

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112619\
 Data File : PQ045443.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2019 19:52
 Operator : SM\AJ
 Sample : K5983-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 27 01:47:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112519CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 26 06:05:49 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...	5.083	4.362	1303061	959980	0.396	0.563 #
2)	SA Decachlor...	11.153	9.718	1774233	1385222	0.272	0.265
Target Compounds							
3)	L1 AR-1016-1	6.411	5.584	40468029	22821598	328.778	327.940
4)	L1 AR-1016-2	6.434	5.605	62785413	33467110	321.681	315.595
5)	L1 AR-1016-3	6.501	5.801	38782971	17426171	319.476	328.409
6)	L1 AR-1016-4	6.608	5.850	31200565	13196227	322.821	282.299
7)	L1 AR-1016-5	6.922	6.083	30907544	20057551	304.243	316.274
8)	L2 AR-1221-1	5.341	4.566	3236275	2206906	91.044	105.591
9)	L2 AR-1221-2	5.442	4.670	3601859	1758758	135.745	137.008
10)	L2 AR-1221-3	5.531	4.762	17269105	9974175	191.260	207.902
11)	L3 AR-1232-1	5.531	4.762	17269105	9974175	271.736	281.474
12)	L3 AR-1232-2	6.119	5.605	27402546	33467110	685.042	754.042
13)	L3 AR-1232-3	6.434	5.801	62785413	17426171	779.488	786.873
14)	L3 AR-1232-4	6.608	5.895	31200565	18653296	789.387	826.619
15)	L3 AR-1232-5	6.705	6.083	28665070	20057551	858.586	825.933
16)	L4 AR-1242-1	6.411	5.584	40468029	22821598	391.338	386.899
17)	L4 AR-1242-2	6.434	5.605	62785413	33467110	384.916	381.761
18)	L4 AR-1242-3	6.501	5.801	38782971	17426171	379.191	386.718
19)	L4 AR-1242-4	6.608	5.895	31200565	18653296	388.109	384.300
20)	L4 AR-1242-5	7.388	6.465	5422511	18267391	57.783	263.233 #
21)	L5 AR-1248-1	6.411	5.584	40468029	22821598	499.433	493.174
22)	L5 AR-1248-2	6.705	5.850	28665070	13196227	225.555	195.770
23)	L5 AR-1248-3	6.922	5.895	30907544	18653296	221.944	262.673
24)	L5 AR-1248-4	7.348	6.083	5612968	20057551	34.569	230.613 #
25)	L5 AR-1248-5	7.388	6.509	5422511	5078893	34.616	53.722 #
26)	L6 AR-1254-1	7.318	6.465	27825360	18267391	169.136	125.875 #
27)	L6 AR-1254-2	7.546	6.623	28322175	19091769	108.055	142.701 #
28)	L6 AR-1254-3	7.929	7.065	18034761	33571340	63.081	140.053 #
29)	L6 AR-1254-4	8.222	7.290	11979184	4031415	55.284	24.144 #
30)	L6 AR-1254-5	8.651	7.722	98176472	83381483	398.969	323.584
31)	L7 AR-1260-1	8.096	7.186	63538440	50446983	297.409	329.564
32)	L7 AR-1260-2	8.359	7.382	80366547	68326462	329.802	342.040
33)	L7 AR-1260-3	8.727	7.541	53832667	61192722	271.556	332.594
34)	L7 AR-1260-4	8.960	8.028	66095339	51203549	289.111	282.222
35)	L7 AR-1260-5	9.292	8.276	131.2E6	139.7E6	252.168	273.090
36)	L8 AR-1262-1	8.786	7.722	29196461	83381483	211.154	571.584 #
37)	L8 AR-1262-2	9.292	8.276	131.2E6	139.7E6	202.438	214.746
38)	L8 AR-1262-3	9.632	8.563	89585659	27419846	195.805	102.930 #
39)	L8 AR-1262-4	9.687	8.629	52050589	107.7E6	142.767	205.750 #
40)	L8 AR-1262-5	10.384	9.142	38442207	35920500	134.875	130.614
41)	L9 AR-1268-1	9.632	8.563	89585659	27419846	106.018	34.143 #

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 Operator : SM\AJ
 Sample : K5983-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

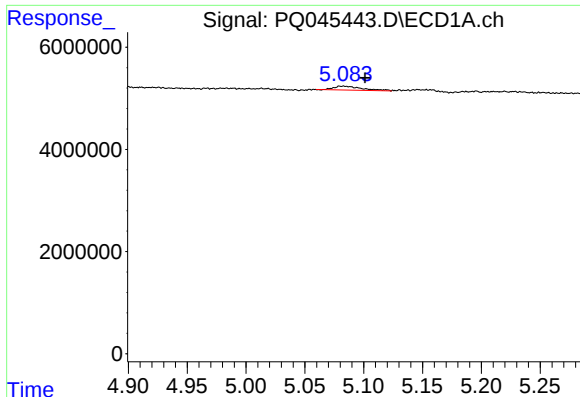
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 27 01:47:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112519CLP.M
 Quant Title : GC EXTRACTABLES
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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	9.687	8.629	52050589	107.7E6	62.926	141.610 #
43) L9	AR-1268-3	9.942	8.838	2547746	2209381	3.629	3.536
44) L9	AR-1268-4	10.384	9.142	38442207	35920500	116.940	112.870
45) L9	AR-1268-5	10.807	9.450	12883523	11210983	4.785	4.646

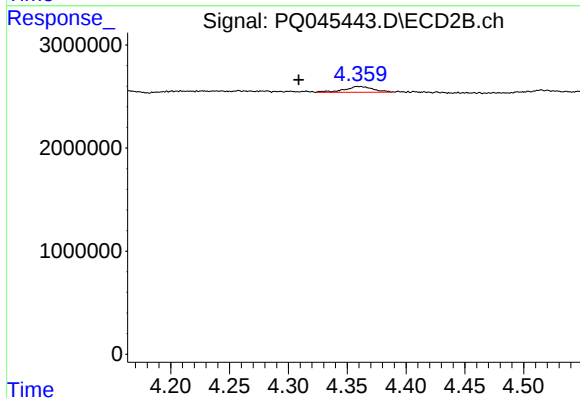
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

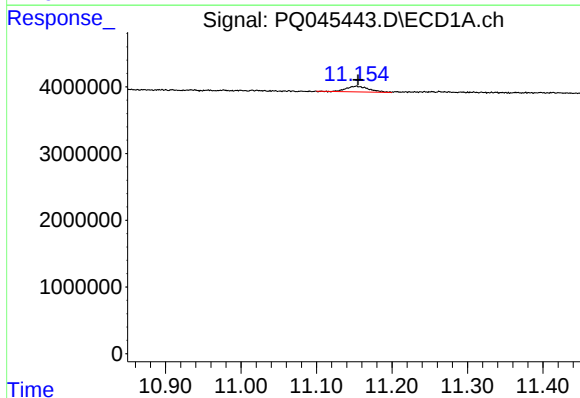
R.T.: 5.083 min
Delta R.T.: -0.018 min
Response: 1303061
Conc: 0.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



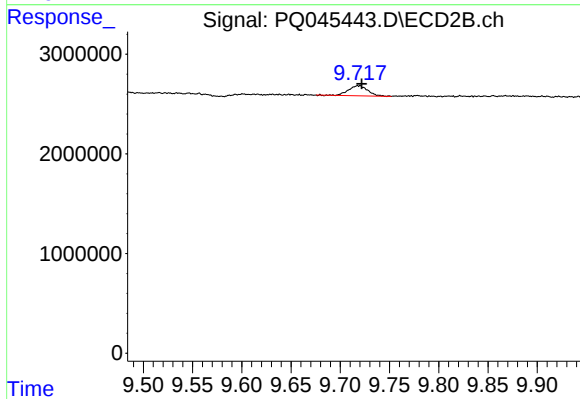
#1 Tetrachloro-m-xylene

R.T.: 4.362 min
Delta R.T.: 0.053 min
Response: 959980
Conc: 0.56 ng/ml



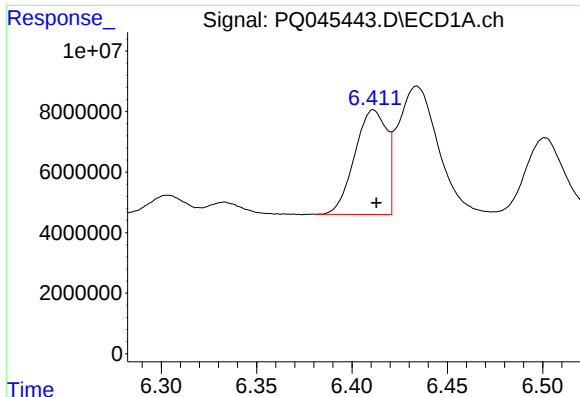
#2 Decachlorobiphenyl

R.T.: 11.153 min
Delta R.T.: -0.002 min
Response: 1774233
Conc: 0.27 ng/ml



#2 Decachlorobiphenyl

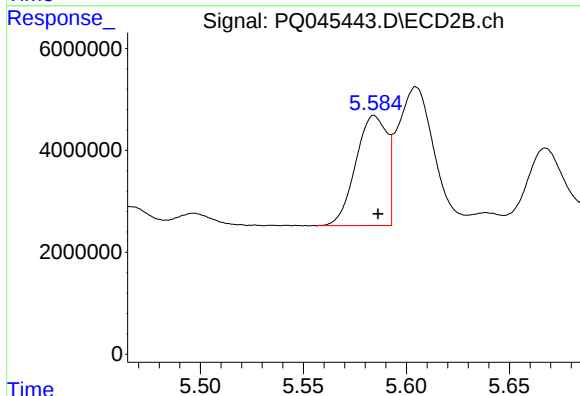
R.T.: 9.718 min
Delta R.T.: -0.004 min
Response: 1385222
Conc: 0.26 ng/ml



#3 AR-1016-1

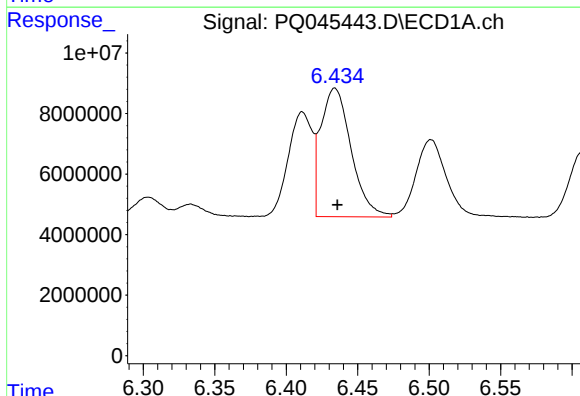
R.T.: 6.411 min
Delta R.T.: -0.002 min
Response: 40468029
Conc: 328.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



