D. #
13)	L3 AR-1232-3	6.549	0.000	11289257	0	21.470	N.D. #
15)	L3 AR-1232-5	6.816	0.000	7539492	0	37.288	N.D. #
16)	L4 AR-1242-1	6.549f	0.000	11289257	0	19.165	N.D. #
17)	L4 AR-1242-2	6.549	0.000	11289257	0	12.582	N.D. #
20)	L4 AR-1242-5	7.505	6.336	25825087	57866666	55.155	162.877 #
21)	L5 AR-1248-1	6.549f	0.000	11289257	0	22.556	N.D. #
22)	L5 AR-1248-2	6.816	5.727	7539492	6245474	11.605	17.535 #
23)	L5 AR-1248-3	7.037	0.000	8683578	0	12.143	N.D. #
24)	L5 AR-1248-4	7.467	0.000	20676148	0	26.136	N.D. #
25)	L5 AR-1248-5	7.505	0.000	25825087	0	32.182	N.D. #
26)	L6 AR-1254-1	7.432	6.336	109.9E6	57866666	126.148	75.960 #
27)	L6 AR-1254-2	7.658	6.494	157.0E6	91150428	117.363	130.256
28)	L6 AR-1254-3	8.048	6.933	119.1E6	193.1E6	85.529	175.197 #
29)	L6 AR-1254-4	8.335	7.153	107.3E6	43024061	100.721	56.901 #
30)	L6 AR-1254-5	8.766	7.581	546.2E6	428.0E6	475.283	386.742
31)	L7 AR-1260-1	8.208	7.051	351.6E6	273.9E6	354.300	364.662
32)	L7 AR-1260-2	8.472	7.248	554.8E6	376.6E6	471.521	363.929
33)	L7 AR-1260-3	8.837	7.402	292.9E6	310.2E6	382.408	350.790
34)	L7 AR-1260-4	9.079	7.885	357.9E6	237.0E6	383.199	342.447
35)	L7 AR-1260-5	9.423	8.131	664.0E6	700.2E6	360.157	366.334
36)	L8 AR-1262-1	8.837	7.581	292.9E6	428.0E6	249.259	828.397 #
37)	L8 AR-1262-2	9.423	8.131	664.0E6	700.2E6	306.126	316.128
38)	L8 AR-1262-3	9.754	8.417	122.8E6	132.3E6	137.910	149.103
39)	L8 AR-1262-4	9.836f	8.481	244.8E6	429.3E6	433.932	282.249 #
40)	L8 AR-1262-5	10.563	8.982	169.5E6	128.2E6	220.520	186.658
41)	L9 AR-1268-1	9.754	8.417	122.8E6	132.3E6	48.981	48.744
42)	L9 AR-1268-2	9.836f	8.481	244.8E6	429.3E6	107.029	186.321 #
43)	L9 AR-1268-3	10.095	8.695	5167609	24645400	2.691	12.229 #
44)	L9 AR-1268-4	10.563	8.982	169.5E6	128.2E6	198.607	164.901
45)	L9 AR-1268-5	11.005	9.278	45588888	24855591	7.232	4.322 #

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Acq On : 27 Sep 2021 12:24
Operator : AJ\MA
Sample : M3920-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-1-1.5-092321

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 28 01:57:36 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091421.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 15 05:25:53 2021
Response via : Initial Calibration
Integrator: ChemStation

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

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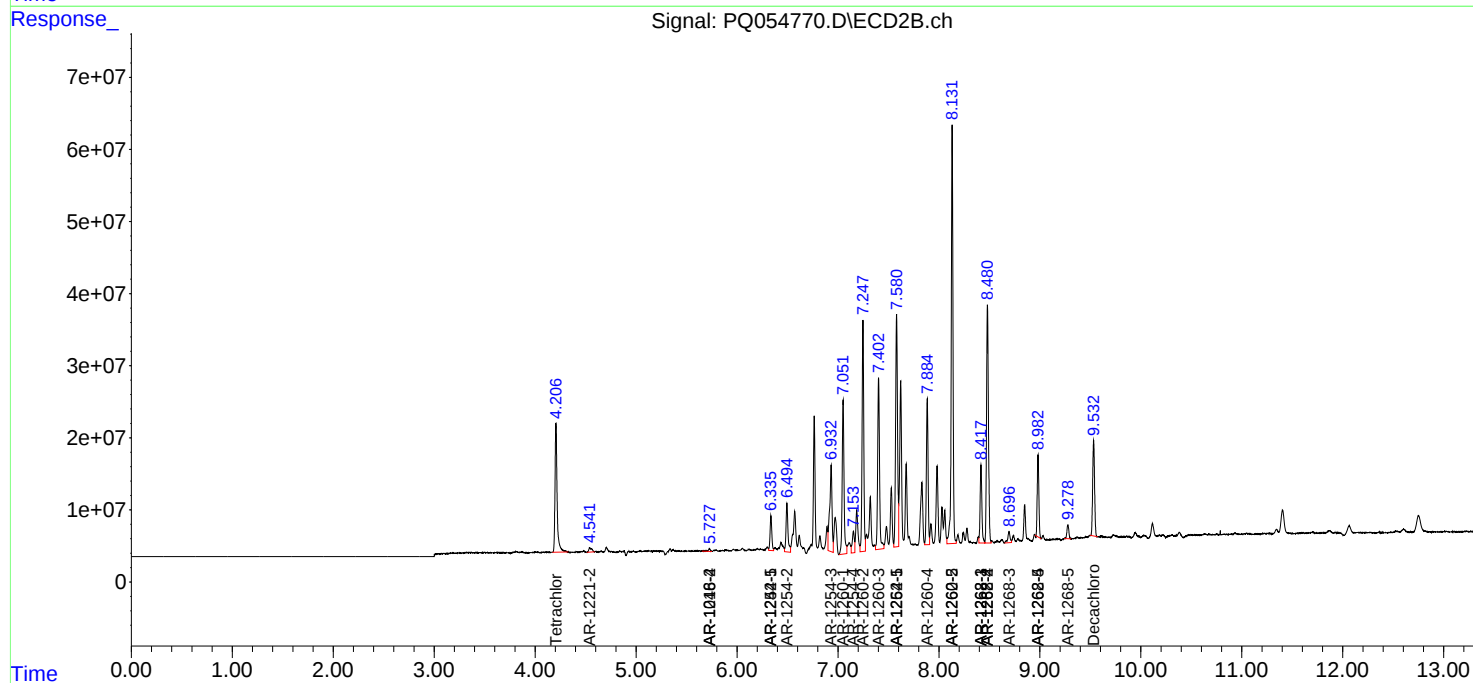
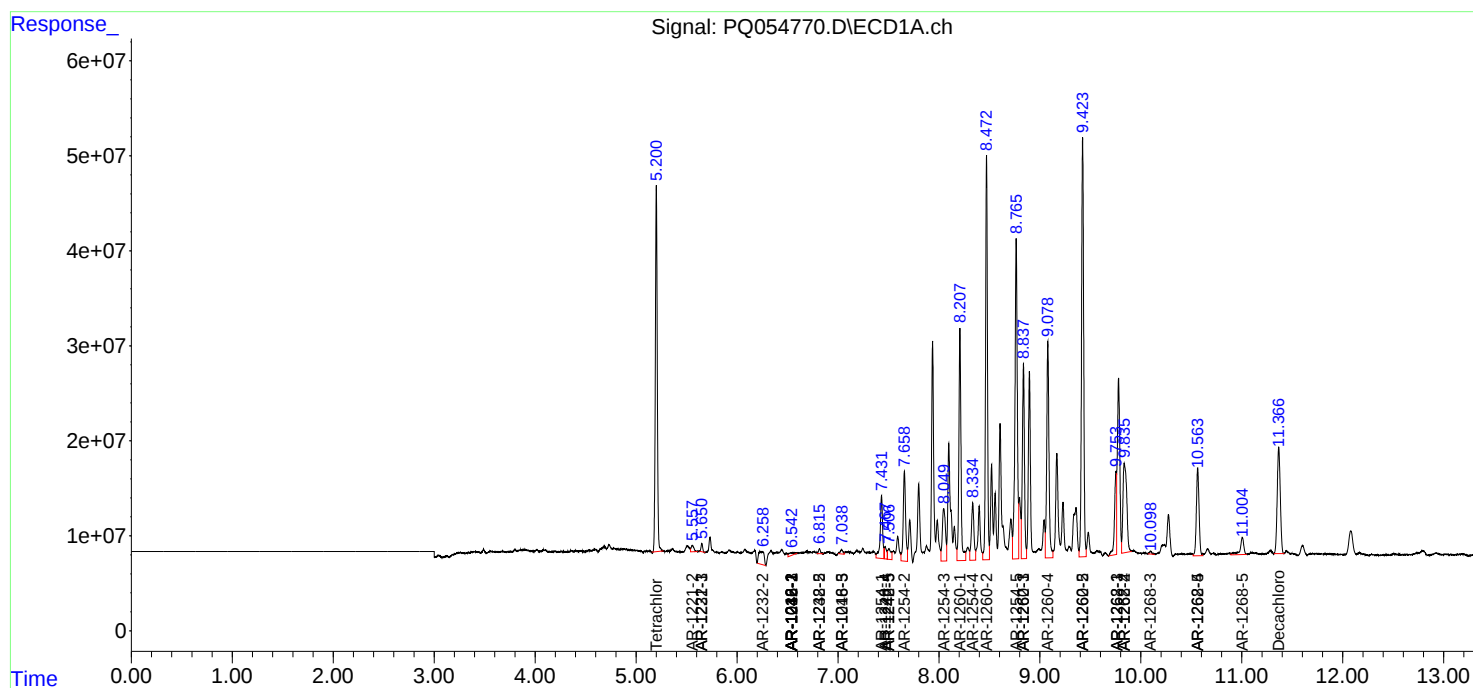
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

