

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111119\
 Data File : PQ044918.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2019 09:46
 Operator : SM\AJ
 Sample : PB124665BS
 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: Nov 11 17:12:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 03:35:55 2019
 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...	5.104	4.310	136.7E6	92548806	17.225	19.628
2)	SA Decachlor...	11.172	9.727	184.8E6	205.8E6	26.689	30.333
Target Compounds							
3)	L1 AR-1016-1	6.419	5.589	25091708	19673472	99.844	106.817
4)	L1 AR-1016-2	6.442	5.610	34570164	27735893	91.420	104.967
5)	L1 AR-1016-3	6.509	5.806	21491966	16691633	92.571	129.337 #
6)	L1 AR-1016-4	6.615	5.854	18128045	12845713	95.748	118.296
7)	L1 AR-1016-5	6.930	6.088	18688379	15713719	95.816	102.850
8)	L2 AR-1221-1	5.345	4.570	2925928	2556553	35.306	47.662 #
9)	L2 AR-1221-2	5.452	4.674	4302437	3461568	73.279	87.678
10)	L2 AR-1221-3	5.535	4.765	12749976	10434741	64.969	79.829
11)	L3 AR-1232-1	5.535	4.765	12749976	10434741	73.139	90.469
12)	L3 AR-1232-2	6.125	5.610	19434985	27735893	216.698	223.001
13)	L3 AR-1232-3	6.442	5.806	34570164	16691633	195.794	281.859 #
14)	L3 AR-1232-4	6.615	5.900	18128045	15921825	204.895	264.859 #
15)	L3 AR-1232-5	6.713	6.088	16468865	15713719	248.249	215.750
16)	L4 AR-1242-1	6.419	5.589	25091708	19673472	116.736	125.479
17)	L4 AR-1242-2	6.442	5.610	34570164	27735893	107.499	123.962
18)	L4 AR-1242-3	6.509	5.806	21491966	16691633	108.319	150.178 #
19)	L4 AR-1242-4	6.615	5.900	18128045	15921825	112.277	133.522
20)	L4 AR-1242-5	7.396	6.470	2601800	12576520	14.377	76.592 #
21)	L5 AR-1248-1	6.419	5.589	25091708	19673472	148.983	158.081
22)	L5 AR-1248-2	6.713	5.854	16468865	12845713	67.238	75.461
23)	L5 AR-1248-3	6.930	5.900	18688379	15921825	68.668	89.027 #
24)	L5 AR-1248-4	7.355	6.088	2813576	15713719	9.290	72.190 #
25)	L5 AR-1248-5	7.396	6.515	2601800	16046605	9.096	71.962 #
26)	L6 AR-1254-1	7.328	6.470	14203281	12576520	43.897	34.572
27)	L6 AR-1254-2	7.555	6.628	14414919	12669983	29.033	39.338 #
28)	L6 AR-1254-3	7.939	7.071	8837612	22978300	16.604	41.425 #
29)	L6 AR-1254-4	8.233	7.295	4987298	2499845	12.911	6.994 #
30)	L6 AR-1254-5	8.662	7.728	48248302	48670921	111.691	97.337
31)	L7 AR-1260-1	8.106	7.192	33933796	34499105	108.649	112.605
32)	L7 AR-1260-2	8.371	7.387	40170612	43565102	98.112	110.332
33)	L7 AR-1260-3	8.739	7.548	25848590	37897005	79.174	110.620 #
34)	L7 AR-1260-4	8.973	8.034	31169536	27998542	81.967	91.303
35)	L7 AR-1260-5	9.305	8.281	57505287	68447896	74.702	87.459
36)	L8 AR-1262-1	8.798	7.728	14063207	48670921	67.419	192.304 #
37)	L8 AR-1262-2	9.305	8.281	57505287	68447896	63.669	69.368
38)	L8 AR-1262-3	9.646	8.569	36425691	13048090	59.726	33.864 #
39)	L8 AR-1262-4	9.701	8.635	19630825	48075976	43.209	65.258 #
40)	L8 AR-1262-5	10.401	9.148	12357062	14544196	40.396	41.774
41)	L9 AR-1268-1	9.646	8.569	36425691	13048090	32.619	10.851 #

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 Operator : SM\AJ
 Sample : PB124665BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

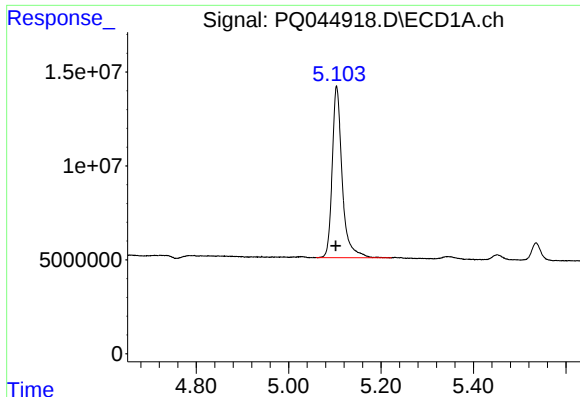
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 11 17:12:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110719CLP.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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.701	8.635	19630825	48075976	19.312	43.172 #
43) L9	AR-1268-3	0.000	8.844	0	2175340	N.D.	2.338 #
44) L9	AR-1268-4	10.401	9.148	12357062	14544196	35.595	36.111
45) L9	AR-1268-5	10.825	9.457	5071718	5731838	1.944	1.897

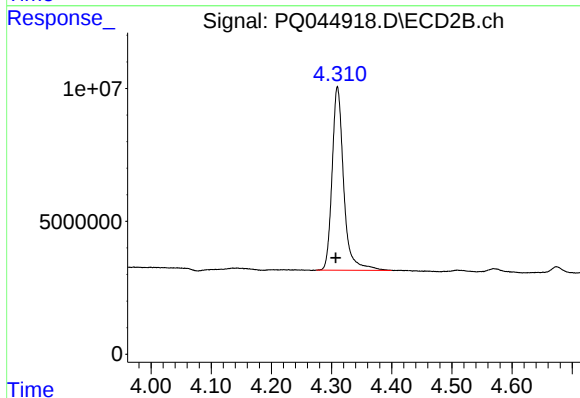
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

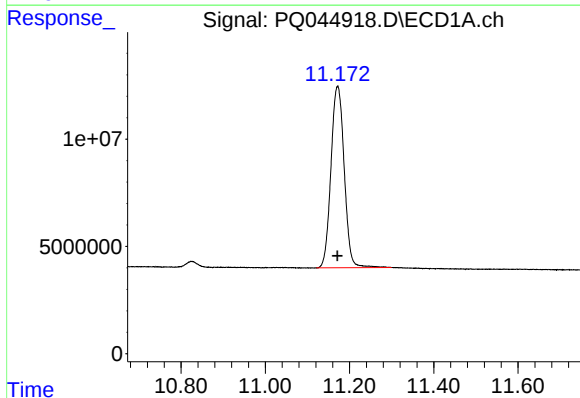
R.T.: 5.104 min
Delta R.T.: 0.002 min
Response: 136728011
Conc: 17.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



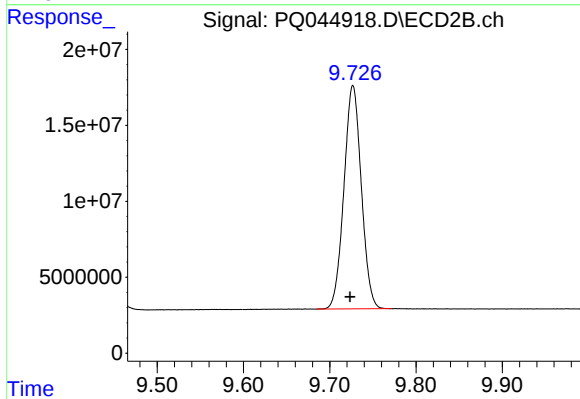
#1 Tetrachloro-m-xylene

R.T.: 4.310 min
Delta R.T.: 0.003 min
Response: 92548806
Conc: 19.63 ng/ml



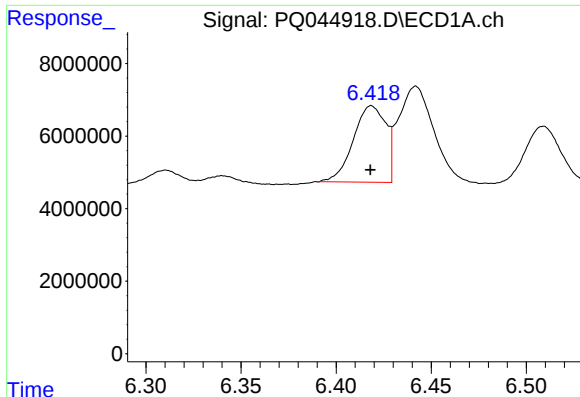
#2 Decachlorobiphenyl

R.T.: 11.172 min
Delta R.T.: 0.000 min
Response: 184848516
Conc: 26.69 ng/ml



#2 Decachlorobiphenyl

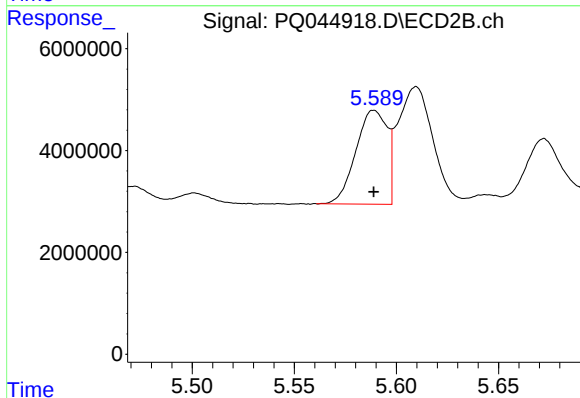
R.T.: 9.727 min
Delta R.T.: 0.003 min
Response: 205815245
Conc: 30.33 ng/ml



#3 AR-1016-1

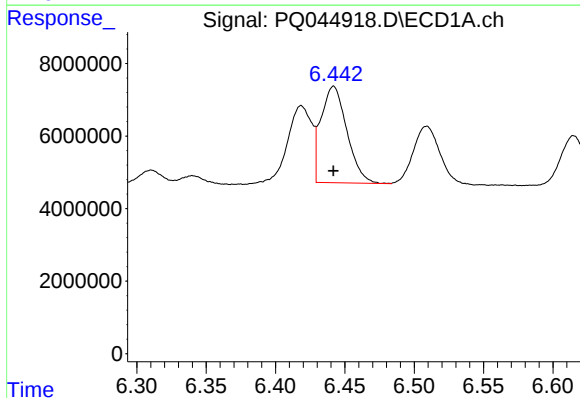
R.T.: 6.419 min
Delta R.T.: 0.000 min
Response: 25091708
Conc: 99.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