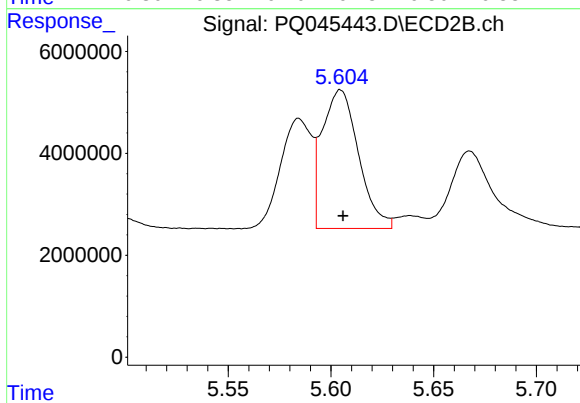
#3 AR-1016-1

R.T.: 5.584 min
Delta R.T.: -0.002 min
Response: 22821598
Conc: 327.94 ng/ml



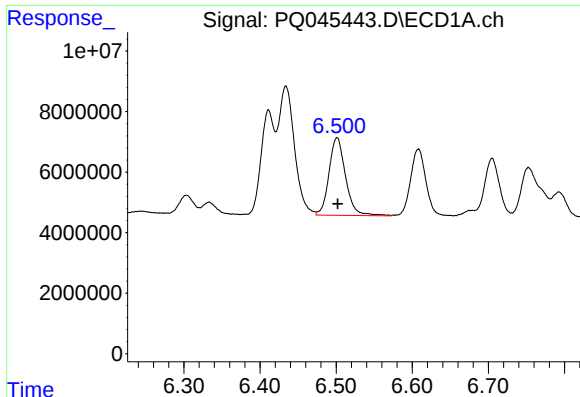
#4 AR-1016-2

R.T.: 6.434 min
Delta R.T.: -0.002 min
Response: 62785413
Conc: 321.68 ng/ml



#4 AR-1016-2

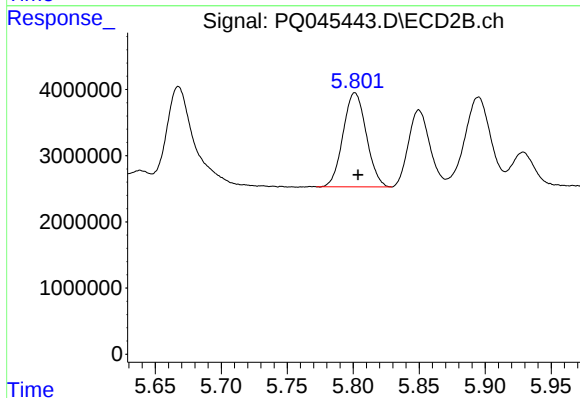
R.T.: 5.605 min
Delta R.T.: -0.001 min
Response: 33467110
Conc: 315.59 ng/ml



#5 AR-1016-3

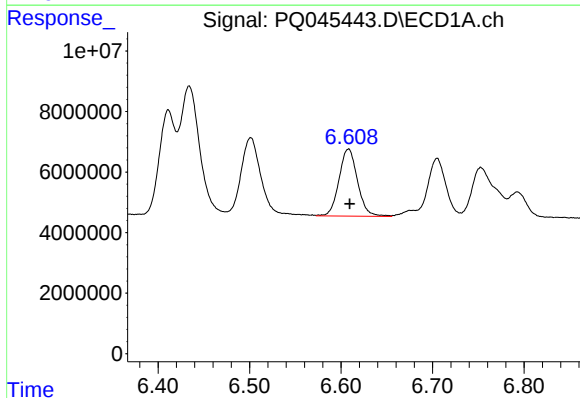
R.T.: 6.501 min
Delta R.T.: 0.000 min
Response: 38782971
Conc: 319.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



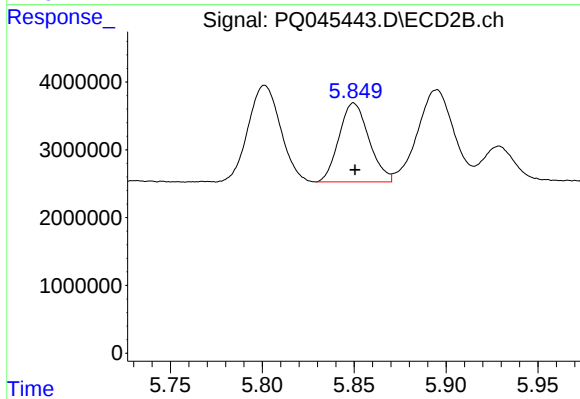
#5 AR-1016-3

R.T.: 5.801 min
Delta R.T.: -0.002 min
Response: 17426171
Conc: 328.41 ng/ml



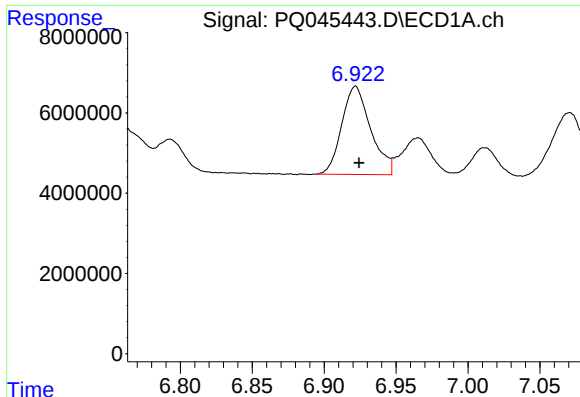
#6 AR-1016-4

R.T.: 6.608 min
Delta R.T.: -0.001 min
Response: 31200565
Conc: 322.82 ng/ml



#6 AR-1016-4

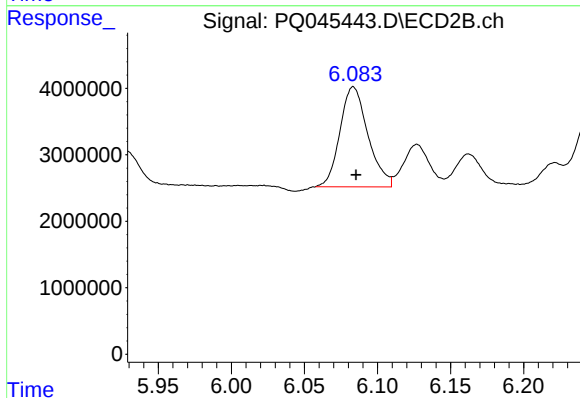
R.T.: 5.850 min
Delta R.T.: 0.000 min
Response: 13196227
Conc: 282.30 ng/ml



#7 AR-1016-5

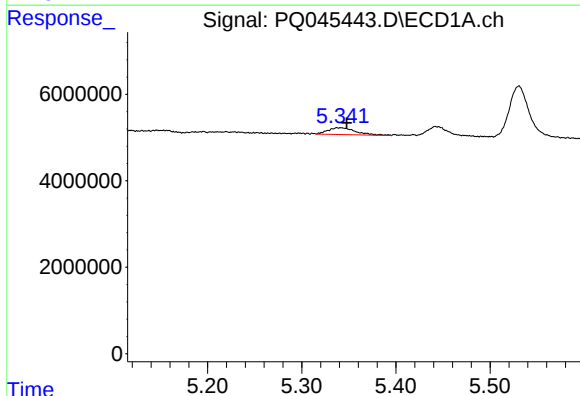
R.T.: 6.922 min
Delta R.T.: -0.002 min
Response: 30907544
Conc: 304.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



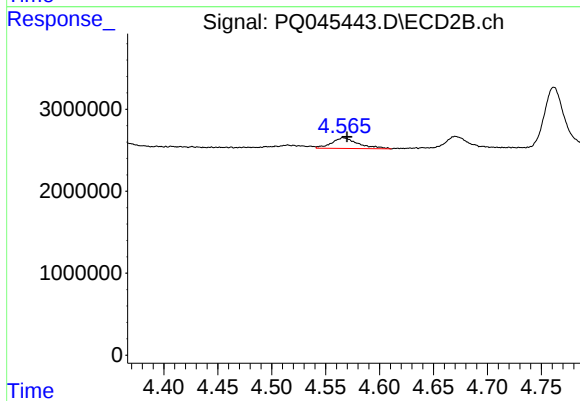
#7 AR-1016-5

R.T.: 6.083 min
Delta R.T.: -0.002 min
Response: 20057551
Conc: 316.27 ng/ml



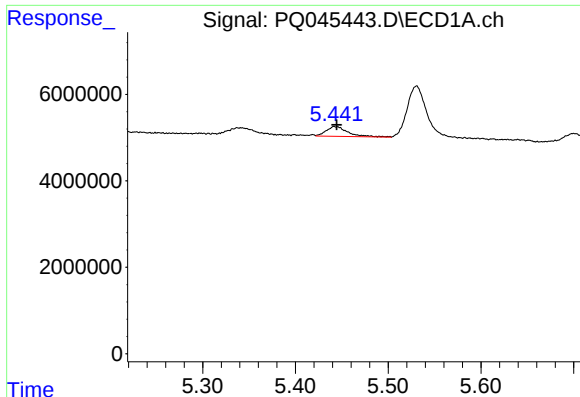
#8 AR-1221-1

R.T.: 5.341 min
Delta R.T.: -0.006 min
Response: 3236275
Conc: 91.04 ng/ml



#8 AR-1221-1

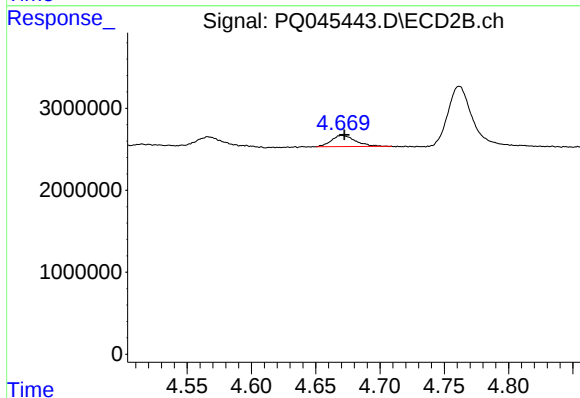
R.T.: 4.566 min
Delta R.T.: -0.004 min
Response: 2206906
Conc: 105.59 ng/ml



#9 AR-1221-2

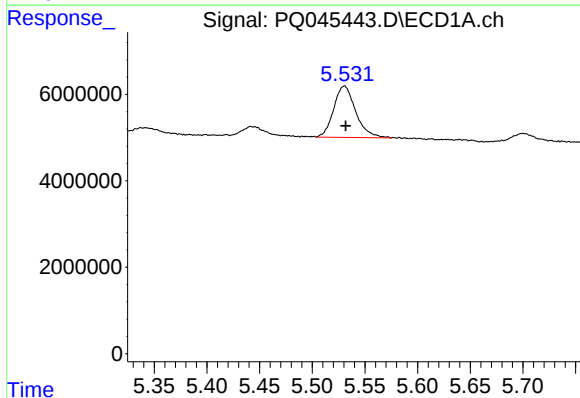
R.T.: 5.442 min
Delta R.T.: -0.002 min
Response: 3601859
Conc: 135.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



