

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ120118\
 Data File : PQ035166.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2018 09:41
 Operator : SM\SJ
 Sample : J6041-11DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 09:57:07 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ113018CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 30 22:48:24 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...	4.456	3.757	10476216	7418190	2.578	3.575 #
2)	SA Decachlor...	10.187	8.751	16370812	8316097	6.451	5.368
Target Compounds							
3)	L1 AR-1016-1	5.656	4.857	137.6E6	7941117	1170.430	106.438 #
4)	L1 AR-1016-2	5.656	4.857	137.6E6	7941117	748.401	72.051 #
5)	L1 AR-1016-3	5.717	5.035	326.5E6	2601966	3038.240	46.413 #
6)	L1 AR-1016-4	5.840	5.072	6085026	19333890	69.445	433.062 #
7)	L1 AR-1016-5	6.140	5.286	8254304	6830395	95.963	118.748
10)	L2 AR-1221-3	4.915	4.177	4663482	2533257	51.174	46.639
11)	L3 AR-1232-1	0.000	4.177	0	2533257	N.D.	62.231 #
12)	L3 AR-1232-2	5.355	4.857	22422224	7941117	661.731	190.374 #
13)	L3 AR-1232-3	5.656	5.035	137.6E6	2601966	1847.097	99.525 #
14)	L3 AR-1232-4	5.805	5.113	4307762	102.0E6	127.742	6466.962 #
15)	L3 AR-1232-5	5.894	5.286	32688537	6830395	1348.308	335.187 #
16)	L4 AR-1242-1	5.656	4.857	137.6E6	7941117	1559.246	143.740 #
17)	L4 AR-1242-2	5.656	4.857	137.6E6	7941117	1043.850	98.592 #
18)	L4 AR-1242-3	5.717	5.035	326.5E6	2601966	4188.007	62.850 #
19)	L4 AR-1242-4	5.805	5.113	4307762	102.0E6	64.949	2509.583 #
20)	L4 AR-1242-5	6.545	5.636	68157678	124.7E6	964.521	2389.881 #
21)	L5 AR-1248-1	5.656	4.857	137.6E6	7941117	1617.322	148.066 #
22)	L5 AR-1248-2	5.894	5.072	32688537	19333890	268.115	256.021
23)	L5 AR-1248-3	6.099	5.113	10308800	102.0E6	73.792	1329.620 #
24)	L5 AR-1248-4	6.476	5.286	180.5E6	6830395	1129.790	76.299 #
25)	L5 AR-1248-5	6.545	5.677	68157678	13605228	433.118	167.193 #
26)	L6 AR-1254-1	6.476	5.636	180.5E6	124.7E6	1392.447	1036.640 #
27)	L6 AR-1254-2	6.690	5.783	253.1E6	199.1E6	1235.687	1912.028 #
28)	L6 AR-1254-3	7.062	6.197	121.8E6	336.5E6	549.175	1911.393 #
29)	L6 AR-1254-4	7.346	6.412	67715038	24143595	423.794	214.924 #
30)	L6 AR-1254-5	7.766	6.826	911.0E6	609.4E6	5562.196	4030.061 #
31)	L7 AR-1260-1	7.222	6.312	698.8E6	509.6E6	4646.827	4494.192
32)	L7 AR-1260-2	7.478	6.500	992.5E6	576.7E6	5676.598	4141.448 #
33)	L7 AR-1260-3	7.837	6.653	586.2E6	486.1E6	5566.023	3813.159 #
34)	L7 AR-1260-4	8.066	7.122	647.3E6	385.0E6	4951.904	4636.149
35)	L7 AR-1260-5	8.388	7.363	1367.7E6	919.2E6	5174.276	4542.716
36)	L8 AR-1262-1	7.837	6.862	586.2E6	444.5E6	2534.083	2534.495
37)	L8 AR-1262-2	8.388	7.363	1367.7E6	919.2E6	3695.854	2992.988
38)	L8 AR-1262-3	0.000	7.643	0	170.3E6	N.D.	1368.871 #
39)	L8 AR-1262-4	8.772	7.709	-214545015	617.5E6	N.D.	2769.771 #
40)	L8 AR-1262-5	9.449	8.206	290.6E6	177.3E6	2415.744	1873.782
41)	L9 AR-1268-1	0.000	7.643	0	170.3E6	N.D.	477.317 #
42)	L9 AR-1268-2	8.772	7.709	-214545015	617.5E6	N.D.	1939.877 #
43)	L9 AR-1268-3	9.015	7.910	11945710	7115673	33.819	26.663

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 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 09:57:07 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ113018CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 30 22:48:24 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
44) L9	AR-1268-4	9.449	8.206	290.6E6	177.3E6	2057.361	1611.982
45) L9	AR-1268-5	9.857	8.499	68412532	38631936	60.102	49.986

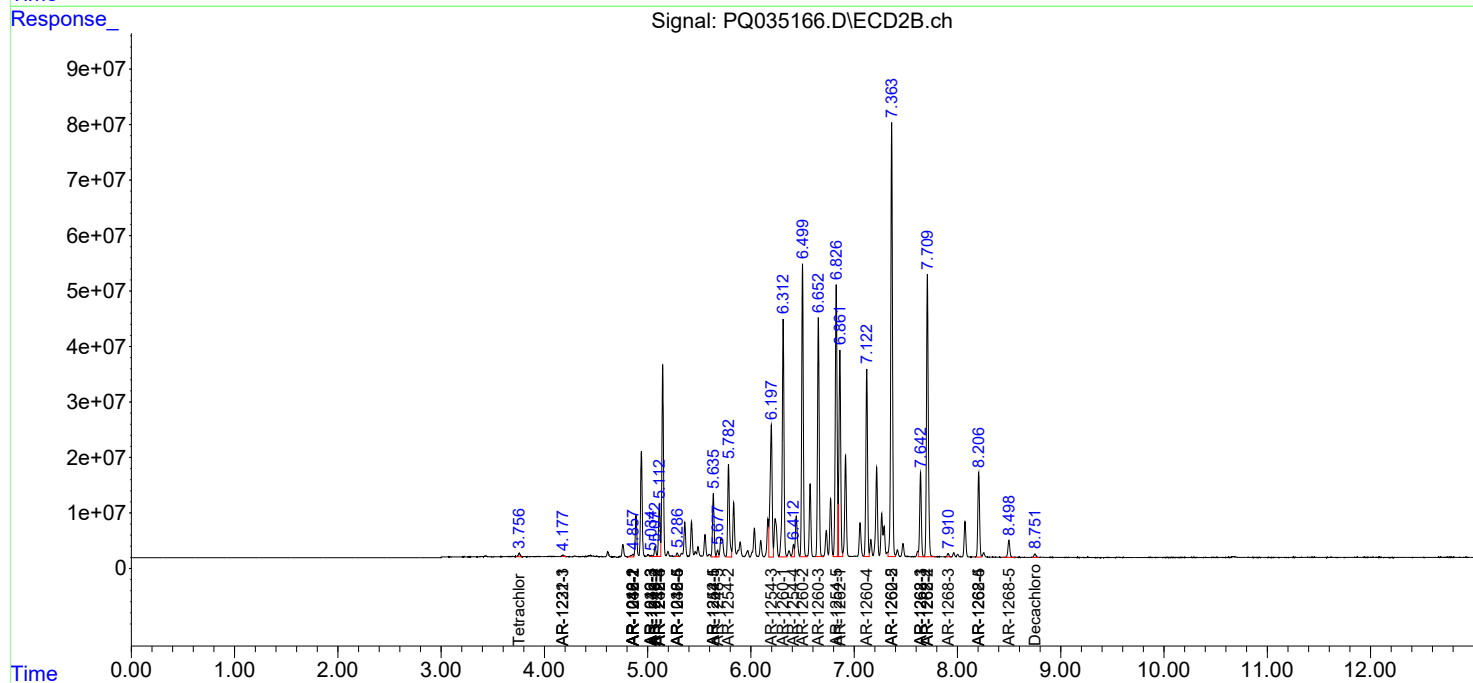
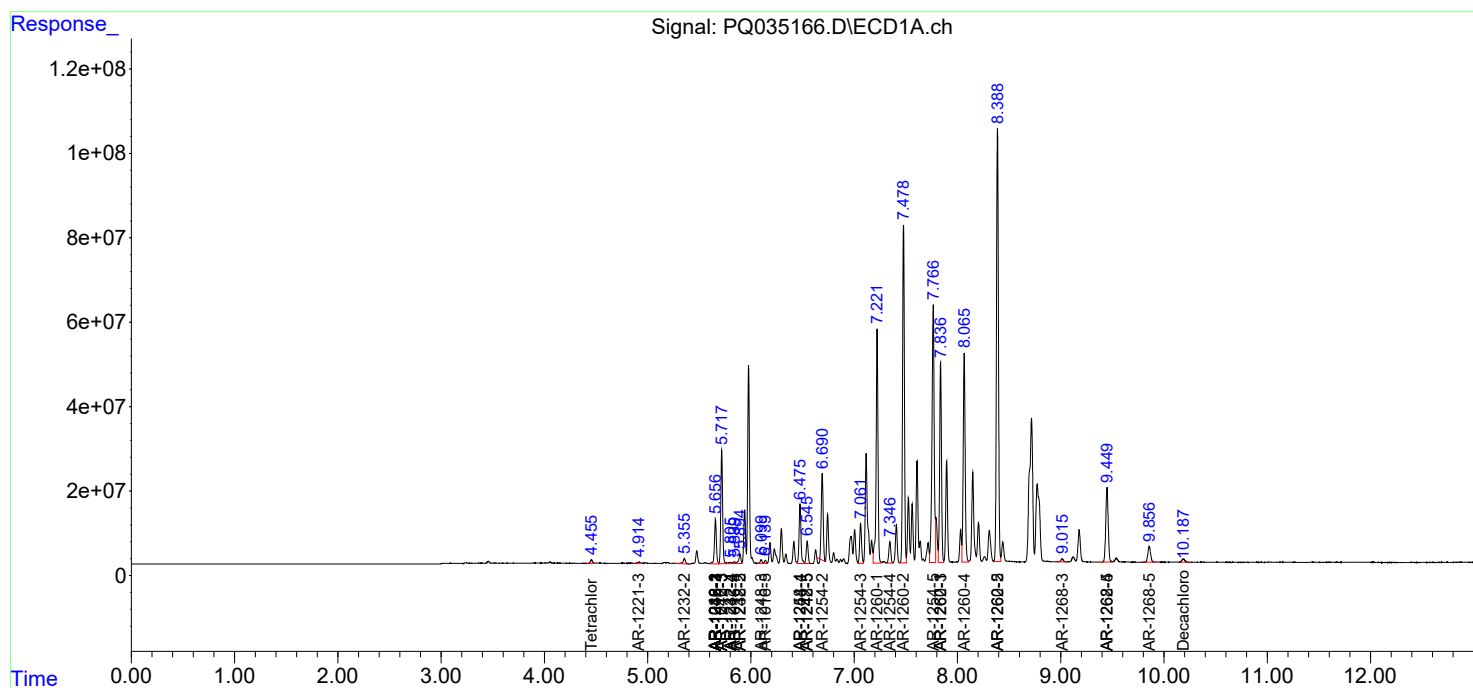
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