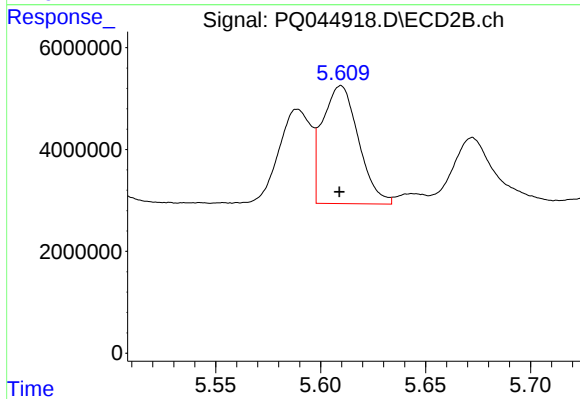
#3 AR-1016-1

R.T.: 5.589 min
Delta R.T.: 0.000 min
Response: 19673472
Conc: 106.82 ng/ml



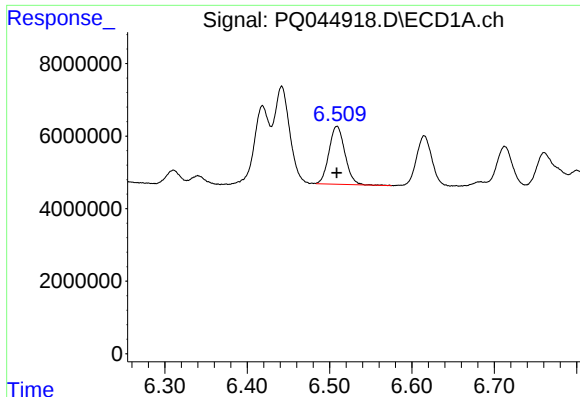
#4 AR-1016-2

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 34570164
Conc: 91.42 ng/ml



#4 AR-1016-2

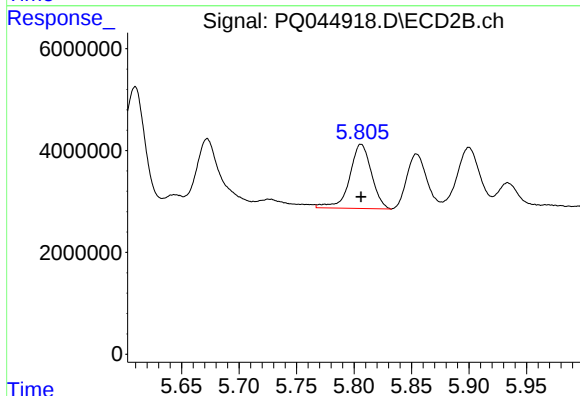
R.T.: 5.610 min
Delta R.T.: 0.000 min
Response: 27735893
Conc: 104.97 ng/ml



#5 AR-1016-3

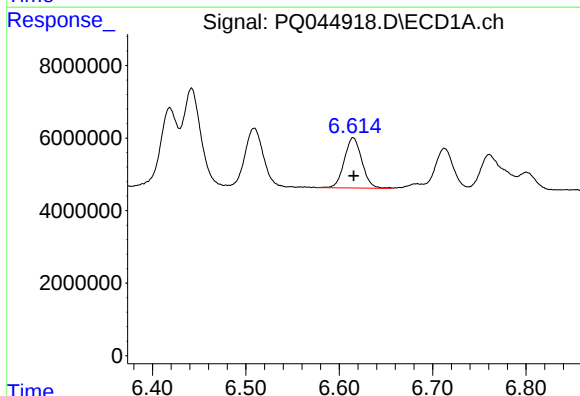
R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 21491966
Conc: 92.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



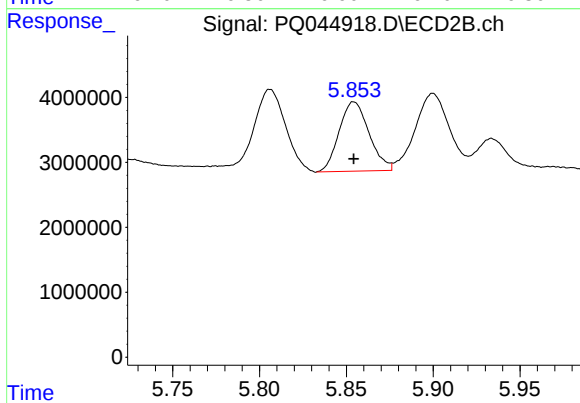
#5 AR-1016-3

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 16691633
Conc: 129.34 ng/ml



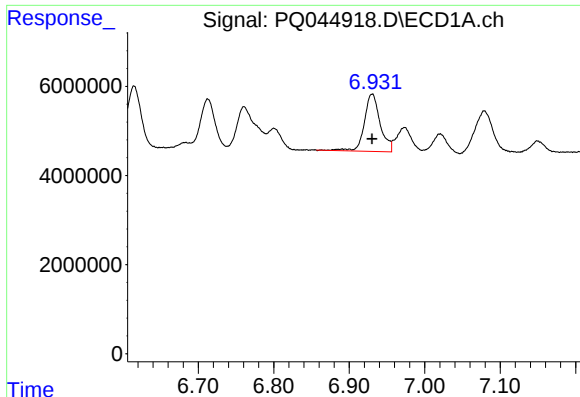
#6 AR-1016-4

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 18128045
Conc: 95.75 ng/ml



#6 AR-1016-4

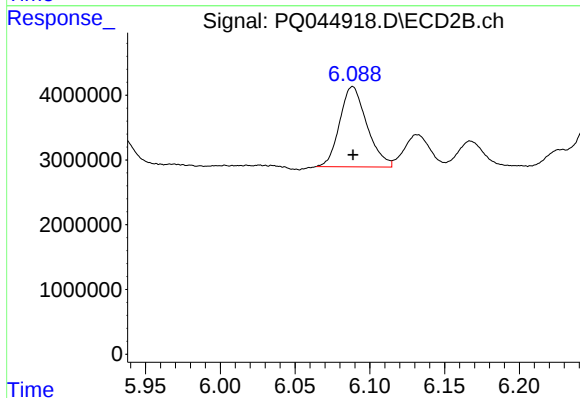
R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 12845713
Conc: 118.30 ng/ml



#7 AR-1016-5

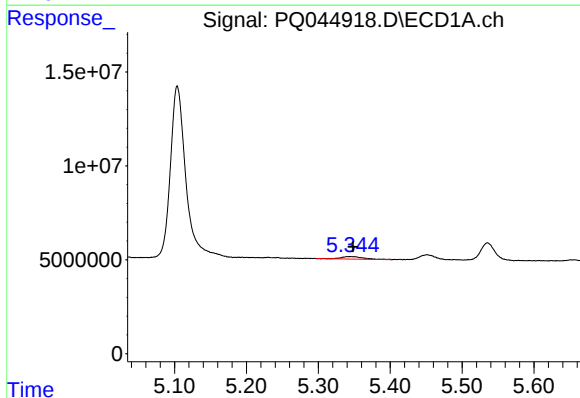
R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 18688379
Conc: 95.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



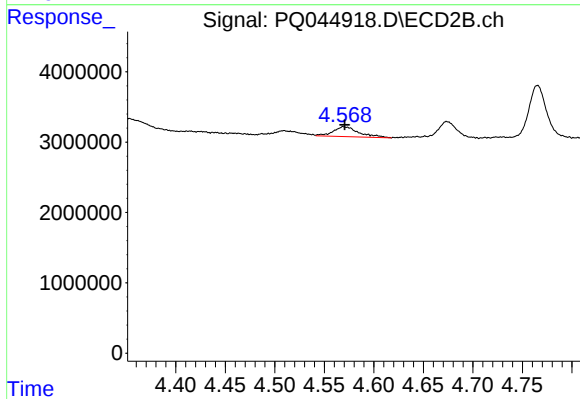
#7 AR-1016-5

R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 15713719
Conc: 102.85 ng/ml



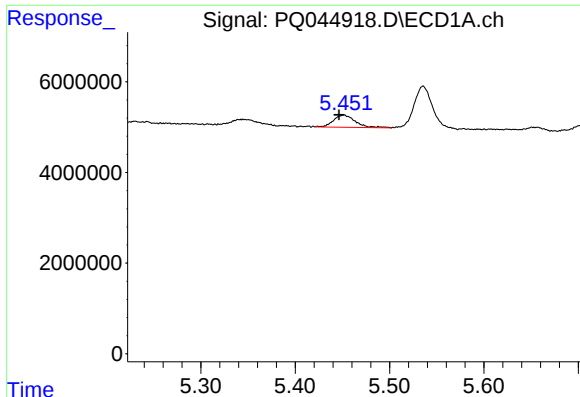
#8 AR-1221-1

R.T.: 5.345 min
Delta R.T.: -0.003 min
Response: 2925928
Conc: 35.31 ng/ml



#8 AR-1221-1

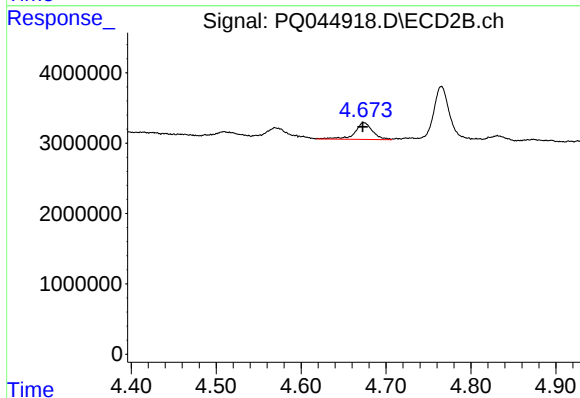
R.T.: 4.570 min
Delta R.T.: -0.001 min
Response: 2556553
Conc: 47.66 ng/ml



#9 AR-1221-2

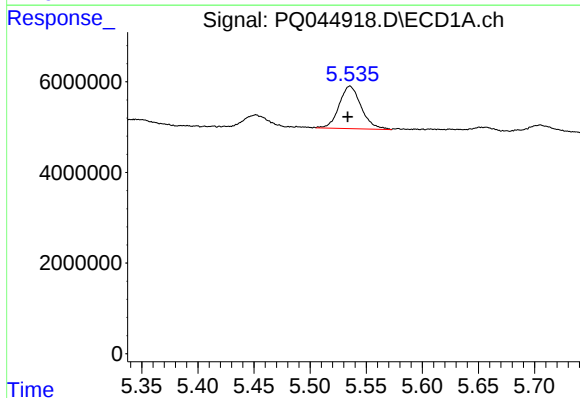
R.T.: 5.452 min
Delta R.T.: 0.005 min
Response: 4302437
Conc: 73.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