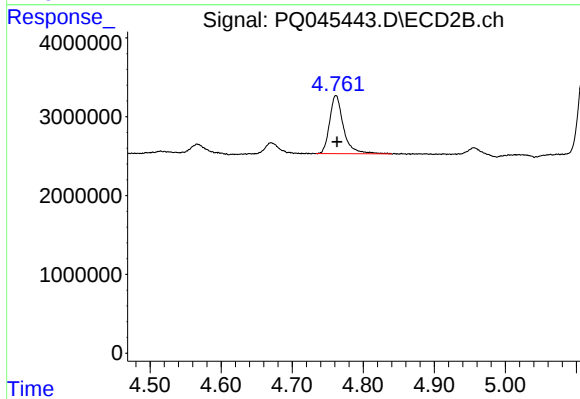
#9 AR-1221-2

R.T.: 4.670 min
Delta R.T.: -0.002 min
Response: 1758758
Conc: 137.01 ng/ml



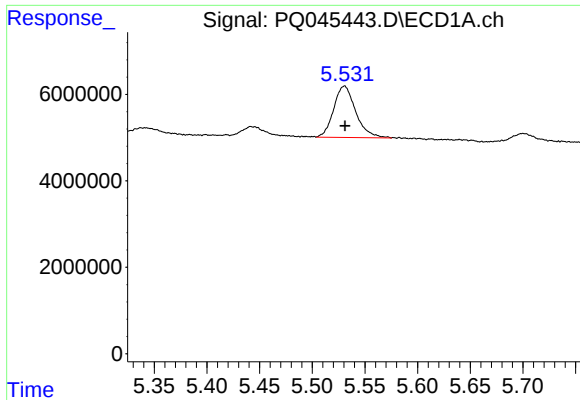
#10 AR-1221-3

R.T.: 5.531 min
Delta R.T.: -0.001 min
Response: 17269105
Conc: 191.26 ng/ml



#10 AR-1221-3

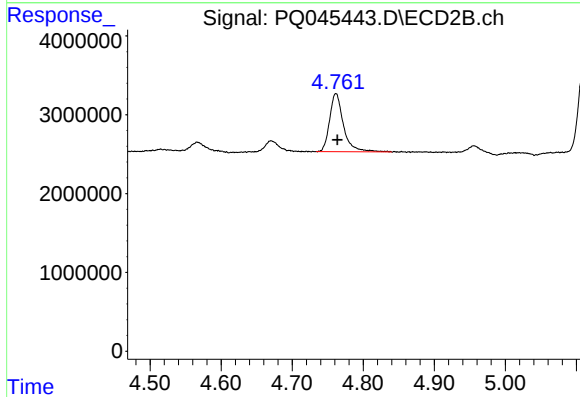
R.T.: 4.762 min
Delta R.T.: -0.001 min
Response: 9974175
Conc: 207.90 ng/ml



#11 AR-1232-1

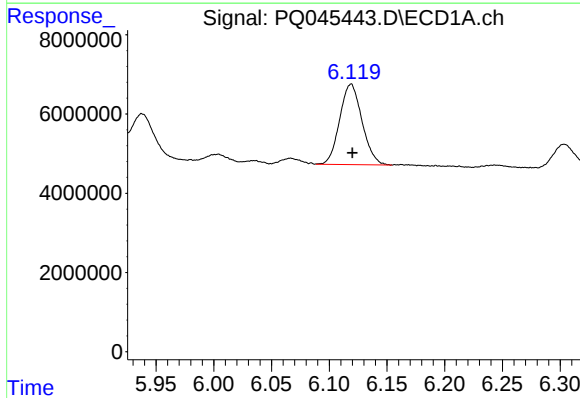
R.T.: 5.531 min
Delta R.T.: 0.000 min
Response: 17269105
Conc: 271.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



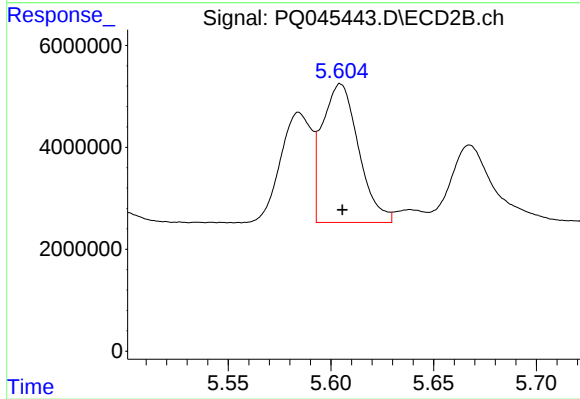
#11 AR-1232-1

R.T.: 4.762 min
Delta R.T.: -0.002 min
Response: 9974175
Conc: 281.47 ng/ml



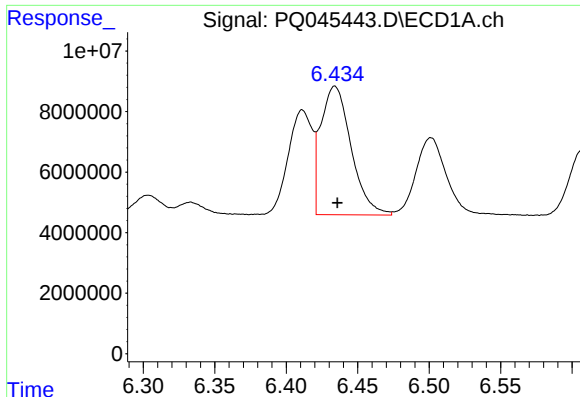
#12 AR-1232-2

R.T.: 6.119 min
Delta R.T.: -0.001 min
Response: 27402546
Conc: 685.04 ng/ml



#12 AR-1232-2

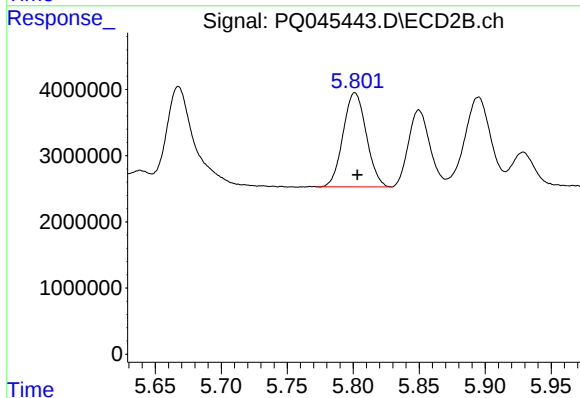
R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 33467110
Conc: 754.04 ng/ml



#13 AR-1232-3

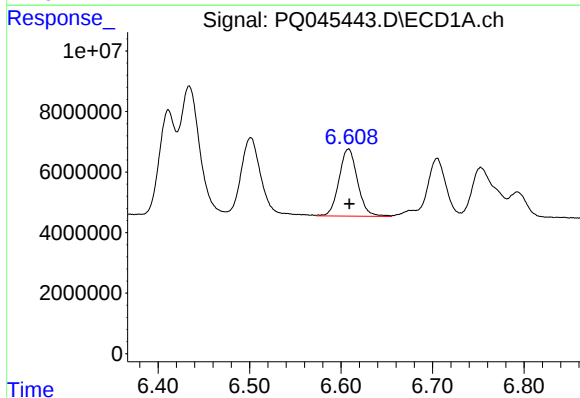
R.T.: 6.434 min
Delta R.T.: -0.002 min
Response: 62785413
Conc: 779.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



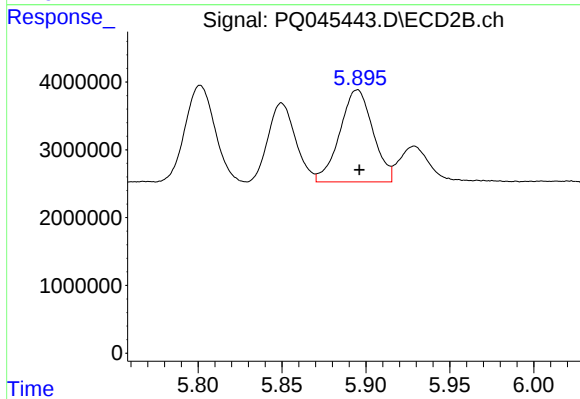
#13 AR-1232-3

R.T.: 5.801 min
Delta R.T.: -0.002 min
Response: 17426171
Conc: 786.87 ng/ml



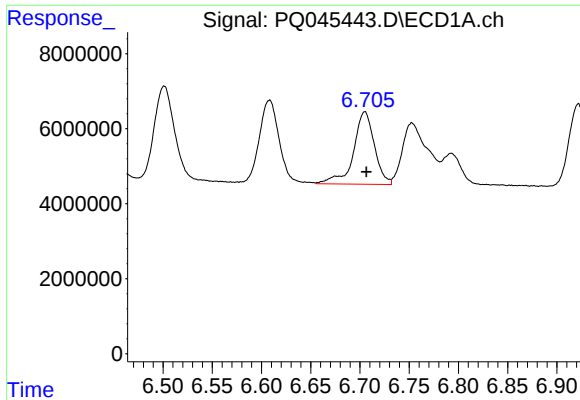
#14 AR-1232-4

R.T.: 6.608 min
Delta R.T.: 0.000 min
Response: 31200565
Conc: 789.39 ng/ml



#14 AR-1232-4

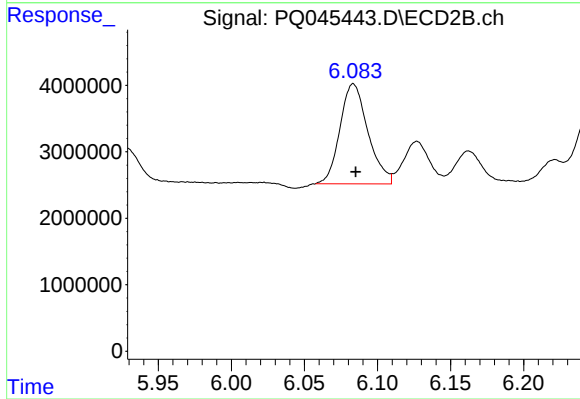
R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 18653296
Conc: 826.62 ng/ml



#15 AR-1232-5

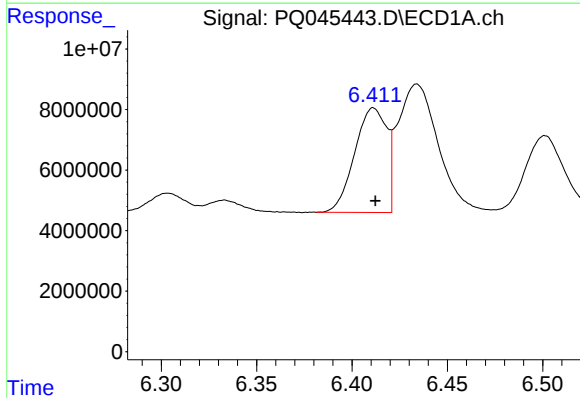
R.T.: 6.705 min
Delta R.T.: -0.002 min
Response: 28665070
Conc: 858.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