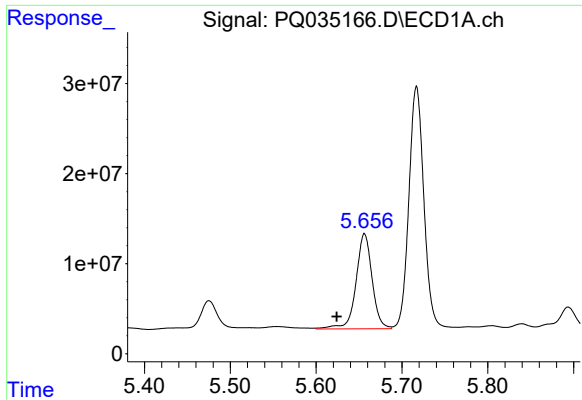
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ120118\
Data File : PQ035166.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2018 09:41
Operator : SM\SJ
Sample : J6041-11DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ECD_Q
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Integration File signal 2: autoint2.e
Quant Time: Dec 01 09:57:07 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ113018CLP.M
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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

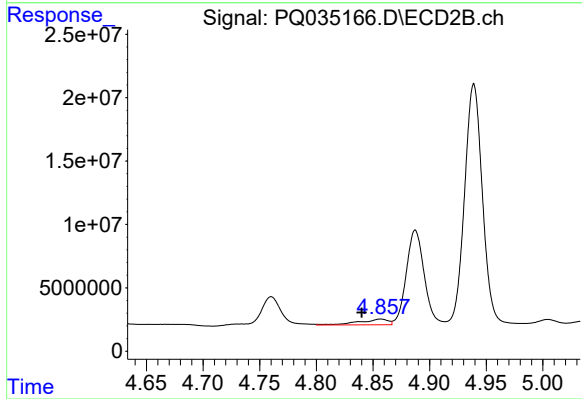




#3 AR-1016-1

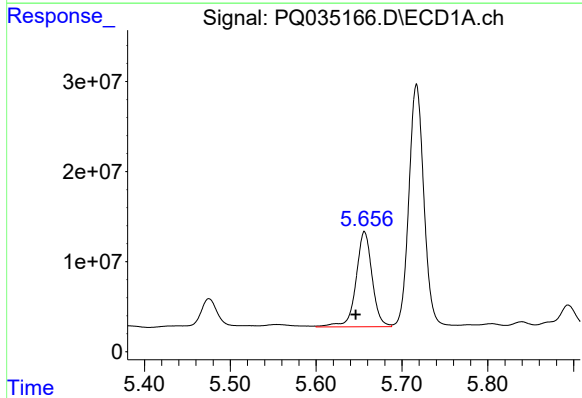
R.T.: 5.656 min
Delta R.T.: 0.032 min
Response: 137597922
Conc: 1170.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



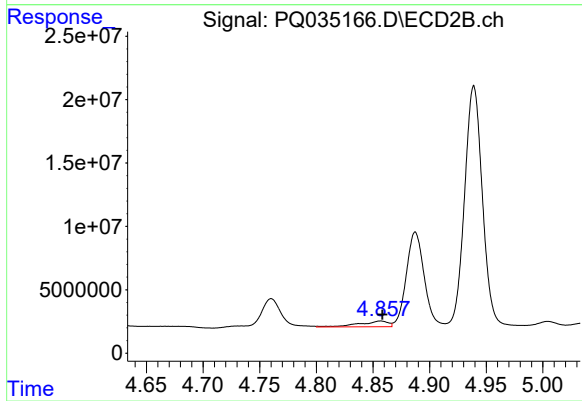
#3 AR-1016-1

R.T.: 4.857 min
Delta R.T.: 0.017 min
Response: 7941117
Conc: 106.44 ng/ml



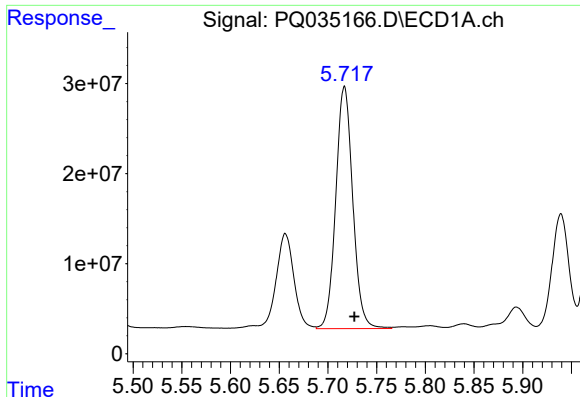
#4 AR-1016-2

R.T.: 5.656 min
Delta R.T.: 0.010 min
Response: 137597922
Conc: 748.40 ng/ml



#4 AR-1016-2

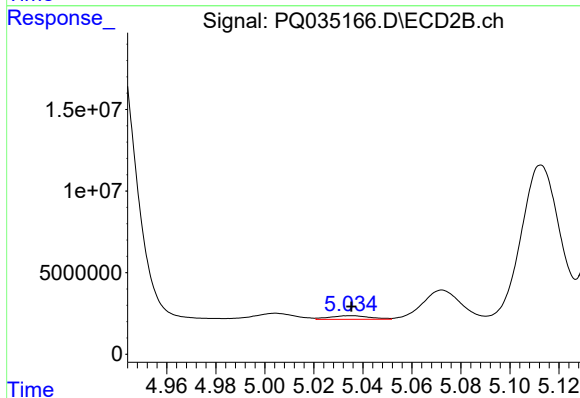
R.T.: 4.857 min
Delta R.T.: -0.001 min
Response: 7941117
Conc: 72.05 ng/ml



#5 AR-1016-3

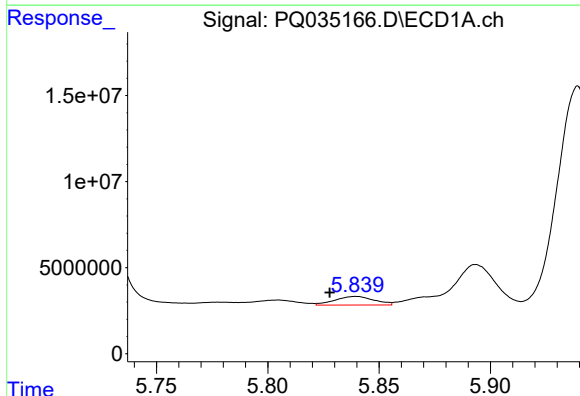
R.T.: 5.717 min
Delta R.T.: -0.010 min
Response: 326509105
Conc: 3038.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



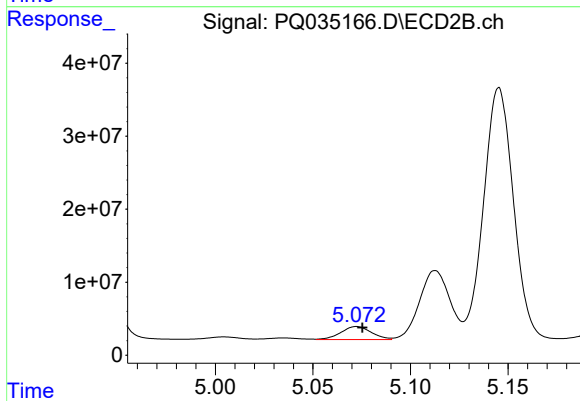
#5 AR-1016-3

R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 2601966
Conc: 46.41 ng/ml



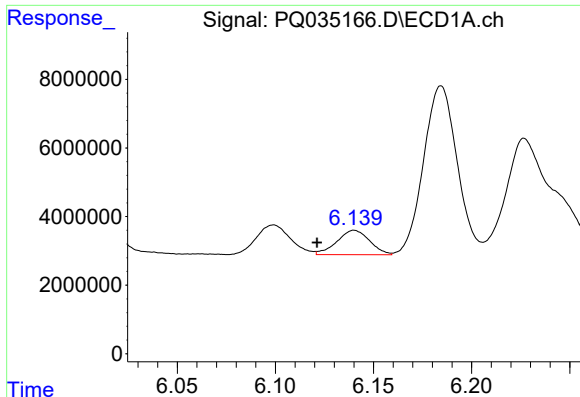
#6 AR-1016-4

R.T.: 5.840 min
Delta R.T.: 0.012 min
Response: 6085026
Conc: 69.45 ng/ml



#6 AR-1016-4

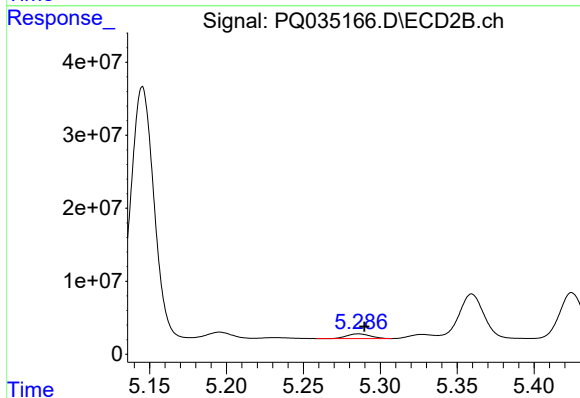
R.T.: 5.072 min
Delta R.T.: -0.003 min
Response: 19333890
Conc: 433.06 ng/ml



#7 AR-1016-5

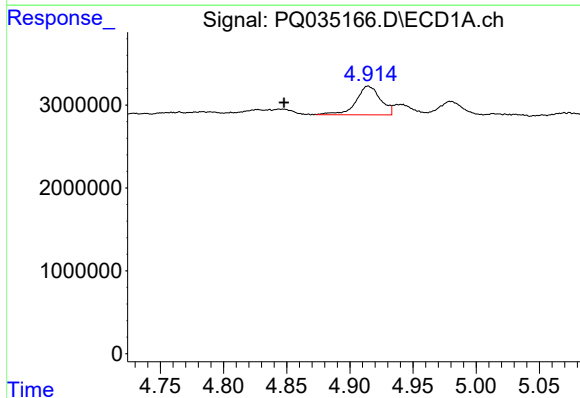
R.T.: 6.140 min
Delta R.T.: 0.019 min
Response: 8254304
Conc: 95.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