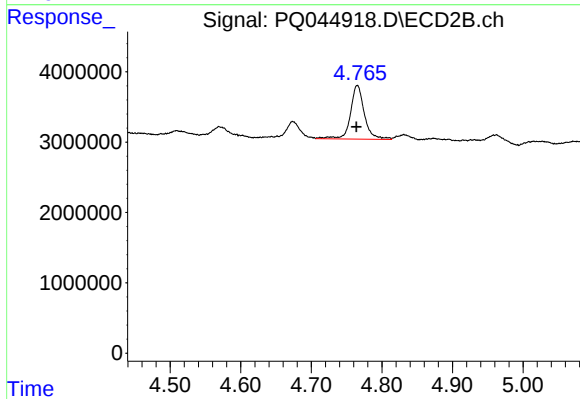
#9 AR-1221-2

R.T.: 4.674 min
Delta R.T.: 0.001 min
Response: 3461568
Conc: 87.68 ng/ml



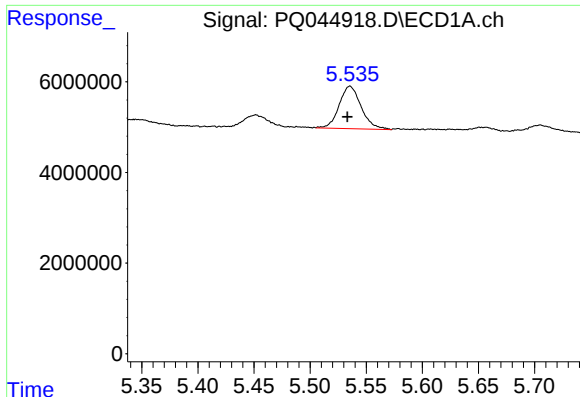
#10 AR-1221-3

R.T.: 5.535 min
Delta R.T.: 0.002 min
Response: 12749976
Conc: 64.97 ng/ml



#10 AR-1221-3

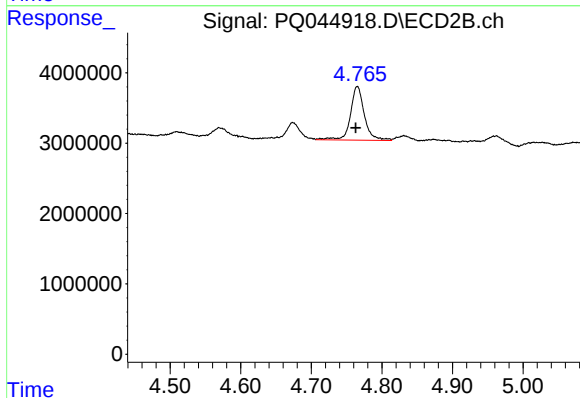
R.T.: 4.765 min
Delta R.T.: 0.001 min
Response: 10434741
Conc: 79.83 ng/ml



#11 AR-1232-1

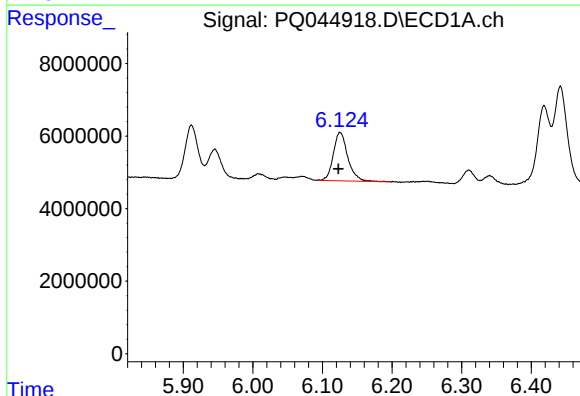
R.T.: 5.535 min
Delta R.T.: 0.002 min
Response: 12749976
Conc: 73.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



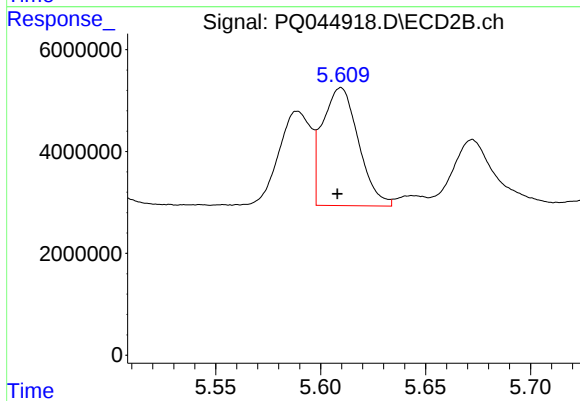
#11 AR-1232-1

R.T.: 4.765 min
Delta R.T.: 0.002 min
Response: 10434741
Conc: 90.47 ng/ml



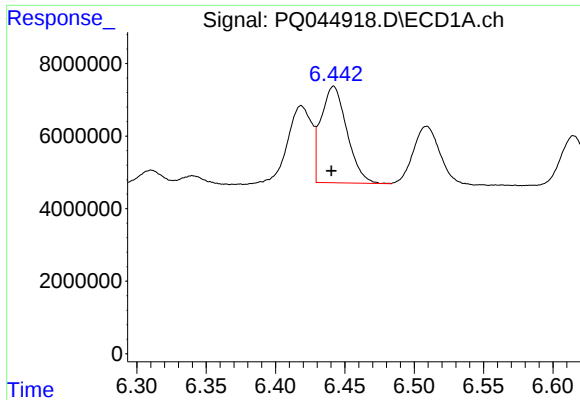
#12 AR-1232-2

R.T.: 6.125 min
Delta R.T.: 0.002 min
Response: 19434985
Conc: 216.70 ng/ml



#12 AR-1232-2

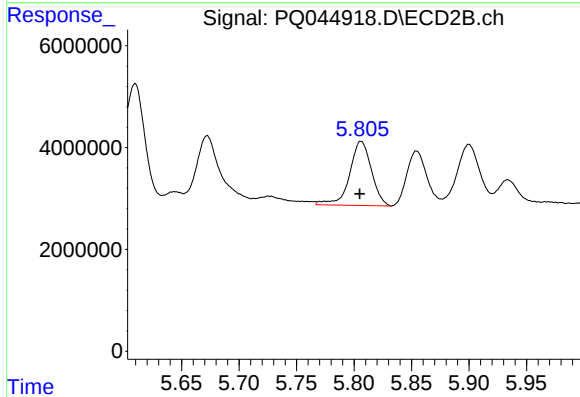
R.T.: 5.610 min
Delta R.T.: 0.002 min
Response: 27735893
Conc: 223.00 ng/ml



#13 AR-1232-3

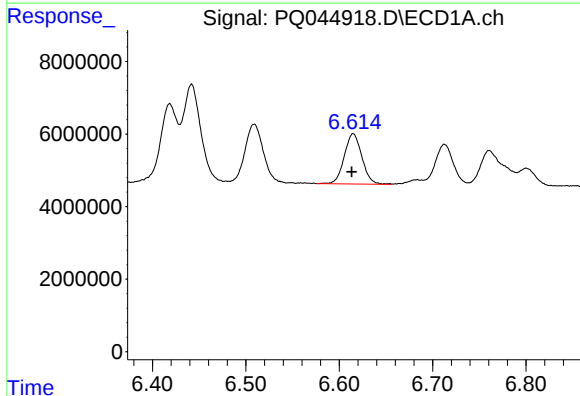
R.T.: 6.442 min
Delta R.T.: 0.002 min
Response: 34570164
Conc: 195.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



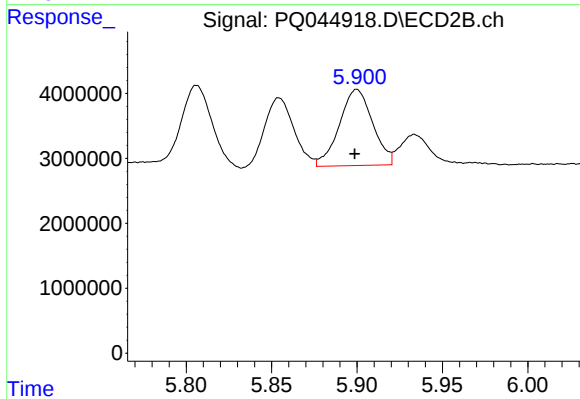
#13 AR-1232-3

R.T.: 5.806 min
Delta R.T.: 0.001 min
Response: 16691633
Conc: 281.86 ng/ml



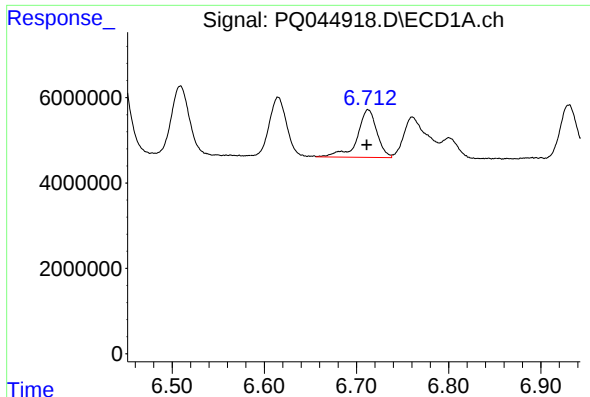
#14 AR-1232-4

R.T.: 6.615 min
Delta R.T.: 0.001 min
Response: 18128045
Conc: 204.89 ng/ml



#14 AR-1232-4

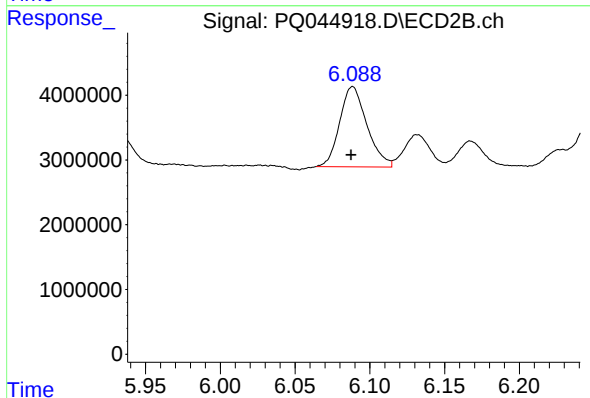
R.T.: 5.900 min
Delta R.T.: 0.001 min
Response: 15921825
Conc: 264.86 ng/ml



#15 AR-1232-5

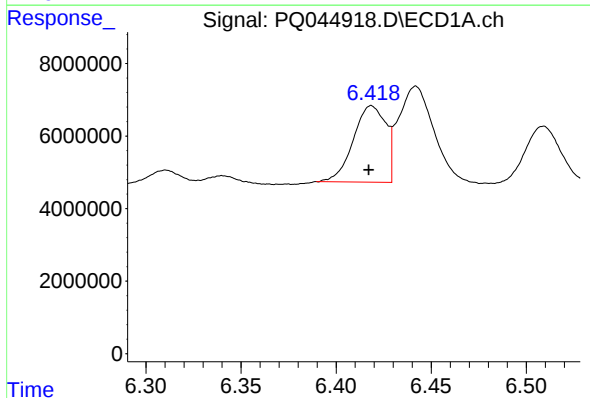
R.T.: 6.713 min
Delta R.T.: 0.002 min
Response: 16468865
Conc: 248.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



