

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101420\
 Data File : PQ050429.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2020 17:35
 Operator : DD\AJ
 Sample : L4380-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 04:22:13 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101420.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 14 13:34:07 2020
 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...	5.203	4.268	348.5E6	106.3E6	25.616	25.441
2)	SA Decachlor...	11.393	9.621	240.2E6	153.6E6	23.409	20.070
Target Compounds							
3)	L1 AR-1016-1	6.537	5.530	12166860	3455678	23.347	18.059
4)	L1 AR-1016-2	6.563	5.550	13706569	3144316	18.513	12.033 #
5)	L1 AR-1016-3	6.627	5.744	8930979	3520748	19.803	25.044 #
6)	L1 AR-1016-4	6.734	5.793	9559697	52162401	25.330	473.342 #
7)	L1 AR-1016-5	7.049	6.024	136.1E6	50177992	375.258	338.935
9)	L2 AR-1221-2	5.562	4.624	5419267	1180844	56.122	40.303 #
12)	L3 AR-1232-2	0.000	5.550	0	3144316	N.D.	30.435 #
13)	L3 AR-1232-3	6.563	5.744	13706569	3520748	46.900	64.510 #
14)	L3 AR-1232-4	6.734	5.838	9559697	23414814	63.771	493.762 #
15)	L3 AR-1232-5	6.829	6.024	148.5E6	50177992	1353.612	940.503 #
16)	L4 AR-1242-1	6.537	5.530	12166860	3455678	32.165	25.310
17)	L4 AR-1242-2	6.563	5.550	13706569	3144316	25.649	16.887 #
18)	L4 AR-1242-3	6.627	5.744	8930979	3520748	27.274	35.141 #
19)	L4 AR-1242-4	6.734	5.838	9559697	23414814	34.995	245.932 #
20)	L4 AR-1242-5	7.520	6.404	302.7E6	382.3E6	1006.249	2756.158 #
21)	L5 AR-1248-1	6.537	5.530	12166860	3455678	32.895	26.840
22)	L5 AR-1248-2	6.829	5.793	148.5E6	52162401	291.708	292.612
23)	L5 AR-1248-3	7.049	5.838	136.1E6	23414814	245.795	127.110 #
24)	L5 AR-1248-4	7.480	6.024	434.7E6	50177992	681.251	222.807 #
25)	L5 AR-1248-5	7.520	6.446	302.7E6	86784710	492.679	361.202 #
26)	L6 AR-1254-1	7.448	6.404	625.0E6	382.3E6	1285.777	1322.045
27)	L6 AR-1254-2	7.676	6.562	1350.2E6	447.8E6	1799.917	1733.244
28)	L6 AR-1254-3	8.063	6.984	1689.9E6	963.8E6	2227.836	2227.973
29)	L6 AR-1254-4	8.360	7.223	1694.3E6	853.6E6	2829.019	2730.791
30)	L6 AR-1254-5	8.790	7.652	2156.8E6	1653.5E6	3730.667	3961.778
31)	L7 AR-1260-1	8.227	7.121	935.8E6	578.3E6	1541.022	1836.692
32)	L7 AR-1260-2	8.492	7.317	1299.1E6	695.5E6	1821.975	1612.688
33)	L7 AR-1260-3	8.856	7.472	481.8E6	613.9E6	875.934	1633.799 #
34)	L7 AR-1260-4	9.101	7.956	965.6E6	211.0E6	1666.675	624.575 #
35)	L7 AR-1260-5	9.448	8.203	992.2E6	710.8E6	857.591	745.771
36)	L8 AR-1262-1	8.856	7.652	481.8E6	1653.5E6	683.568	7234.753 #
37)	L8 AR-1262-2	9.448	8.203	992.2E6	710.8E6	853.459	748.922
38)	L8 AR-1262-3	9.776	8.490	198.6E6	145.0E6	370.457	368.750
39)	L8 AR-1262-4	9.863	8.553	365.2E6	549.3E6	571.676	801.540 #
40)	L8 AR-1262-5	10.596	9.059	264.2E6	185.8E6	596.309	538.494
41)	L9 AR-1268-1	9.776	8.490	198.6E6	145.0E6	149.771	128.438
42)	L9 AR-1268-2	9.776	8.553	198.6E6	549.3E6	149.771	553.858 #
43)	L9 AR-1268-3	10.118	8.764	21516671	8368733	20.946	9.930 #
44)	L9 AR-1268-4	10.596	9.059	264.2E6	185.8E6	546.924	491.122

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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	11.035	9.359	98798718	52828239	33.735	20.250 #

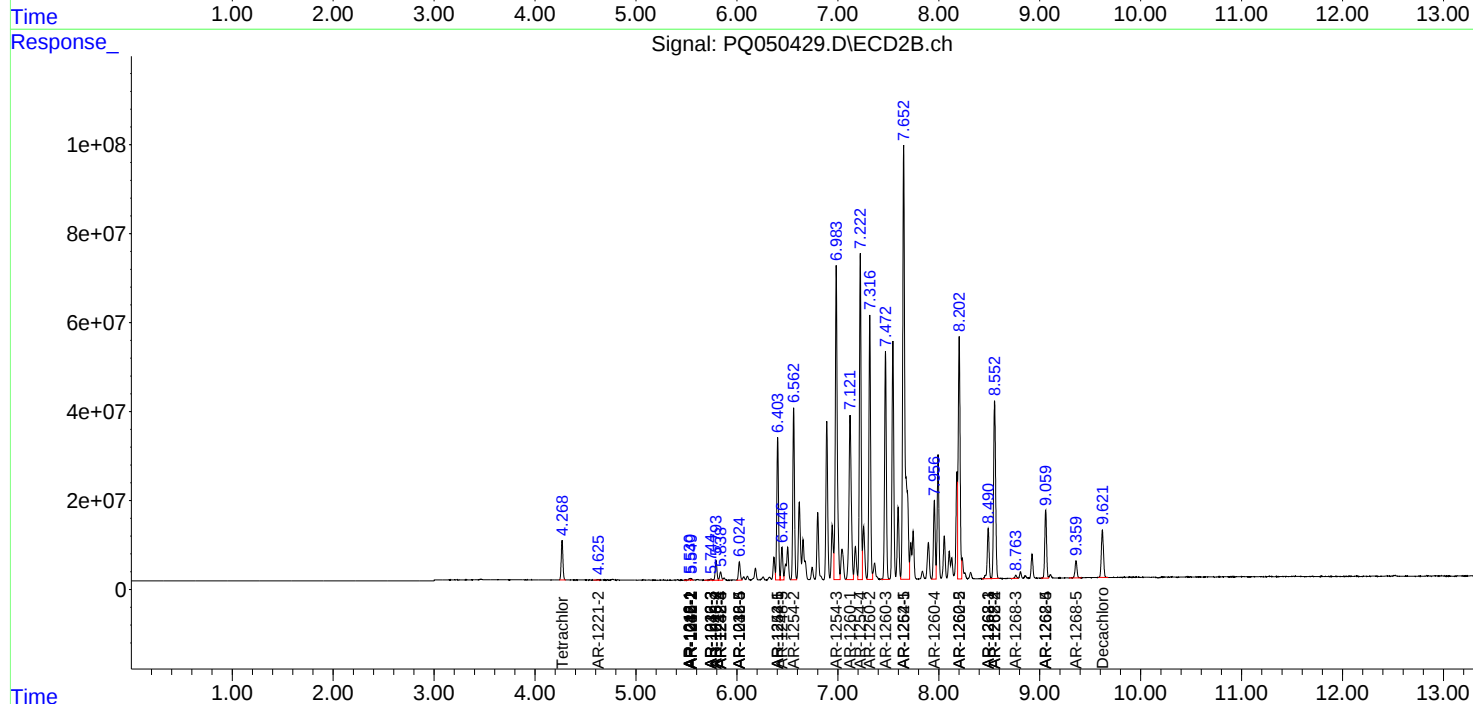
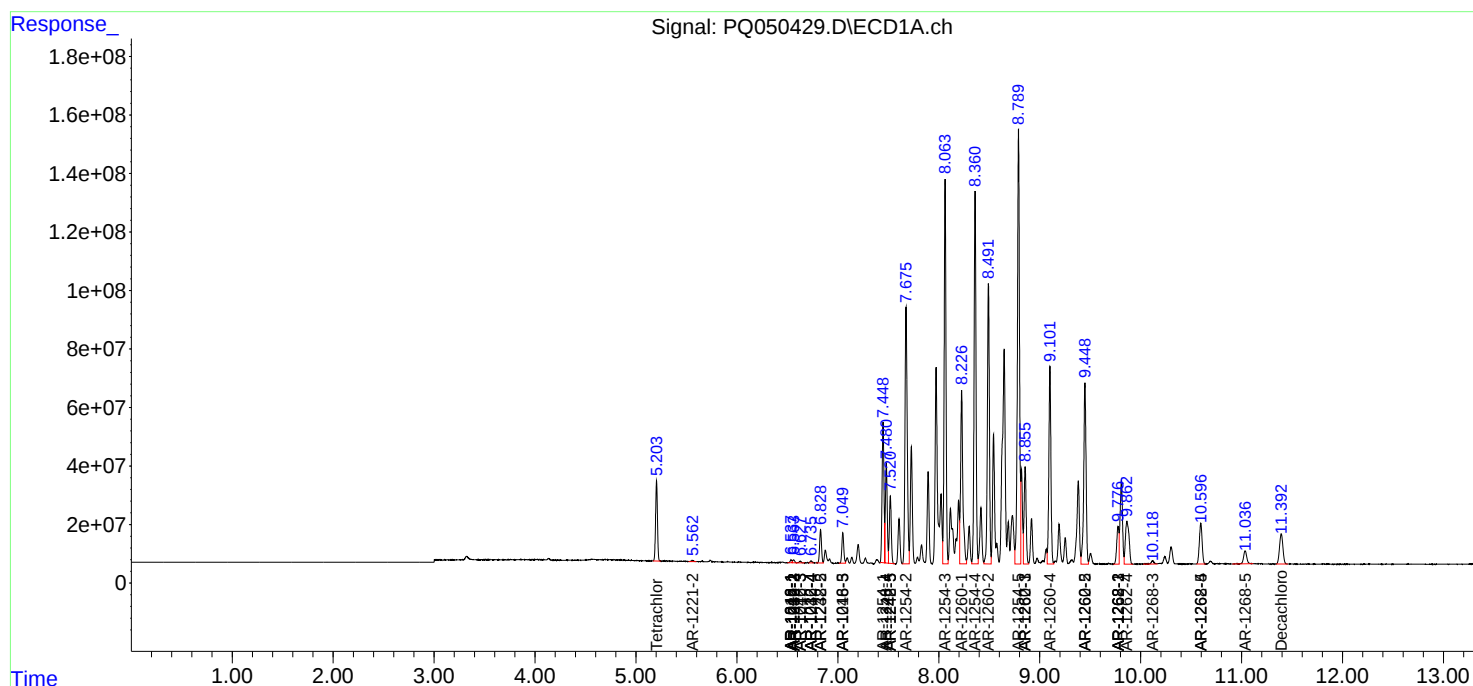
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