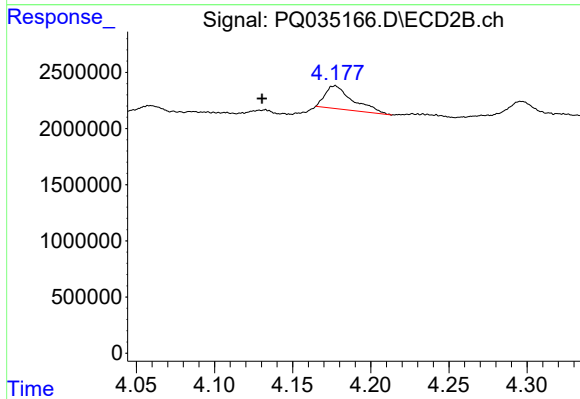
#7 AR-1016-5

R.T.: 5.286 min
Delta R.T.: -0.004 min
Response: 6830395
Conc: 118.75 ng/ml



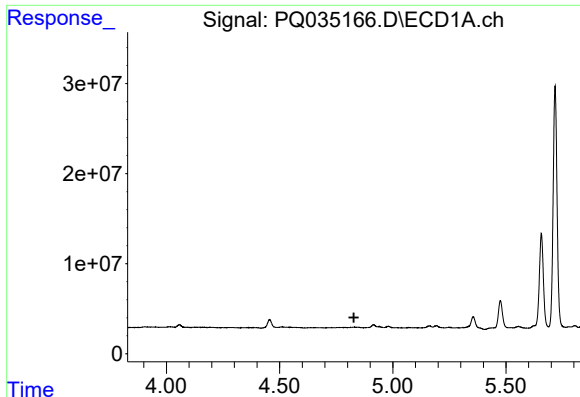
#10 AR-1221-3

R.T.: 4.915 min
Delta R.T.: 0.067 min
Response: 4663482
Conc: 51.17 ng/ml



#10 AR-1221-3

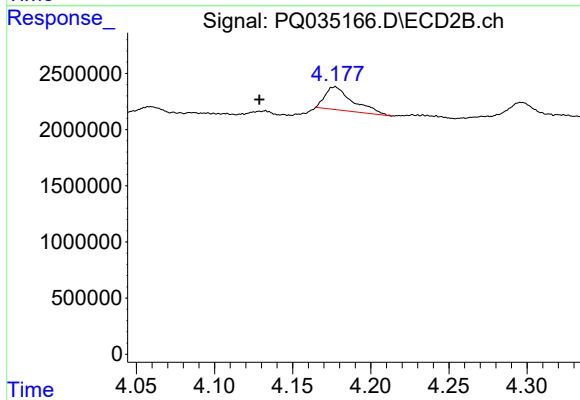
R.T.: 4.177 min
Delta R.T.: 0.046 min
Response: 2533257
Conc: 46.64 ng/ml



#11 AR-1232-1

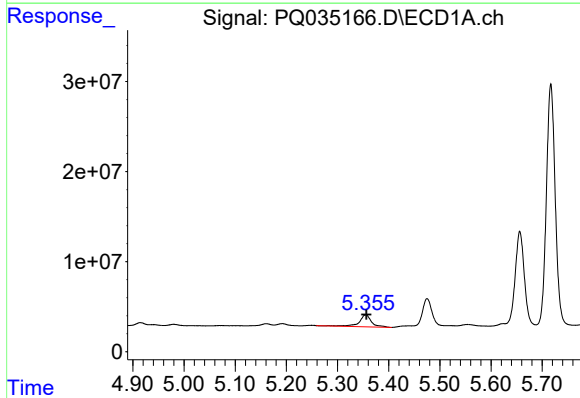
R.T.: 0.000 min
Exp R.T.: 4.828 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



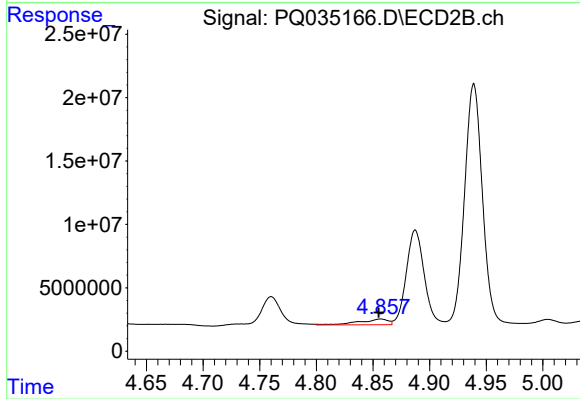
#11 AR-1232-1

R.T.: 4.177 min
Delta R.T.: 0.048 min
Response: 2533257
Conc: 62.23 ng/ml



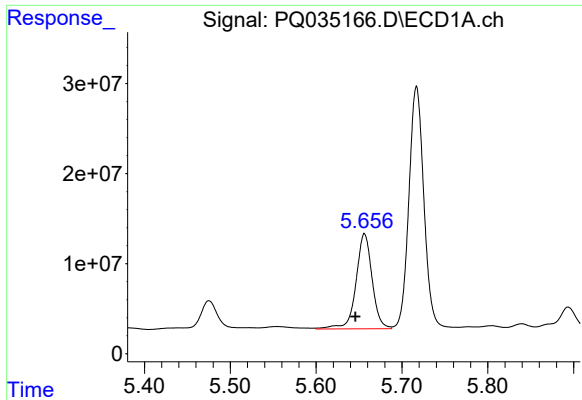
#12 AR-1232-2

R.T.: 5.355 min
Delta R.T.: -0.001 min
Response: 22422224
Conc: 661.73 ng/ml



#12 AR-1232-2

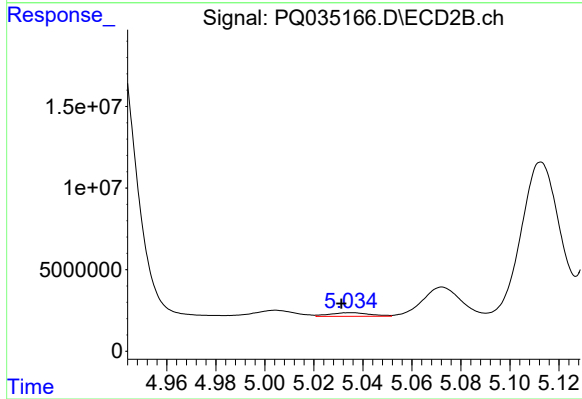
R.T.: 4.857 min
Delta R.T.: 0.002 min
Response: 7941117
Conc: 190.37 ng/ml



#13 AR-1232-3

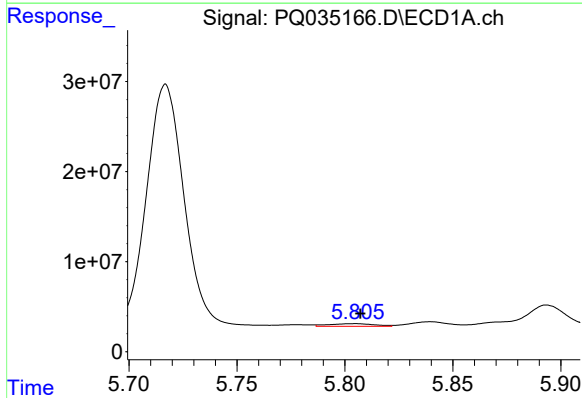
R.T.: 5.656 min
Delta R.T.: 0.011 min
Response: 137597922
Conc: 1847.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



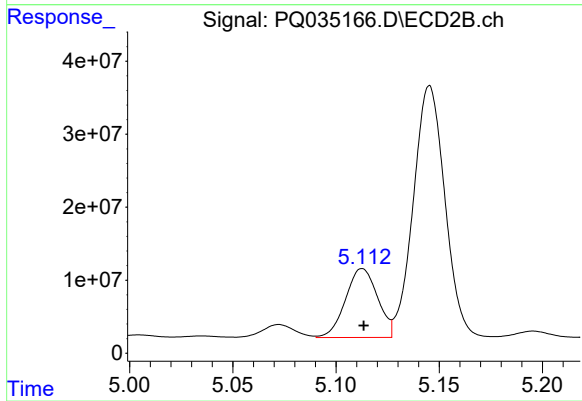
#13 AR-1232-3

R.T.: 5.035 min
Delta R.T.: 0.004 min
Response: 2601966
Conc: 99.53 ng/ml



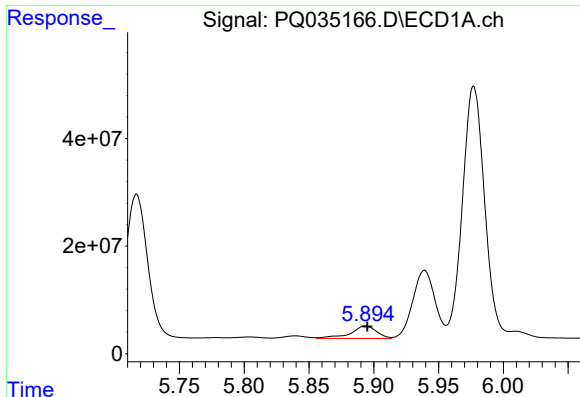
#14 AR-1232-4

R.T.: 5.805 min
Delta R.T.: -0.003 min
Response: 4307762
Conc: 127.74 ng/ml



#14 AR-1232-4

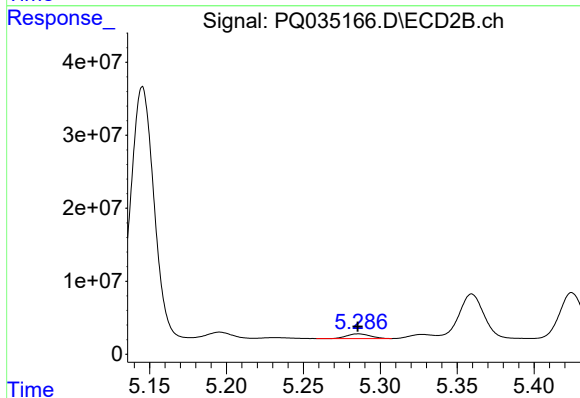
R.T.: 5.113 min
Delta R.T.: 0.000 min
Response: 102003913
Conc: 6466.96 ng/ml



#15 AR-1232-5

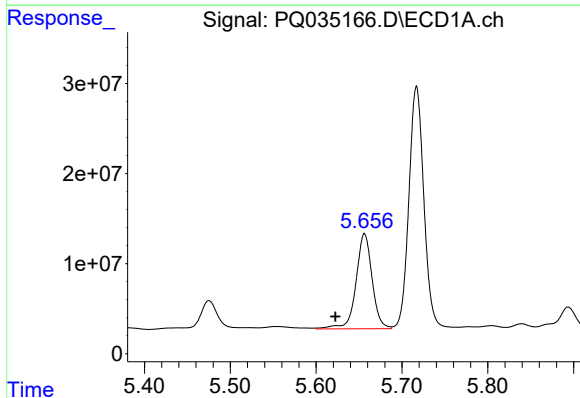
R.T.: 5.894 min
Delta R.T.: -0.001 min
Response: 32688537
Conc: 1348.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