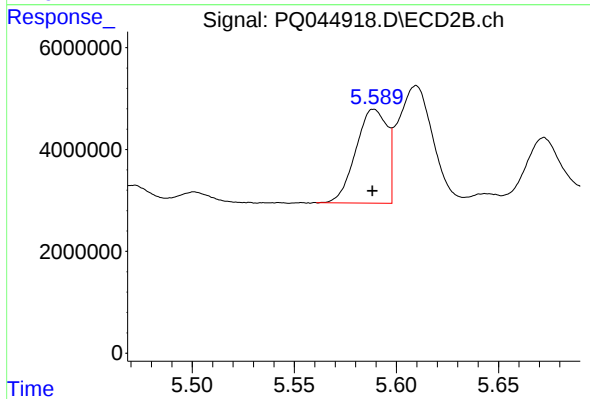
#15 AR-1232-5

R.T.: 6.088 min
Delta R.T.: 0.001 min
Response: 15713719
Conc: 215.75 ng/ml



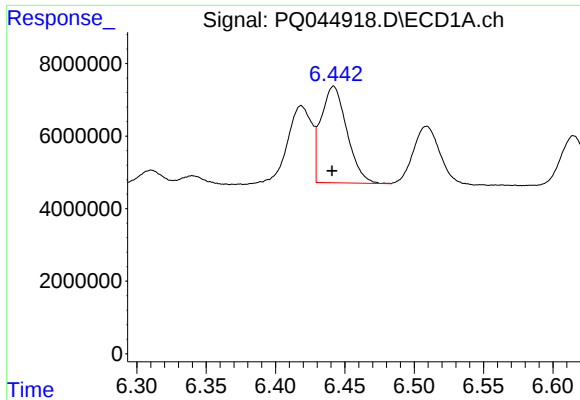
#16 AR-1242-1

R.T.: 6.419 min
Delta R.T.: 0.001 min
Response: 25091708
Conc: 116.74 ng/ml



#16 AR-1242-1

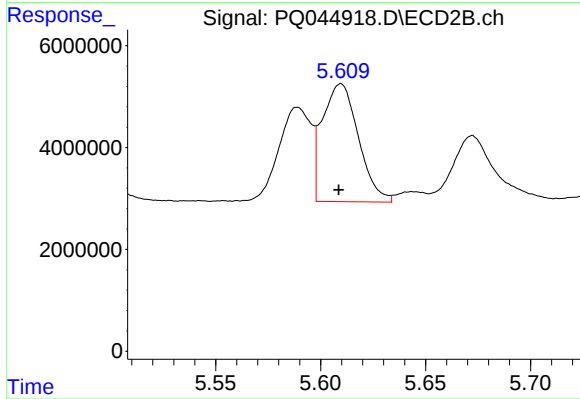
R.T.: 5.589 min
Delta R.T.: 0.000 min
Response: 19673472
Conc: 125.48 ng/ml



#17 AR-1242-2

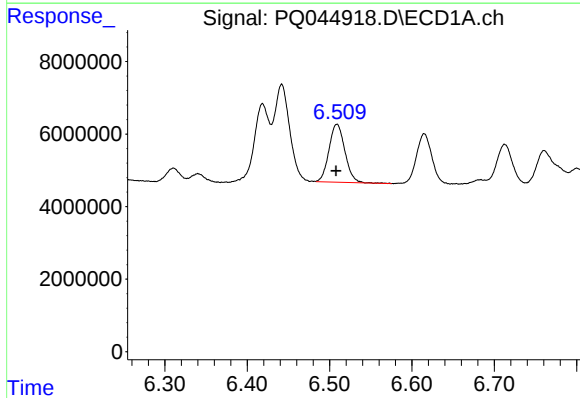
R.T.: 6.442 min
Delta R.T.: 0.001 min
Response: 34570164
Conc: 107.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



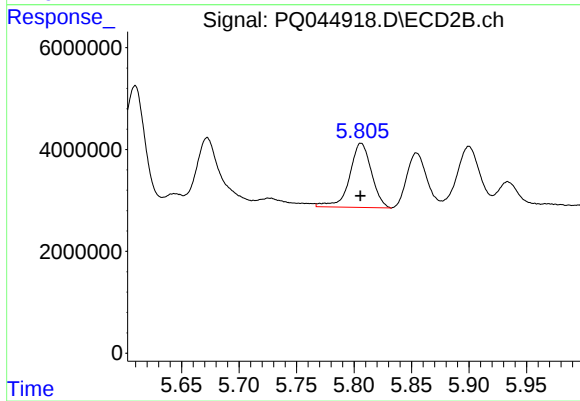
#17 AR-1242-2

R.T.: 5.610 min
Delta R.T.: 0.001 min
Response: 27735893
Conc: 123.96 ng/ml



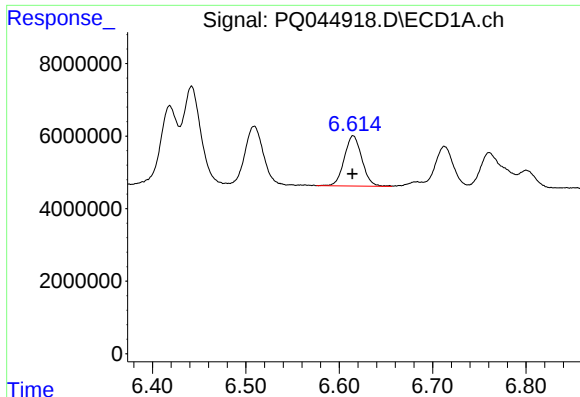
#18 AR-1242-3

R.T.: 6.509 min
Delta R.T.: 0.001 min
Response: 21491966
Conc: 108.32 ng/ml



#18 AR-1242-3

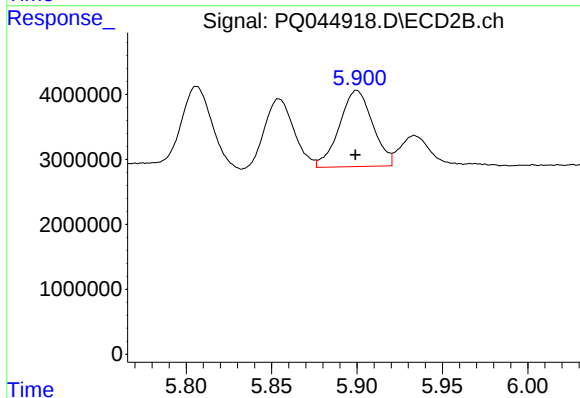
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 16691633
Conc: 150.18 ng/ml



#19 AR-1242-4

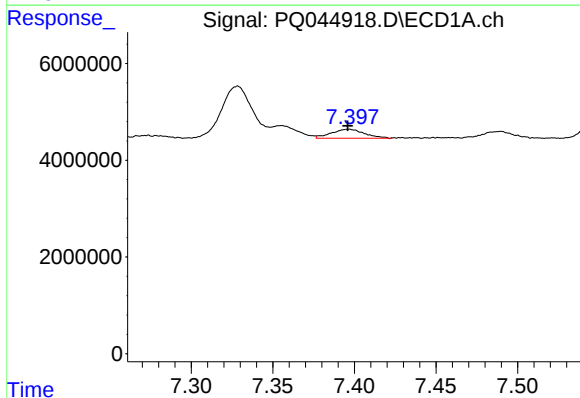
R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 18128045
Conc: 112.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



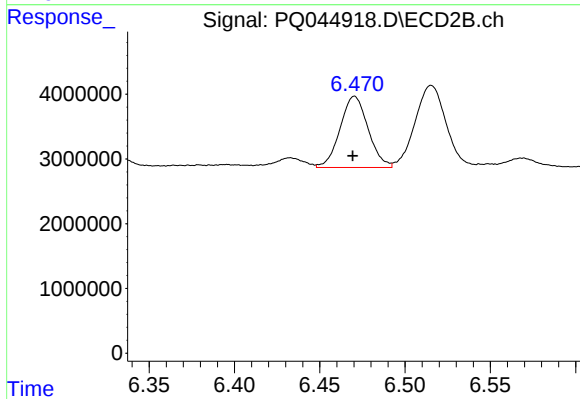
#19 AR-1242-4

R.T.: 5.900 min
Delta R.T.: 0.000 min
Response: 15921825
Conc: 133.52 ng/ml



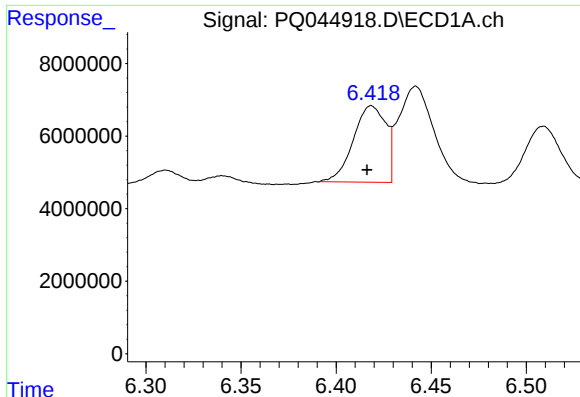
#20 AR-1242-5

R.T.: 7.396 min
Delta R.T.: 0.000 min
Response: 2601800
Conc: 14.38 ng/ml



#20 AR-1242-5

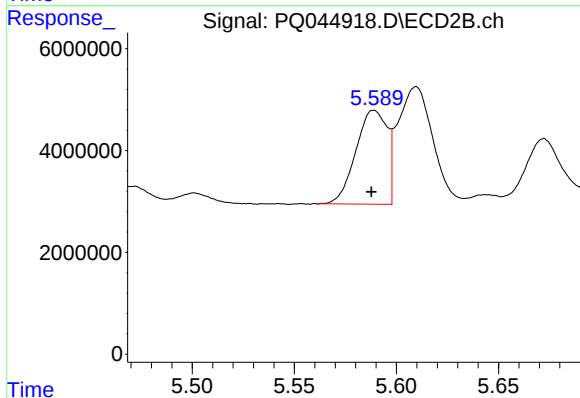
R.T.: 6.470 min
Delta R.T.: 0.001 min
Response: 12576520
Conc: 76.59 ng/ml



#21 AR-1248-1

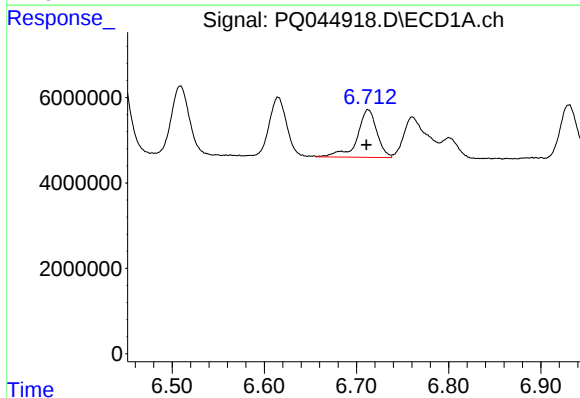
R.T.: 6.419 min
Delta R.T.: 0.002 min
Response: 25091708
Conc: 148.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