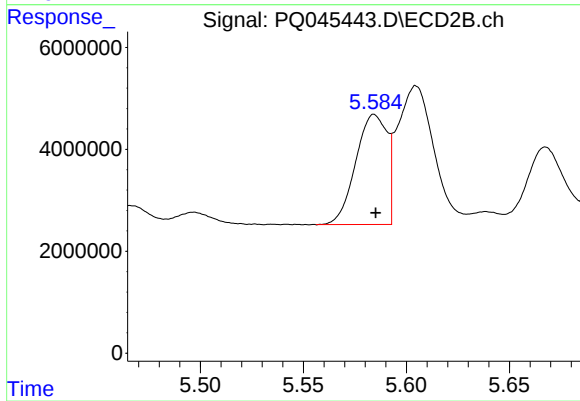
#15 AR-1232-5

R.T.: 6.083 min
Delta R.T.: -0.002 min
Response: 20057551
Conc: 825.93 ng/ml



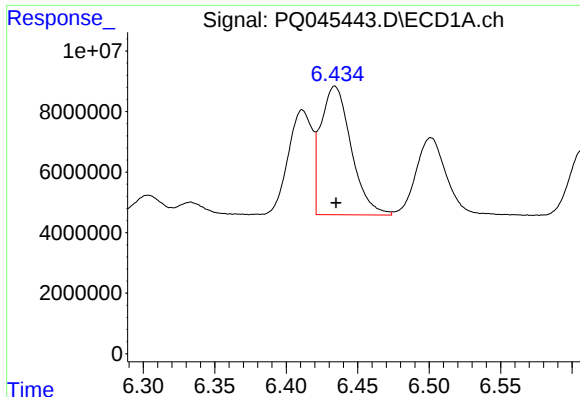
#16 AR-1242-1

R.T.: 6.411 min
Delta R.T.: -0.001 min
Response: 40468029
Conc: 391.34 ng/ml



#16 AR-1242-1

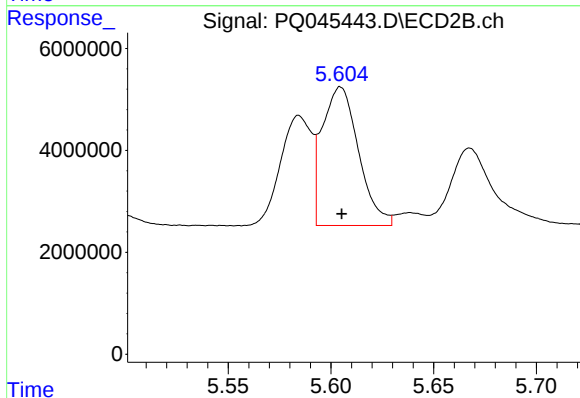
R.T.: 5.584 min
Delta R.T.: 0.000 min
Response: 22821598
Conc: 386.90 ng/ml



#17 AR-1242-2

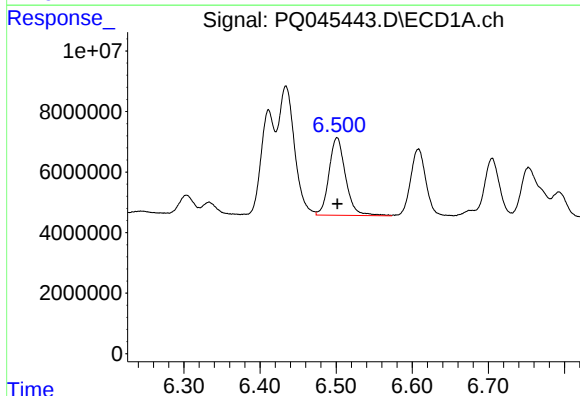
R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 62785413
Conc: 384.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



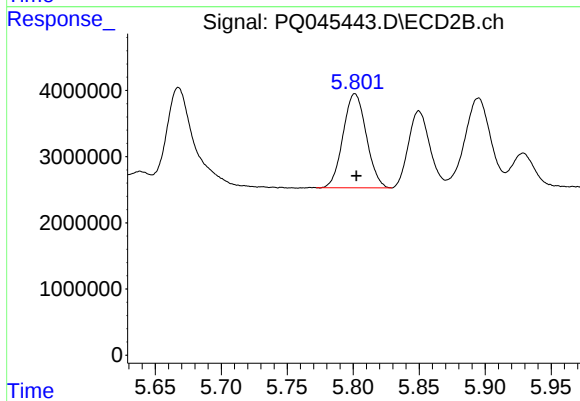
#17 AR-1242-2

R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 33467110
Conc: 381.76 ng/ml



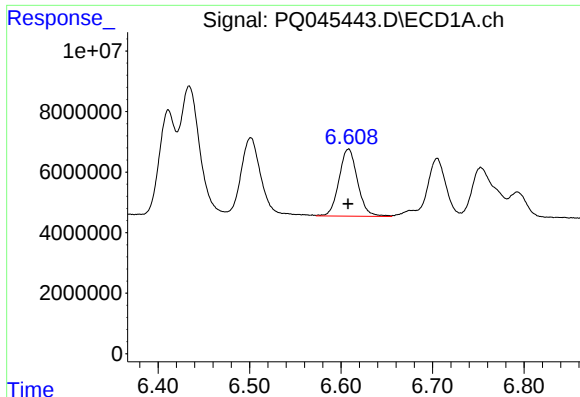
#18 AR-1242-3

R.T.: 6.501 min
Delta R.T.: 0.000 min
Response: 38782971
Conc: 379.19 ng/ml



#18 AR-1242-3

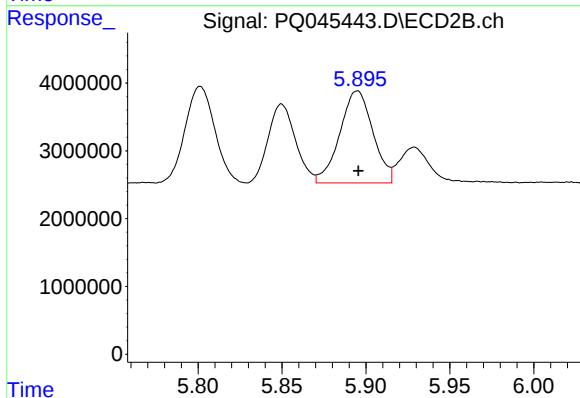
R.T.: 5.801 min
Delta R.T.: -0.001 min
Response: 17426171
Conc: 386.72 ng/ml



#19 AR-1242-4

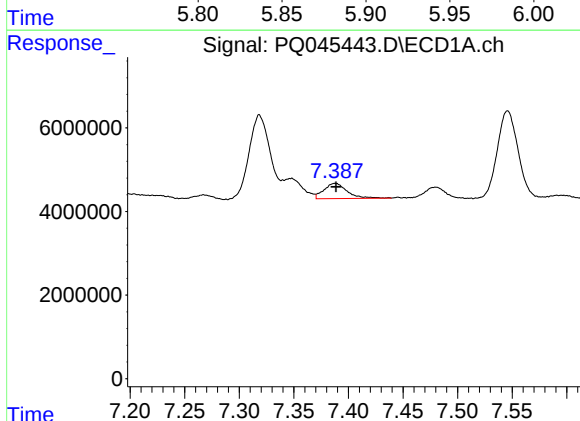
R.T.: 6.608 min
Delta R.T.: 0.000 min
Response: 31200565
Conc: 388.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



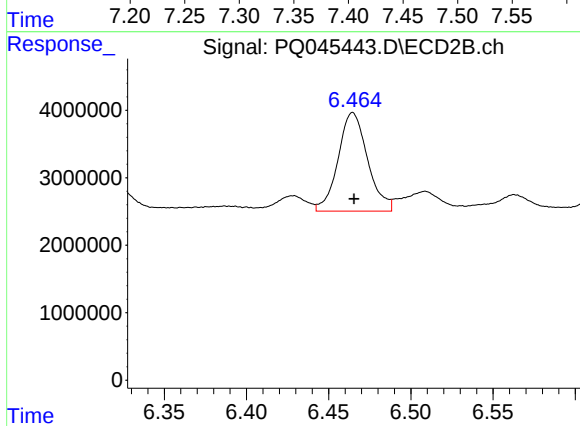
#19 AR-1242-4

R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 18653296
Conc: 384.30 ng/ml



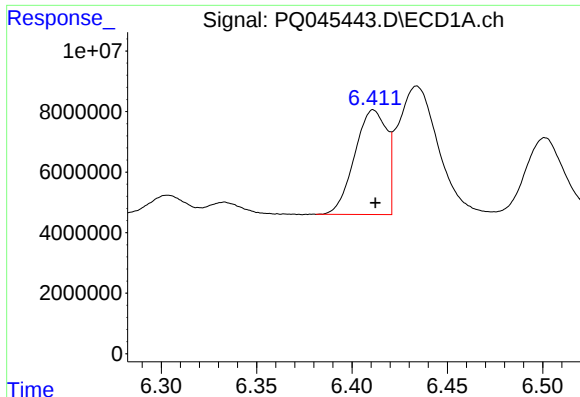
#20 AR-1242-5

R.T.: 7.388 min
Delta R.T.: 0.000 min
Response: 5422511
Conc: 57.78 ng/ml



#20 AR-1242-5

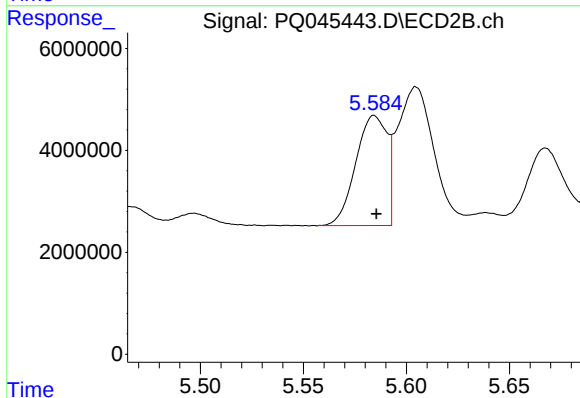
R.T.: 6.465 min
Delta R.T.: 0.000 min
Response: 18267391
Conc: 263.23 ng/ml



#21 AR-1248-1

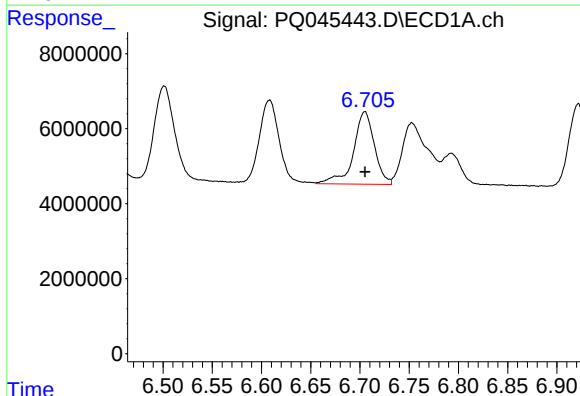
R.T.: 6.411 min
Delta R.T.: -0.001 min
Response: 40468029
Conc: 499.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