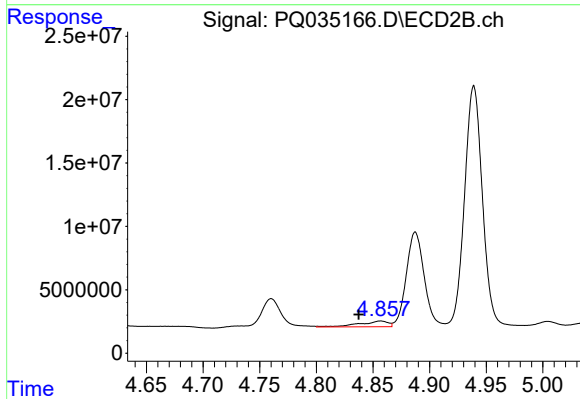
#15 AR-1232-5

R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 6830395
Conc: 335.19 ng/ml



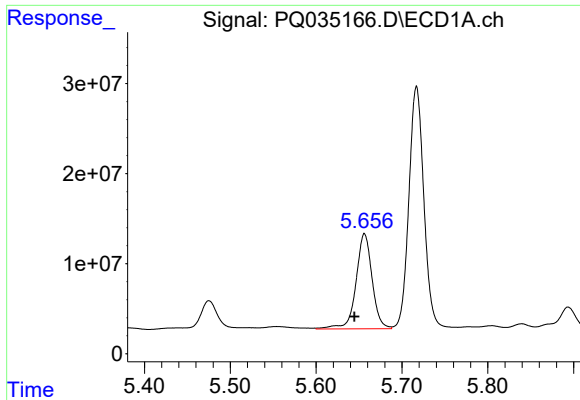
#16 AR-1242-1

R.T.: 5.656 min
Delta R.T.: 0.034 min
Response: 137597922
Conc: 1559.25 ng/ml



#16 AR-1242-1

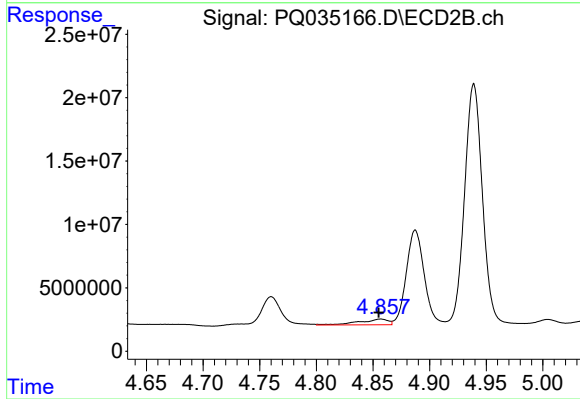
R.T.: 4.857 min
Delta R.T.: 0.019 min
Response: 7941117
Conc: 143.74 ng/ml



#17 AR-1242-2

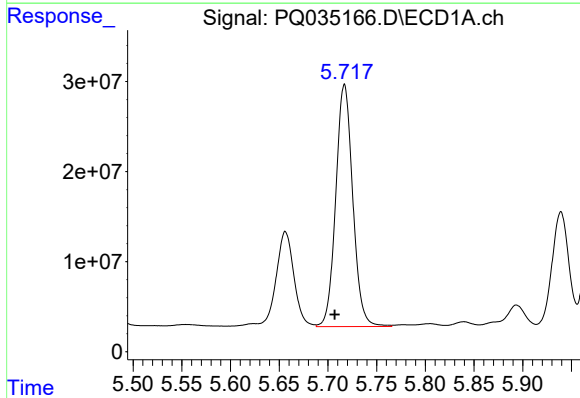
R.T.: 5.656 min
Delta R.T.: 0.012 min
Response: 137597922
Conc: 1043.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



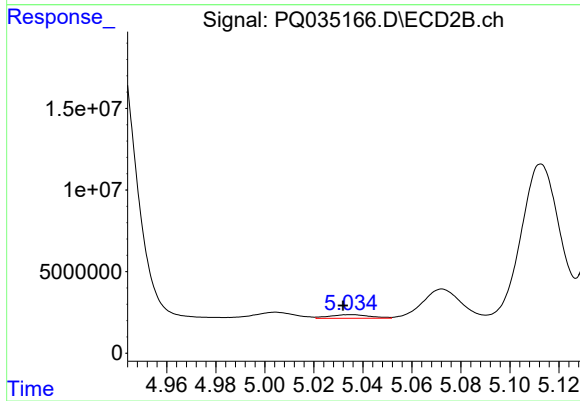
#17 AR-1242-2

R.T.: 4.857 min
Delta R.T.: 0.002 min
Response: 7941117
Conc: 98.59 ng/ml



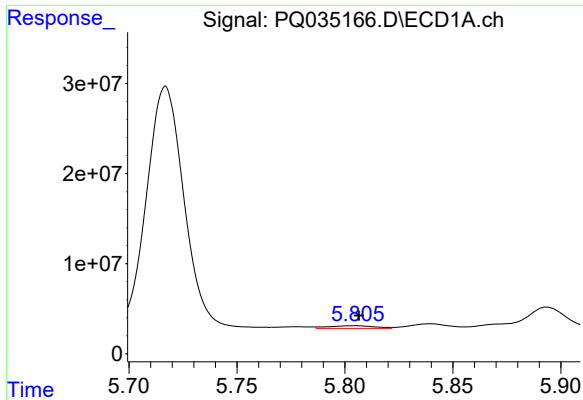
#18 AR-1242-3

R.T.: 5.717 min
Delta R.T.: 0.010 min
Response: 326509105
Conc: 4188.01 ng/ml



#18 AR-1242-3

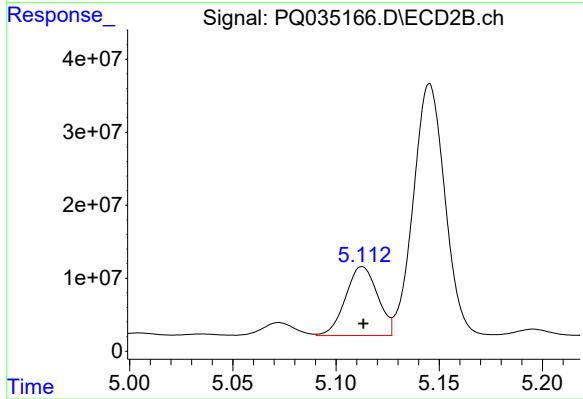
R.T.: 5.035 min
Delta R.T.: 0.003 min
Response: 2601966
Conc: 62.85 ng/ml



#19 AR-1242-4

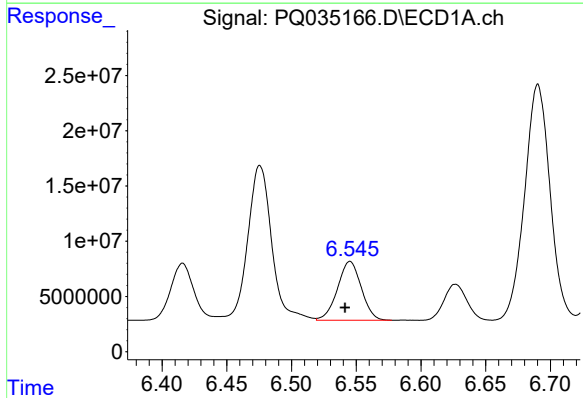
R.T.: 5.805 min
Delta R.T.: -0.002 min
Response: 4307762
Conc: 64.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



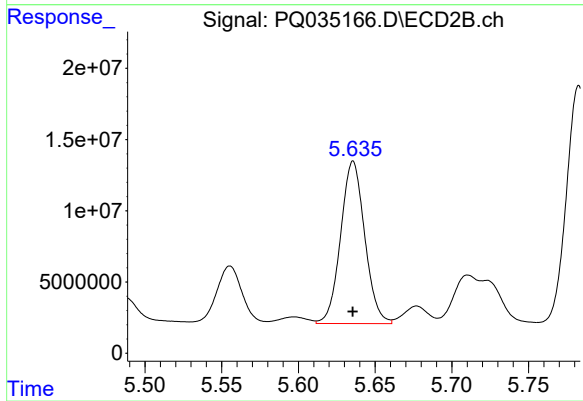
#19 AR-1242-4

R.T.: 5.113 min
Delta R.T.: 0.000 min
Response: 102003913
Conc: 2509.58 ng/ml



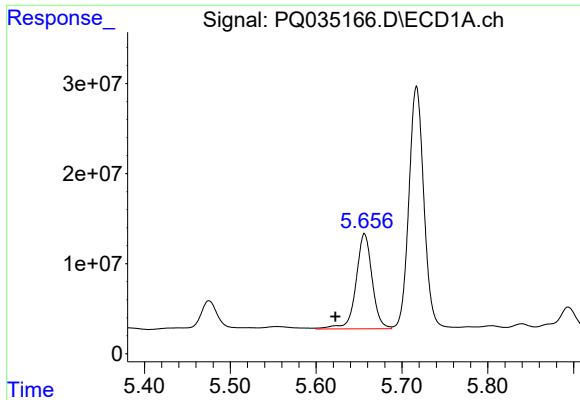
#20 AR-1242-5

R.T.: 6.545 min
Delta R.T.: 0.004 min
Response: 68157678
Conc: 964.52 ng/ml



#20 AR-1242-5

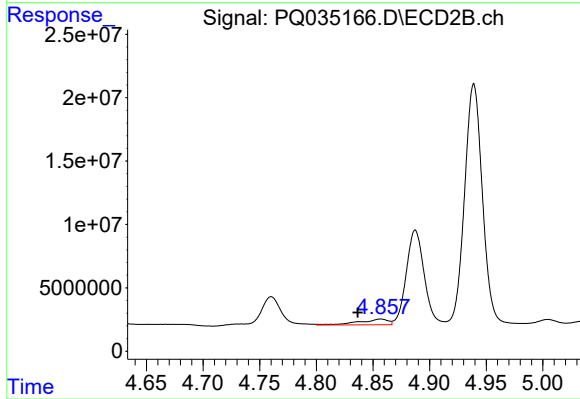
R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 124677609
Conc: 2389.88 ng/ml



#21 AR-1248-1

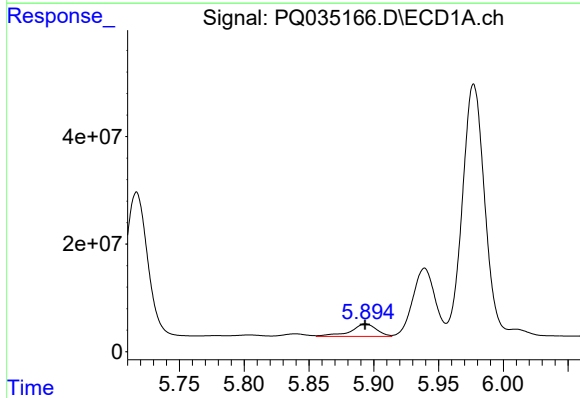
R.T.: 5.656 min
Delta R.T.: 0.034 min
Response: 137597922
Conc: 1617.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