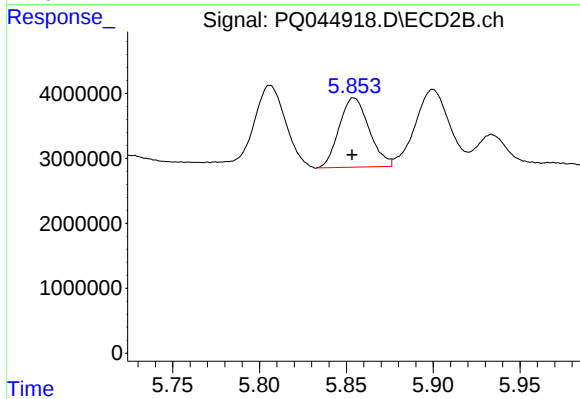
#21 AR-1248-1

R.T.: 5.589 min
Delta R.T.: 0.001 min
Response: 19673472
Conc: 158.08 ng/ml



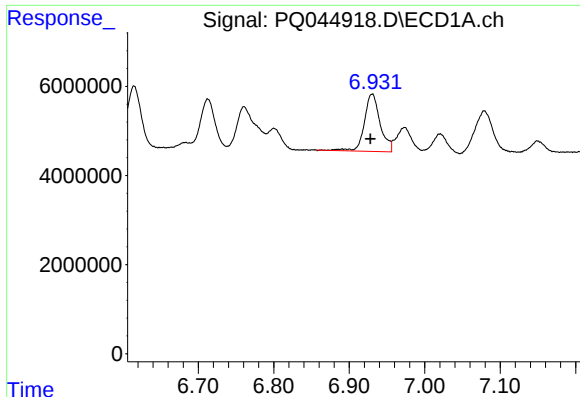
#22 AR-1248-2

R.T.: 6.713 min
Delta R.T.: 0.002 min
Response: 16468865
Conc: 67.24 ng/ml



#22 AR-1248-2

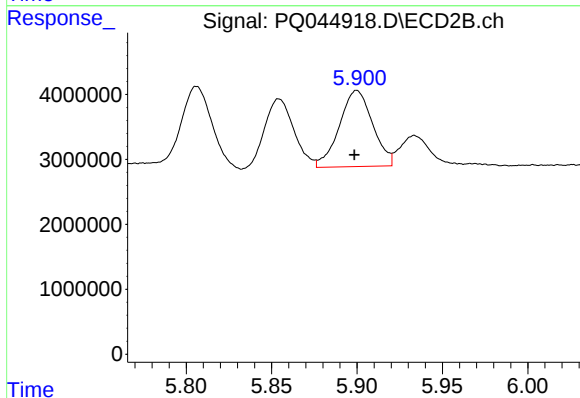
R.T.: 5.854 min
Delta R.T.: 0.001 min
Response: 12845713
Conc: 75.46 ng/ml



#23 AR-1248-3

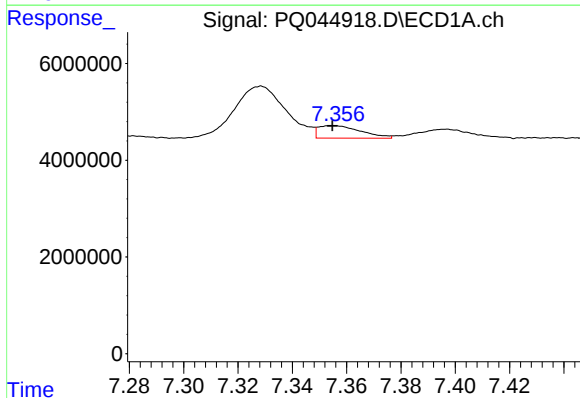
R.T.: 6.930 min
Delta R.T.: 0.002 min
Response: 18688379
Conc: 68.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



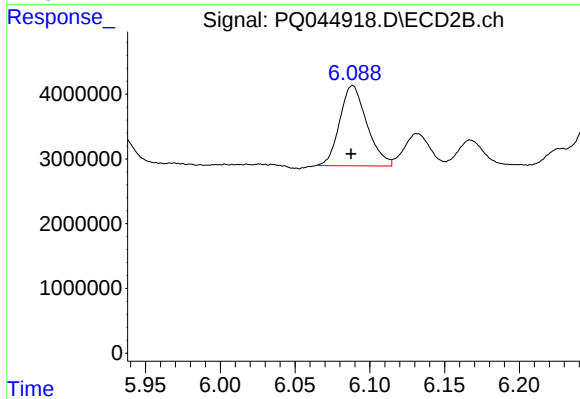
#23 AR-1248-3

R.T.: 5.900 min
Delta R.T.: 0.001 min
Response: 15921825
Conc: 89.03 ng/ml



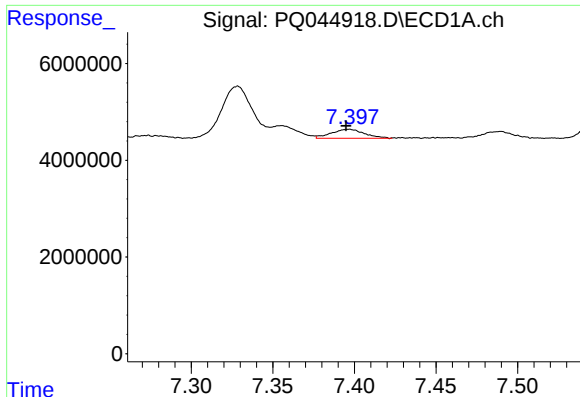
#24 AR-1248-4

R.T.: 7.355 min
Delta R.T.: 0.000 min
Response: 2813576
Conc: 9.29 ng/ml



#24 AR-1248-4

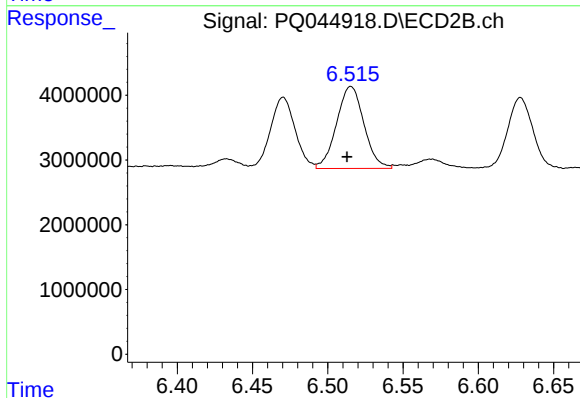
R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 15713719
Conc: 72.19 ng/ml



#25 AR-1248-5

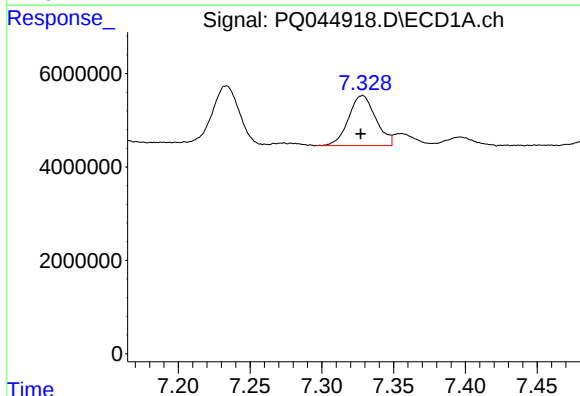
R.T.: 7.396 min
Delta R.T.: 0.001 min
Response: 2601800
Conc: 9.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



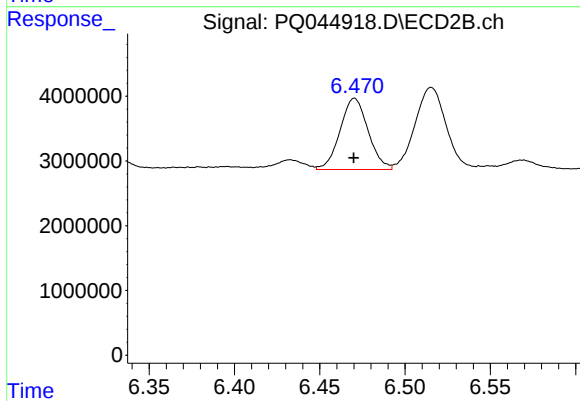
#25 AR-1248-5

R.T.: 6.515 min
Delta R.T.: 0.003 min
Response: 16046605
Conc: 71.96 ng/ml



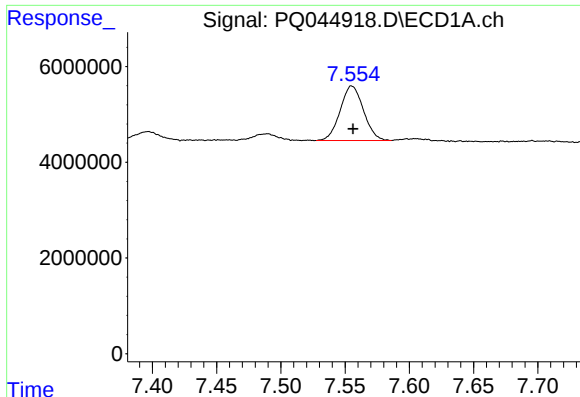
#26 AR-1254-1

R.T.: 7.328 min
Delta R.T.: 0.001 min
Response: 14203281
Conc: 43.90 ng/ml



#26 AR-1254-1

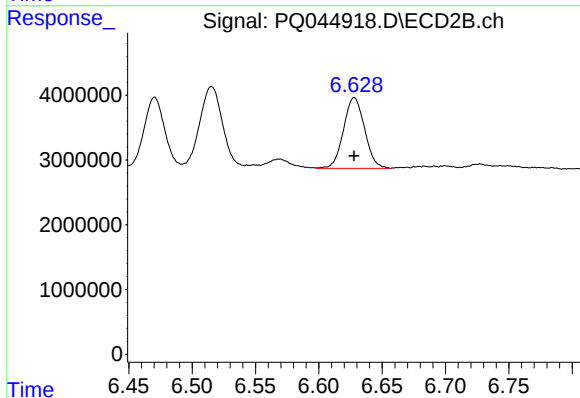
R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 12576520
Conc: 34.57 ng/ml



#27 AR-1254-2

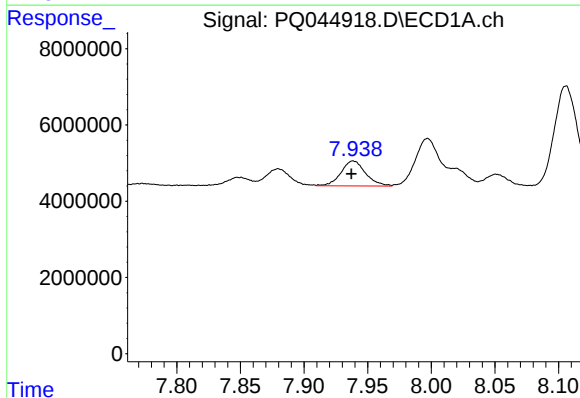
R.T.: 7.555 min
Delta R.T.: 0.000 min
Response: 14414919
Conc: 29.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