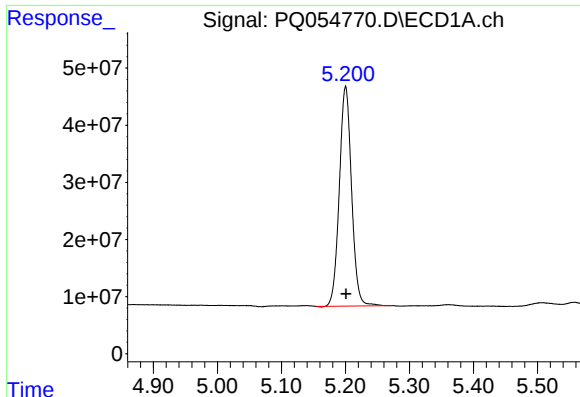
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092721\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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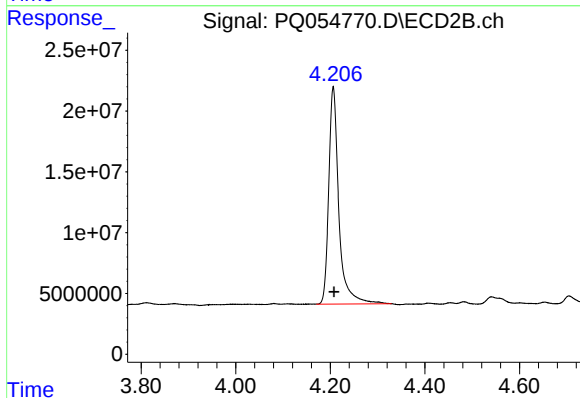




#1 Tetrachloro-m-xylene

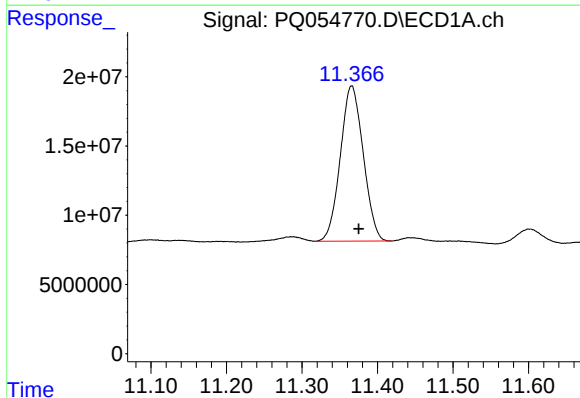
R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 509462312
Conc: 21.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-1-1.5-092321



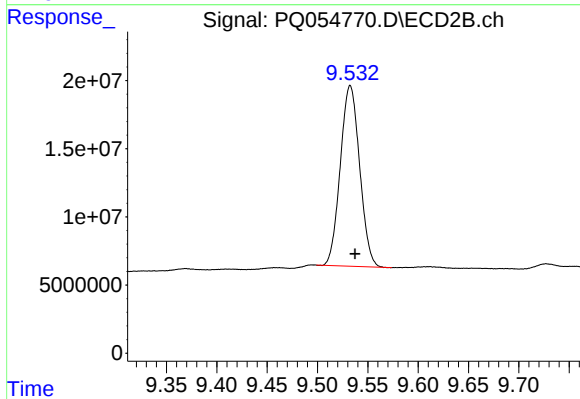
#1 Tetrachloro-m-xylene

R.T.: 4.206 min
Delta R.T.: -0.002 min
Response: 264631679
Conc: 20.02 ng/ml



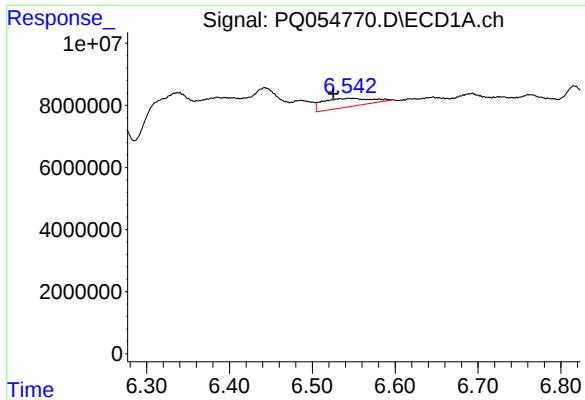
#2 Decachlorobiphenyl

R.T.: 11.366 min
Delta R.T.: -0.009 min
Response: 236254304
Conc: 14.00 ng/ml



#2 Decachlorobiphenyl

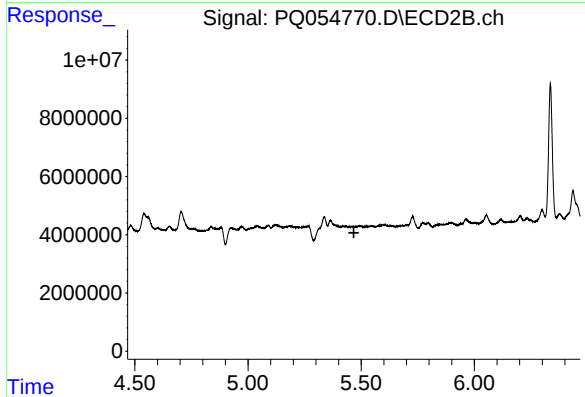
R.T.: 9.533 min
Delta R.T.: -0.005 min
Response: 177004339
Conc: 13.06 ng/ml



#3 AR-1016-1

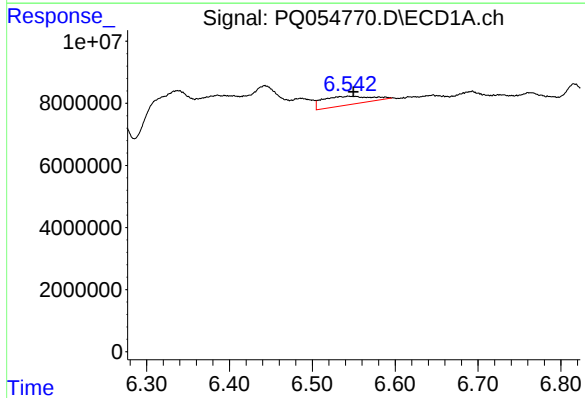
R.T.: 6.549 min
Delta R.T.: 0.024 min
Response: 11289257
Conc: 13.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-1-1.5-092321



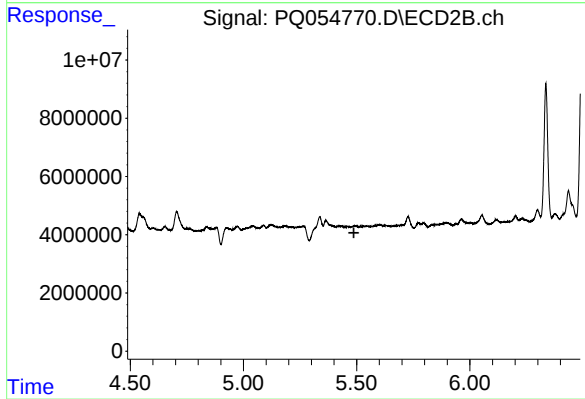
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.468 min
Response: 0
Conc: N.D.



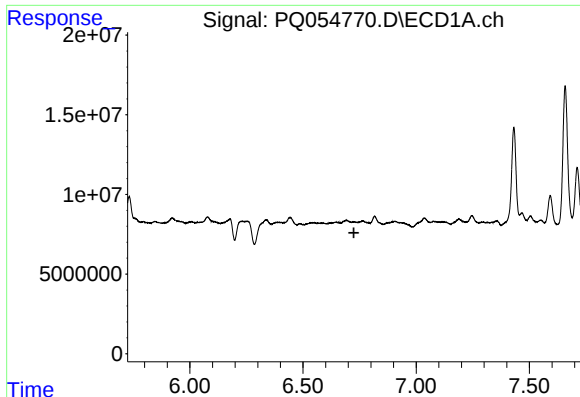
#4 AR-1016-2

R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 11289257
Conc: 9.25 ng/ml



#4 AR-1016-2

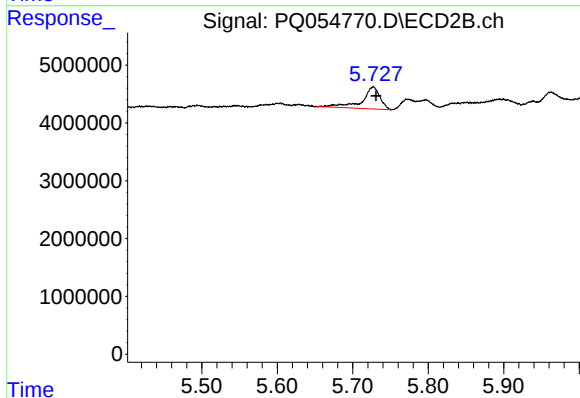
R.T.: 0.000 min
Exp R.T. : 5.488 min
Response: 0
Conc: N.D.



#6 AR-1016-4

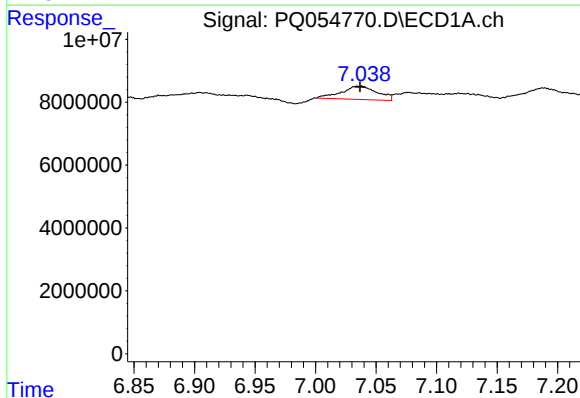
R.T.: 0.000 min
Exp R.T.: 6.725 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-1-1.5-092321



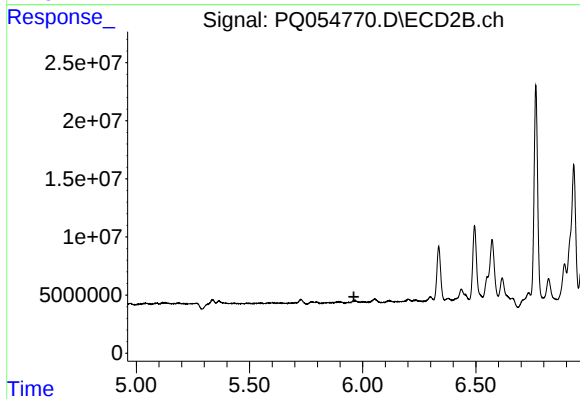
#6 AR-1016-4

R.T.: 5.727 min
Delta R.T.: -0.004 min
Response: 6245474
Conc: 22.49 ng/ml



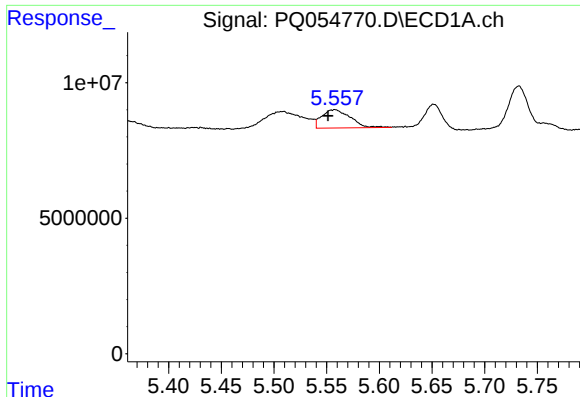
#7 AR-1016-5

R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 8683578
Conc: 15.28 ng/ml



#7 AR-1016-5

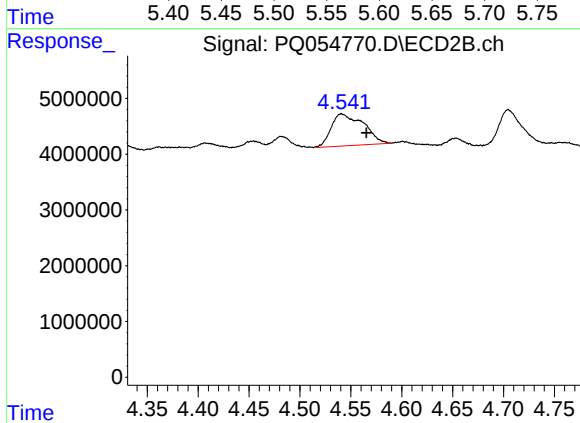
R.T.: 0.000 min
Exp R.T.: 5.961 min
Response: 0
Conc: N.D.