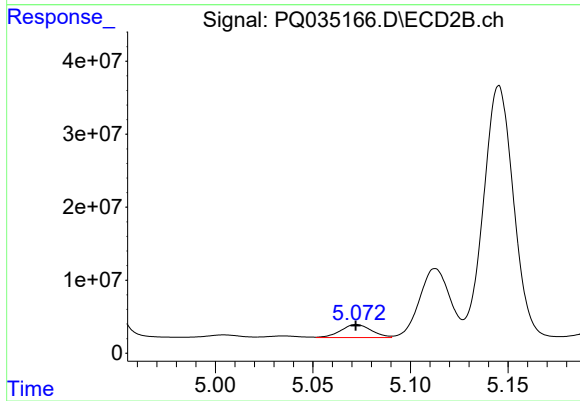
#21 AR-1248-1

R.T.: 4.857 min
Delta R.T.: 0.020 min
Response: 7941117
Conc: 148.07 ng/ml



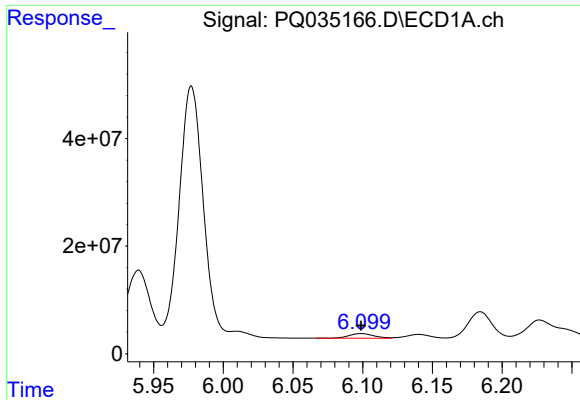
#22 AR-1248-2

R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 32688537
Conc: 268.11 ng/ml



#22 AR-1248-2

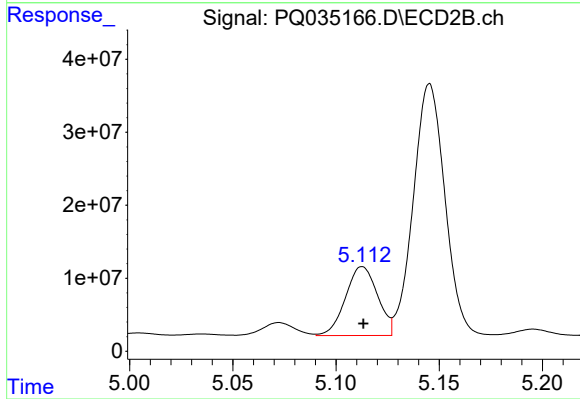
R.T.: 5.072 min
Delta R.T.: 0.000 min
Response: 19333890
Conc: 256.02 ng/ml



#23 AR-1248-3

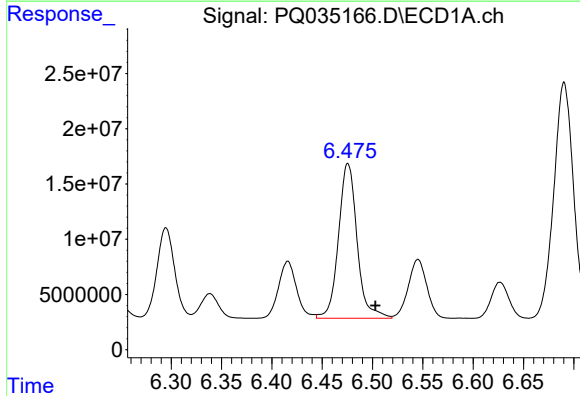
R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 10308800
Conc: 73.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



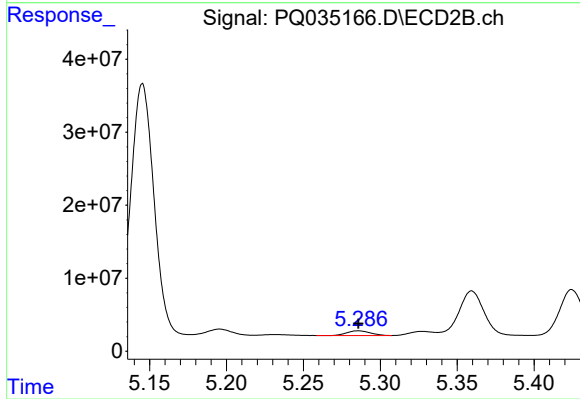
#23 AR-1248-3

R.T.: 5.113 min
Delta R.T.: 0.000 min
Response: 102003913
Conc: 1329.62 ng/ml



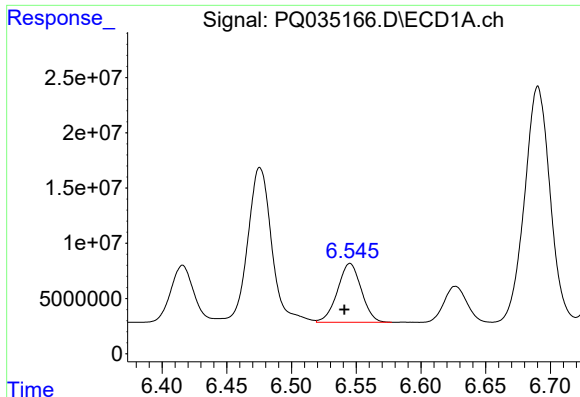
#24 AR-1248-4

R.T.: 6.476 min
Delta R.T.: -0.027 min
Response: 180545523
Conc: 1129.79 ng/ml



#24 AR-1248-4

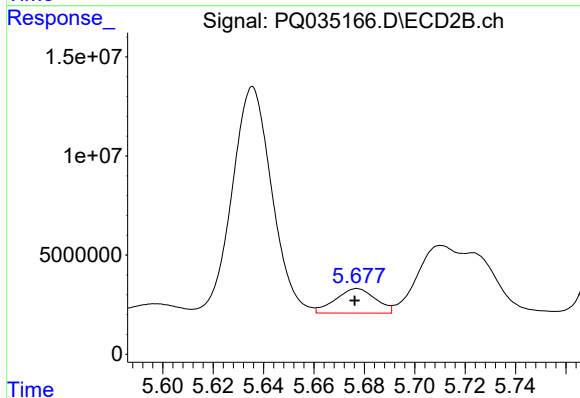
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 6830395
Conc: 76.30 ng/ml



#25 AR-1248-5

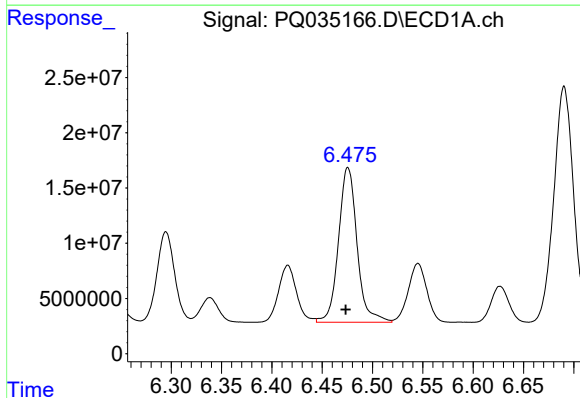
R.T.: 6.545 min
Delta R.T.: 0.004 min
Response: 68157678
Conc: 433.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



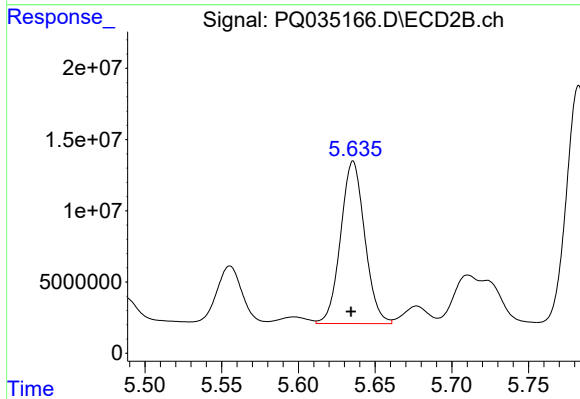
#25 AR-1248-5

R.T.: 5.677 min
Delta R.T.: 0.000 min
Response: 13605228
Conc: 167.19 ng/ml



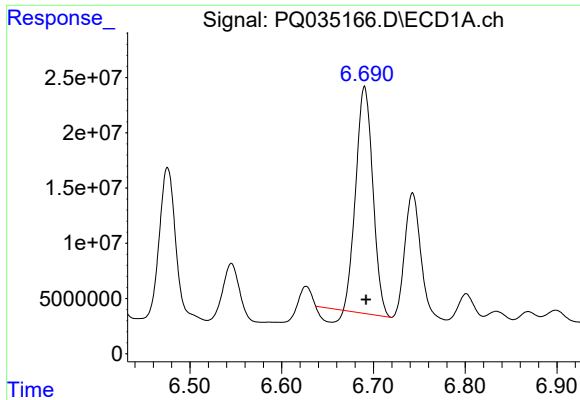
#26 AR-1254-1

R.T.: 6.476 min
Delta R.T.: 0.002 min
Response: 180545523
Conc: 1392.45 ng/ml



#26 AR-1254-1

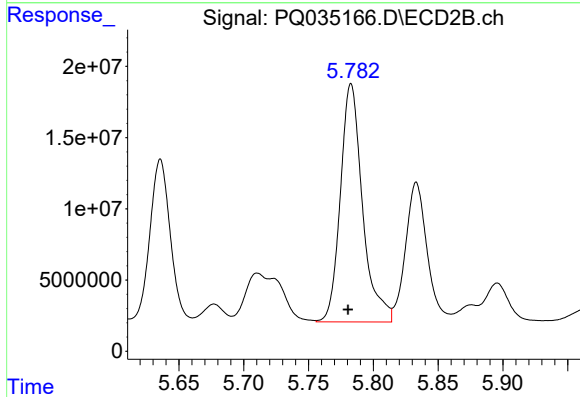
R.T.: 5.636 min
Delta R.T.: 0.001 min
Response: 124677609
Conc: 1036.64 ng/ml



#27 AR-1254-2

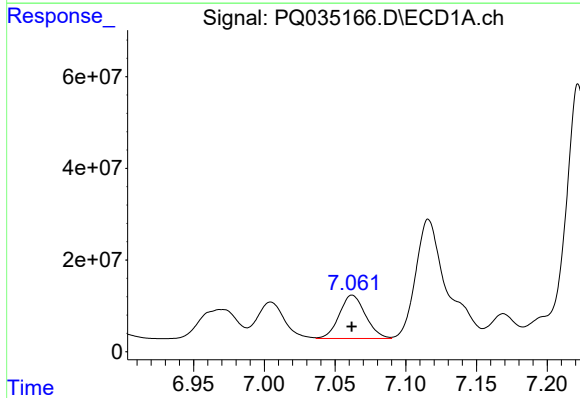
R.T.: 6.690 min
Delta R.T.: -0.002 min
Response: 253102201
Conc: 1235.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