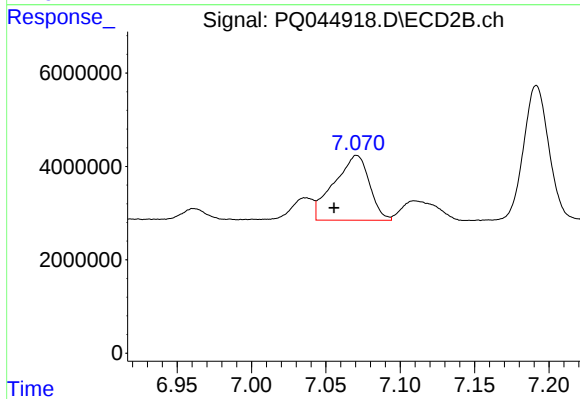
#27 AR-1254-2

R.T.: 6.628 min
Delta R.T.: 0.000 min
Response: 12669983
Conc: 39.34 ng/ml



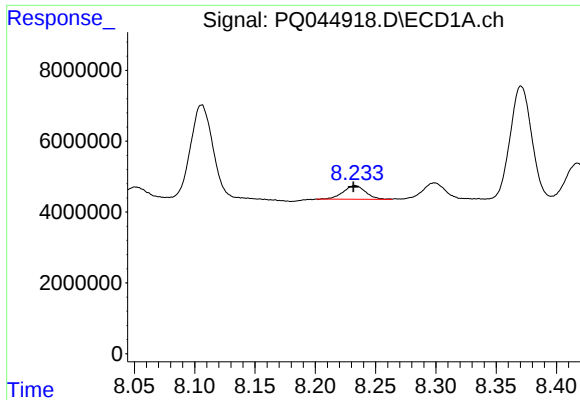
#28 AR-1254-3

R.T.: 7.939 min
Delta R.T.: 0.001 min
Response: 8837612
Conc: 16.60 ng/ml



#28 AR-1254-3

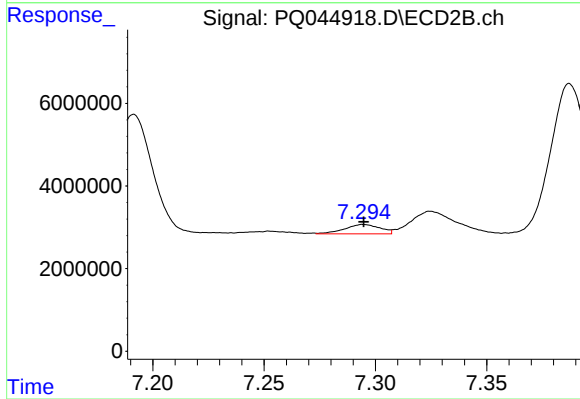
R.T.: 7.071 min
Delta R.T.: 0.015 min
Response: 22978300
Conc: 41.43 ng/ml



#29 AR-1254-4

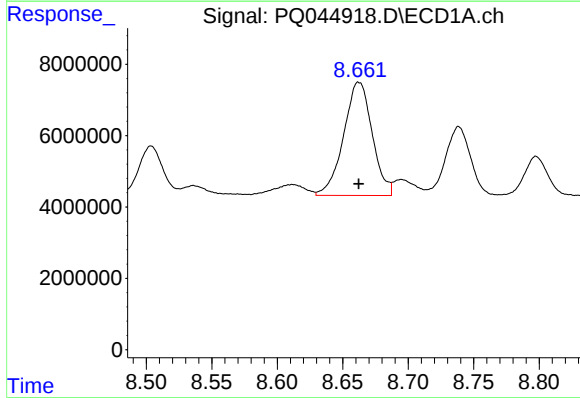
R.T.: 8.233 min
Delta R.T.: 0.001 min
Response: 4987298
Conc: 12.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



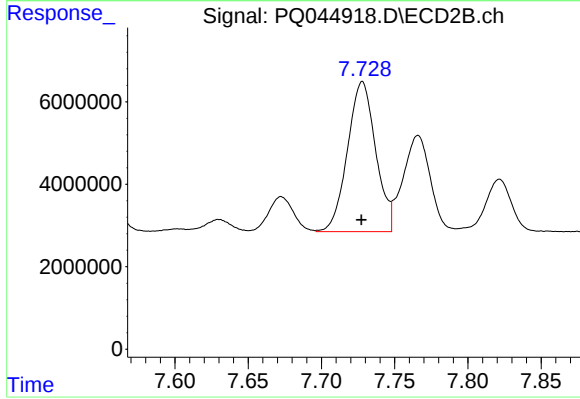
#29 AR-1254-4

R.T.: 7.295 min
Delta R.T.: 0.000 min
Response: 2499845
Conc: 6.99 ng/ml



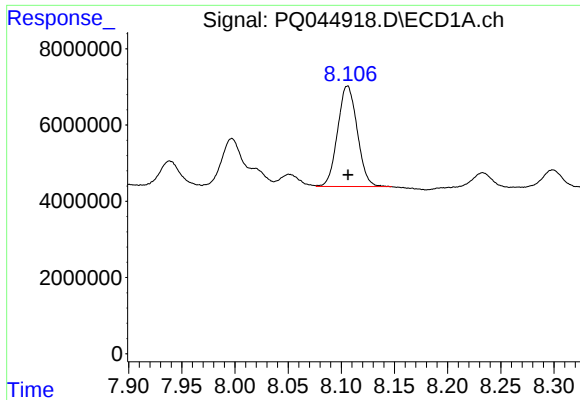
#30 AR-1254-5

R.T.: 8.662 min
Delta R.T.: 0.000 min
Response: 48248302
Conc: 111.69 ng/ml



#30 AR-1254-5

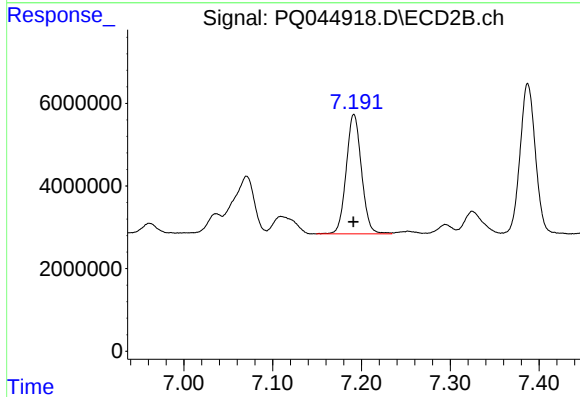
R.T.: 7.728 min
Delta R.T.: 0.000 min
Response: 48670921
Conc: 97.34 ng/ml



#31 AR-1260-1

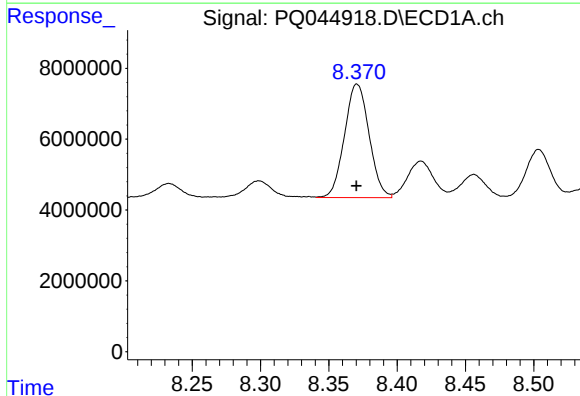
R.T.: 8.106 min
Delta R.T.: 0.000 min
Response: 33933796
Conc: 108.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



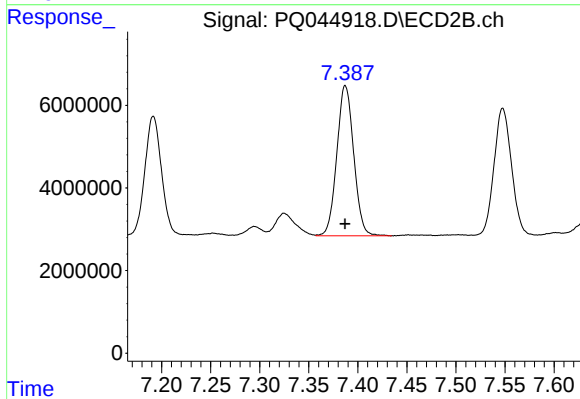
#31 AR-1260-1

R.T.: 7.192 min
Delta R.T.: 0.000 min
Response: 34499105
Conc: 112.60 ng/ml



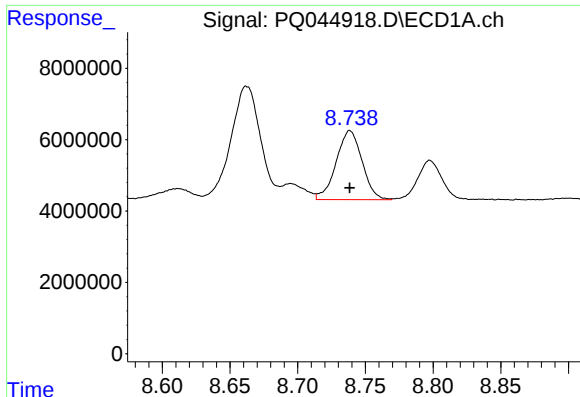
#32 AR-1260-2

R.T.: 8.371 min
Delta R.T.: 0.000 min
Response: 40170612
Conc: 98.11 ng/ml



#32 AR-1260-2

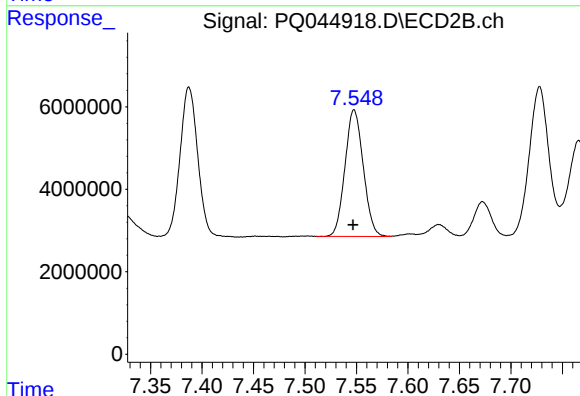
R.T.: 7.387 min
Delta R.T.: 0.000 min
Response: 43565102
Conc: 110.33 ng/ml



#33 AR-1260-3

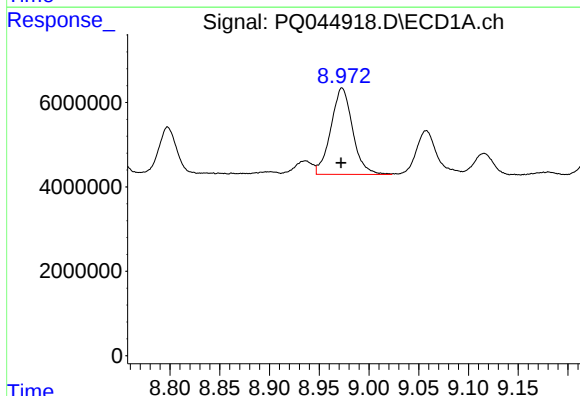
R.T.: 8.739 min
Delta R.T.: 0.000 min
Response: 25848590
Conc: 79.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