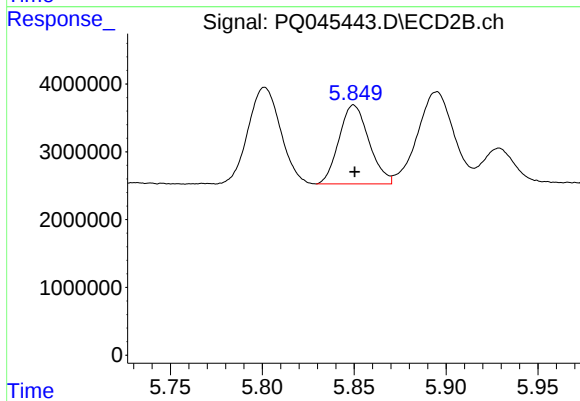
#21 AR-1248-1

R.T.: 5.584 min
Delta R.T.: -0.001 min
Response: 22821598
Conc: 493.17 ng/ml



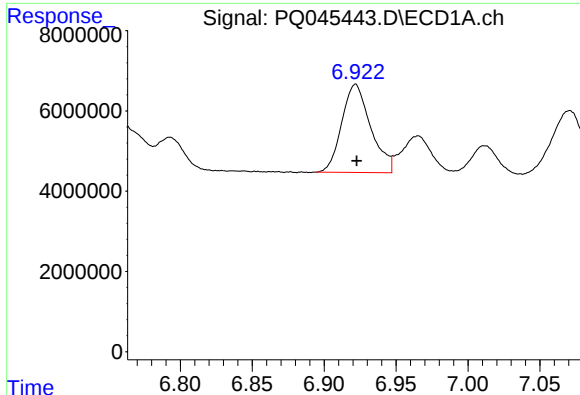
#22 AR-1248-2

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 28665070
Conc: 225.56 ng/ml



#22 AR-1248-2

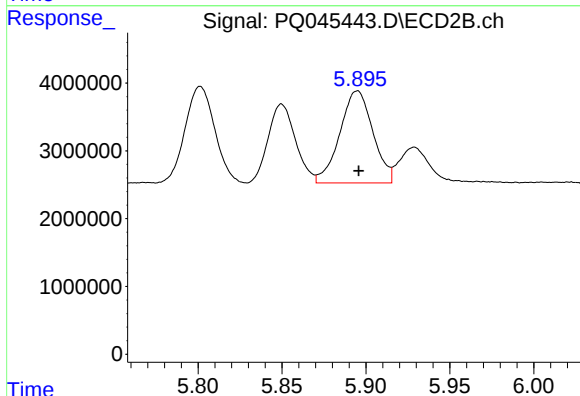
R.T.: 5.850 min
Delta R.T.: 0.000 min
Response: 13196227
Conc: 195.77 ng/ml



#23 AR-1248-3

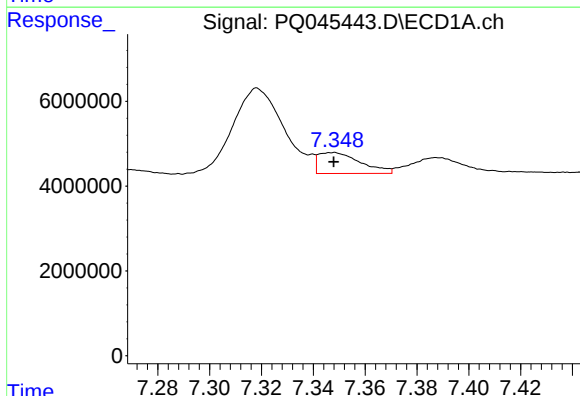
R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 30907544
Conc: 221.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



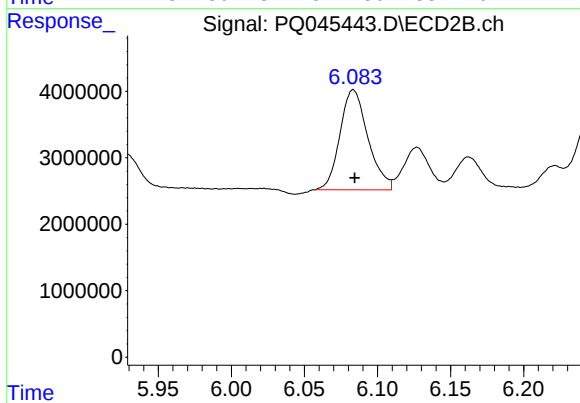
#23 AR-1248-3

R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 18653296
Conc: 262.67 ng/ml



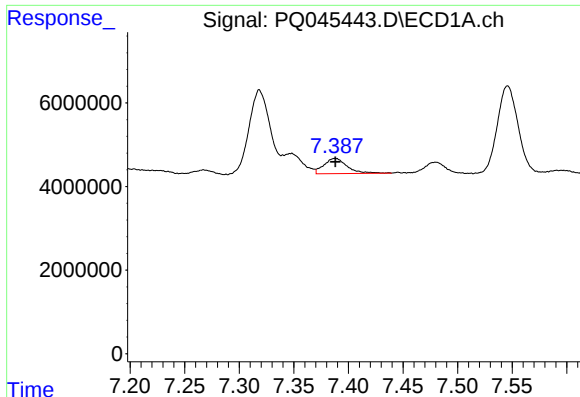
#24 AR-1248-4

R.T.: 7.348 min
Delta R.T.: 0.000 min
Response: 5612968
Conc: 34.57 ng/ml



#24 AR-1248-4

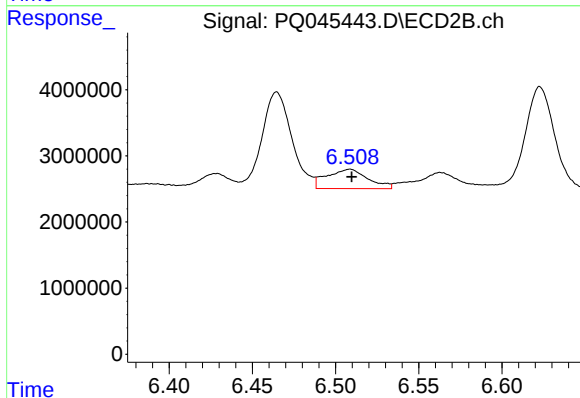
R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 20057551
Conc: 230.61 ng/ml



#25 AR-1248-5

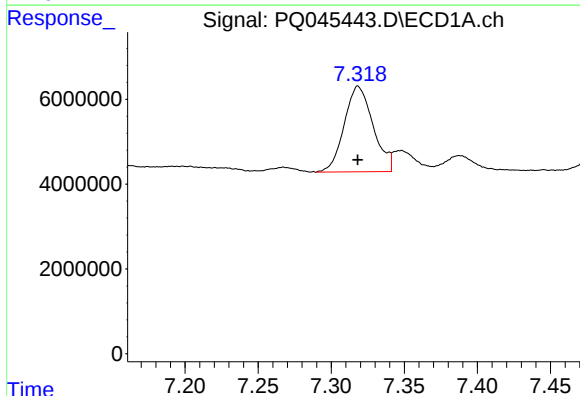
R.T.: 7.388 min
Delta R.T.: 0.000 min
Response: 5422511
Conc: 34.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



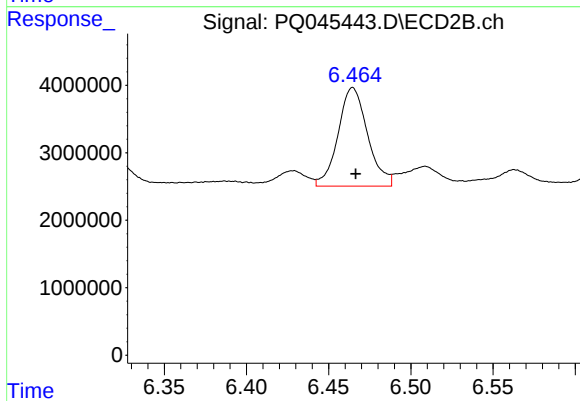
#25 AR-1248-5

R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 5078893
Conc: 53.72 ng/ml



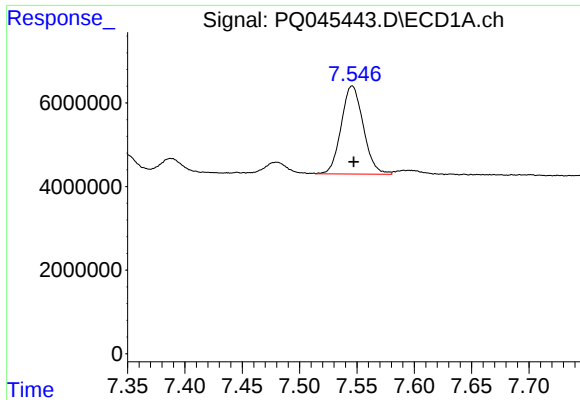
#26 AR-1254-1

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 27825360
Conc: 169.14 ng/ml



#26 AR-1254-1

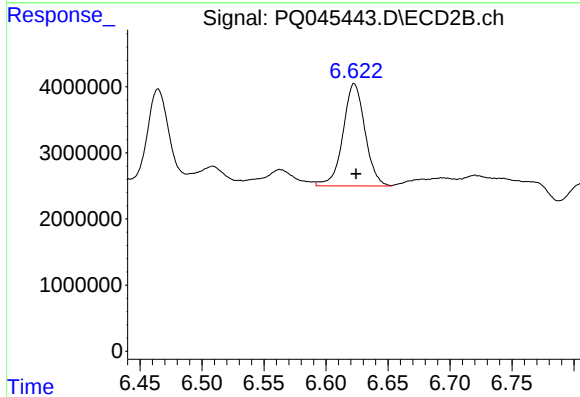
R.T.: 6.465 min
Delta R.T.: -0.002 min
Response: 18267391
Conc: 125.87 ng/ml



#27 AR-1254-2

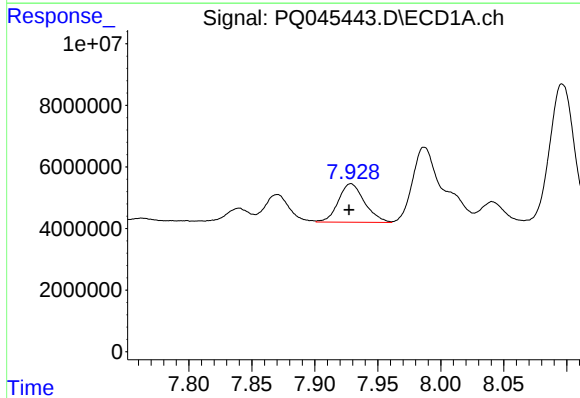
R.T.: 7.546 min
Delta R.T.: -0.001 min
Response: 28322175
Conc: 108.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