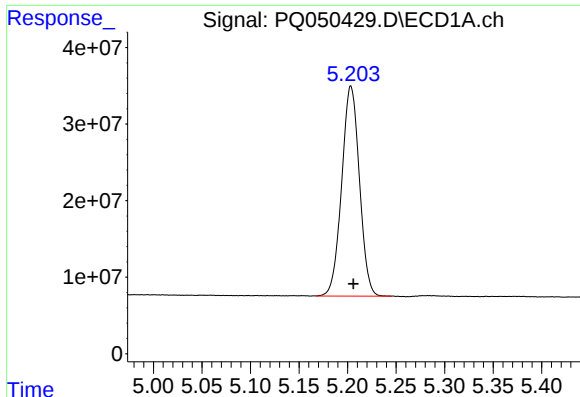
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101420\
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Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

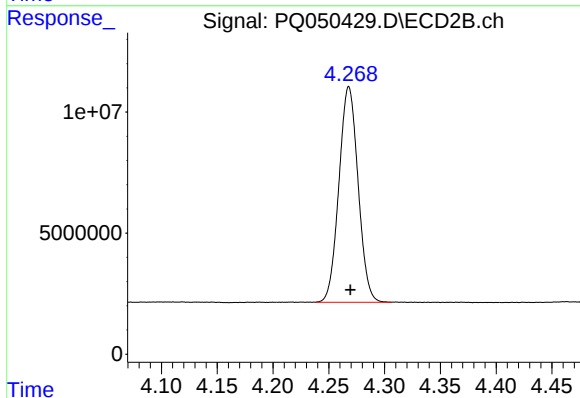




#1 Tetrachloro-m-xylene

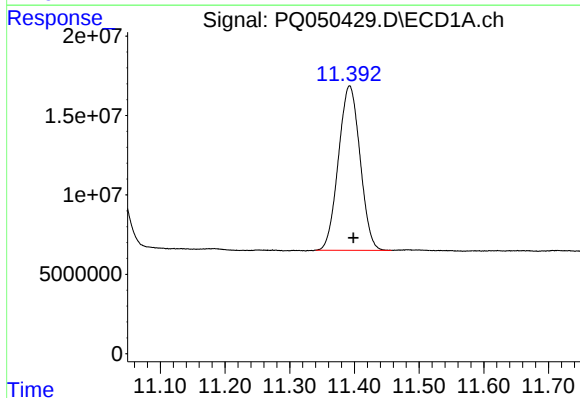
R.T.: 5.203 min
Delta R.T.: -0.003 min
Response: 348519146
Conc: 25.62 ng/ml

Instrument :
ECD_L
ClientSampleId :



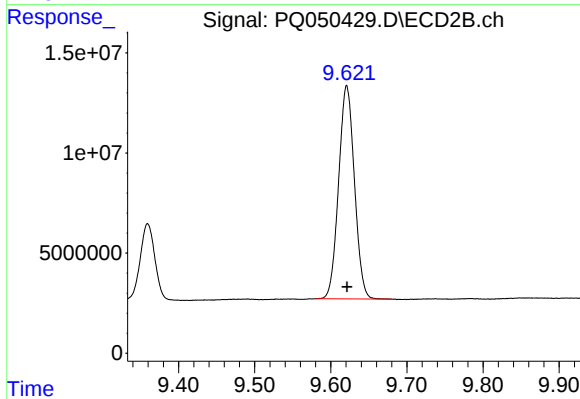
#1 Tetrachloro-m-xylene

R.T.: 4.268 min
Delta R.T.: -0.001 min
Response: 106311787
Conc: 25.44 ng/ml



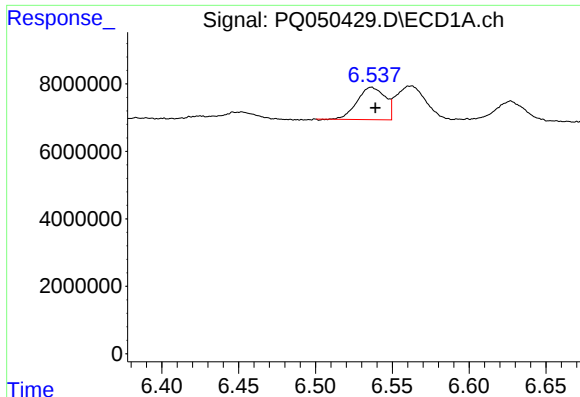
#2 Decachlorobiphenyl

R.T.: 11.393 min
Delta R.T.: -0.006 min
Response: 240198800
Conc: 23.41 ng/ml



#2 Decachlorobiphenyl

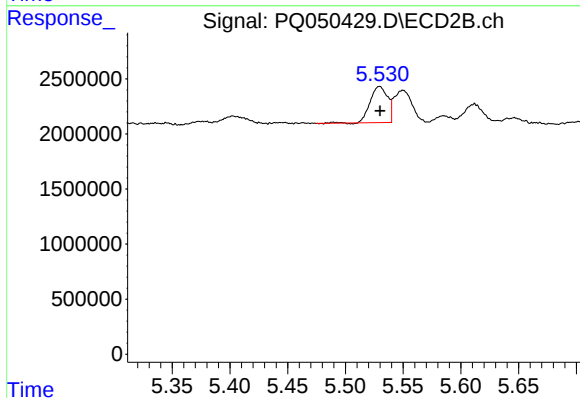
R.T.: 9.621 min
Delta R.T.: 0.000 min
Response: 153622749
Conc: 20.07 ng/ml



#3 AR-1016-1

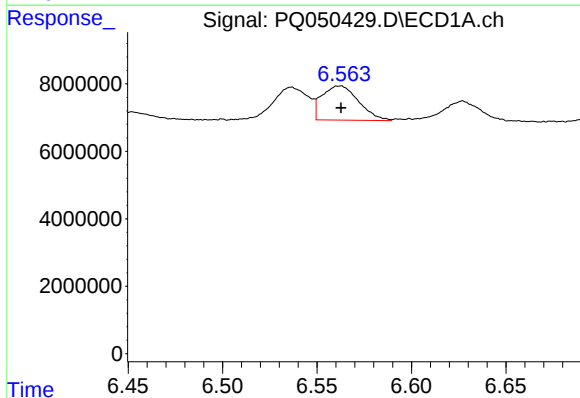
R.T.: 6.537 min
Delta R.T.: -0.002 min
Response: 12166860
Conc: 23.35 ng/ml

Instrument :
ECD_L
ClientSampleId :



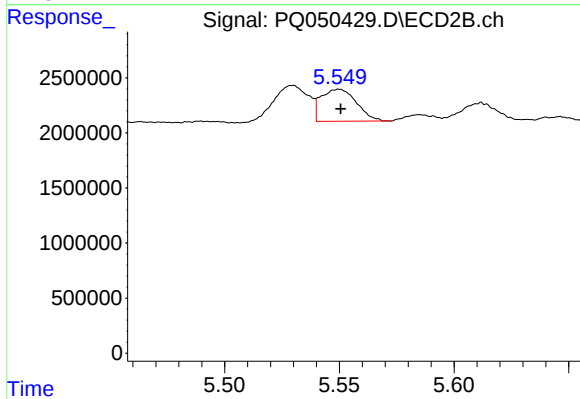
#3 AR-1016-1

R.T.: 5.530 min
Delta R.T.: 0.000 min
Response: 3455678
Conc: 18.06 ng/ml



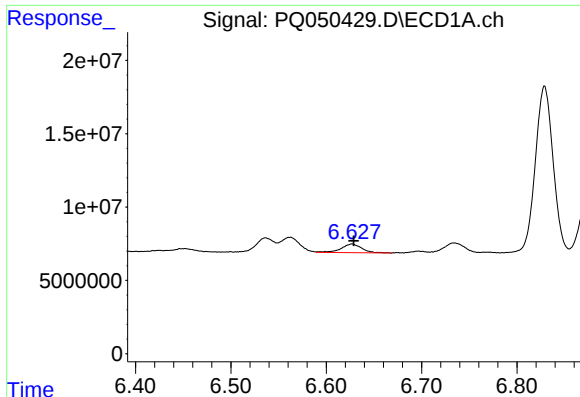
#4 AR-1016-2

R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 13706569
Conc: 18.51 ng/ml



#4 AR-1016-2

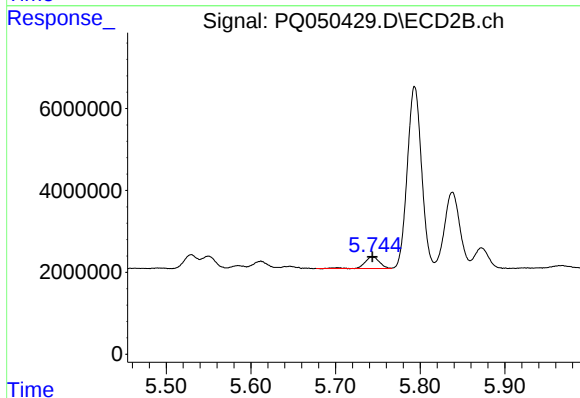
R.T.: 5.550 min
Delta R.T.: 0.000 min
Response: 3144316
Conc: 12.03 ng/ml



#5 AR-1016-3

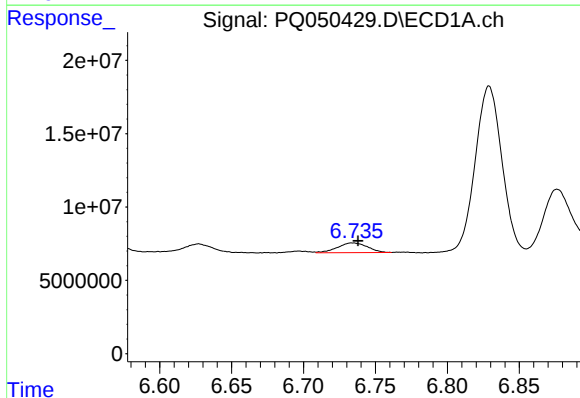
R.T.: 6.627 min
Delta R.T.: -0.002 min
Response: 8930979
Conc: 19.80 ng/ml

Instrument :
ECD_L
ClientSampleId :