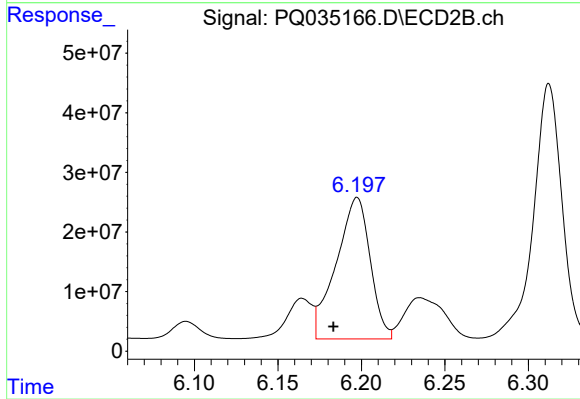
#27 AR-1254-2

R.T.: 5.783 min
Delta R.T.: 0.002 min
Response: 199074143
Conc: 1912.03 ng/ml



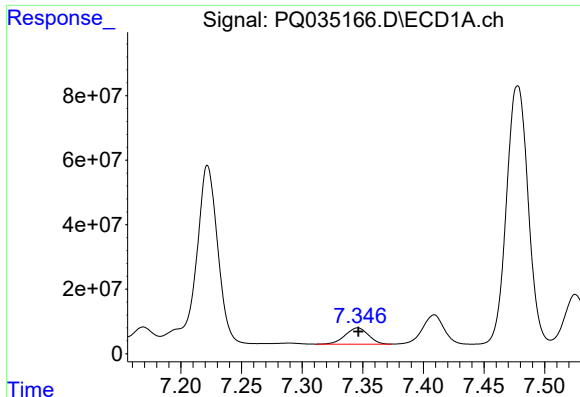
#28 AR-1254-3

R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 121825415
Conc: 549.17 ng/ml



#28 AR-1254-3

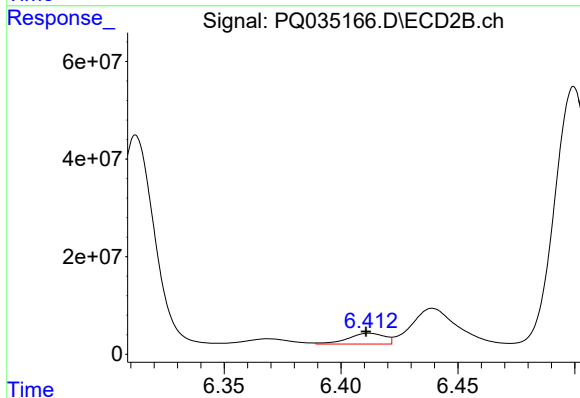
R.T.: 6.197 min
Delta R.T.: 0.014 min
Response: 336540973
Conc: 1911.39 ng/ml



#29 AR-1254-4

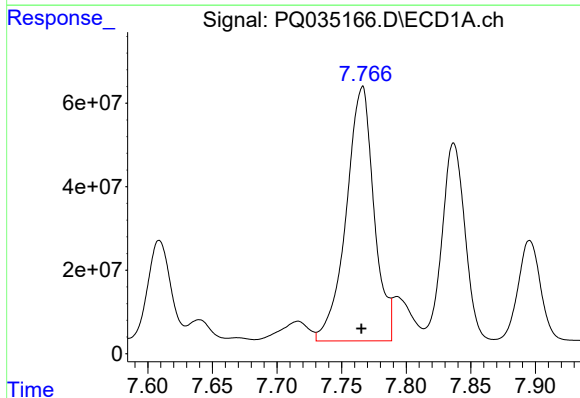
R.T.: 7.346 min
Delta R.T.: 0.000 min
Response: 67715038
Conc: 423.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



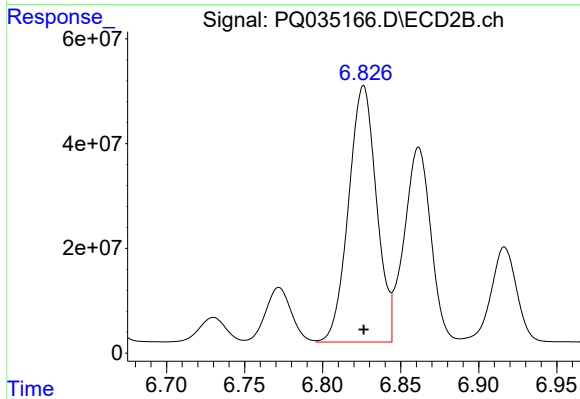
#29 AR-1254-4

R.T.: 6.412 min
Delta R.T.: 0.001 min
Response: 24143595
Conc: 214.92 ng/ml



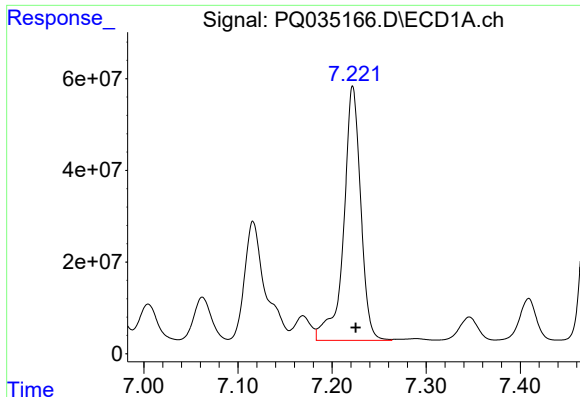
#30 AR-1254-5

R.T.: 7.766 min
Delta R.T.: 0.000 min
Response: 910954574
Conc: 5562.20 ng/ml



#30 AR-1254-5

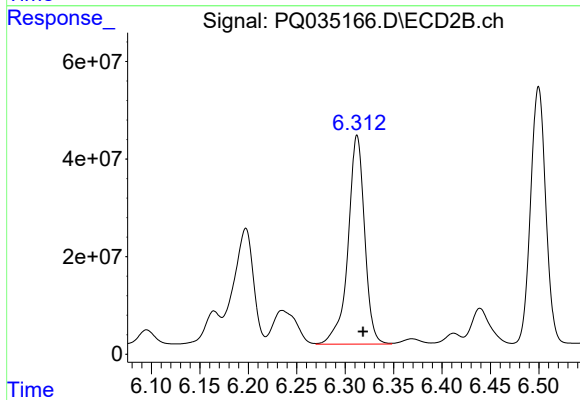
R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 609360465
Conc: 4030.06 ng/ml



#31 AR-1260-1

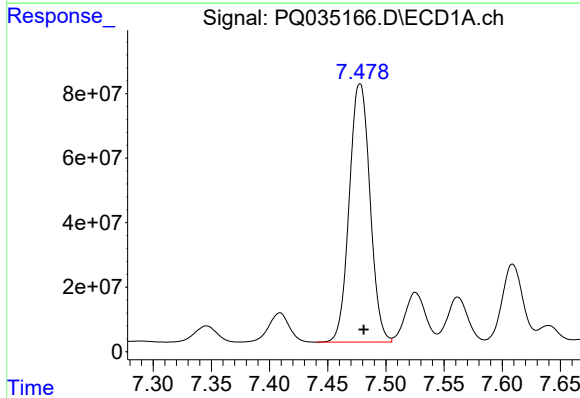
R.T.: 7.222 min
Delta R.T.: -0.003 min
Response: 698808948
Conc: 4646.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



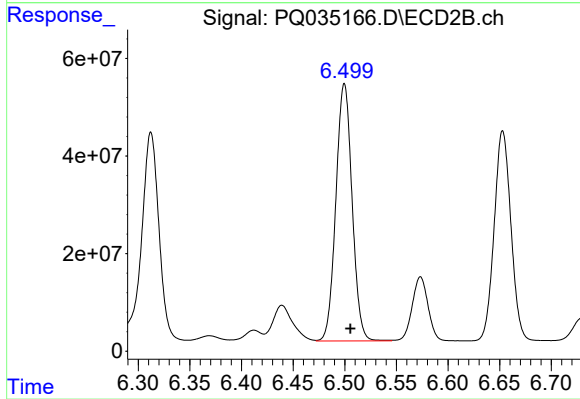
#31 AR-1260-1

R.T.: 6.312 min
Delta R.T.: -0.006 min
Response: 509610418
Conc: 4494.19 ng/ml



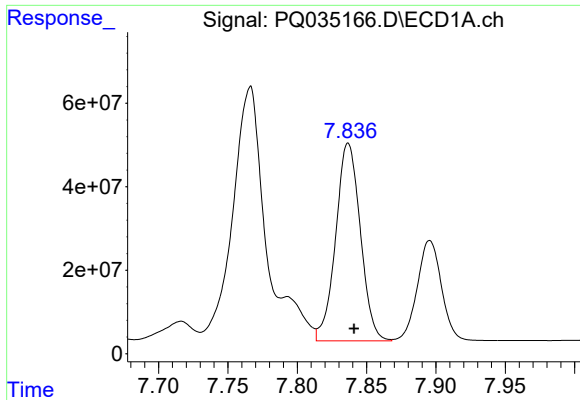
#32 AR-1260-2

R.T.: 7.478 min
Delta R.T.: -0.003 min
Response: 992483074
Conc: 5676.60 ng/ml



#32 AR-1260-2

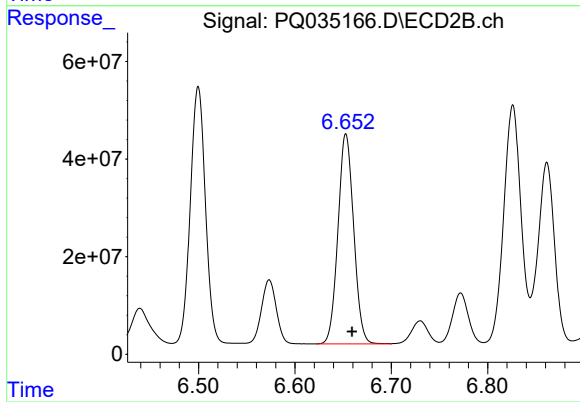
R.T.: 6.500 min
Delta R.T.: -0.006 min
Response: 576706790
Conc: 4141.45 ng/ml



#33 AR-1260-3

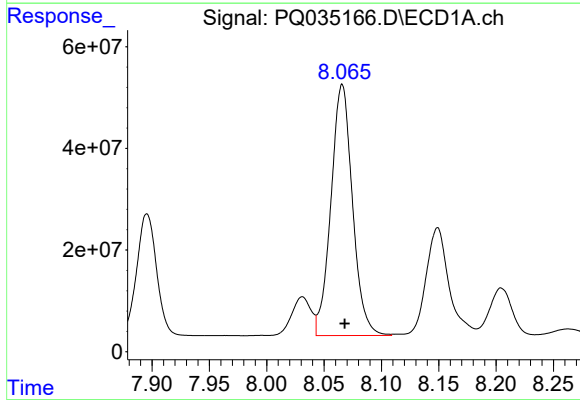
R.T.: 7.837 min
Delta R.T.: -0.004 min
Response: 586218596
Conc: 5566.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