#9 AR-1221-2

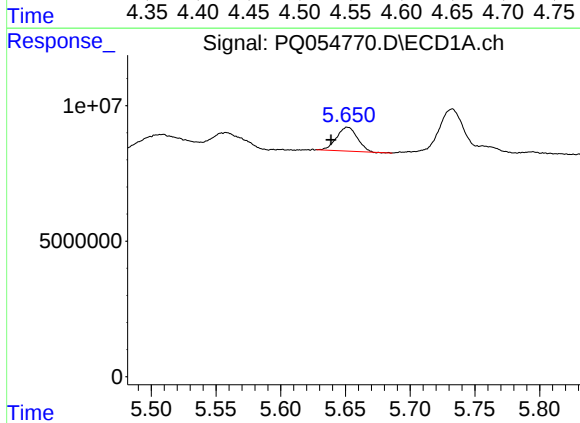
R.T.: 5.558 min
Delta R.T.: 0.007 min
Response: 12685663
Conc: 66.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-1-1.5-092321



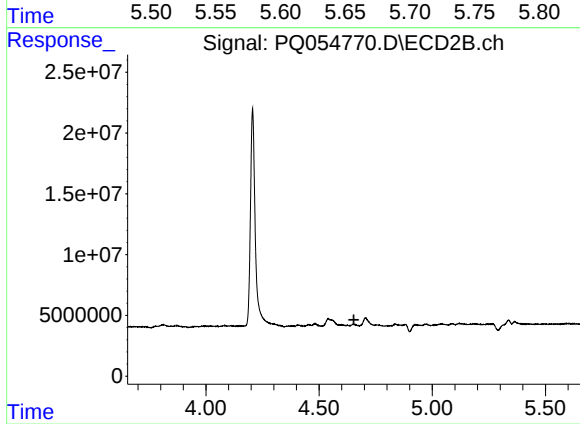
#9 AR-1221-2

R.T.: 4.541 min
Delta R.T.: -0.024 min
Response: 12647476
Conc: 132.74 ng/ml



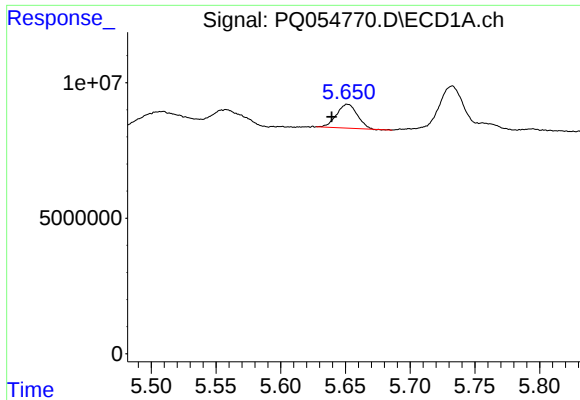
#10 AR-1221-3

R.T.: 5.652 min
Delta R.T.: 0.013 min
Response: 9783194
Conc: 16.32 ng/ml



#10 AR-1221-3

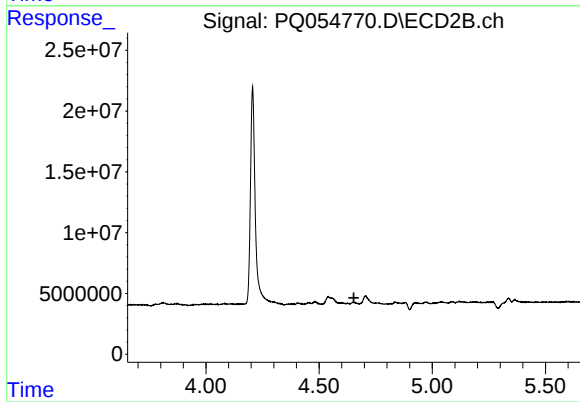
R.T.: 0.000 min
Exp R.T.: 4.654 min
Response: 0
Conc: N.D.



#11 AR-1232-1

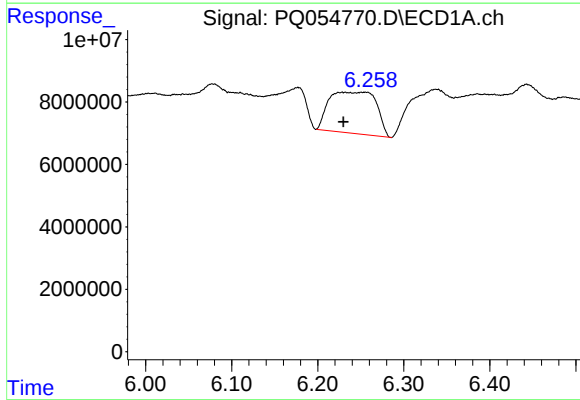
R.T.: 5.652 min
Delta R.T.: 0.012 min
Response: 9783194
Conc: 21.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-1-1.5-092321



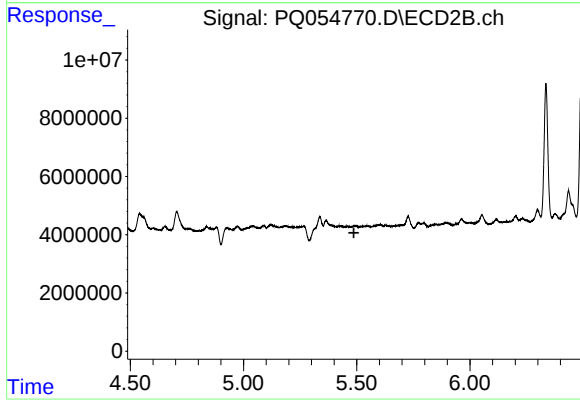
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.654 min
Response: 0
Conc: N.D.



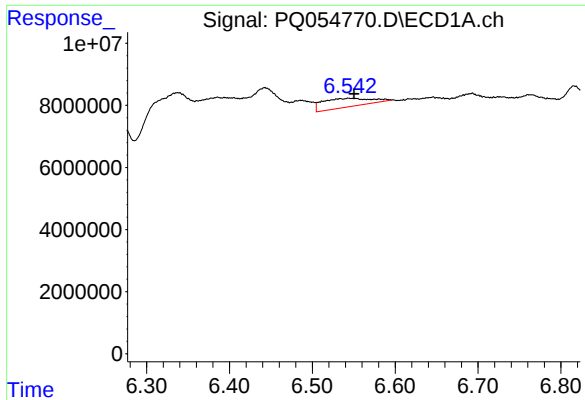
#12 AR-1232-2

R.T.: 6.256 min
Delta R.T.: 0.026 min
Response: 50620779
Conc: 178.84 ng/ml



#12 AR-1232-2

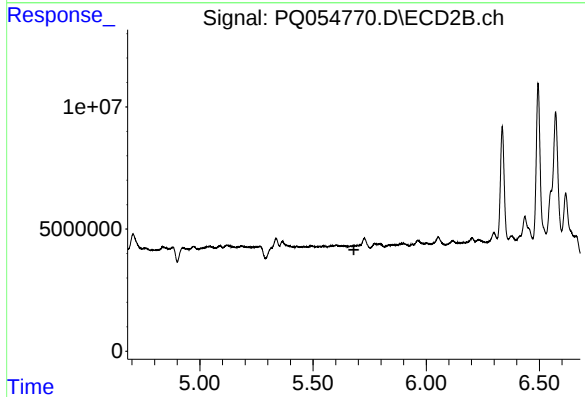
R.T.: 0.000 min
Exp R.T. : 5.487 min
Response: 0
Conc: N.D.



#13 AR-1232-3

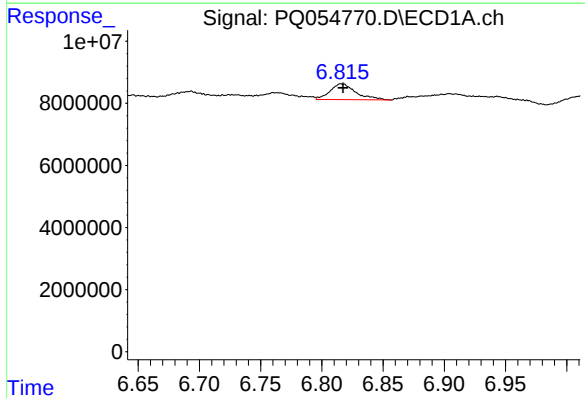
R.T.: 6.549 min
Delta R.T.: -0.001 min
Response: 11289257
Conc: 21.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-1-1.5-092321



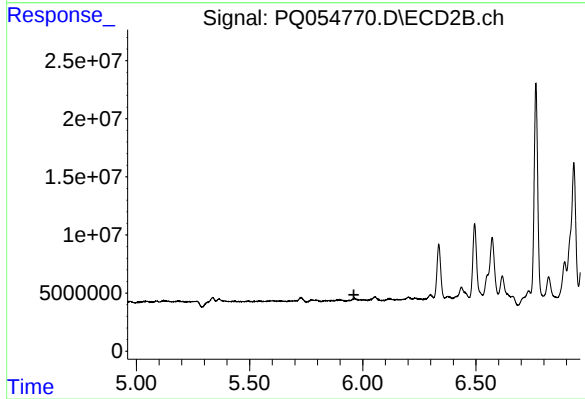
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.681 min
Response: 0
Conc: N.D.