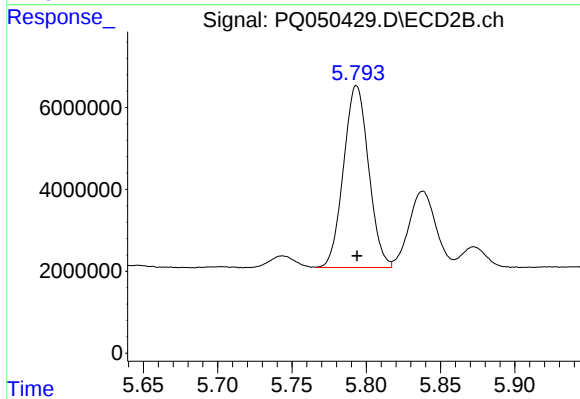
#5 AR-1016-3

R.T.: 5.744 min
Delta R.T.: 0.000 min
Response: 3520748
Conc: 25.04 ng/ml



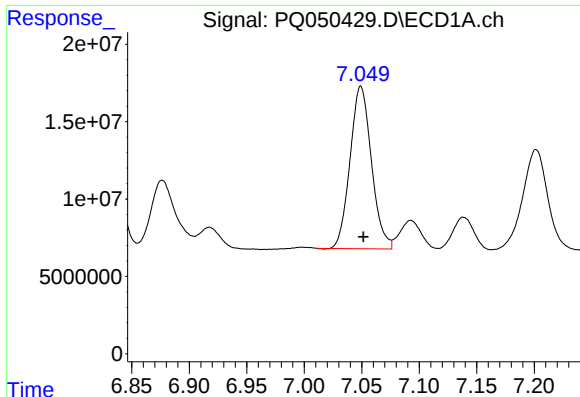
#6 AR-1016-4

R.T.: 6.734 min
Delta R.T.: -0.004 min
Response: 9559697
Conc: 25.33 ng/ml



#6 AR-1016-4

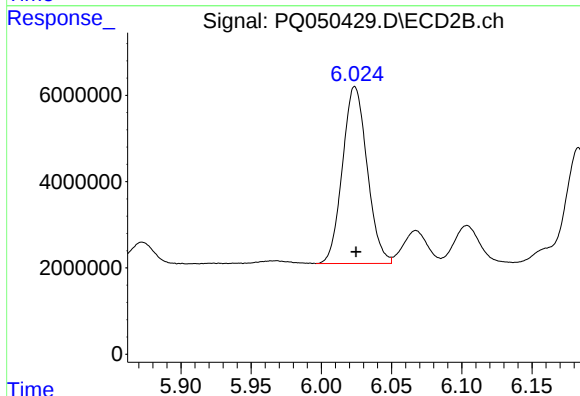
R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 52162401
Conc: 473.34 ng/ml



#7 AR-1016-5

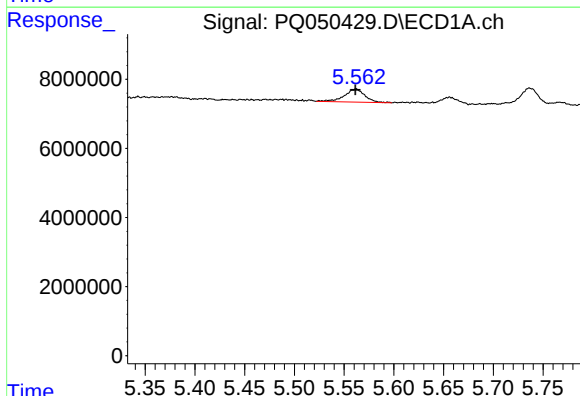
R.T.: 7.049 min
Delta R.T.: -0.002 min
Response: 136100392
Conc: 375.26 ng/ml

Instrument :
ECD_L
ClientSampleId :



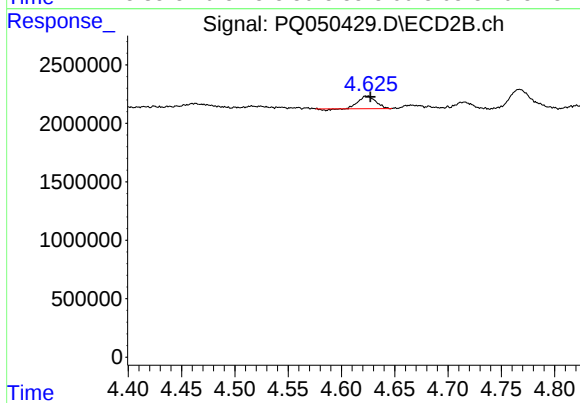
#7 AR-1016-5

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 50177992
Conc: 338.94 ng/ml



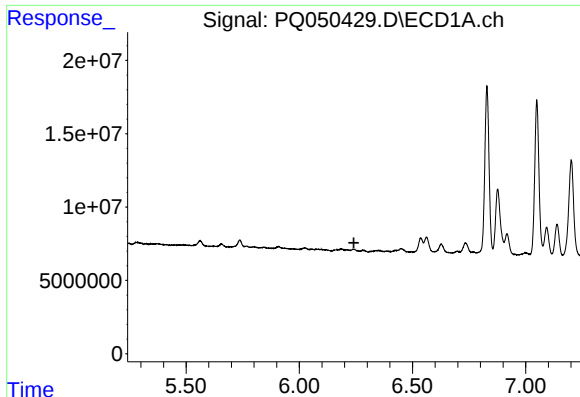
#9 AR-1221-2

R.T.: 5.562 min
Delta R.T.: 0.000 min
Response: 5419267
Conc: 56.12 ng/ml



#9 AR-1221-2

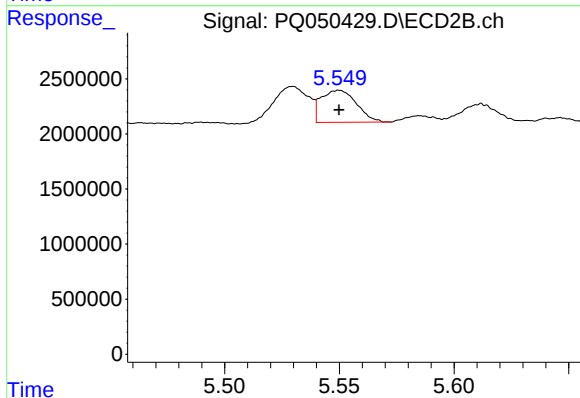
R.T.: 4.624 min
Delta R.T.: -0.003 min
Response: 1180844
Conc: 40.30 ng/ml



#12 AR-1232-2

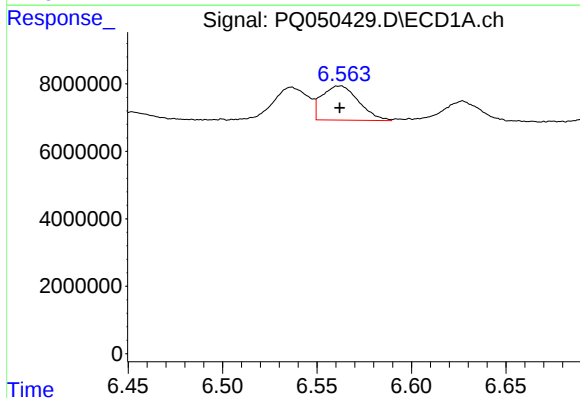
R.T.: 0.000 min
Exp R.T.: 6.241 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



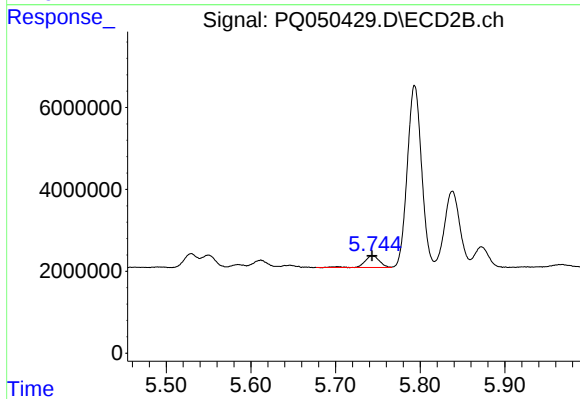
#12 AR-1232-2

R.T.: 5.550 min
Delta R.T.: 0.000 min
Response: 3144316
Conc: 30.44 ng/ml



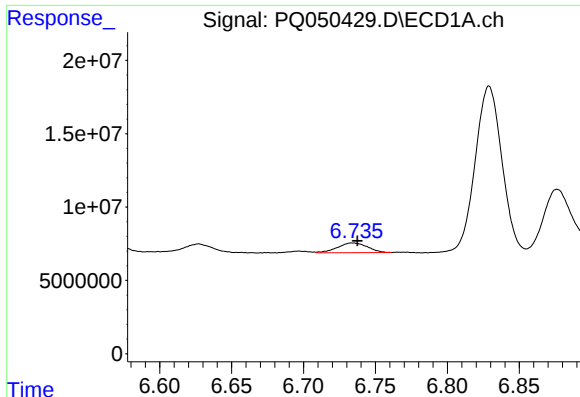
#13 AR-1232-3

R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 13706569
Conc: 46.90 ng/ml



#13 AR-1232-3

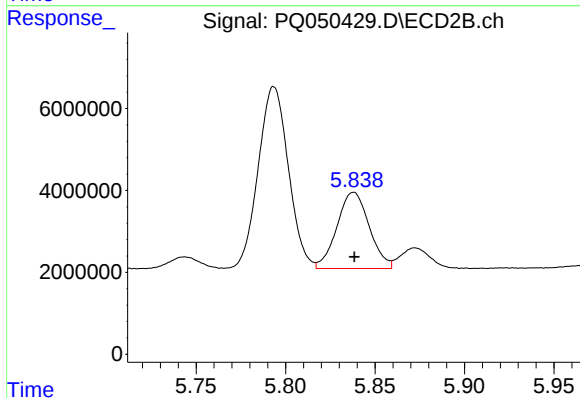
R.T.: 5.744 min
Delta R.T.: 0.000 min
Response: 3520748
Conc: 64.51 ng/ml



#14 AR-1232-4

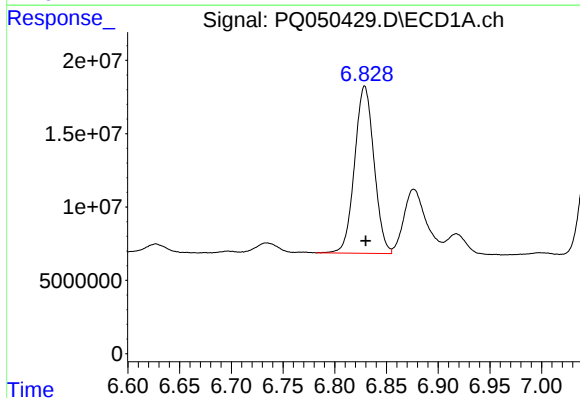
R.T.: 6.734 min
Delta R.T.: -0.003 min
Response: 9559697
Conc: 63.77 ng/ml

Instrument :
ECD_L
ClientSampleId :



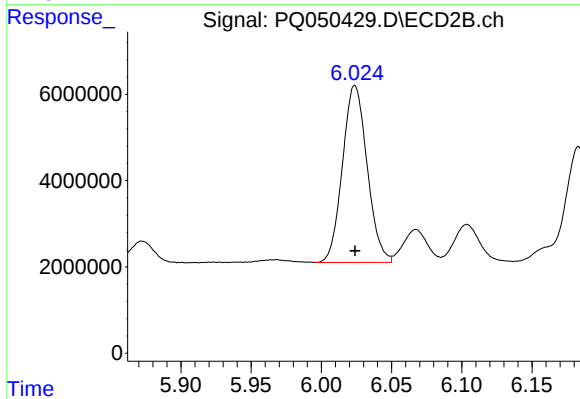
#14 AR-1232-4

R.T.: 5.838 min
Delta R.T.: 0.000 min
Response: 23414814
Conc: 493.76 ng/ml



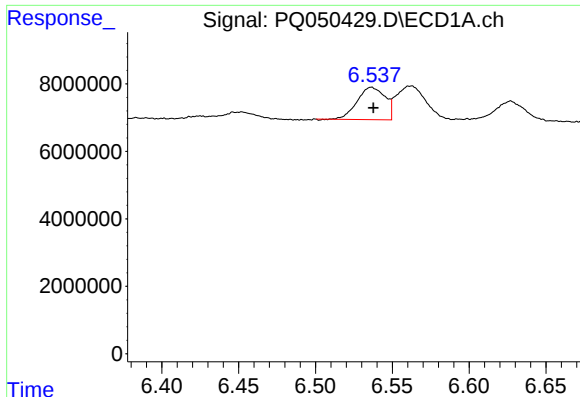
#15 AR-1232-5

R.T.: 6.829 min
Delta R.T.: -0.001 min
Response: 148529400
Conc: 1353.61 ng/ml



#15 AR-1232-5

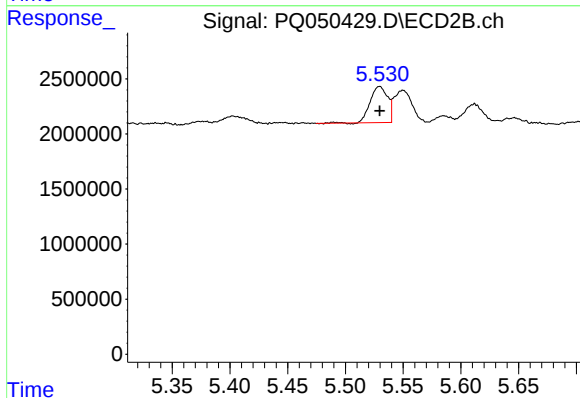
R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 50177992
Conc: 940.50 ng/ml