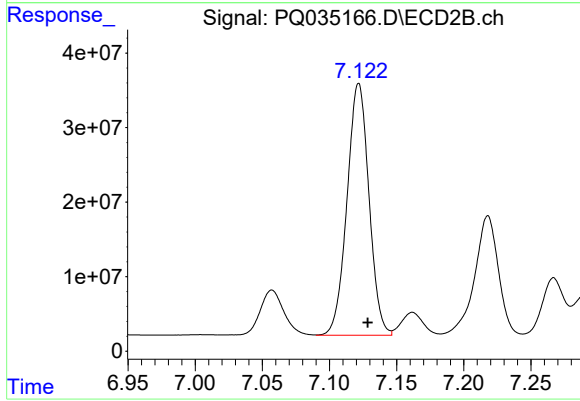
#33 AR-1260-3

R.T.: 6.653 min
Delta R.T.: -0.006 min
Response: 486130179
Conc: 3813.16 ng/ml



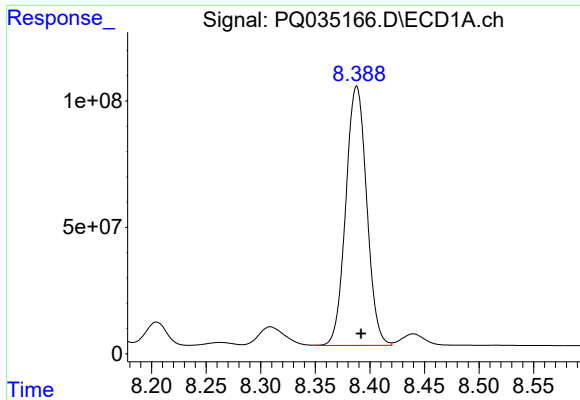
#34 AR-1260-4

R.T.: 8.066 min
Delta R.T.: -0.002 min
Response: 647328069
Conc: 4951.90 ng/ml



#34 AR-1260-4

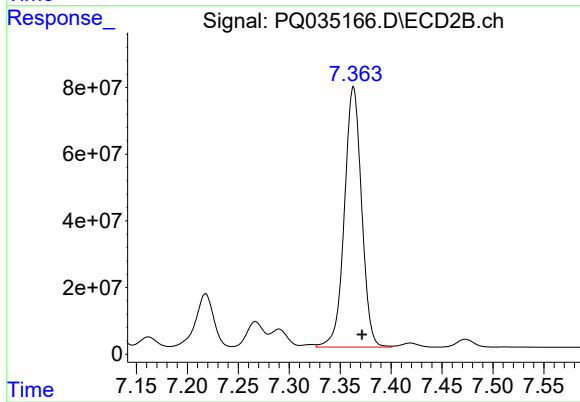
R.T.: 7.122 min
Delta R.T.: -0.007 min
Response: 385042713
Conc: 4636.15 ng/ml



#35 AR-1260-5

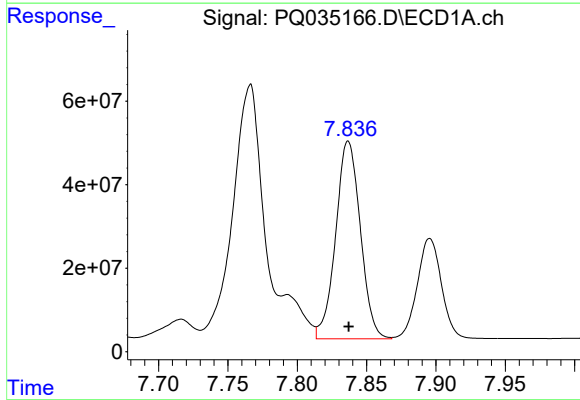
R.T.: 8.388 min
Delta R.T.: -0.004 min
Response: 1367661416
Conc: 5174.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



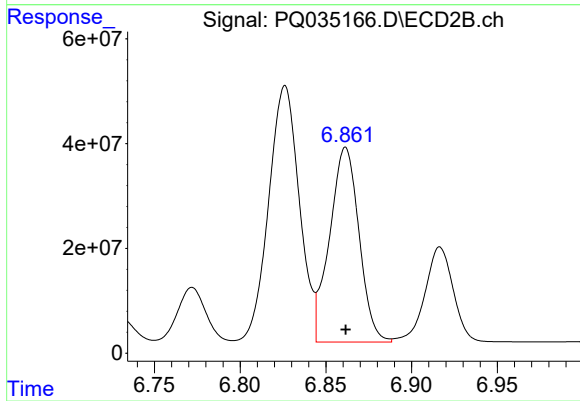
#35 AR-1260-5

R.T.: 7.363 min
Delta R.T.: -0.008 min
Response: 919153236
Conc: 4542.72 ng/ml



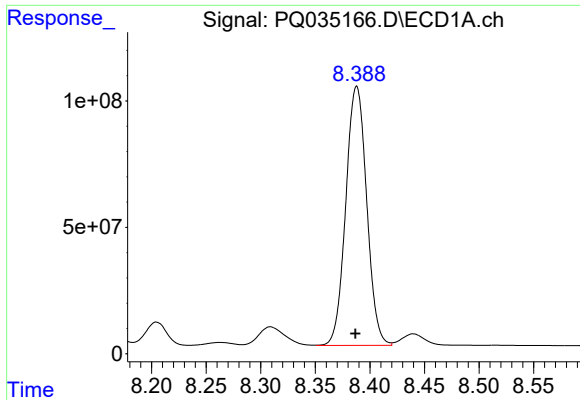
#36 AR-1262-1

R.T.: 7.837 min
Delta R.T.: 0.000 min
Response: 586218596
Conc: 2534.08 ng/ml



#36 AR-1262-1

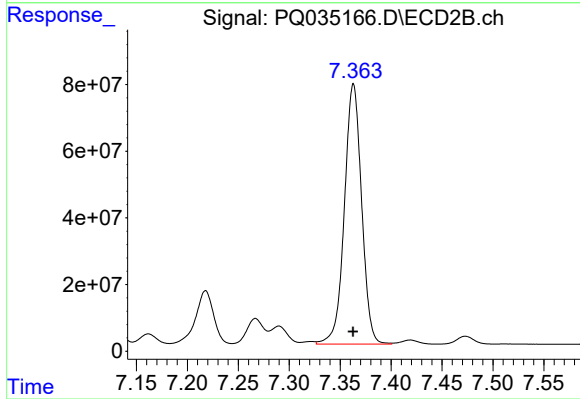
R.T.: 6.862 min
Delta R.T.: 0.000 min
Response: 444476926
Conc: 2534.49 ng/ml



#37 AR-1262-2

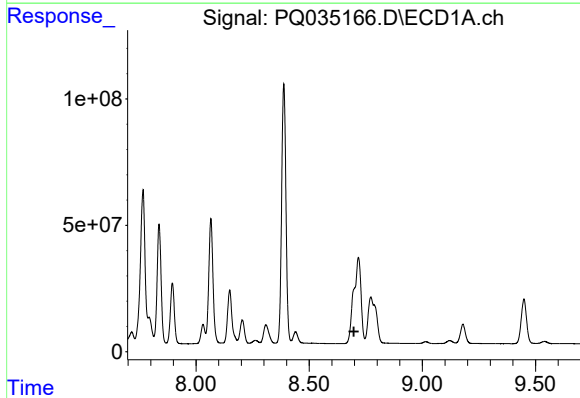
R.T.: 8.388 min
Delta R.T.: 0.001 min
Response: 1367661416
Conc: 3695.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



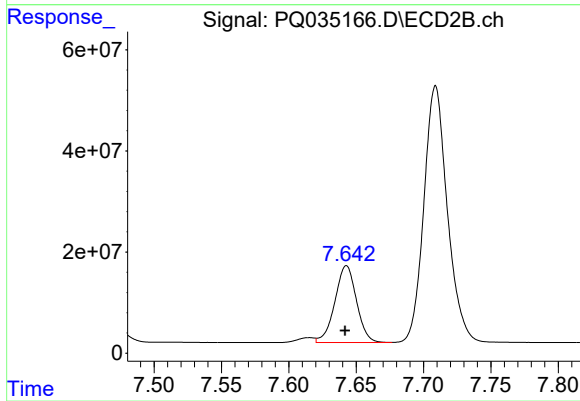
#37 AR-1262-2

R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 919153236
Conc: 2992.99 ng/ml



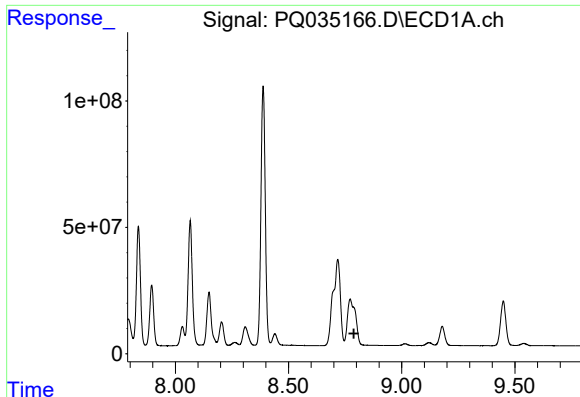
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.698 min
Response: 0
Conc: N.D.