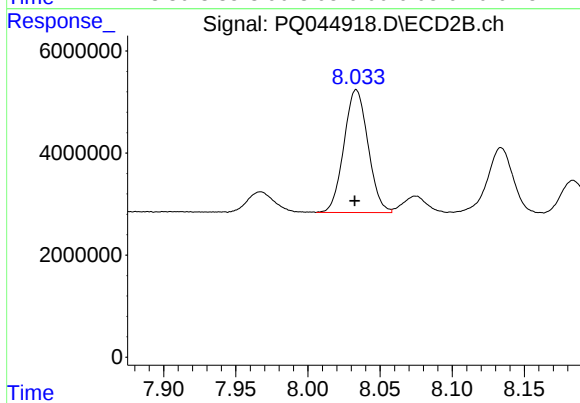
#33 AR-1260-3

R.T.: 7.548 min
Delta R.T.: 0.000 min
Response: 37897005
Conc: 110.62 ng/ml



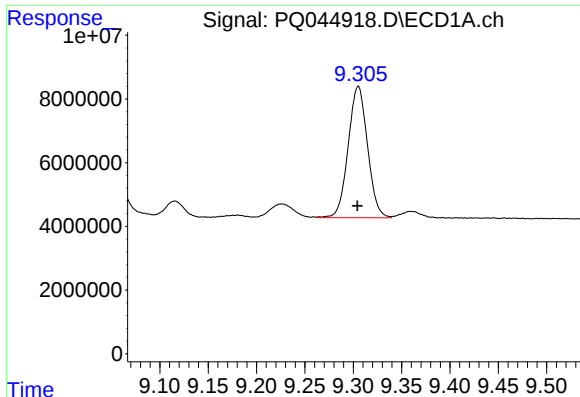
#34 AR-1260-4

R.T.: 8.973 min
Delta R.T.: 0.001 min
Response: 31169536
Conc: 81.97 ng/ml



#34 AR-1260-4

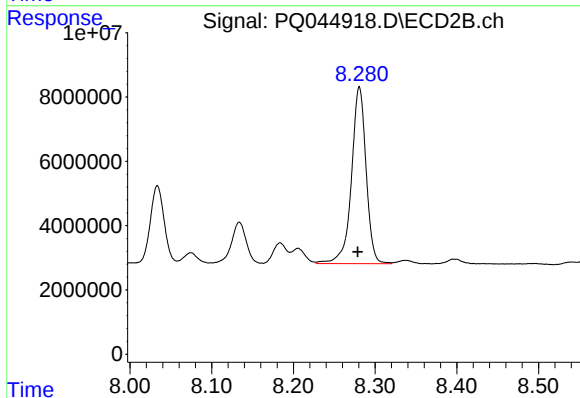
R.T.: 8.034 min
Delta R.T.: 0.001 min
Response: 27998542
Conc: 91.30 ng/ml



#35 AR-1260-5

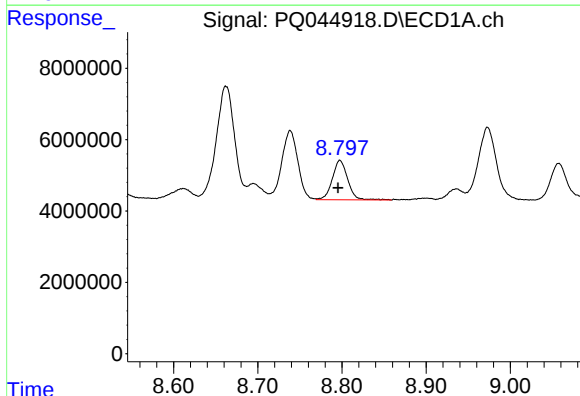
R.T.: 9.305 min
Delta R.T.: 0.000 min
Response: 57505287
Conc: 74.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



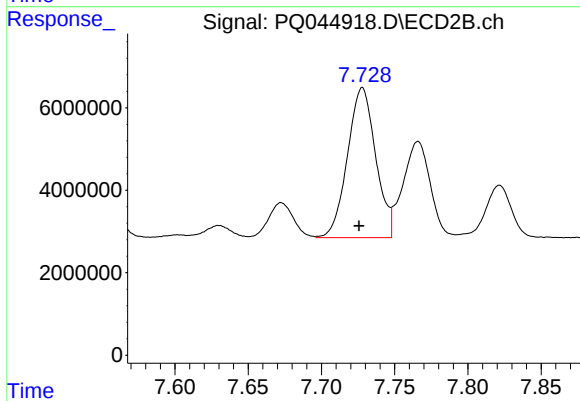
#35 AR-1260-5

R.T.: 8.281 min
Delta R.T.: 0.002 min
Response: 68447896
Conc: 87.46 ng/ml



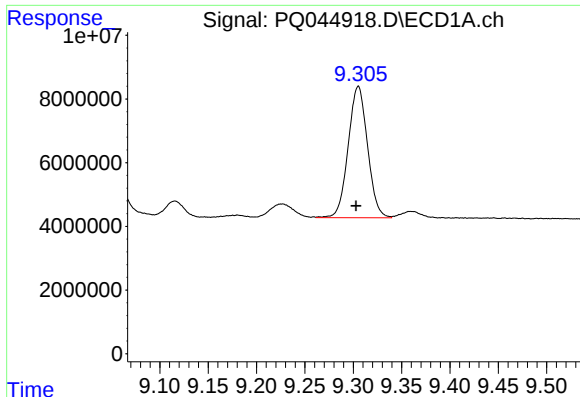
#36 AR-1262-1

R.T.: 8.798 min
Delta R.T.: 0.002 min
Response: 14063207
Conc: 67.42 ng/ml



#36 AR-1262-1

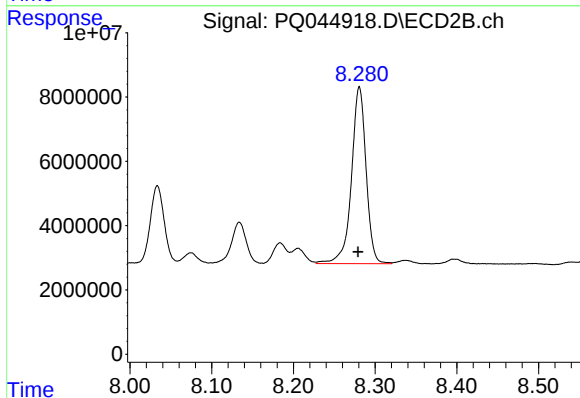
R.T.: 7.728 min
Delta R.T.: 0.002 min
Response: 48670921
Conc: 192.30 ng/ml



#37 AR-1262-2

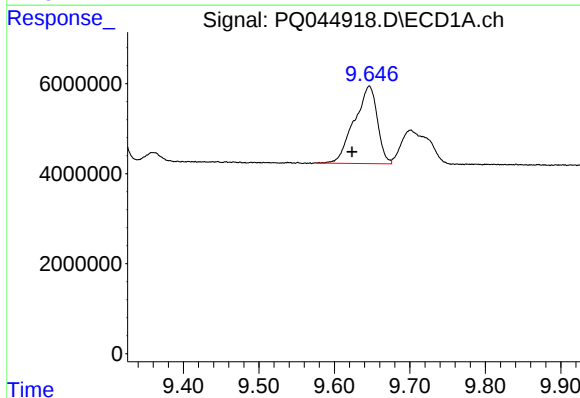
R.T.: 9.305 min
Delta R.T.: 0.002 min
Response: 57505287
Conc: 63.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



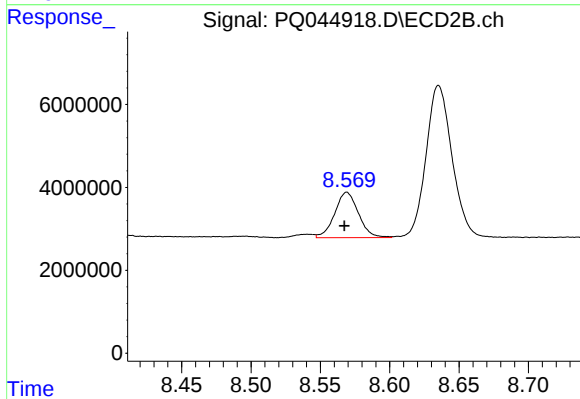
#37 AR-1262-2

R.T.: 8.281 min
Delta R.T.: 0.002 min
Response: 68447896
Conc: 69.37 ng/ml



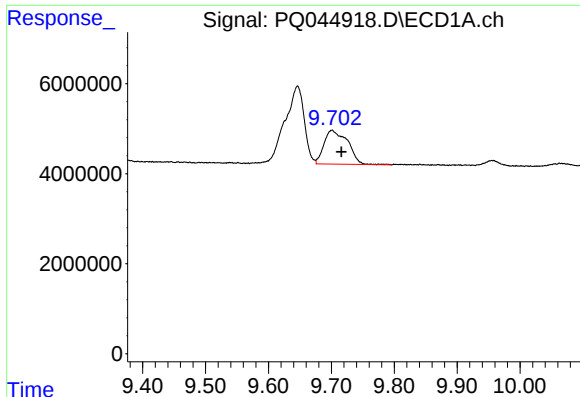
#38 AR-1262-3

R.T.: 9.646 min
Delta R.T.: 0.023 min
Response: 36425691
Conc: 59.73 ng/ml



#38 AR-1262-3

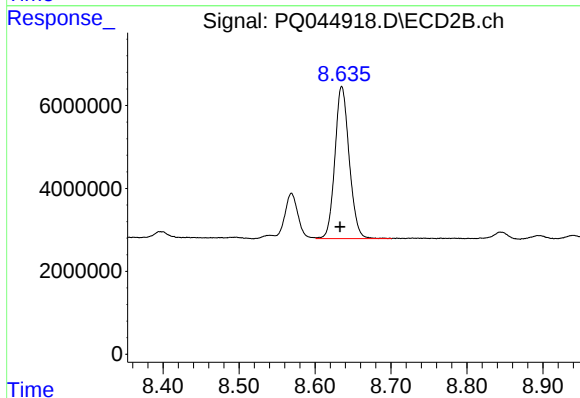
R.T.: 8.569 min
Delta R.T.: 0.002 min
Response: 13048090
Conc: 33.86 ng/ml



#39 AR-1262-4

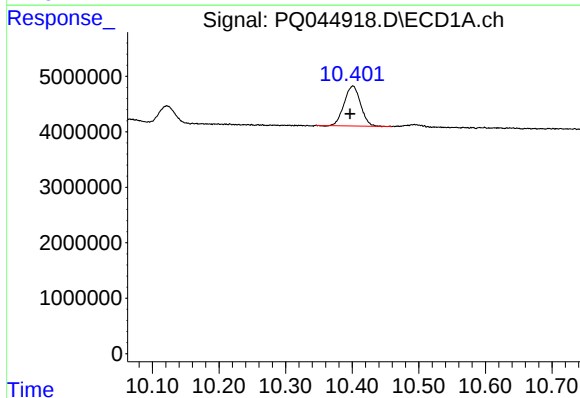
R.T.: 9.701 min
Delta R.T.: -0.015 min
Response: 19630825
Conc: 43.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