#16 AR-1242-1

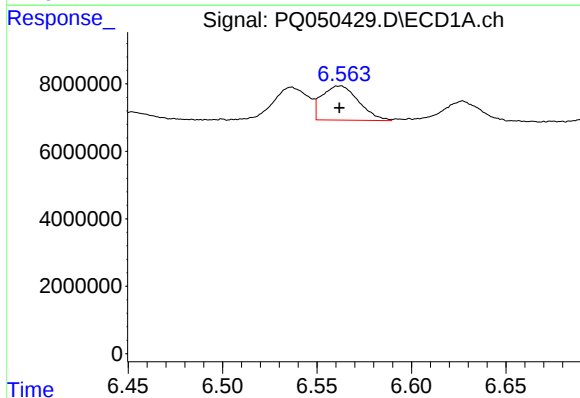
R.T.: 6.537 min
Delta R.T.: -0.001 min
Response: 12166860
Conc: 32.17 ng/ml

Instrument :
ECD_L
ClientSampleId :



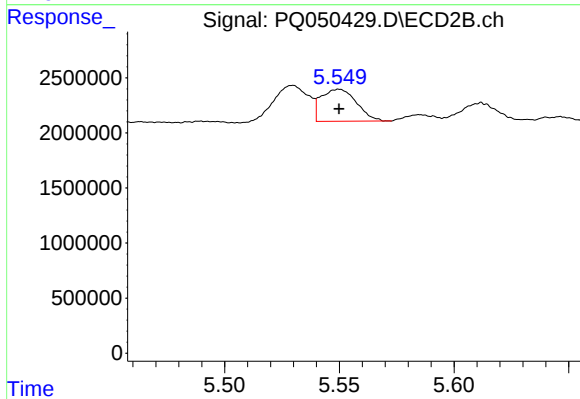
#16 AR-1242-1

R.T.: 5.530 min
Delta R.T.: 0.000 min
Response: 3455678
Conc: 25.31 ng/ml



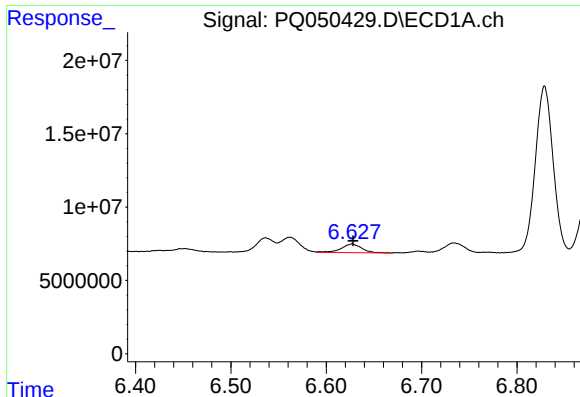
#17 AR-1242-2

R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 13706569
Conc: 25.65 ng/ml



#17 AR-1242-2

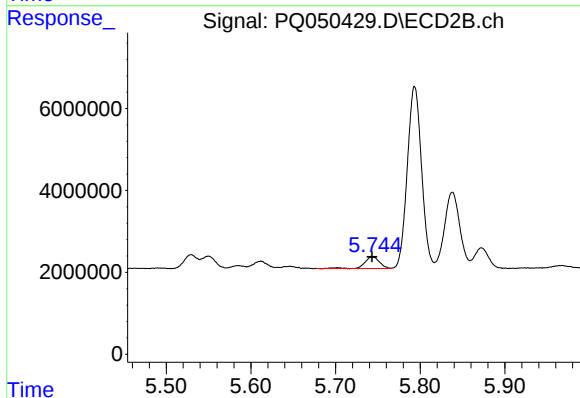
R.T.: 5.550 min
Delta R.T.: 0.000 min
Response: 3144316
Conc: 16.89 ng/ml



#18 AR-1242-3

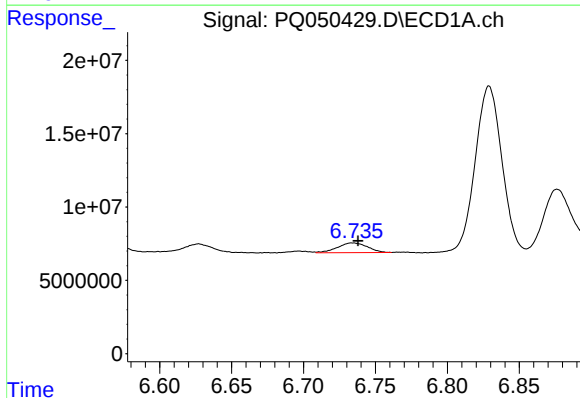
R.T.: 6.627 min
Delta R.T.: -0.001 min
Response: 8930979
Conc: 27.27 ng/ml

Instrument :
ECD_L
ClientSampleId :



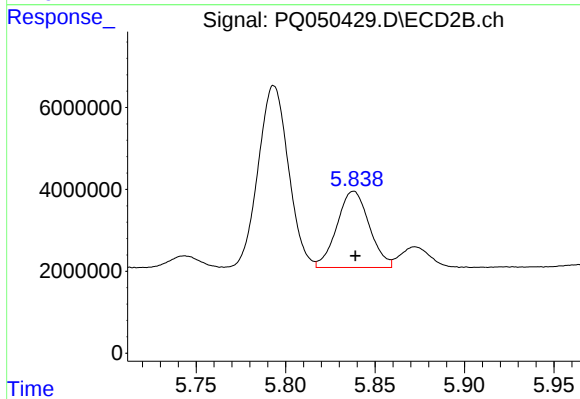
#18 AR-1242-3

R.T.: 5.744 min
Delta R.T.: 0.000 min
Response: 3520748
Conc: 35.14 ng/ml



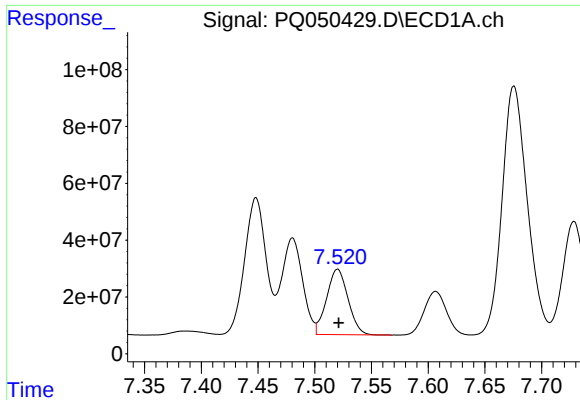
#19 AR-1242-4

R.T.: 6.734 min
Delta R.T.: -0.004 min
Response: 9559697
Conc: 35.00 ng/ml



#19 AR-1242-4

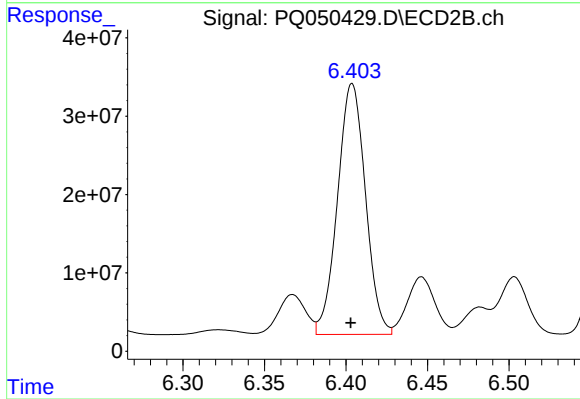
R.T.: 5.838 min
Delta R.T.: 0.000 min
Response: 23414814
Conc: 245.93 ng/ml



#20 AR-1242-5

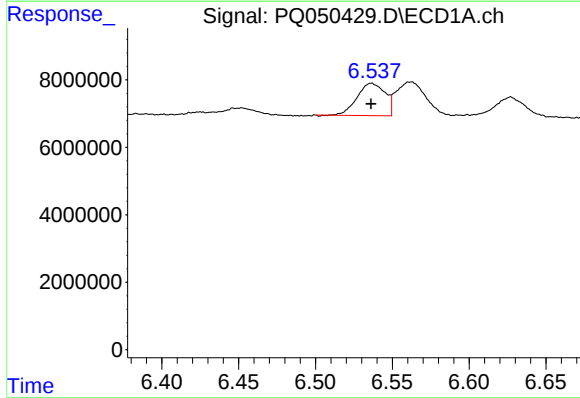
R.T.: 7.520 min
Delta R.T.: -0.001 min
Response: 302667216
Conc: 1006.25 ng/ml

Instrument :
ECD_L
ClientSampleId :



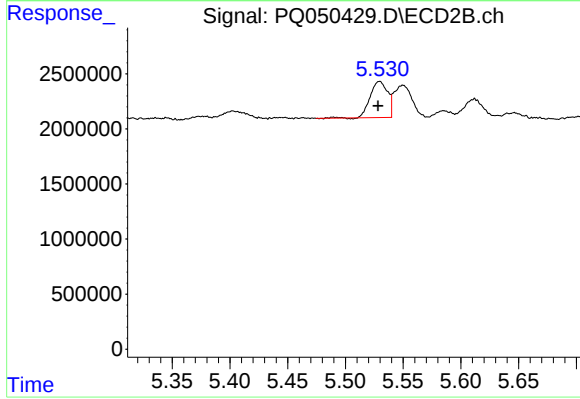
#20 AR-1242-5

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 382257744
Conc: 2756.16 ng/ml