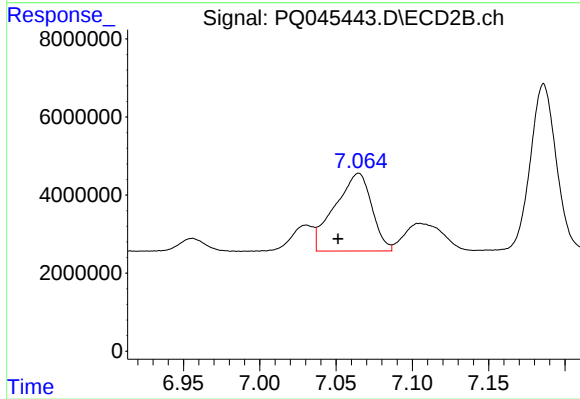
#27 AR-1254-2

R.T.: 6.623 min
Delta R.T.: -0.002 min
Response: 19091769
Conc: 142.70 ng/ml



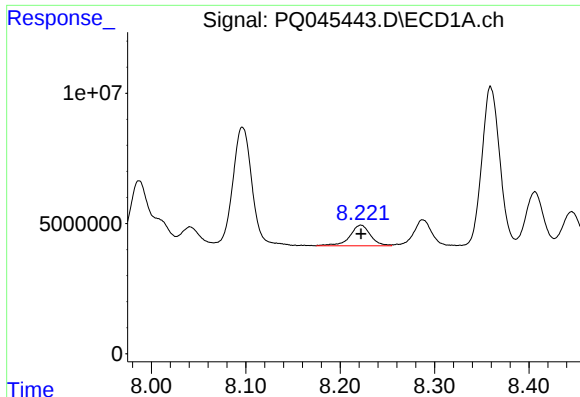
#28 AR-1254-3

R.T.: 7.929 min
Delta R.T.: 0.001 min
Response: 18034761
Conc: 63.08 ng/ml



#28 AR-1254-3

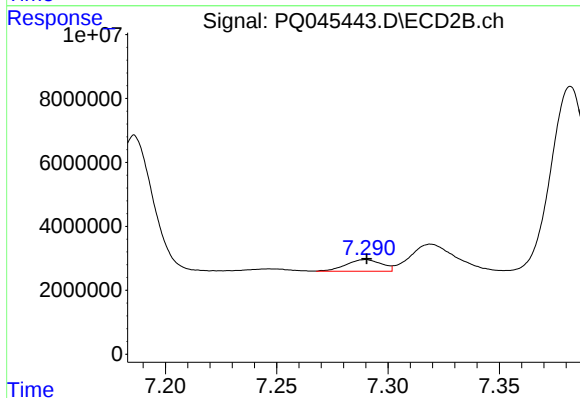
R.T.: 7.065 min
Delta R.T.: 0.013 min
Response: 33571340
Conc: 140.05 ng/ml



#29 AR-1254-4

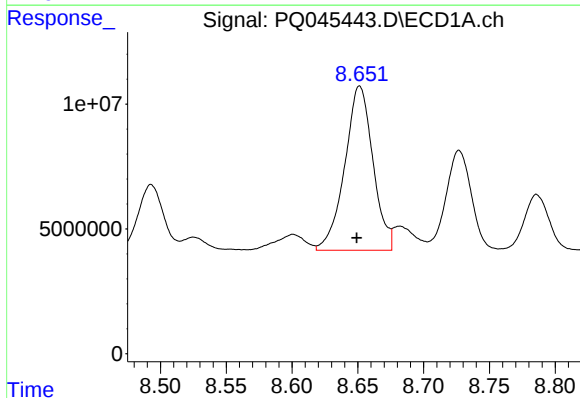
R.T.: 8.222 min
Delta R.T.: 0.000 min
Response: 11979184
Conc: 55.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



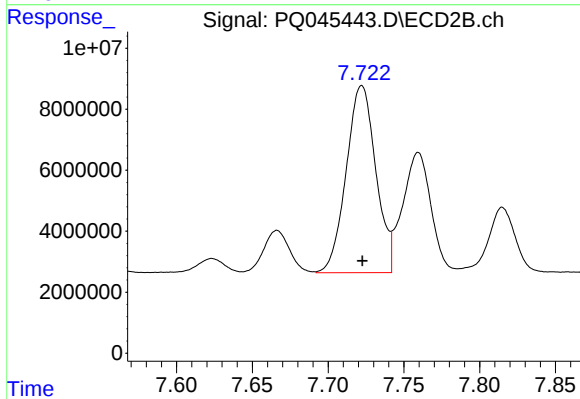
#29 AR-1254-4

R.T.: 7.290 min
Delta R.T.: 0.000 min
Response: 4031415
Conc: 24.14 ng/ml



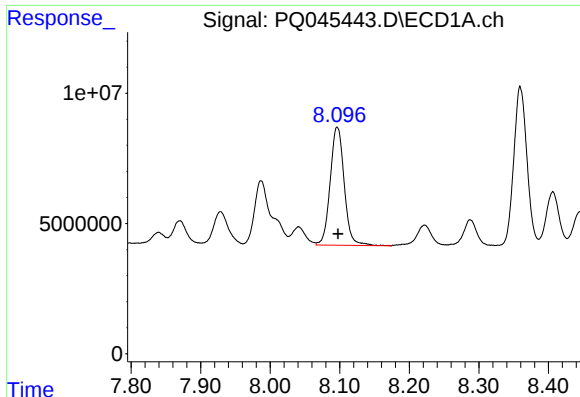
#30 AR-1254-5

R.T.: 8.651 min
Delta R.T.: 0.002 min
Response: 98176472
Conc: 398.97 ng/ml



#30 AR-1254-5

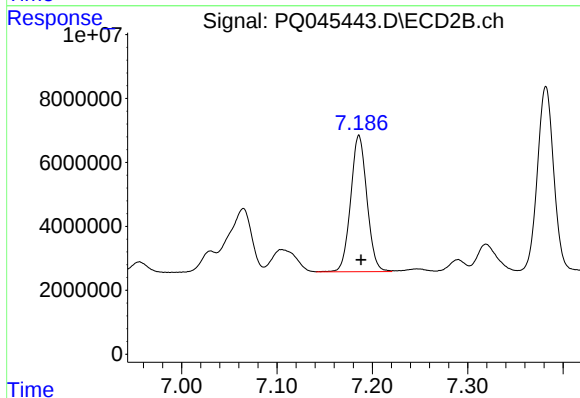
R.T.: 7.722 min
Delta R.T.: 0.000 min
Response: 83381483
Conc: 323.58 ng/ml



#31 AR-1260-1

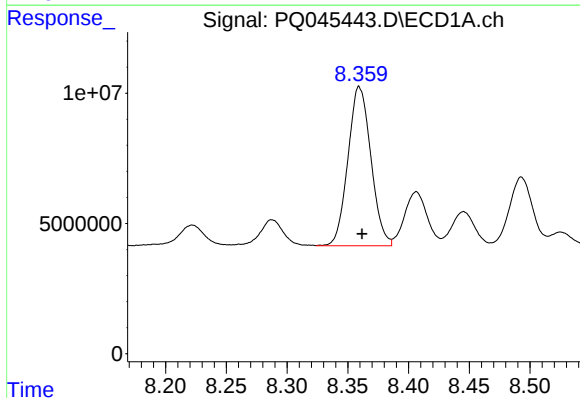
R.T.: 8.096 min
Delta R.T.: -0.001 min
Response: 63538440
Conc: 297.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



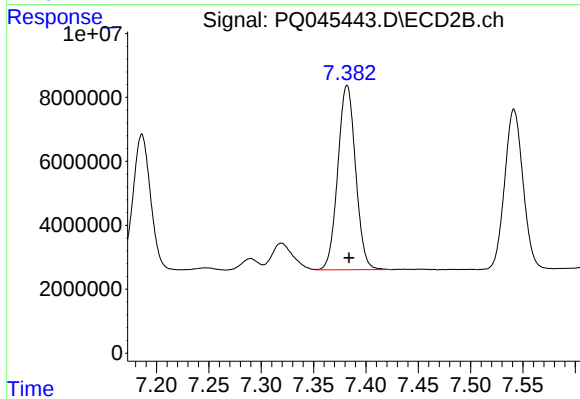
#31 AR-1260-1

R.T.: 7.186 min
Delta R.T.: -0.002 min
Response: 50446983
Conc: 329.56 ng/ml



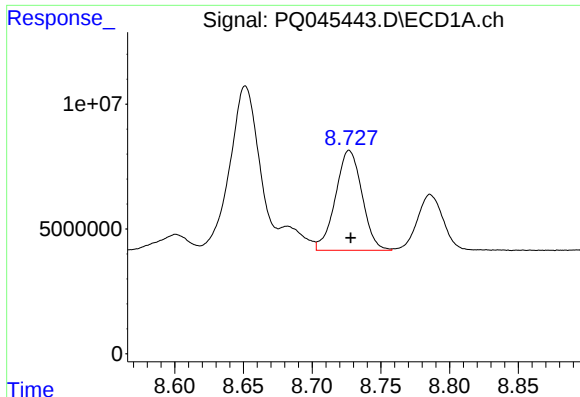
#32 AR-1260-2

R.T.: 8.359 min
Delta R.T.: -0.002 min
Response: 80366547
Conc: 329.80 ng/ml



#32 AR-1260-2

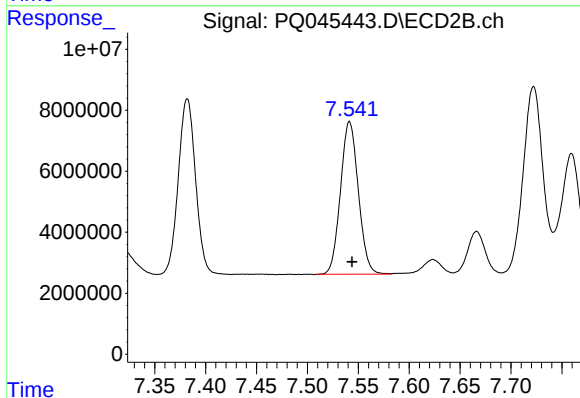
R.T.: 7.382 min
Delta R.T.: -0.002 min
Response: 68326462
Conc: 342.04 ng/ml



#33 AR-1260-3

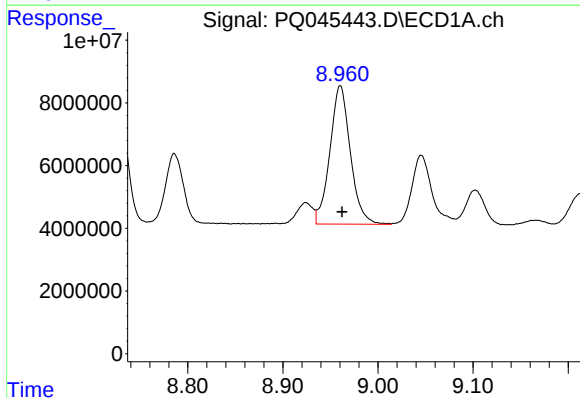
R.T.: 8.727 min
Delta R.T.: -0.001 min
Response: 53832667
Conc: 271.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