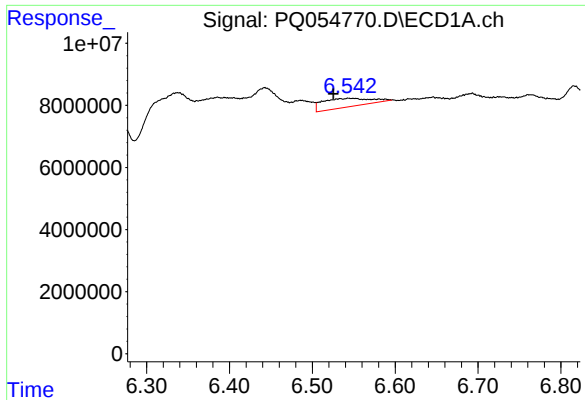
#15 AR-1232-5

R.T.: 6.816 min
Delta R.T.: -0.001 min
Response: 7539492
Conc: 37.29 ng/ml



#15 AR-1232-5

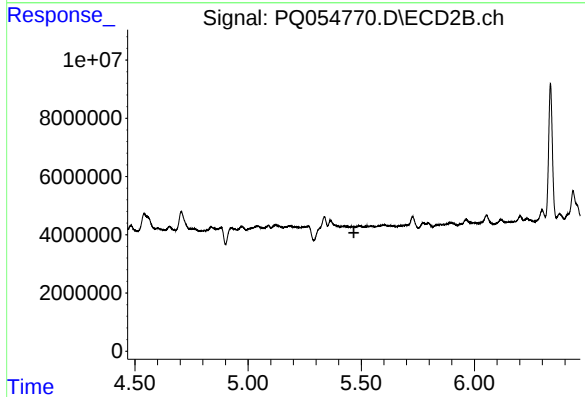
R.T.: 0.000 min
Exp R.T. : 5.961 min
Response: 0
Conc: N.D.



#16 AR-1242-1

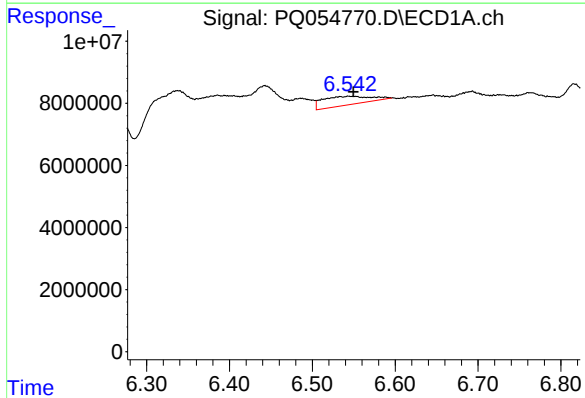
R.T.: 6.549 min
Delta R.T.: 0.024 min
Response: 11289257
Conc: 19.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-1-1.5-092321



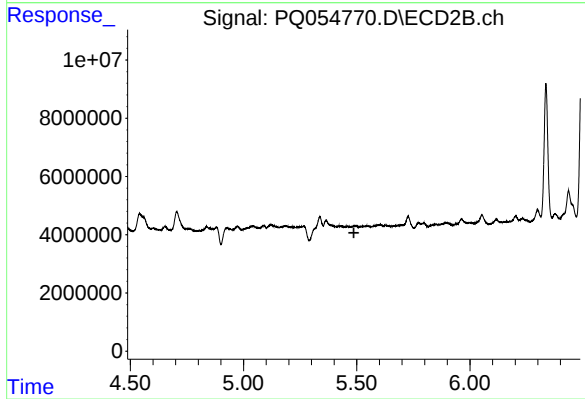
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.467 min
Response: 0
Conc: N.D.



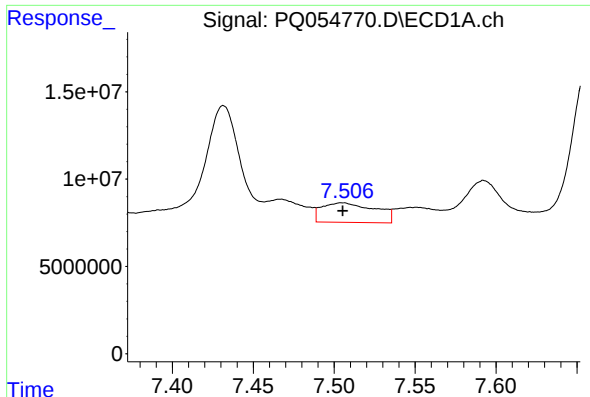
#17 AR-1242-2

R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 11289257
Conc: 12.58 ng/ml



#17 AR-1242-2

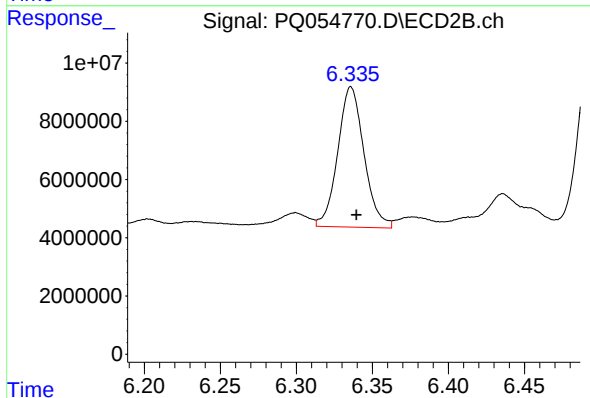
R.T.: 0.000 min
Exp R.T. : 5.488 min
Response: 0
Conc: N.D.



#20 AR-1242-5

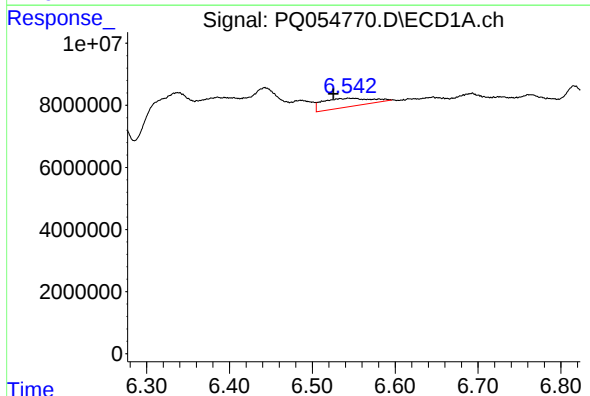
R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 25825087
Conc: 55.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-1-1.5-092321



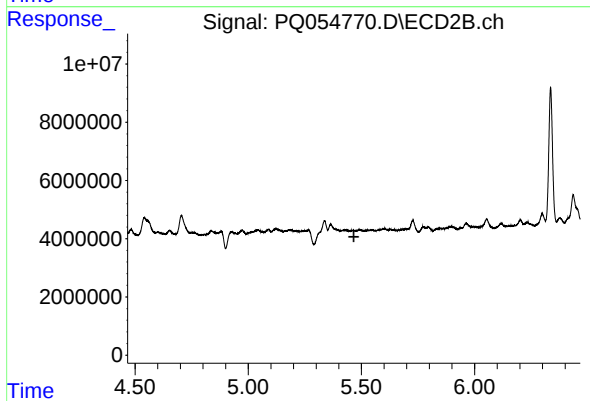
#20 AR-1242-5

R.T.: 6.336 min
Delta R.T.: -0.004 min
Response: 57866666
Conc: 162.88 ng/ml



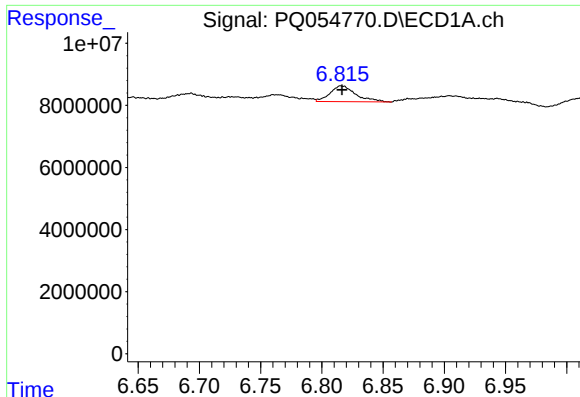
#21 AR-1248-1

R.T.: 6.549 min
Delta R.T.: 0.024 min
Response: 11289257
Conc: 22.56 ng/ml



#21 AR-1248-1

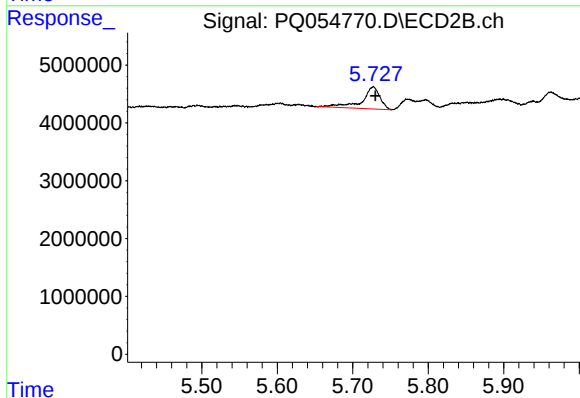
R.T.: 0.000 min
Exp R.T.: 5.467 min
Response: 0
Conc: N.D.