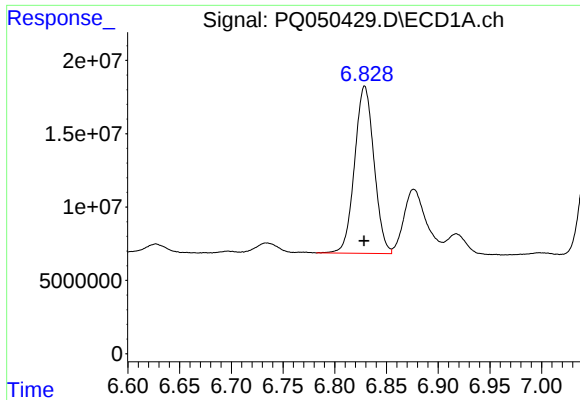
#21 AR-1248-1

R.T.: 6.537 min
Delta R.T.: 0.000 min
Response: 12166860
Conc: 32.89 ng/ml



#21 AR-1248-1

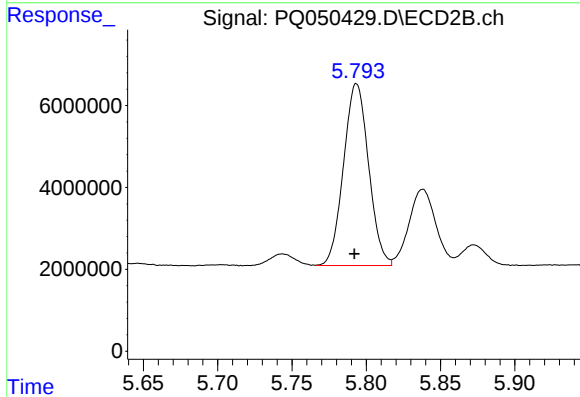
R.T.: 5.530 min
Delta R.T.: 0.001 min
Response: 3455678
Conc: 26.84 ng/ml



#22 AR-1248-2

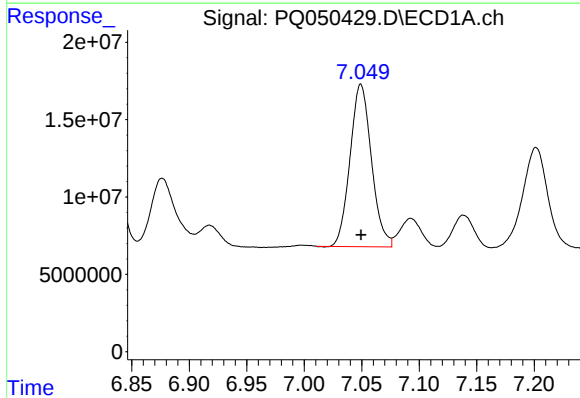
R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 148529400
Conc: 291.71 ng/ml

Instrument :
ECD_L
ClientSampleId :



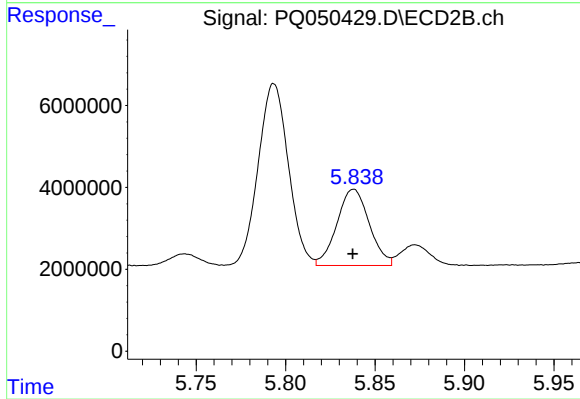
#22 AR-1248-2

R.T.: 5.793 min
Delta R.T.: 0.001 min
Response: 52162401
Conc: 292.61 ng/ml



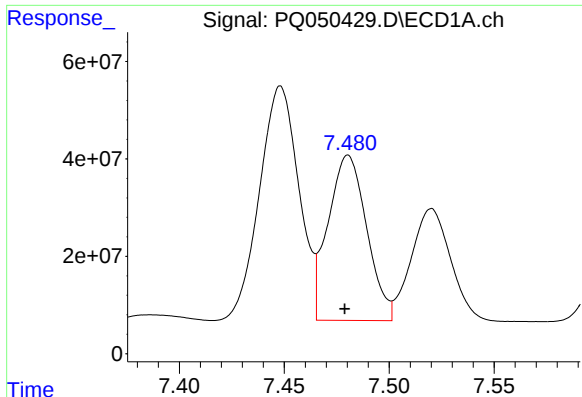
#23 AR-1248-3

R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 136100392
Conc: 245.79 ng/ml



#23 AR-1248-3

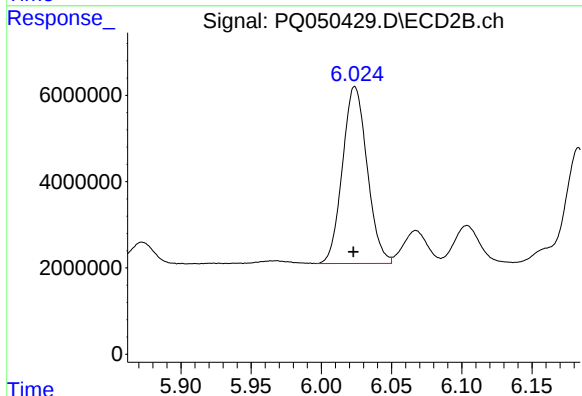
R.T.: 5.838 min
Delta R.T.: 0.000 min
Response: 23414814
Conc: 127.11 ng/ml



#24 AR-1248-4

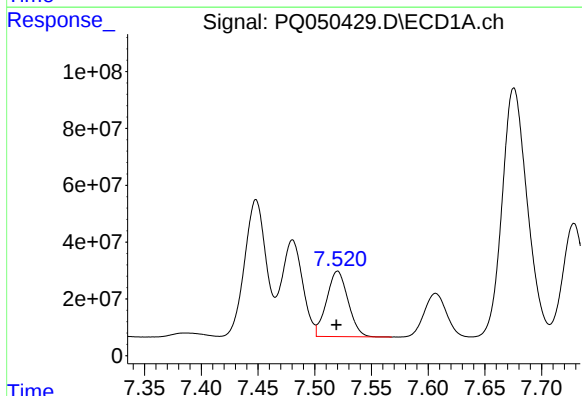
R.T.: 7.480 min
Delta R.T.: 0.002 min
Response: 434653103
Conc: 681.25 ng/ml

Instrument :
ECD_L
ClientSampleId :



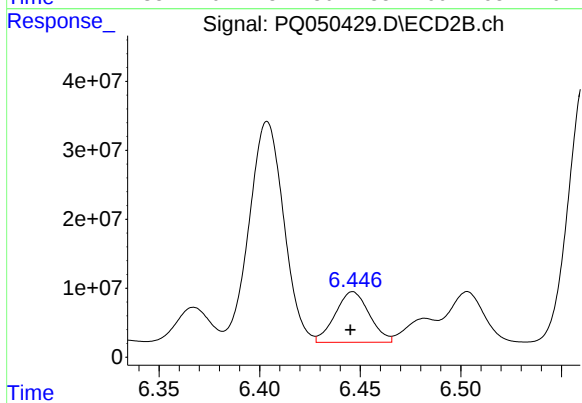
#24 AR-1248-4

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 50177992
Conc: 222.81 ng/ml



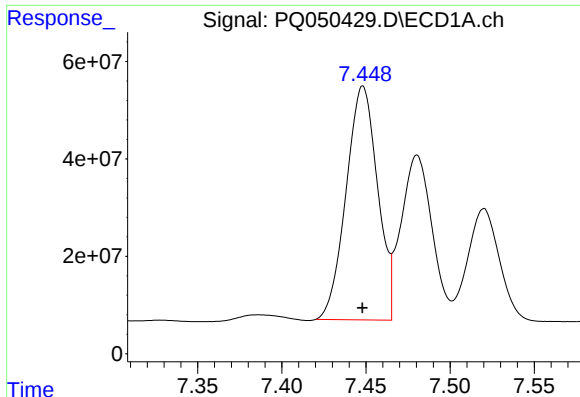
#25 AR-1248-5

R.T.: 7.520 min
Delta R.T.: 0.001 min
Response: 302667216
Conc: 492.68 ng/ml



#25 AR-1248-5

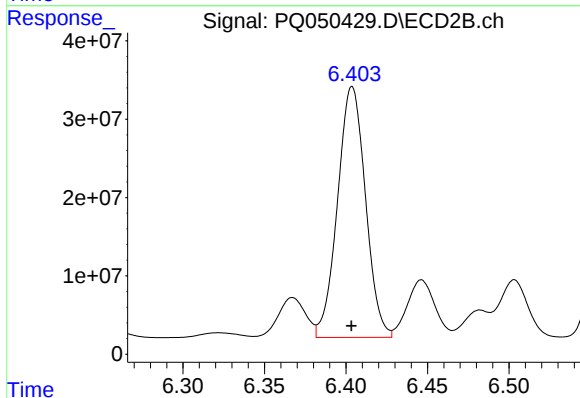
R.T.: 6.446 min
Delta R.T.: 0.001 min
Response: 86784710
Conc: 361.20 ng/ml



#26 AR-1254-1

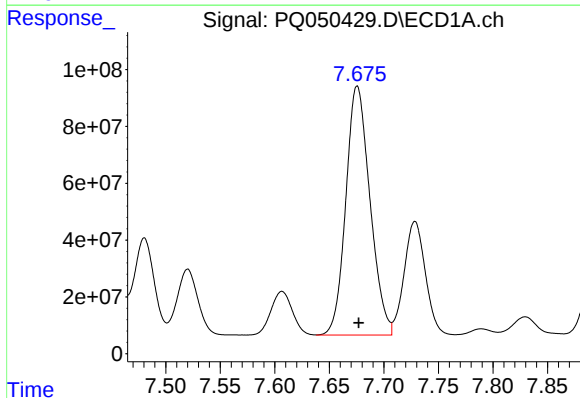
R.T.: 7.448 min
Delta R.T.: 0.000 min
Response: 625014270
Conc: 1285.78 ng/ml

Instrument :
ECD_L
ClientSampleId :



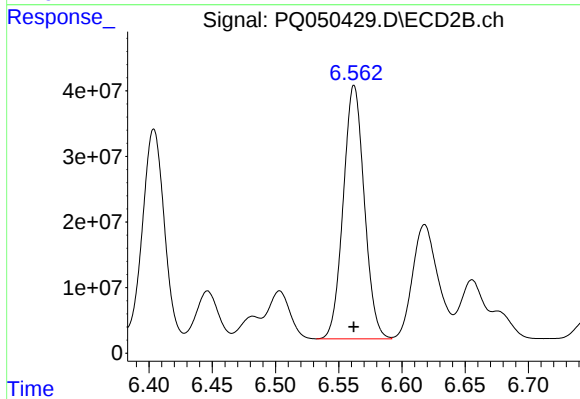
#26 AR-1254-1

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 382257744
Conc: 1322.04 ng/ml