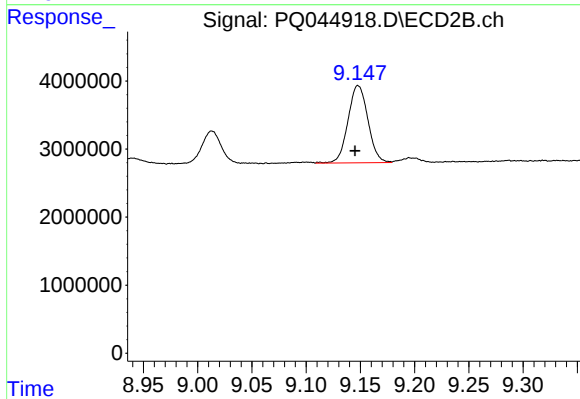
#39 AR-1262-4

R.T.: 8.635 min
Delta R.T.: 0.002 min
Response: 48075976
Conc: 65.26 ng/ml



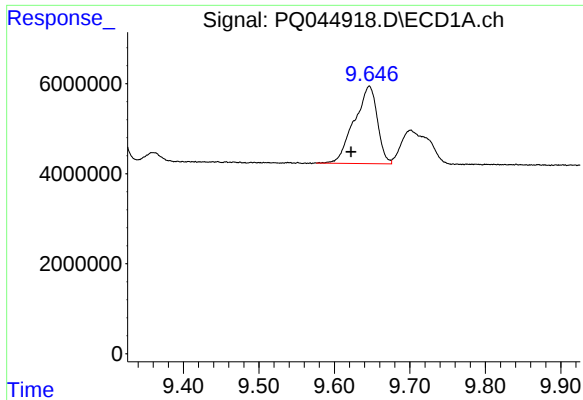
#40 AR-1262-5

R.T.: 10.401 min
Delta R.T.: 0.004 min
Response: 12357062
Conc: 40.40 ng/ml



#40 AR-1262-5

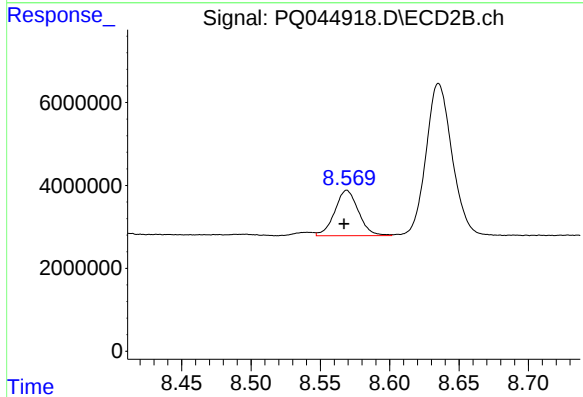
R.T.: 9.148 min
Delta R.T.: 0.003 min
Response: 14544196
Conc: 41.77 ng/ml



#41 AR-1268-1

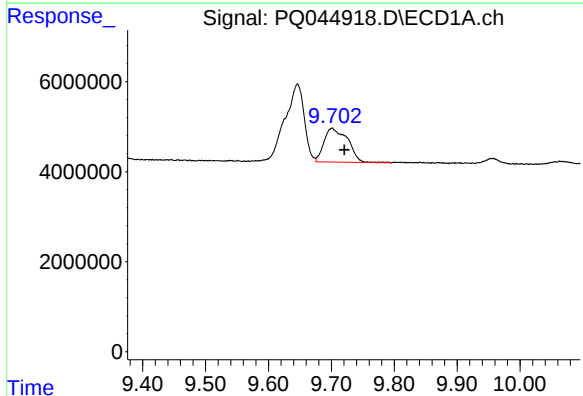
R.T.: 9.646 min
Delta R.T.: 0.024 min
Response: 36425691
Conc: 32.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



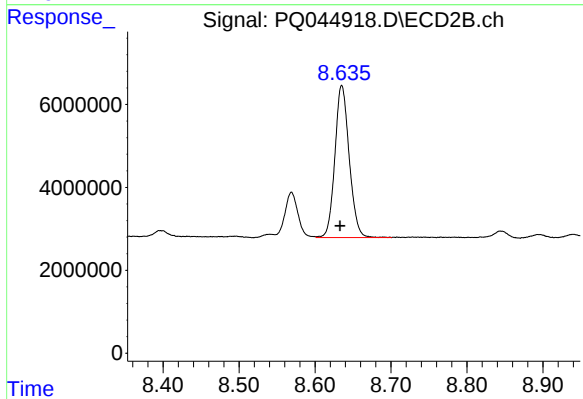
#41 AR-1268-1

R.T.: 8.569 min
Delta R.T.: 0.002 min
Response: 13048090
Conc: 10.85 ng/ml



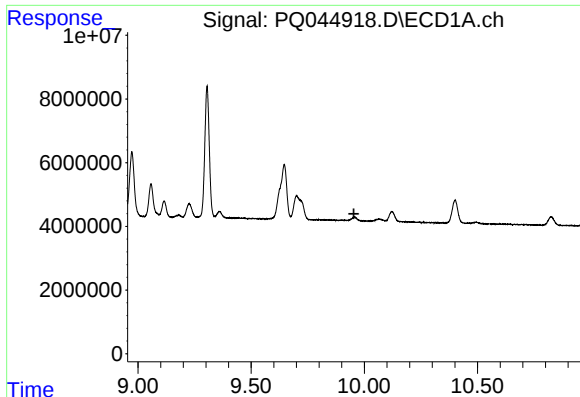
#42 AR-1268-2

R.T.: 9.701 min
Delta R.T.: -0.020 min
Response: 19630825
Conc: 19.31 ng/ml



#42 AR-1268-2

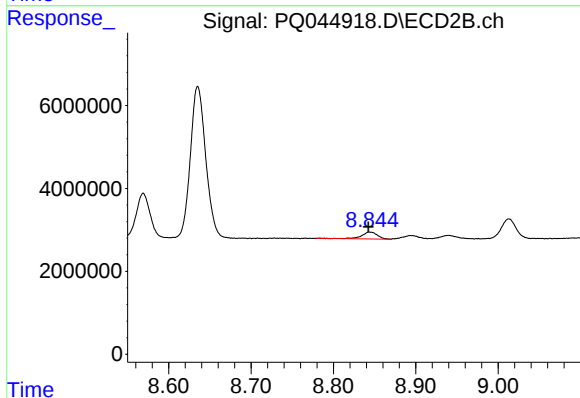
R.T.: 8.635 min
Delta R.T.: 0.002 min
Response: 48075976
Conc: 43.17 ng/ml



#43 AR-1268-3

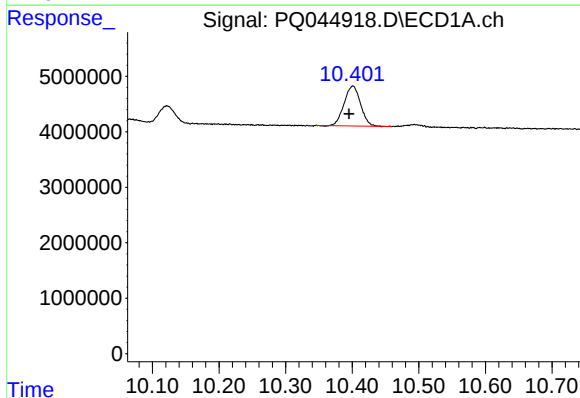
R.T.: 0.000 min
Exp R.T.: 9.954 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



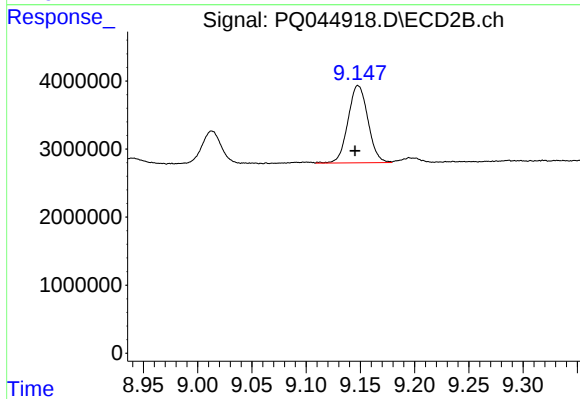
#43 AR-1268-3

R.T.: 8.844 min
Delta R.T.: 0.002 min
Response: 2175340
Conc: 2.34 ng/ml



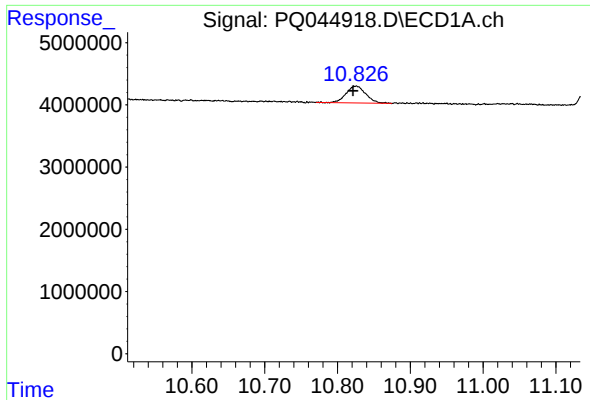
#44 AR-1268-4

R.T.: 10.401 min
Delta R.T.: 0.006 min
Response: 12357062
Conc: 35.59 ng/ml



#44 AR-1268-4

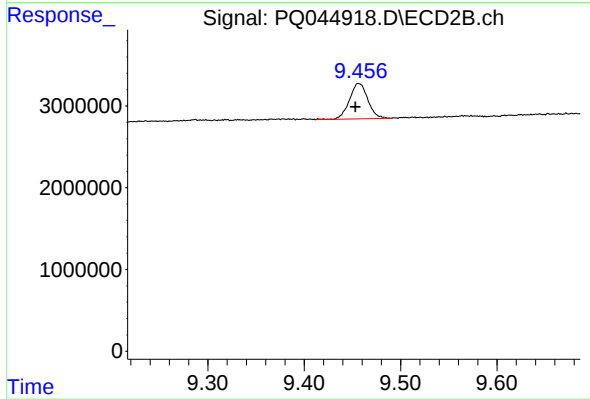
R.T.: 9.148 min
Delta R.T.: 0.003 min
Response: 14544196
Conc: 36.11 ng/ml



#45 AR-1268-5

R.T.: 10.825 min
Delta R.T.: 0.004 min
Response: 5071718
Conc: 1.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.457 min
Delta R.T.: 0.003 min
Response: 5731838
Conc: 1.90 ng/ml