#22 AR-1248-2

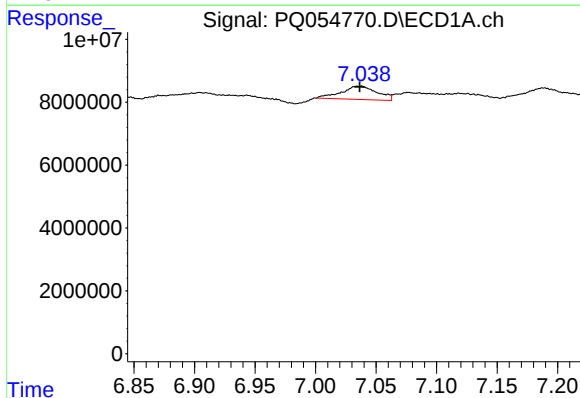
R.T.: 6.816 min
Delta R.T.: 0.000 min
Response: 7539492
Conc: 11.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-1-1.5-092321



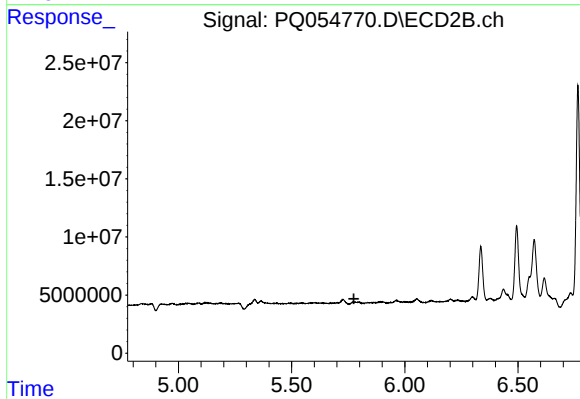
#22 AR-1248-2

R.T.: 5.727 min
Delta R.T.: -0.003 min
Response: 6245474
Conc: 17.53 ng/ml



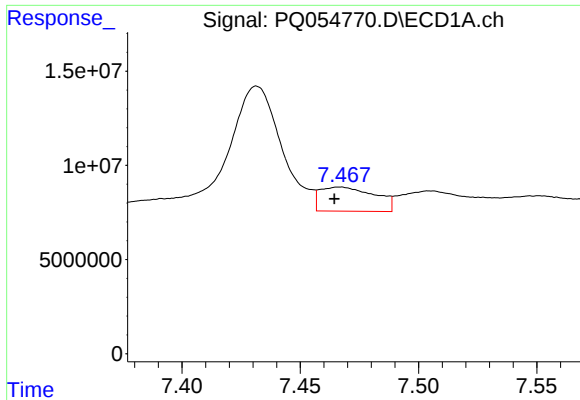
#23 AR-1248-3

R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 8683578
Conc: 12.14 ng/ml



#23 AR-1248-3

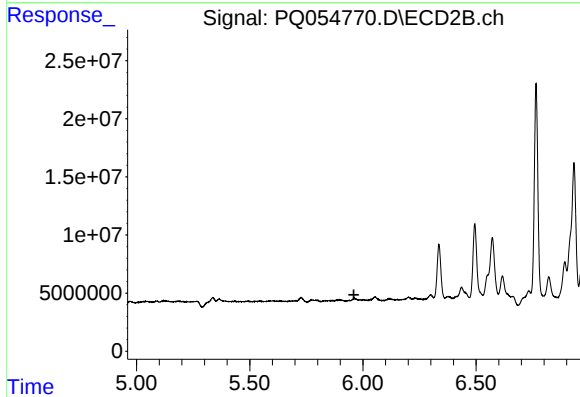
R.T.: 0.000 min
Exp R.T.: 5.775 min
Response: 0
Conc: N.D.



#24 AR-1248-4

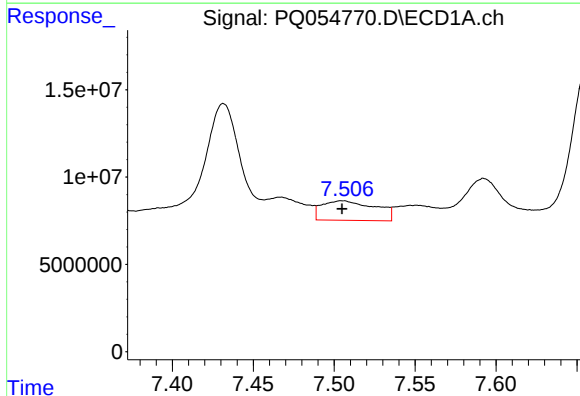
R.T.: 7.467 min
Delta R.T.: 0.002 min
Response: 20676148
Conc: 26.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-1-1.5-092321



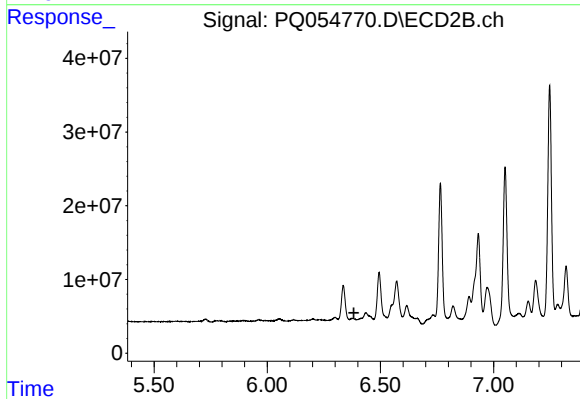
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.960 min
Response: 0
Conc: N.D.



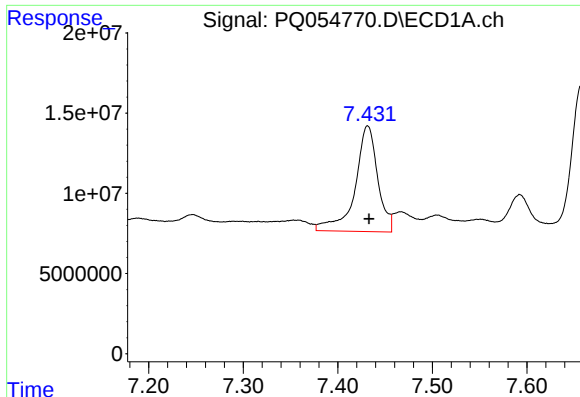
#25 AR-1248-5

R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 25825087
Conc: 32.18 ng/ml



#25 AR-1248-5

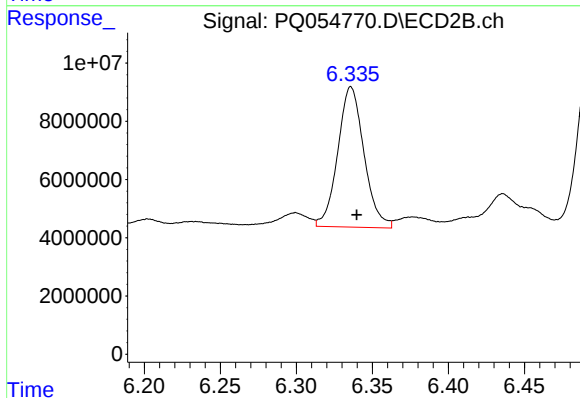
R.T.: 0.000 min
Exp R.T. : 6.383 min
Response: 0
Conc: N.D.



#26 AR-1254-1

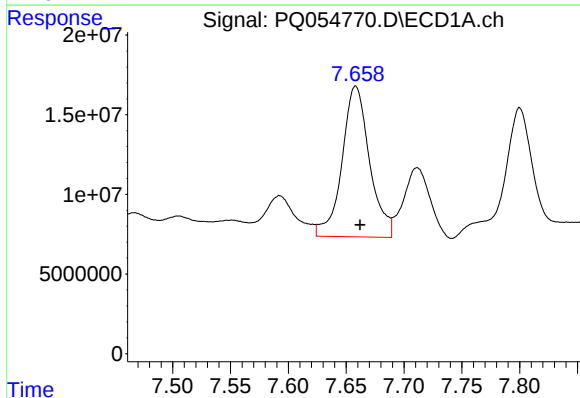
R.T.: 7.432 min
Delta R.T.: -0.001 min
Response: 109885723
Conc: 126.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-1-1.5-092321



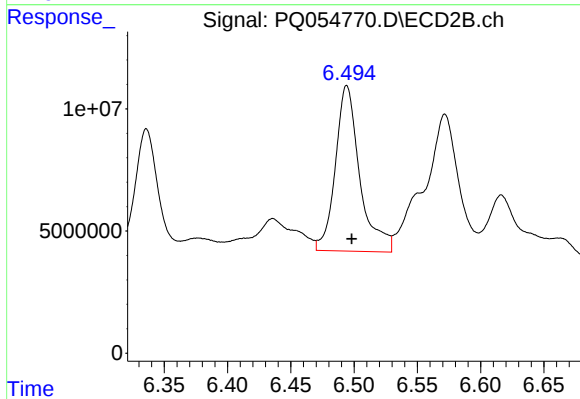
#26 AR-1254-1

R.T.: 6.336 min
Delta R.T.: -0.004 min
Response: 57866666
Conc: 75.96 ng/ml



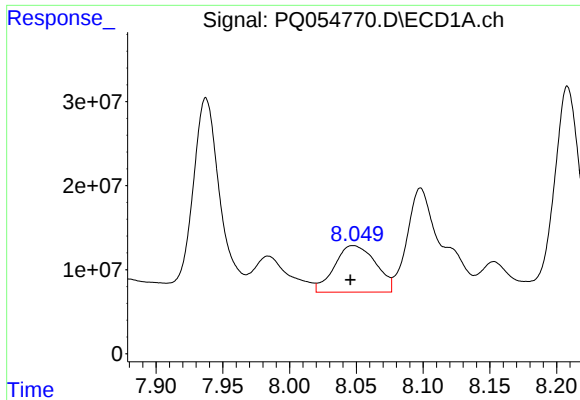
#27 AR-1254-2

R.T.: 7.658 min
Delta R.T.: -0.004 min
Response: 156985335
Conc: 117.36 ng/ml



#27 AR-1254-2

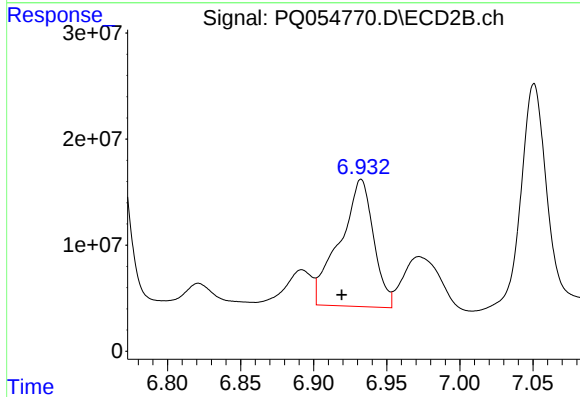
R.T.: 6.494 min
Delta R.T.: -0.004 min
Response: 91150428
Conc: 130.26 ng/ml



#28 AR-1254-3

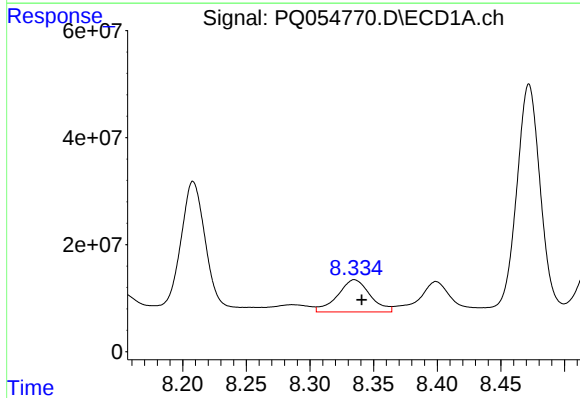
R.T.: 8.048 min
Delta R.T.: 0.002 min
Response: 119120663
Conc: 85.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-1-1.5-092321