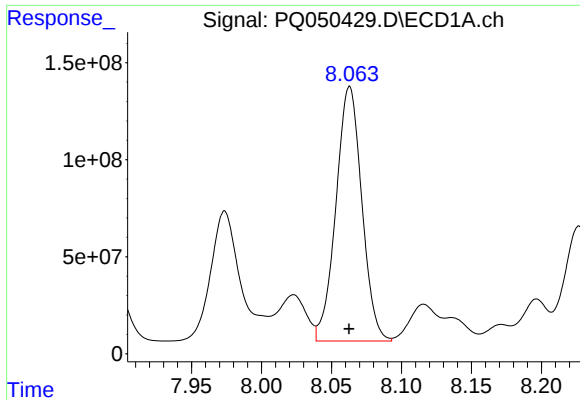
#27 AR-1254-2

R.T.: 7.676 min
Delta R.T.: -0.002 min
Response: 1350157520
Conc: 1799.92 ng/ml



#27 AR-1254-2

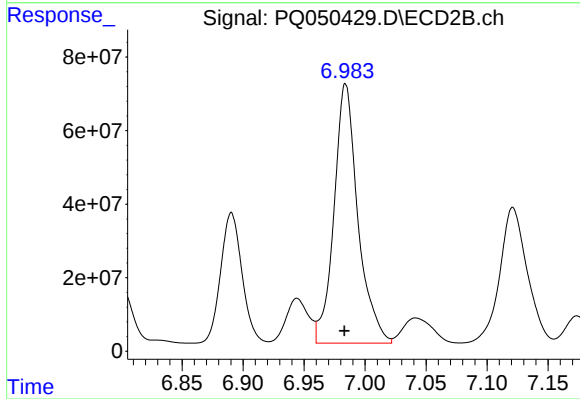
R.T.: 6.562 min
Delta R.T.: 0.000 min
Response: 447789617
Conc: 1733.24 ng/ml



#28 AR-1254-3

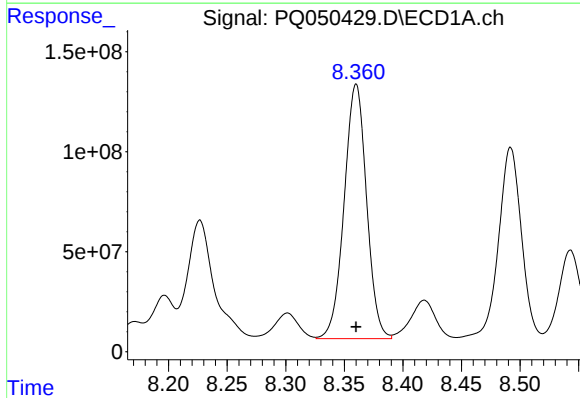
R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 1689868655
Conc: 2227.84 ng/ml

Instrument :
ECD_L
ClientSampleId :



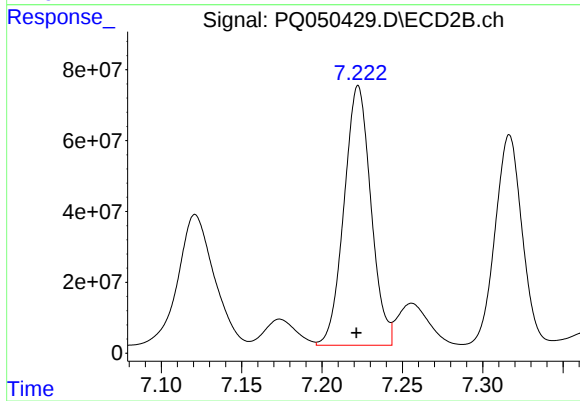
#28 AR-1254-3

R.T.: 6.984 min
Delta R.T.: 0.001 min
Response: 963832269
Conc: 2227.97 ng/ml



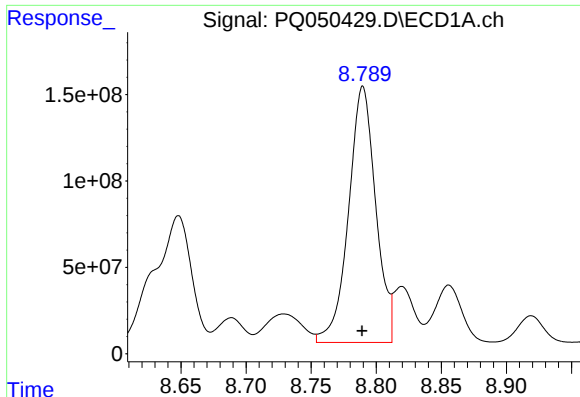
#29 AR-1254-4

R.T.: 8.360 min
Delta R.T.: 0.000 min
Response: 1694309705
Conc: 2829.02 ng/ml



#29 AR-1254-4

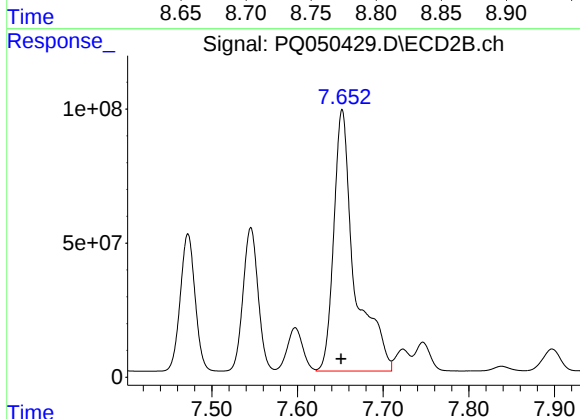
R.T.: 7.223 min
Delta R.T.: 0.001 min
Response: 853561414
Conc: 2730.79 ng/ml



#30 AR-1254-5

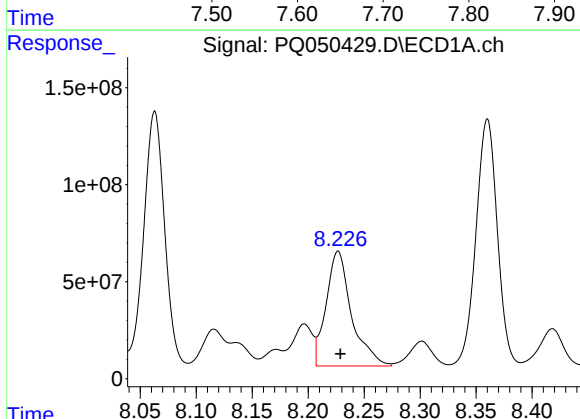
R.T.: 8.790 min
Delta R.T.: 0.000 min
Response: 2156782149
Conc: 3730.67 ng/ml

Instrument :
ECD_L
ClientSampleId :



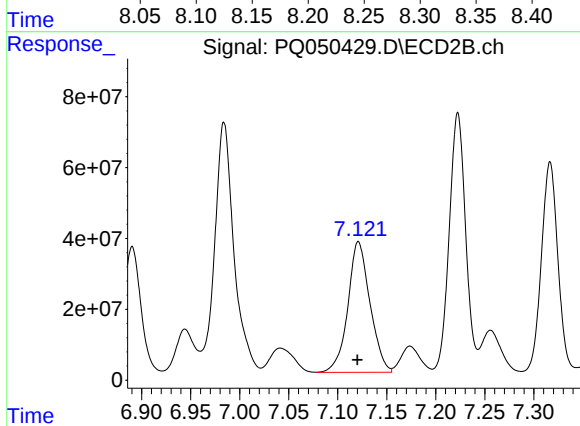
#30 AR-1254-5

R.T.: 7.652 min
Delta R.T.: 0.002 min
Response: 1653510400
Conc: 3961.78 ng/ml



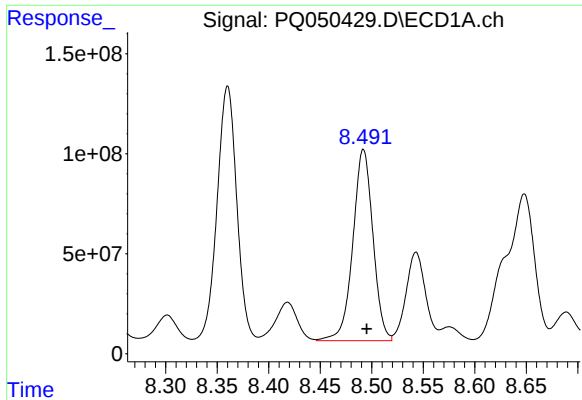
#31 AR-1260-1

R.T.: 8.227 min
Delta R.T.: -0.002 min
Response: 935831796
Conc: 1541.02 ng/ml



#31 AR-1260-1

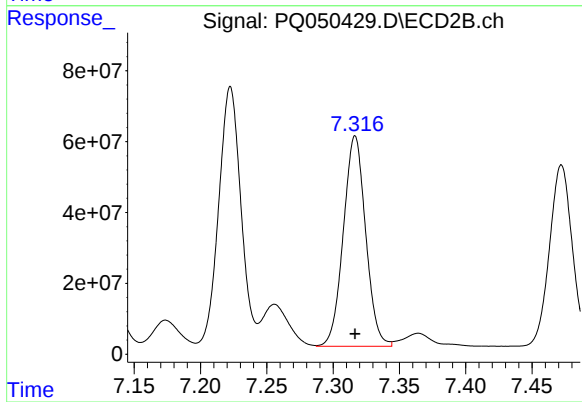
R.T.: 7.121 min
Delta R.T.: 0.001 min
Response: 578265386
Conc: 1836.69 ng/ml



#32 AR-1260-2

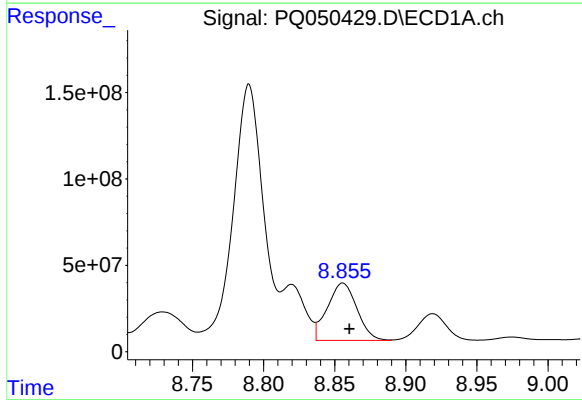
R.T.: 8.492 min
Delta R.T.: -0.003 min
Response: 1299096744
Conc: 1821.97 ng/ml

Instrument :
ECD_L
ClientSampleId :



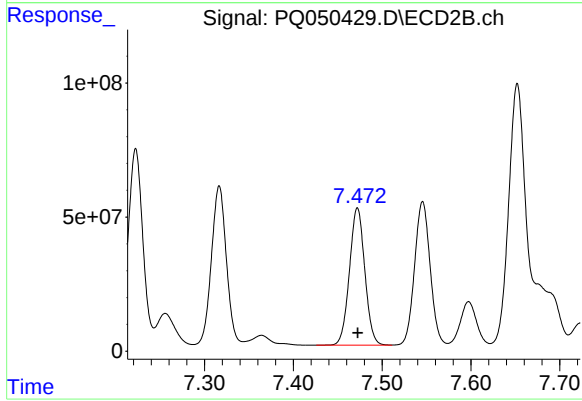
#32 AR-1260-2

R.T.: 7.317 min
Delta R.T.: 0.000 min
Response: 695497750
Conc: 1612.69 ng/ml



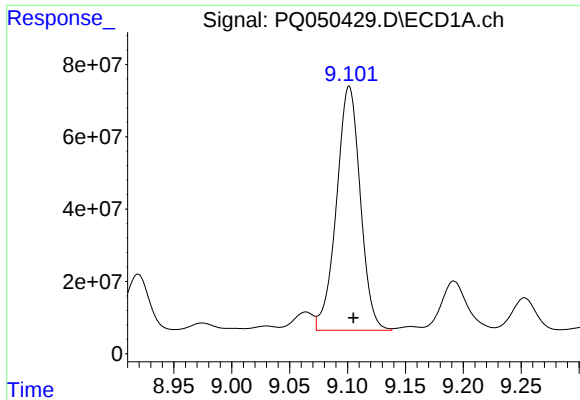
#33 AR-1260-3

R.T.: 8.856 min
Delta R.T.: -0.005 min
Response: 481849394
Conc: 875.93 ng/ml



#33 AR-1260-3

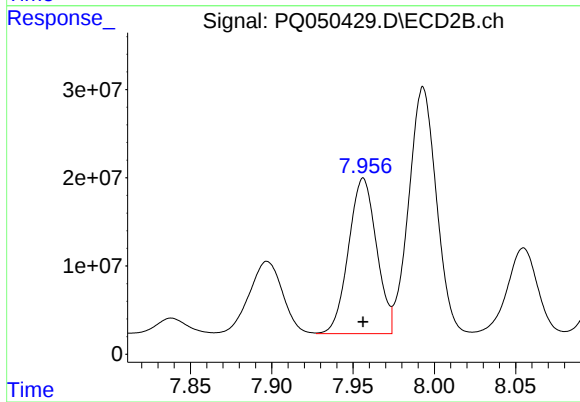
R.T.: 7.472 min
Delta R.T.: 0.000 min
Response: 613904220
Conc: 1633.80 ng/ml