#38 AR-1262-3

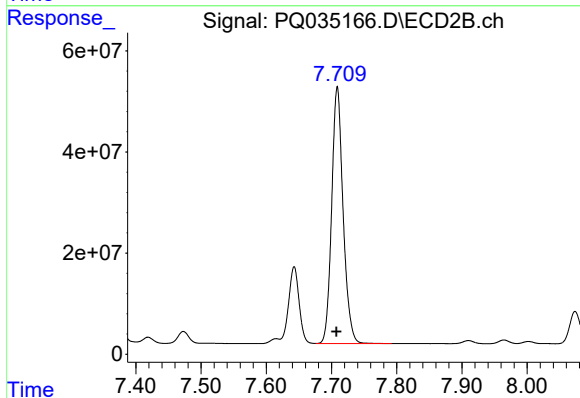
R.T.: 7.643 min
Delta R.T.: 0.001 min
Response: 170319333
Conc: 1368.87 ng/ml



#39 AR-1262-4

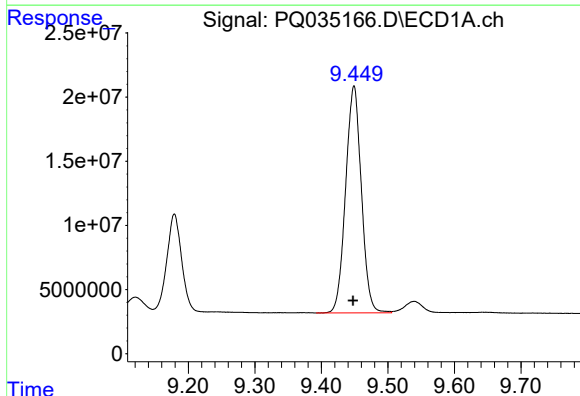
R.T.: 8.772 min
Delta R.T.: -0.016 min
Response: -214545015
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



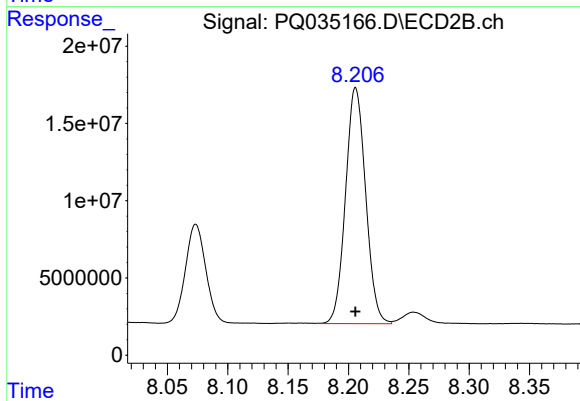
#39 AR-1262-4

R.T.: 7.709 min
Delta R.T.: 0.001 min
Response: 617546556
Conc: 2769.77 ng/ml



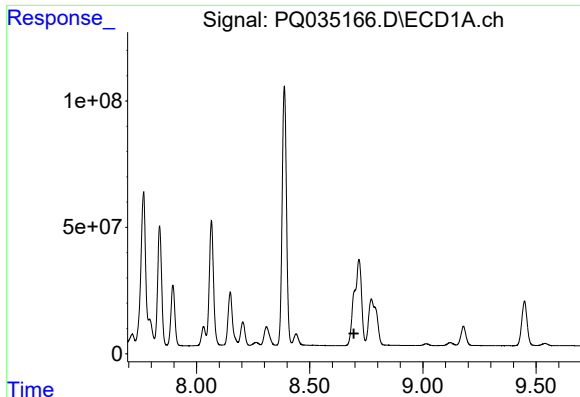
#40 AR-1262-5

R.T.: 9.449 min
Delta R.T.: 0.001 min
Response: 290643973
Conc: 2415.74 ng/ml



#40 AR-1262-5

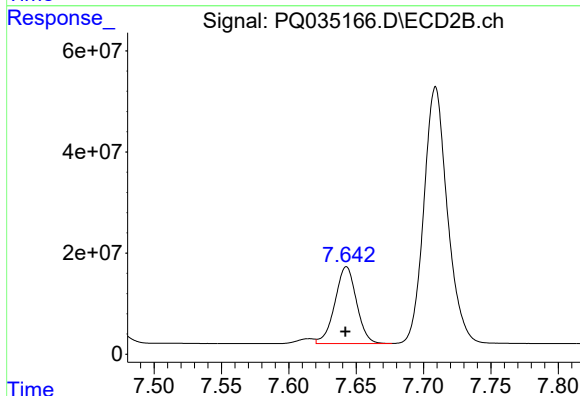
R.T.: 8.206 min
Delta R.T.: 0.000 min
Response: 177307777
Conc: 1873.78 ng/ml



#41 AR-1268-1

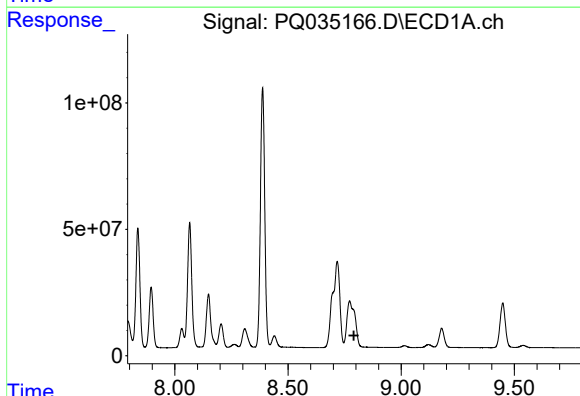
R.T.: 0.000 min
Exp R.T.: 8.695 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



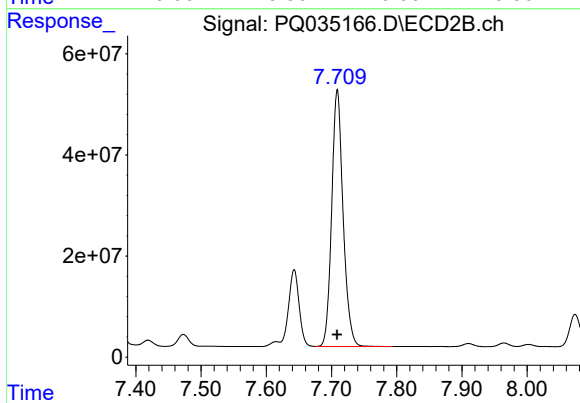
#41 AR-1268-1

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 170319333
Conc: 477.32 ng/ml



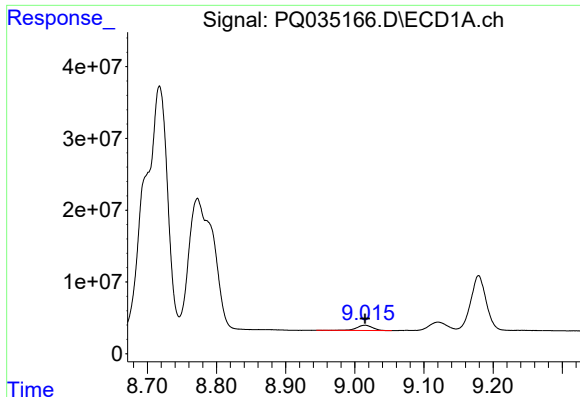
#42 AR-1268-2

R.T.: 8.772 min
Delta R.T.: -0.019 min
Response: -214545015
Conc: N.D.



#42 AR-1268-2

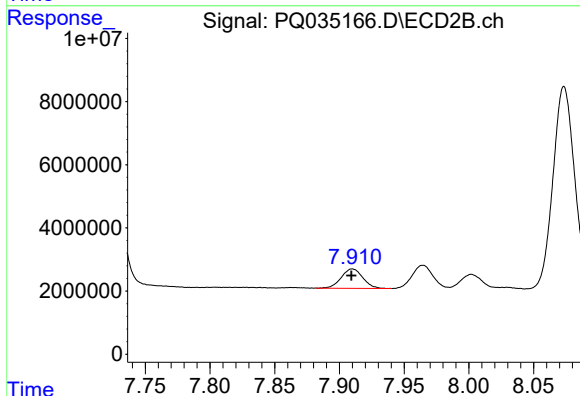
R.T.: 7.709 min
Delta R.T.: 0.000 min
Response: 617546556
Conc: 1939.88 ng/ml



#43 AR-1268-3

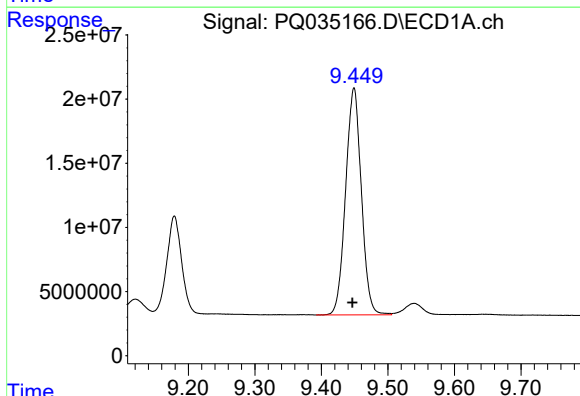
R.T.: 9.015 min
Delta R.T.: 0.000 min
Response: 11945710
Conc: 33.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



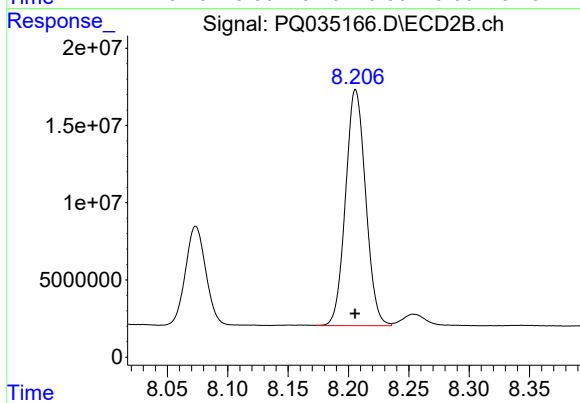
#43 AR-1268-3

R.T.: 7.910 min
Delta R.T.: 0.000 min
Response: 7115673
Conc: 26.66 ng/ml



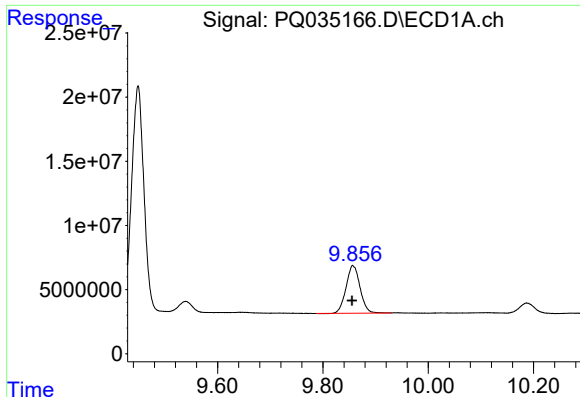
#44 AR-1268-4

R.T.: 9.449 min
Delta R.T.: 0.002 min
Response: 290643973
Conc: 2057.36 ng/ml



#44 AR-1268-4

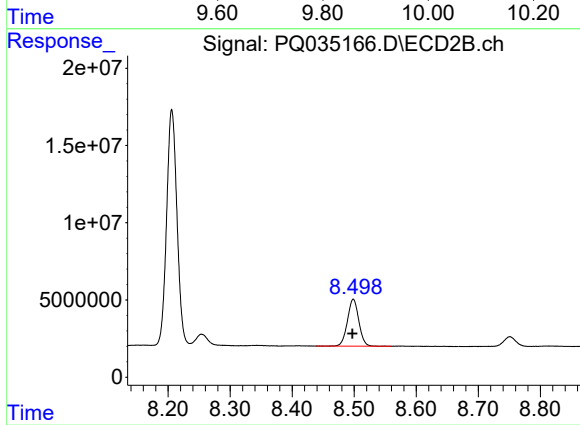
R.T.: 8.206 min
Delta R.T.: 0.000 min
Response: 177307777
Conc: 1611.98 ng/ml



#45 AR-1268-5

R.T.: 9.857 min
Delta R.T.: 0.002 min
Response: 68412532
Conc: 60.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.499 min
Delta R.T.: 0.001 min
Response: 38631936
Conc: 49.99 ng/ml