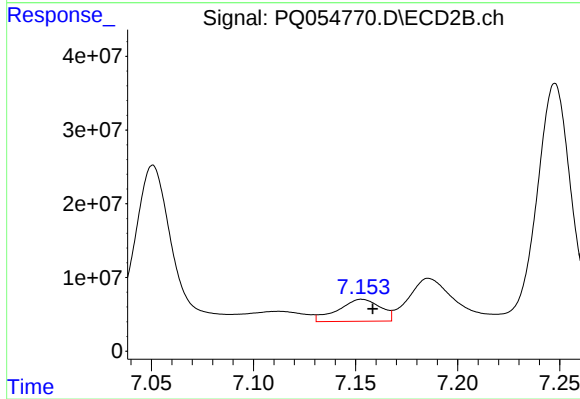
#28 AR-1254-3

R.T.: 6.933 min
Delta R.T.: 0.013 min
Response: 193141289
Conc: 175.20 ng/ml



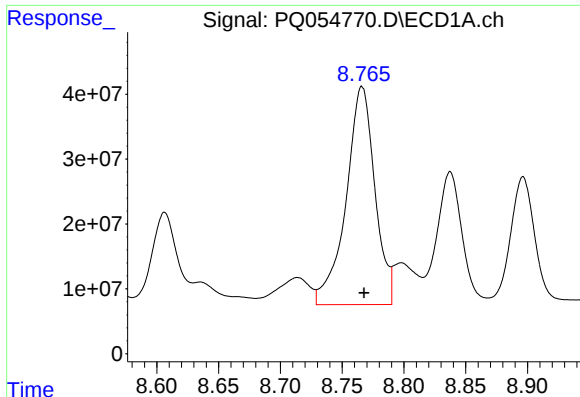
#29 AR-1254-4

R.T.: 8.335 min
Delta R.T.: -0.006 min
Response: 107299735
Conc: 100.72 ng/ml



#29 AR-1254-4

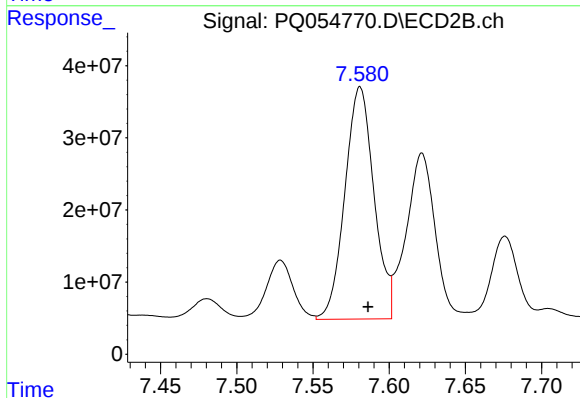
R.T.: 7.153 min
Delta R.T.: -0.005 min
Response: 43024061
Conc: 56.90 ng/ml



#30 AR-1254-5

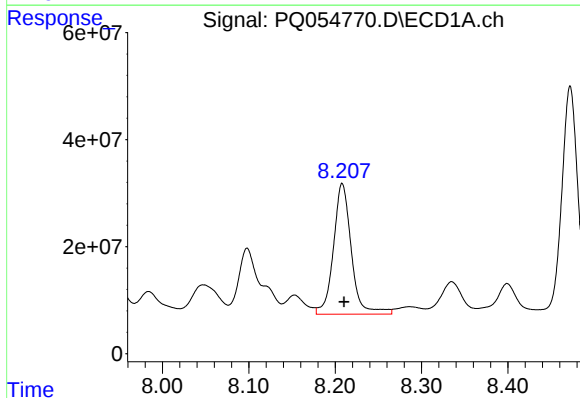
R.T.: 8.766 min
Delta R.T.: -0.002 min
Response: 546233863
Conc: 475.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-1-1.5-092321



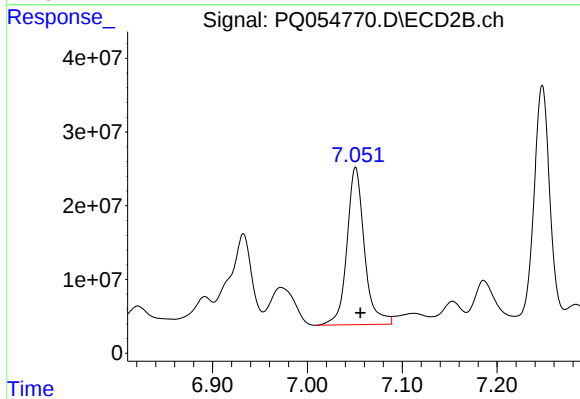
#30 AR-1254-5

R.T.: 7.581 min
Delta R.T.: -0.005 min
Response: 428015554
Conc: 386.74 ng/ml



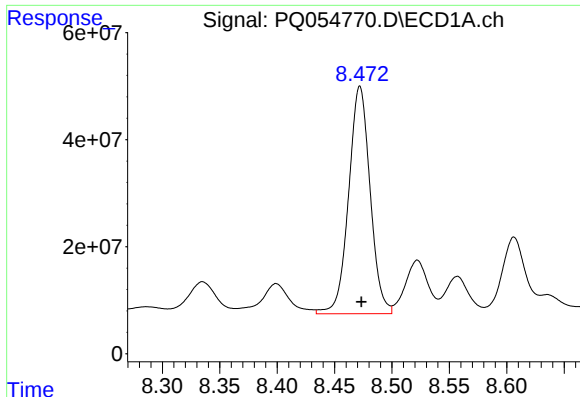
#31 AR-1260-1

R.T.: 8.208 min
Delta R.T.: -0.002 min
Response: 351605074
Conc: 354.30 ng/ml



#31 AR-1260-1

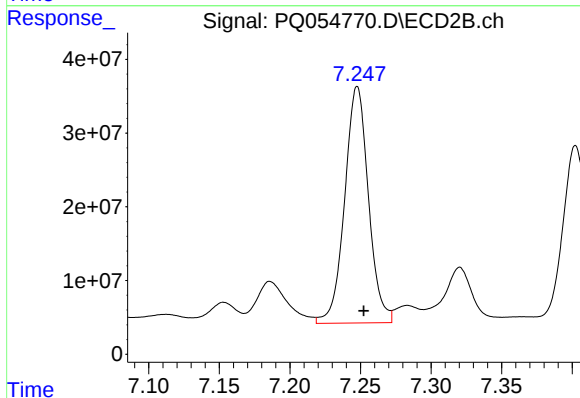
R.T.: 7.051 min
Delta R.T.: -0.005 min
Response: 273852141
Conc: 364.66 ng/ml



#32 AR-1260-2

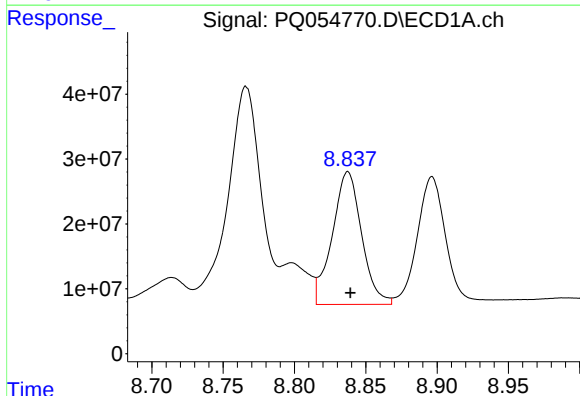
R.T.: 8.472 min
Delta R.T.: -0.001 min
Response: 554843705
Conc: 471.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-1-1.5-092321



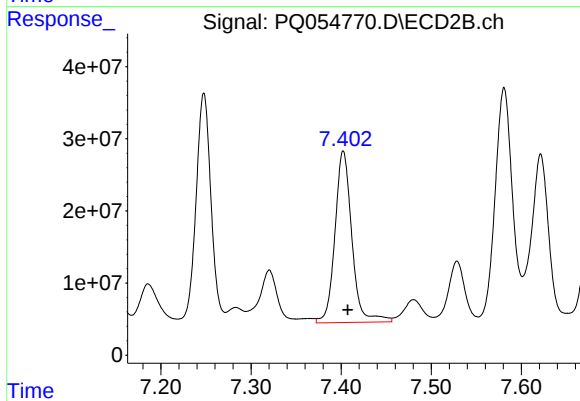
#32 AR-1260-2

R.T.: 7.248 min
Delta R.T.: -0.005 min
Response: 376630199
Conc: 363.93 ng/ml



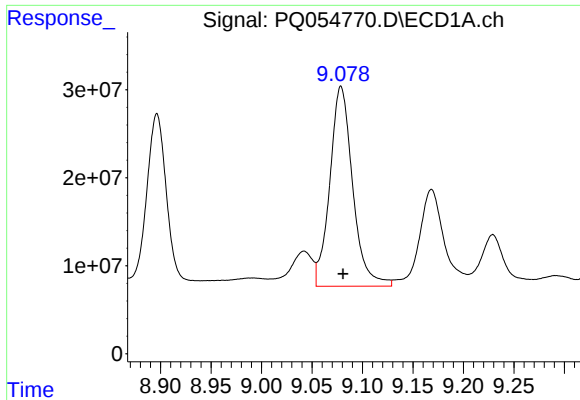
#33 AR-1260-3

R.T.: 8.837 min
Delta R.T.: -0.002 min
Response: 292881234
Conc: 382.41 ng/ml



#33 AR-1260-3

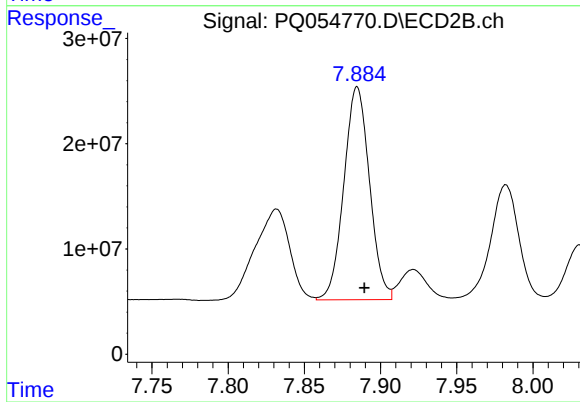
R.T.: 7.402 min
Delta R.T.: -0.005 min
Response: 310150459
Conc: 350.79 ng/ml