#34 AR-1260-4

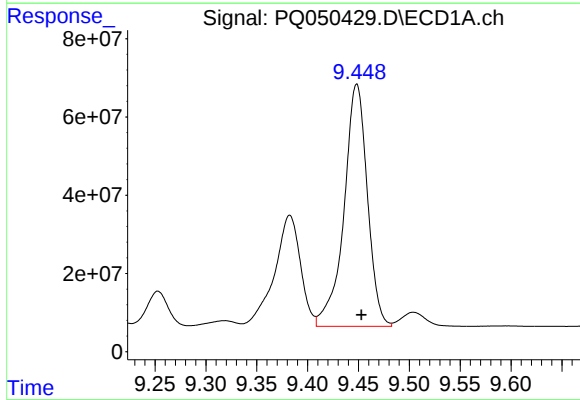
R.T.: 9.101 min
Delta R.T.: -0.004 min
Response: 965556706
Conc: 1666.68 ng/ml

Instrument :
ECD_L
ClientSampleId :



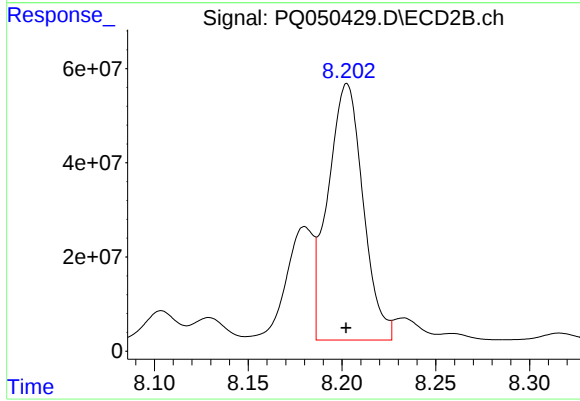
#34 AR-1260-4

R.T.: 7.956 min
Delta R.T.: 0.000 min
Response: 210989349
Conc: 624.57 ng/ml



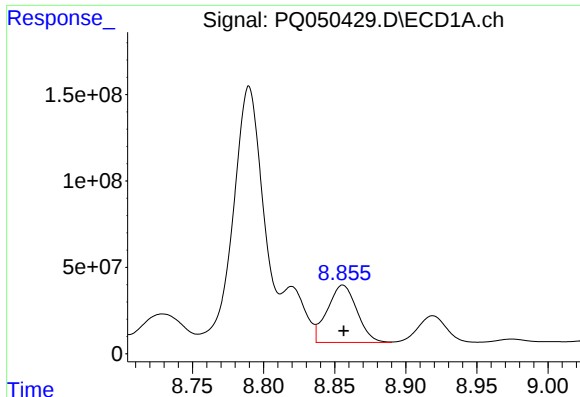
#35 AR-1260-5

R.T.: 9.448 min
Delta R.T.: -0.005 min
Response: 992228448
Conc: 857.59 ng/ml



#35 AR-1260-5

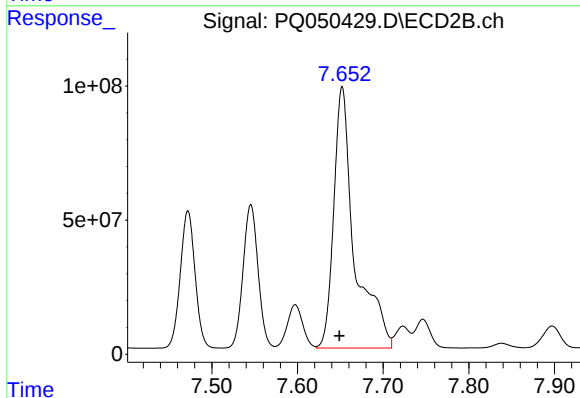
R.T.: 8.203 min
Delta R.T.: 0.000 min
Response: 710751789
Conc: 745.77 ng/ml



#36 AR-1262-1

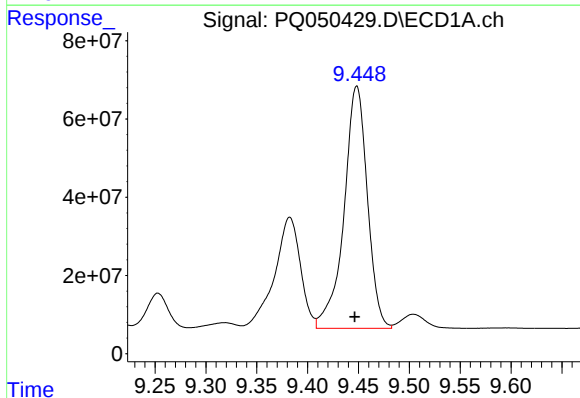
R.T.: 8.856 min
Delta R.T.: 0.000 min
Response: 481849394
Conc: 683.57 ng/ml

Instrument :
ECD_L
ClientSampleId :



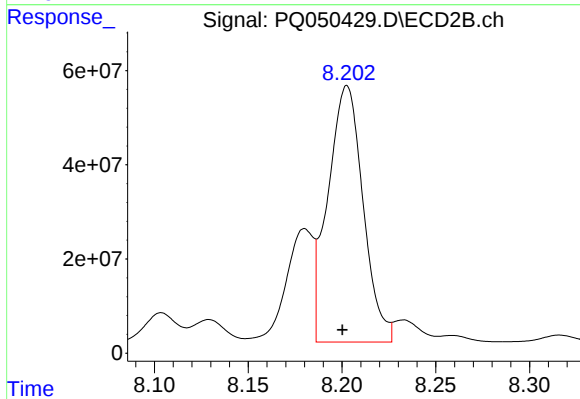
#36 AR-1262-1

R.T.: 7.652 min
Delta R.T.: 0.003 min
Response: 1653510400
Conc: 7234.75 ng/ml



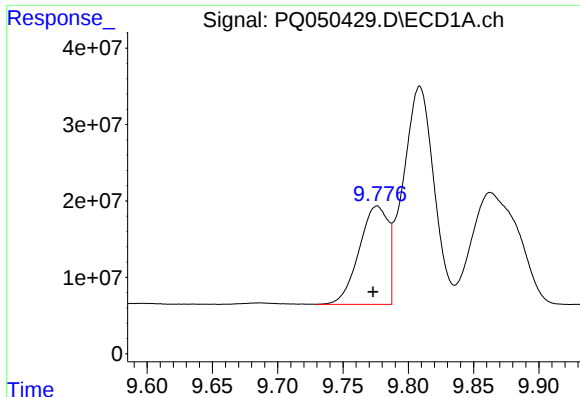
#37 AR-1262-2

R.T.: 9.448 min
Delta R.T.: 0.002 min
Response: 992228448
Conc: 853.46 ng/ml



#37 AR-1262-2

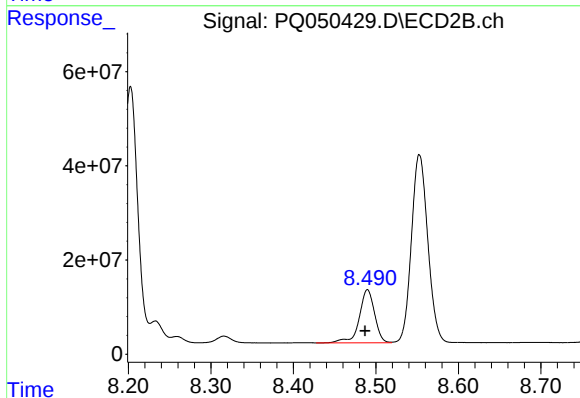
R.T.: 8.203 min
Delta R.T.: 0.002 min
Response: 710751789
Conc: 748.92 ng/ml



#38 AR-1262-3

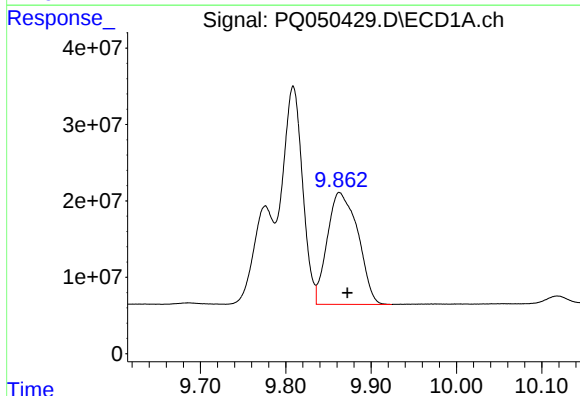
R.T.: 9.776 min
Delta R.T.: 0.003 min
Response: 198578478
Conc: 370.46 ng/ml

Instrument :
ECD_L
ClientSampleId :