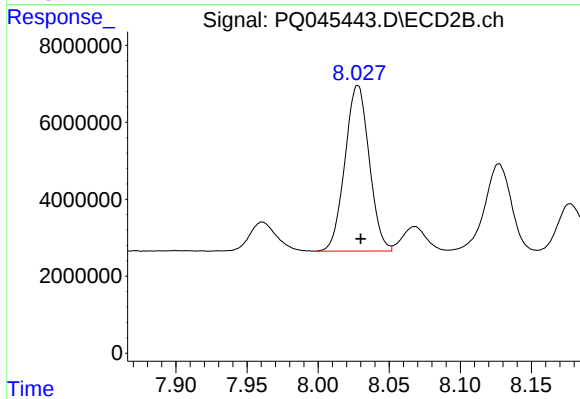
#33 AR-1260-3

R.T.: 7.541 min
Delta R.T.: -0.003 min
Response: 61192722
Conc: 332.59 ng/ml



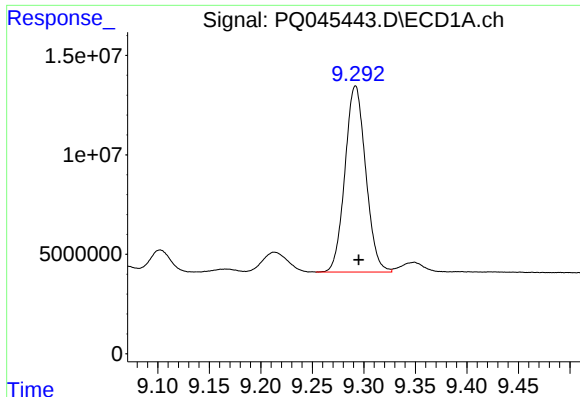
#34 AR-1260-4

R.T.: 8.960 min
Delta R.T.: -0.002 min
Response: 66095339
Conc: 289.11 ng/ml



#34 AR-1260-4

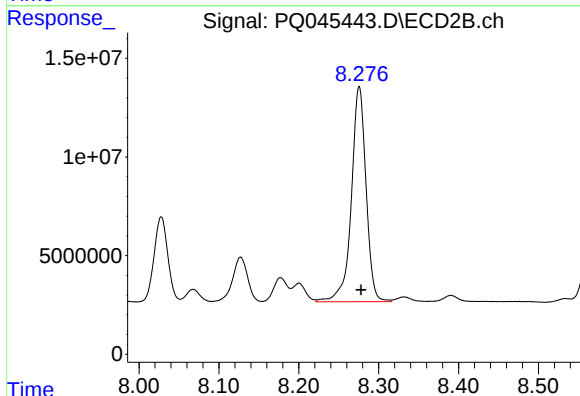
R.T.: 8.028 min
Delta R.T.: -0.002 min
Response: 51203549
Conc: 282.22 ng/ml



#35 AR-1260-5

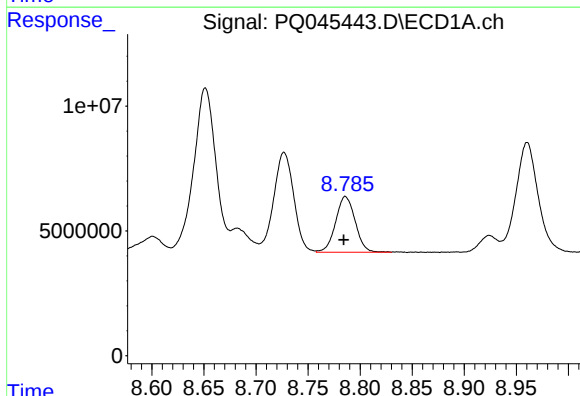
R.T.: 9.292 min
Delta R.T.: -0.003 min
Response: 131224254
Conc: 252.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



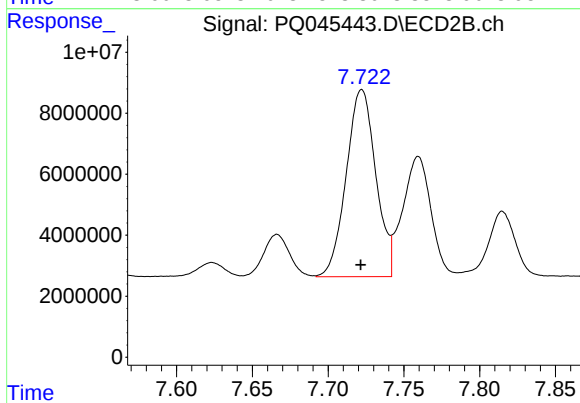
#35 AR-1260-5

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 139719554
Conc: 273.09 ng/ml



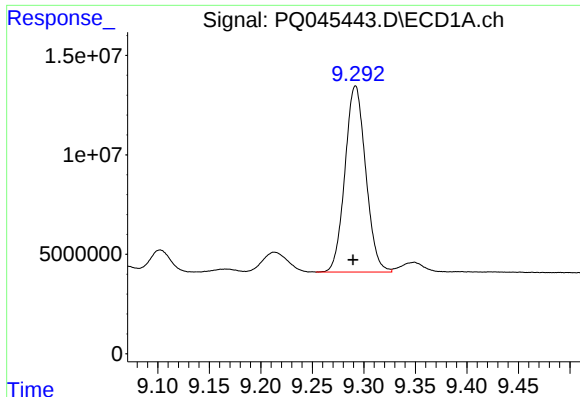
#36 AR-1262-1

R.T.: 8.786 min
Delta R.T.: 0.002 min
Response: 29196461
Conc: 211.15 ng/ml



#36 AR-1262-1

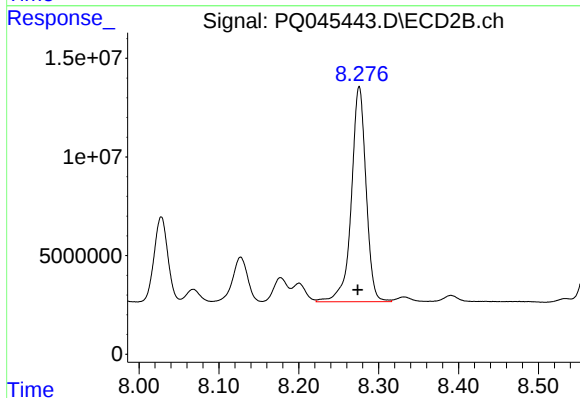
R.T.: 7.722 min
Delta R.T.: 0.000 min
Response: 83381483
Conc: 571.58 ng/ml



#37 AR-1262-2

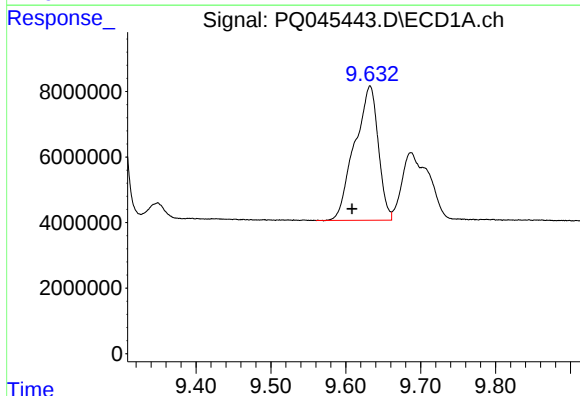
R.T.: 9.292 min
Delta R.T.: 0.002 min
Response: 131224254
Conc: 202.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



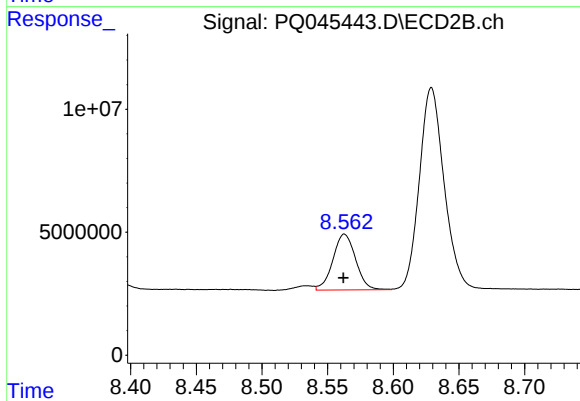
#37 AR-1262-2

R.T.: 8.276 min
Delta R.T.: 0.002 min
Response: 139719554
Conc: 214.75 ng/ml



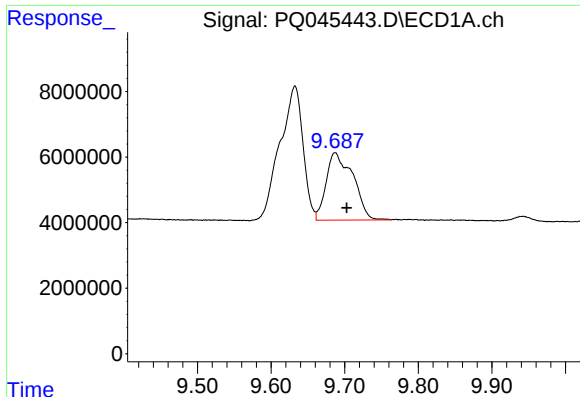
#38 AR-1262-3

R.T.: 9.632 min
Delta R.T.: 0.024 min
Response: 89585659
Conc: 195.81 ng/ml



#38 AR-1262-3

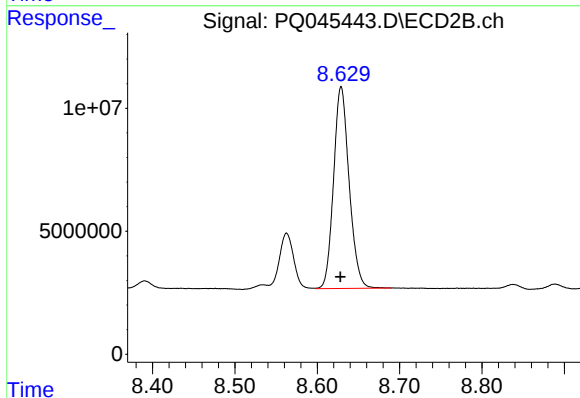
R.T.: 8.563 min
Delta R.T.: 0.000 min
Response: 27419846
Conc: 102.93 ng/ml



#39 AR-1262-4

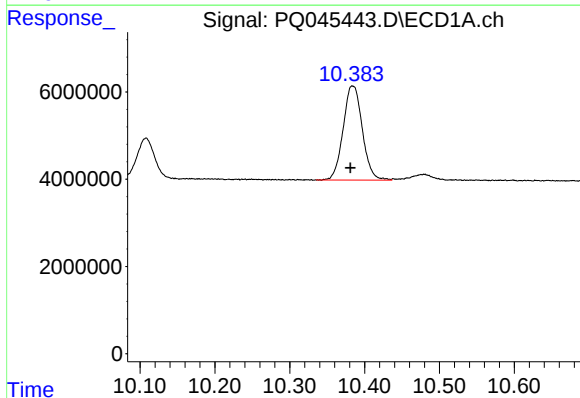
R.T.: 9.687 min
Delta R.T.: -0.016 min
Response: 52050589
Conc: 142.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