#34 AR-1260-4

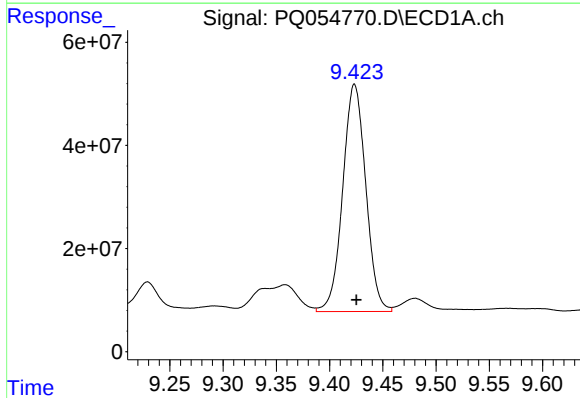
R.T.: 9.079 min
Delta R.T.: -0.002 min
Response: 357942871
Conc: 383.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-1-1.5-092321



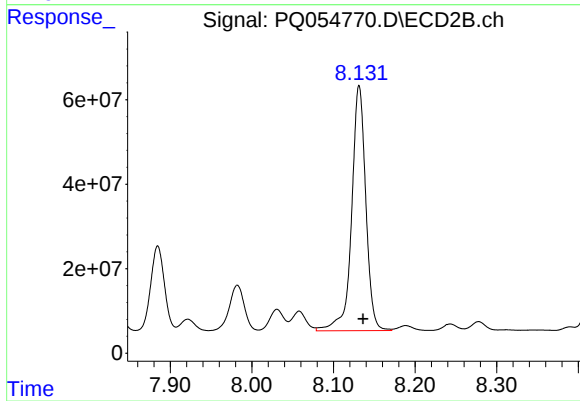
#34 AR-1260-4

R.T.: 7.885 min
Delta R.T.: -0.005 min
Response: 236962505
Conc: 342.45 ng/ml



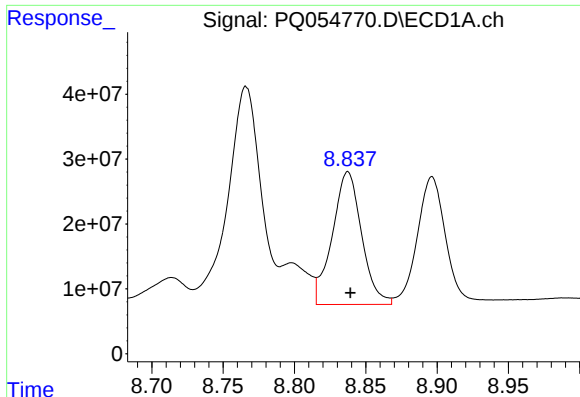
#35 AR-1260-5

R.T.: 9.423 min
Delta R.T.: -0.002 min
Response: 663959029
Conc: 360.16 ng/ml



#35 AR-1260-5

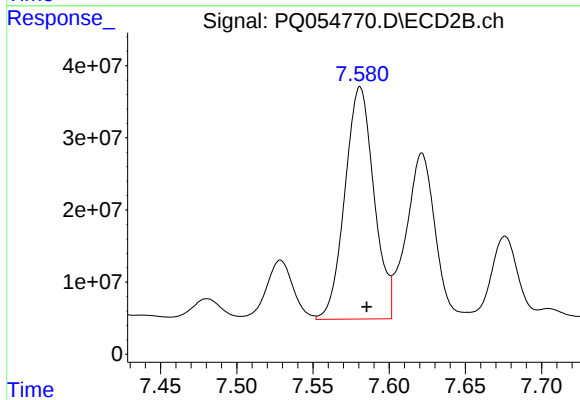
R.T.: 8.131 min
Delta R.T.: -0.005 min
Response: 700192393
Conc: 366.33 ng/ml



#36 AR-1262-1

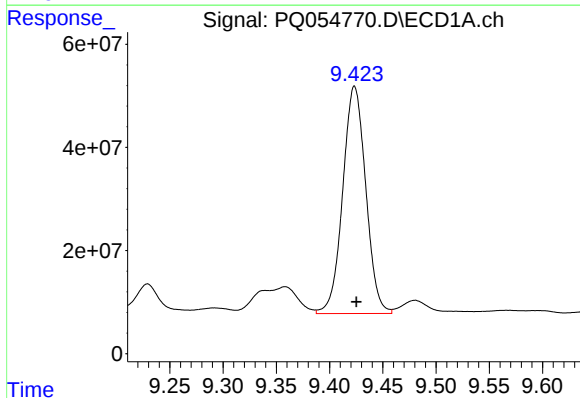
R.T.: 8.837 min
Delta R.T.: -0.002 min
Response: 292881234
Conc: 249.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-1-1.5-092321



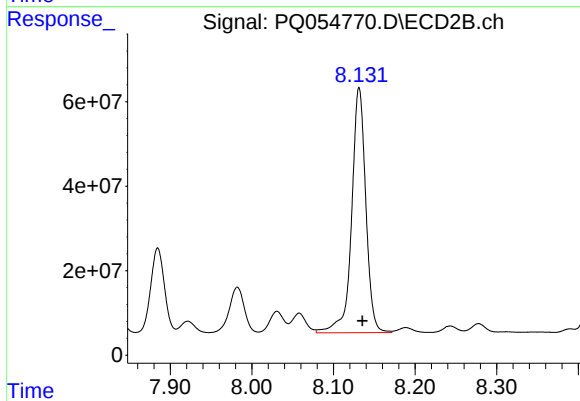
#36 AR-1262-1

R.T.: 7.581 min
Delta R.T.: -0.004 min
Response: 428015554
Conc: 828.40 ng/ml



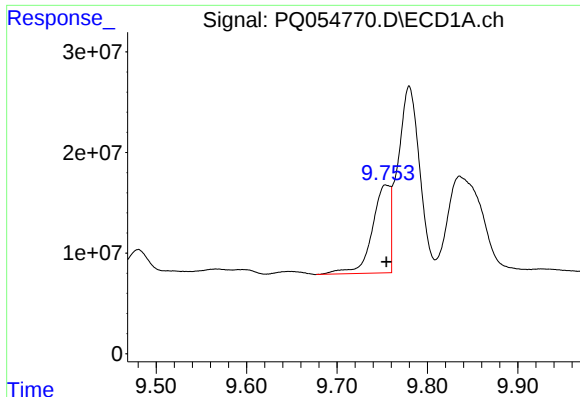
#37 AR-1262-2

R.T.: 9.423 min
Delta R.T.: -0.002 min
Response: 663959029
Conc: 306.13 ng/ml



#37 AR-1262-2

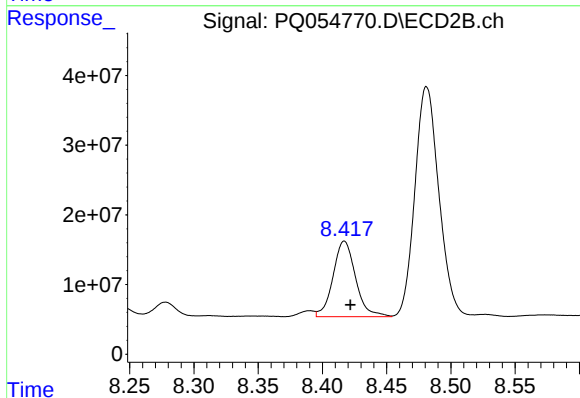
R.T.: 8.131 min
Delta R.T.: -0.004 min
Response: 700192393
Conc: 316.13 ng/ml



#38 AR-1262-3

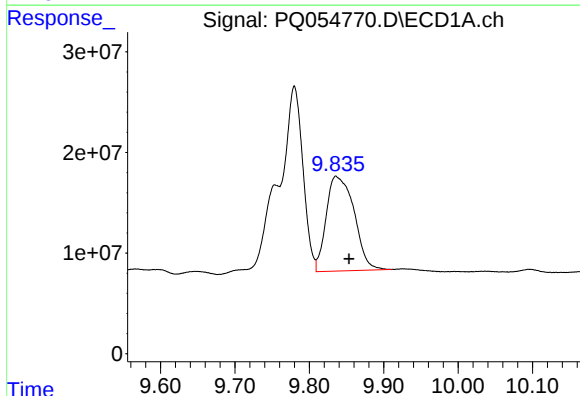
R.T.: 9.754 min
Delta R.T.: 0.000 min
Response: 122838653
Conc: 137.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-1-1.5-092321



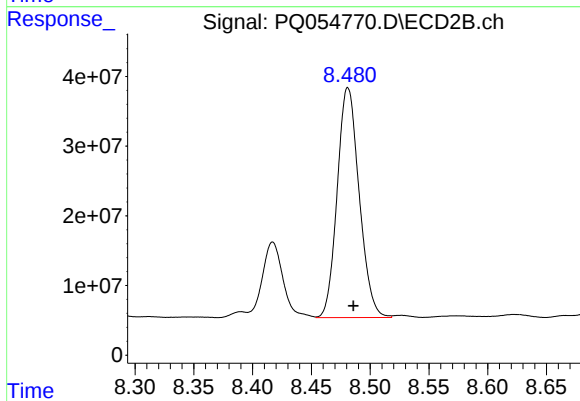
#38 AR-1262-3

R.T.: 8.417 min
Delta R.T.: -0.005 min
Response: 132298286
Conc: 149.10 ng/ml



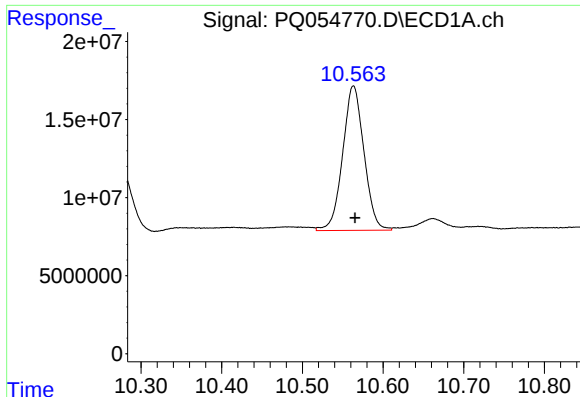
#39 AR-1262-4

R.T.: 9.836 min
Delta R.T.: -0.018 min
Response: 244788634
Conc: 433.93 ng/ml



#39 AR-1262-4

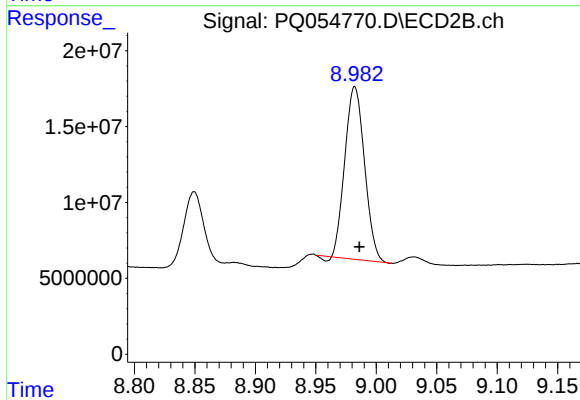
R.T.: 8.481 min
Delta R.T.: -0.005 min
Response: 429258259
Conc: 282.25 ng/ml