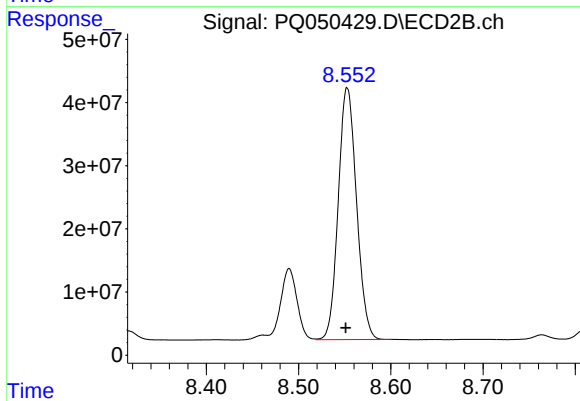
#38 AR-1262-3

R.T.: 8.490 min
Delta R.T.: 0.003 min
Response: 145025378
Conc: 368.75 ng/ml



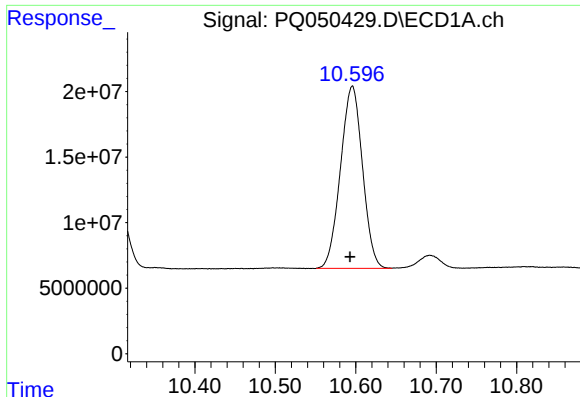
#39 AR-1262-4

R.T.: 9.863 min
Delta R.T.: -0.009 min
Response: 365220885
Conc: 571.68 ng/ml



#39 AR-1262-4

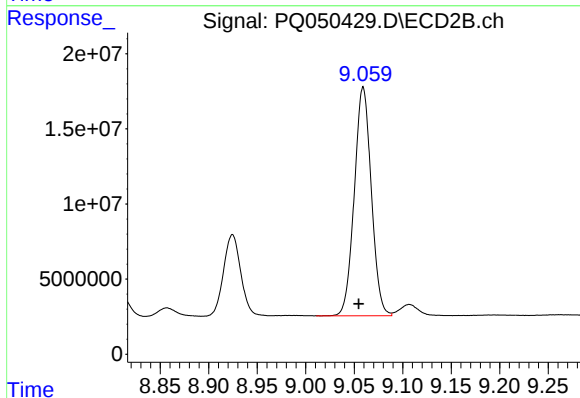
R.T.: 8.553 min
Delta R.T.: 0.002 min
Response: 549348739
Conc: 801.54 ng/ml



#40 AR-1262-5

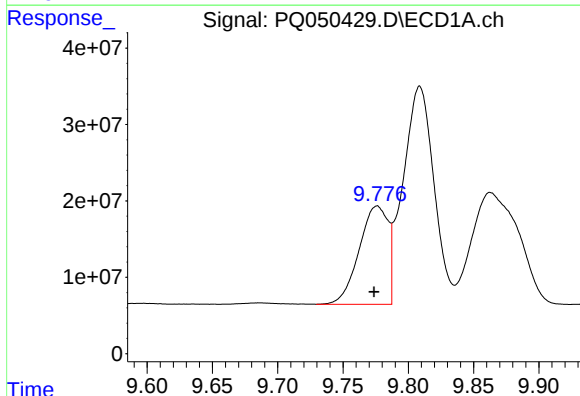
R.T.: 10.596 min
Delta R.T.: 0.003 min
Response: 264214607
Conc: 596.31 ng/ml

Instrument :
ECD_L
ClientSampleId :



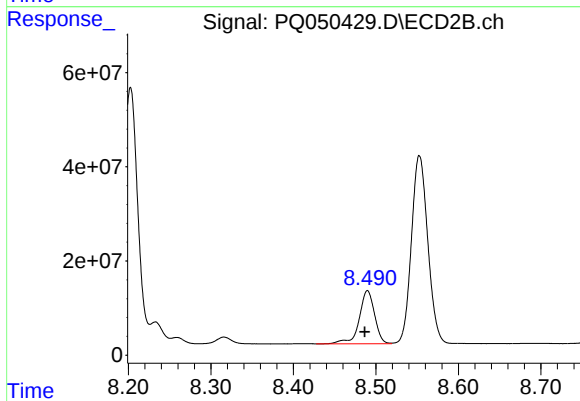
#40 AR-1262-5

R.T.: 9.059 min
Delta R.T.: 0.005 min
Response: 185790788
Conc: 538.49 ng/ml



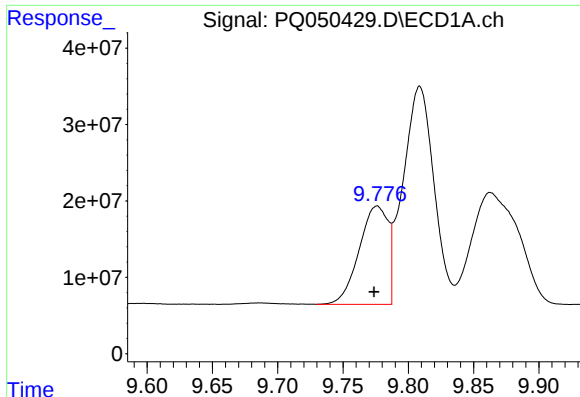
#41 AR-1268-1

R.T.: 9.776 min
Delta R.T.: 0.002 min
Response: 198578478
Conc: 149.77 ng/ml



#41 AR-1268-1

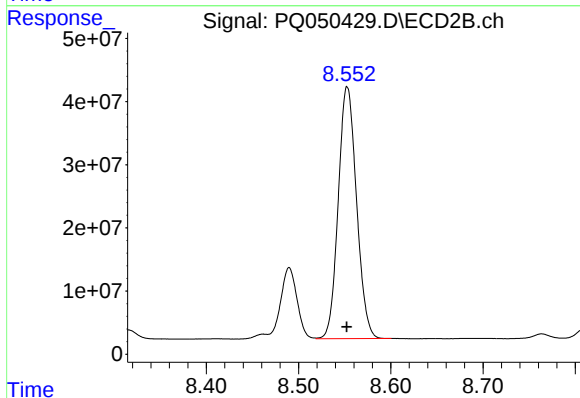
R.T.: 8.490 min
Delta R.T.: 0.003 min
Response: 145025378
Conc: 128.44 ng/ml



#42 AR-1268-2

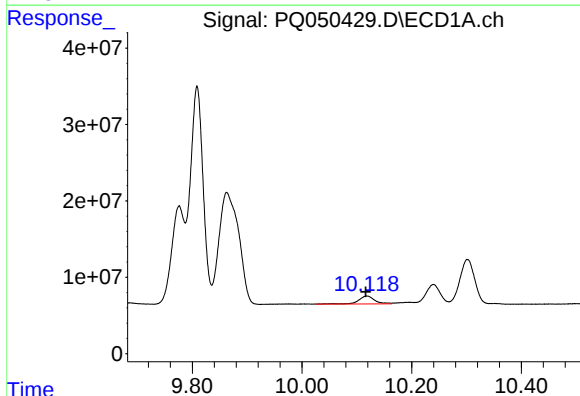
R.T.: 9.776 min
Delta R.T.: 0.002 min
Response: 198578478
Conc: 149.77 ng/ml

Instrument :
ECD_L
ClientSampleId :



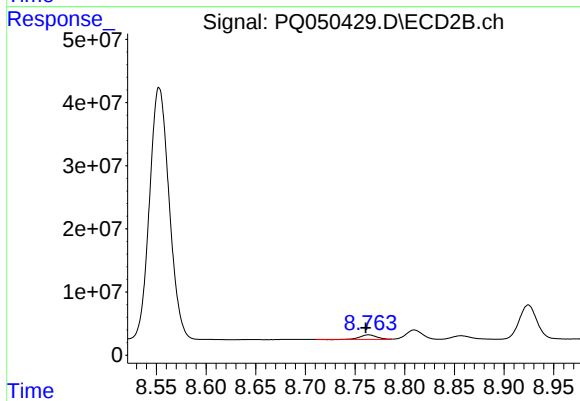
#42 AR-1268-2

R.T.: 8.553 min
Delta R.T.: 0.000 min
Response: 549348739
Conc: 553.86 ng/ml



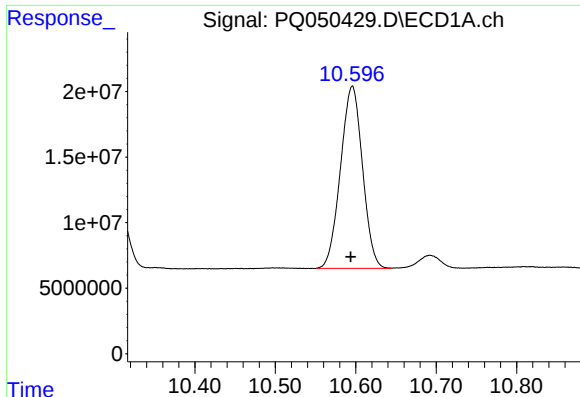
#43 AR-1268-3

R.T.: 10.118 min
Delta R.T.: 0.002 min
Response: 21516671
Conc: 20.95 ng/ml



#43 AR-1268-3

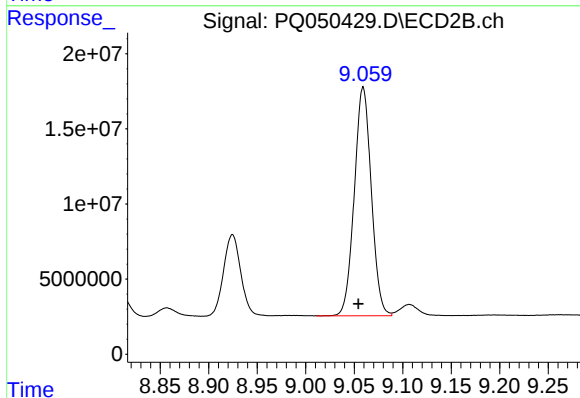
R.T.: 8.764 min
Delta R.T.: 0.003 min
Response: 8368733
Conc: 9.93 ng/ml



#44 AR-1268-4

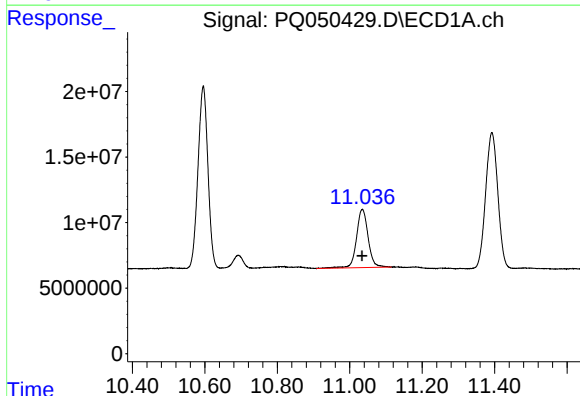
R.T.: 10.596 min
Delta R.T.: 0.002 min
Response: 264214607
Conc: 546.92 ng/ml

Instrument :
ECD_L
ClientSampleId :



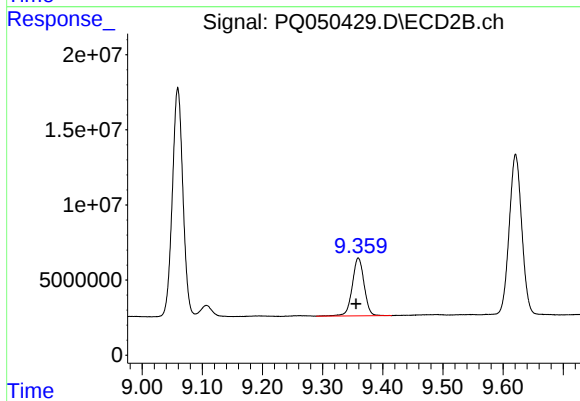
#44 AR-1268-4

R.T.: 9.059 min
Delta R.T.: 0.005 min
Response: 185790788
Conc: 491.12 ng/ml



#45 AR-1268-5

R.T.: 11.035 min
Delta R.T.: 0.000 min
Response: 98798718
Conc: 33.74 ng/ml



#45 AR-1268-5

R.T.: 9.359 min
Delta R.T.: 0.004 min
Response: 52828239
Conc: 20.25 ng/ml