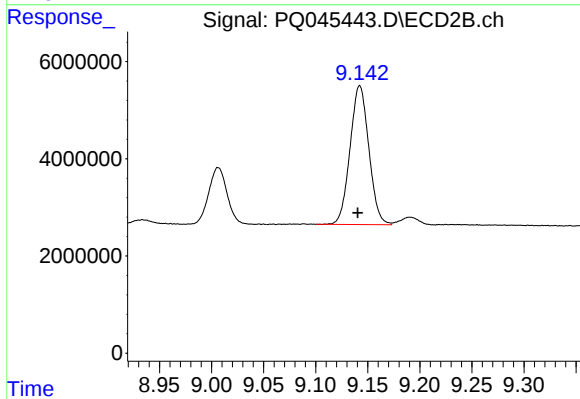
#39 AR-1262-4

R.T.: 8.629 min
Delta R.T.: 0.000 min
Response: 107709777
Conc: 205.75 ng/ml



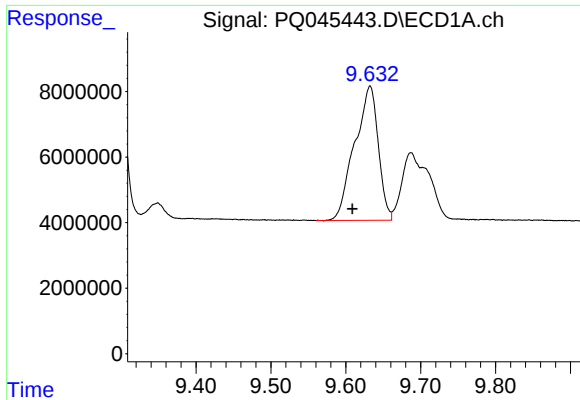
#40 AR-1262-5

R.T.: 10.384 min
Delta R.T.: 0.003 min
Response: 38442207
Conc: 134.88 ng/ml



#40 AR-1262-5

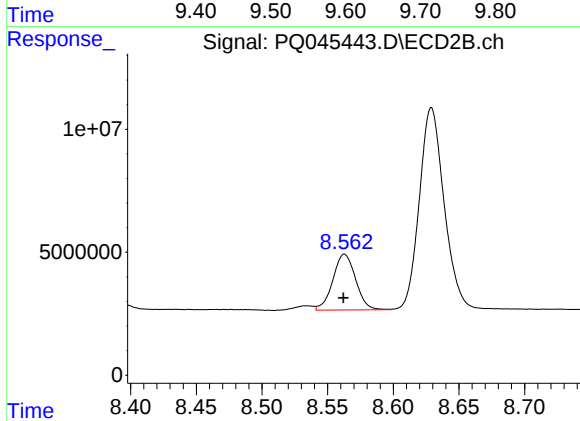
R.T.: 9.142 min
Delta R.T.: 0.002 min
Response: 35920500
Conc: 130.61 ng/ml



#41 AR-1268-1

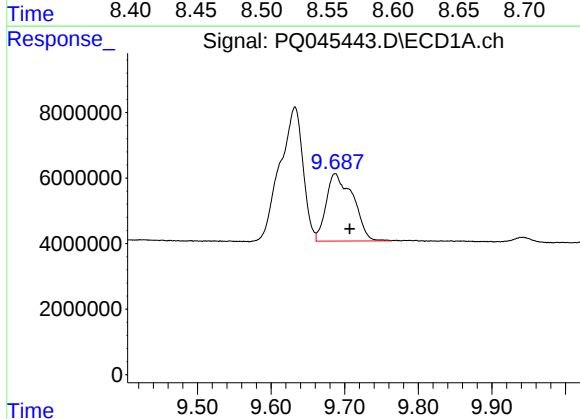
R.T.: 9.632 min
Delta R.T.: 0.024 min
Response: 89585659
Conc: 106.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



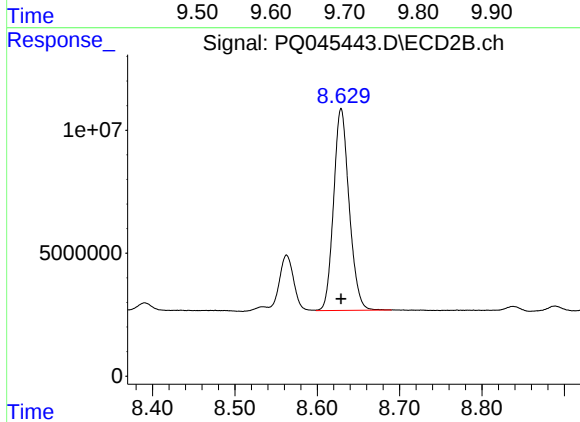
#41 AR-1268-1

R.T.: 8.563 min
Delta R.T.: 0.000 min
Response: 27419846
Conc: 34.14 ng/ml



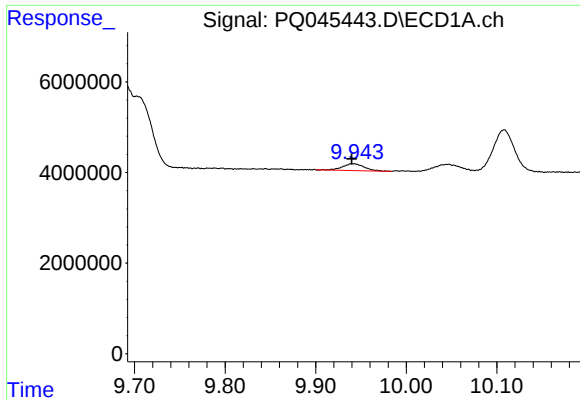
#42 AR-1268-2

R.T.: 9.687 min
Delta R.T.: -0.020 min
Response: 52050589
Conc: 62.93 ng/ml



#42 AR-1268-2

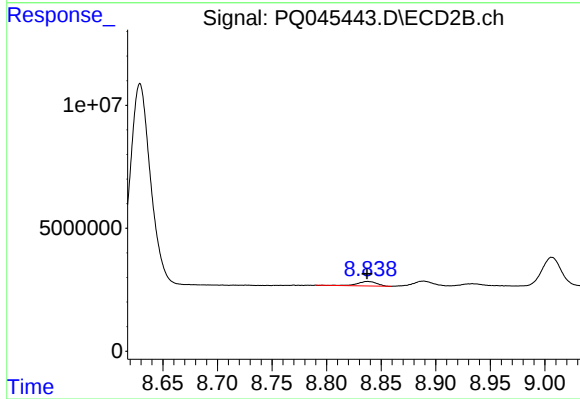
R.T.: 8.629 min
Delta R.T.: 0.000 min
Response: 107709777
Conc: 141.61 ng/ml



#43 AR-1268-3

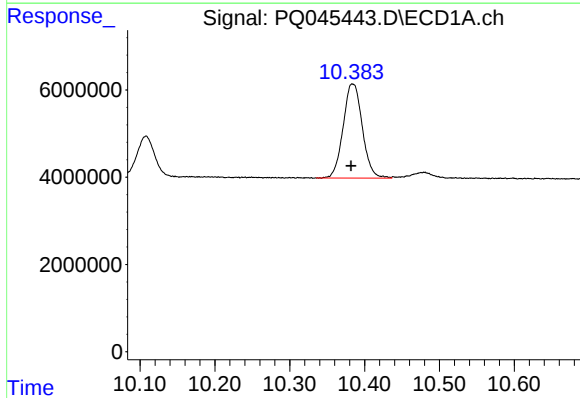
R.T.: 9.942 min
Delta R.T.: 0.003 min
Response: 2547746
Conc: 3.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



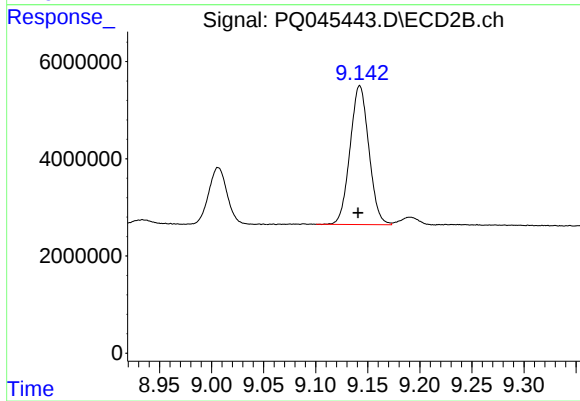
#43 AR-1268-3

R.T.: 8.838 min
Delta R.T.: 0.000 min
Response: 2209381
Conc: 3.54 ng/ml



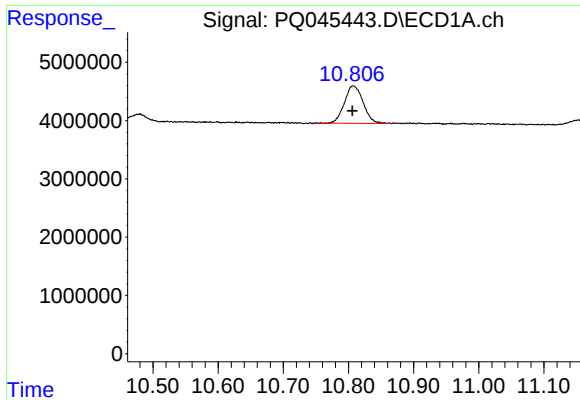
#44 AR-1268-4

R.T.: 10.384 min
Delta R.T.: 0.002 min
Response: 38442207
Conc: 116.94 ng/ml



#44 AR-1268-4

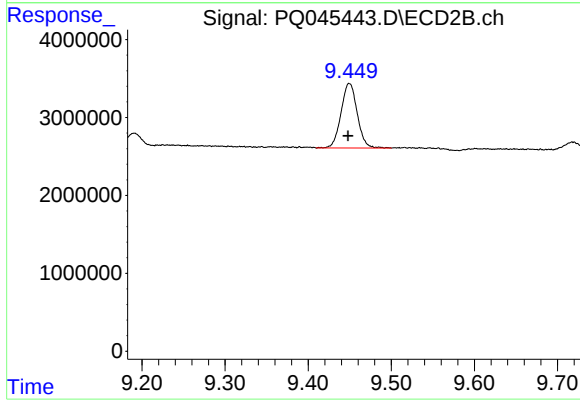
R.T.: 9.142 min
Delta R.T.: 0.002 min
Response: 35920500
Conc: 112.87 ng/ml



#45 AR-1268-5

R.T.: 10.807 min
Delta R.T.: 0.002 min
Response: 12883523
Conc: 4.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.450 min
Delta R.T.: 0.002 min
Response: 11210983
Conc: 4.65 ng/ml