#40 AR-1262-5

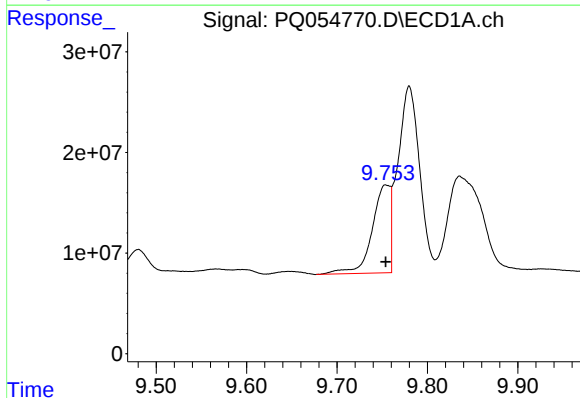
R.T.: 10.563 min
Delta R.T.: -0.002 min
Response: 169478045
Conc: 220.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-1-1.5-092321



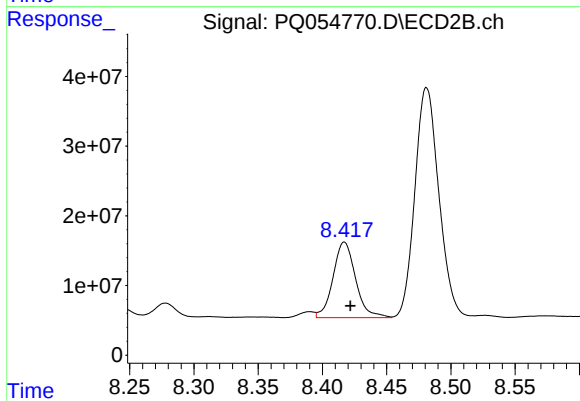
#40 AR-1262-5

R.T.: 8.982 min
Delta R.T.: -0.004 min
Response: 128193513
Conc: 186.66 ng/ml



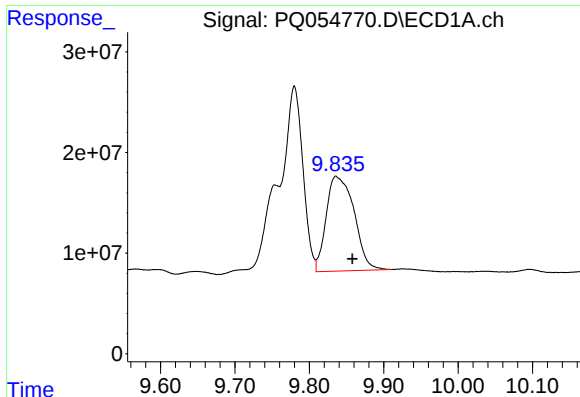
#41 AR-1268-1

R.T.: 9.754 min
Delta R.T.: 0.000 min
Response: 122838653
Conc: 48.98 ng/ml



#41 AR-1268-1

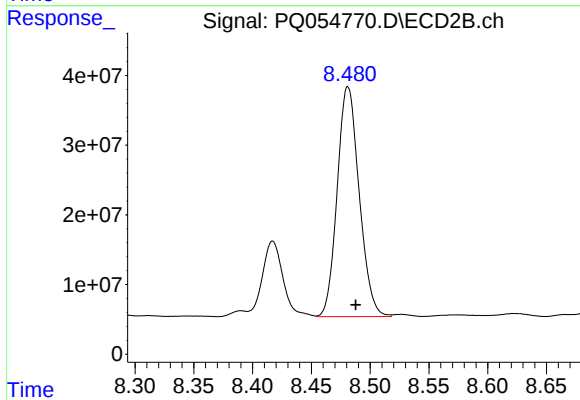
R.T.: 8.417 min
Delta R.T.: -0.005 min
Response: 132298286
Conc: 48.74 ng/ml



#42 AR-1268-2

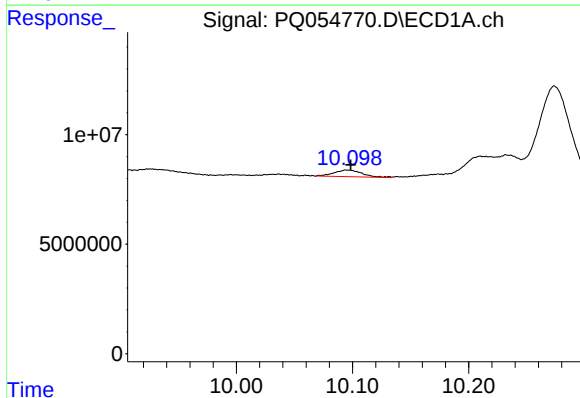
R.T.: 9.836 min
Delta R.T.: -0.022 min
Response: 244788634
Conc: 107.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-1-1.5-092321



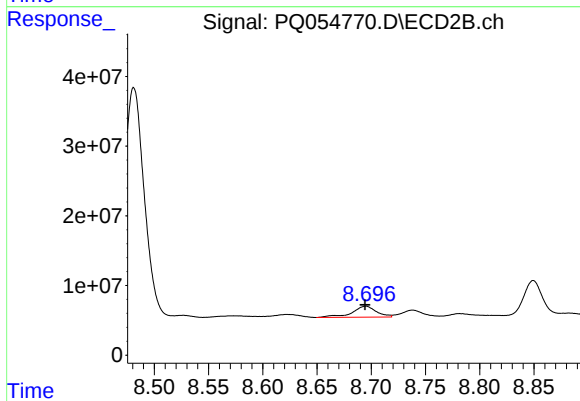
#42 AR-1268-2

R.T.: 8.481 min
Delta R.T.: -0.007 min
Response: 429258259
Conc: 186.32 ng/ml



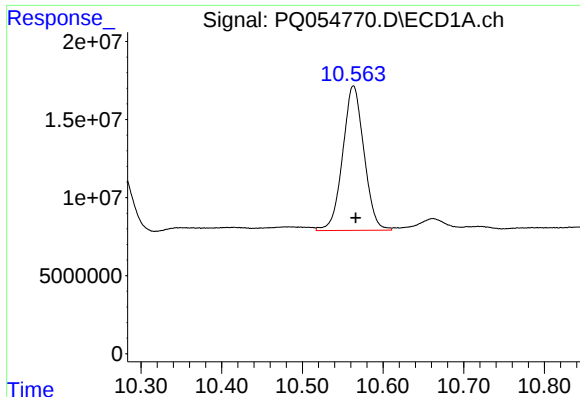
#43 AR-1268-3

R.T.: 10.095 min
Delta R.T.: -0.003 min
Response: 5167609
Conc: 2.69 ng/ml



#43 AR-1268-3

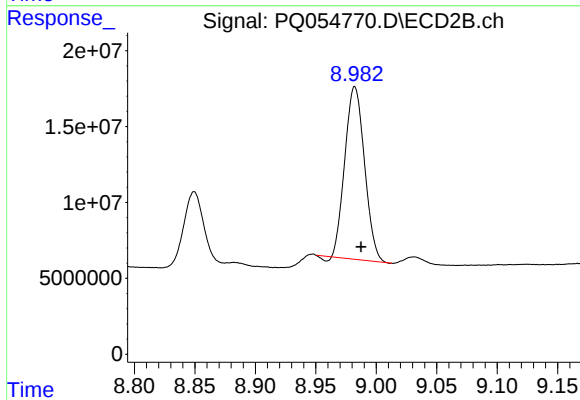
R.T.: 8.695 min
Delta R.T.: 0.000 min
Response: 24645400
Conc: 12.23 ng/ml



#44 AR-1268-4

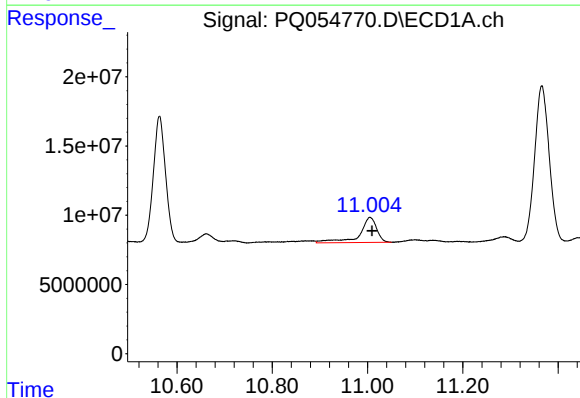
R.T.: 10.563 min
Delta R.T.: -0.003 min
Response: 169478045
Conc: 198.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-1-1.5-092321



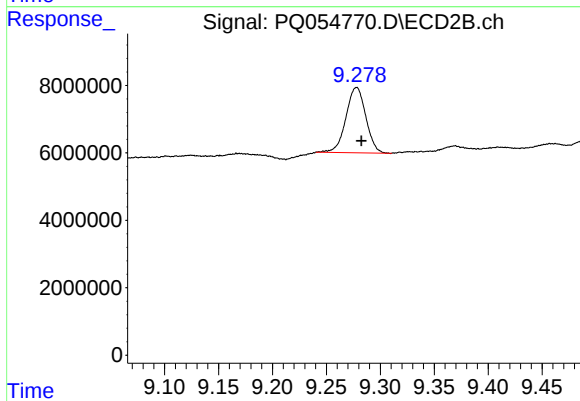
#44 AR-1268-4

R.T.: 8.982 min
Delta R.T.: -0.005 min
Response: 128193513
Conc: 164.90 ng/ml



#45 AR-1268-5

R.T.: 11.005 min
Delta R.T.: -0.005 min
Response: 45588888
Conc: 7.23 ng/ml



#45 AR-1268-5

R.T.: 9.278 min
Delta R.T.: -0.005 min
Response: 24855591
Conc: 4.32 ng/ml