

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112619\
 Data File : PQ045488.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Nov 2019 08:37
 Operator : SM\AJ
 Sample : K6007-18
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 C0BM4

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 27 10:05:55 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...	5.099	4.308	67310822	40424495	20.462	23.700
2)	SA Decachlor...	11.151	9.716	264.1E6	207.4E6	40.474	39.631
Target Compounds							
3)	L1 AR-1016-1	6.435	5.584	7996826	860697	64.969	12.368 #
4)	L1 AR-1016-2	6.435	5.605	7996826	2869635	40.972	27.061 #
5)	L1 AR-1016-3	6.435	5.801	7996826	2043496	65.874	38.511 #
6)	L1 AR-1016-4	6.607	5.848	3054745	4114185	31.606	88.012 #
7)	L1 AR-1016-5	6.921	6.083	6970960	4388389	68.620	69.198
9)	L2 AR-1221-2	5.451	0.000	1480160	0	55.784	N.D. #
12)	L3 AR-1232-2	6.116	5.605	1798865	2869635	44.970	64.655 #
13)	L3 AR-1232-3	6.435	5.801	7996826	2043496	99.281	92.273
14)	L3 AR-1232-4	6.607	5.893	3054745	3479285	77.286	154.184 #
15)	L3 AR-1232-5	6.705	6.083	7104519	4388389	212.797	180.706
16)	L4 AR-1242-1	6.435	5.584	7996826	860697	77.332	14.592 #
17)	L4 AR-1242-2	6.435	5.605	7996826	2869635	49.026	32.734 #
18)	L4 AR-1242-3	6.435	5.801	7996826	2043496	78.187	45.349 #
19)	L4 AR-1242-4	6.607	5.893	3054745	3479285	37.998	71.681 #
20)	L4 AR-1242-5	7.387	6.464	11850225	15078505	126.277	217.281 #
21)	L5 AR-1248-1	6.435	5.584	7996826	860697	98.692	18.600 #
22)	L5 AR-1248-2	6.705	5.848	7104519	4114185	55.903	61.035
23)	L5 AR-1248-3	6.921	5.893	6970960	3479285	50.058	48.995
24)	L5 AR-1248-4	7.317	6.083	30027158	4388389	184.932	50.456 #
25)	L5 AR-1248-5	7.387	6.507	11850225	5724450	75.649	60.551
26)	L6 AR-1254-1	7.317	6.464	30027158	15078505	182.519	103.901 #
27)	L6 AR-1254-2	7.546	6.622	33875145	17528112	129.241	131.014
28)	L6 AR-1254-3	7.928	7.063	22262128	46880400	77.867	195.575 #
29)	L6 AR-1254-4	8.221	7.288	17302963	10029554	79.853	60.067
30)	L6 AR-1254-5	8.650	7.721	141.7E6	106.8E6	575.804	414.589 #
31)	L7 AR-1260-1	8.095	7.185	85232737	66363111	398.955	433.542
32)	L7 AR-1260-2	8.359	7.381	100.1E6	82676341	410.723	413.875
33)	L7 AR-1260-3	8.725	7.541	73037372	74830037	368.433	406.715
34)	L7 AR-1260-4	8.959	8.027	90540151	67753949	396.036	373.444
35)	L7 AR-1260-5	9.290	8.273	165.6E6	168.6E6	318.268	329.535
36)	L8 AR-1262-1	8.785	7.721	37444543	106.8E6	270.806	732.337 #
37)	L8 AR-1262-2	9.290	8.273	165.6E6	168.6E6	255.502	259.132
38)	L8 AR-1262-3	9.630	8.561	113.3E6	33420171	247.622	125.455 #
39)	L8 AR-1262-4	9.685	8.628	64395135	127.6E6	176.627	243.681 #
40)	L8 AR-1262-5	10.381	9.141	43052449	39003753	151.050	141.825
41)	L9 AR-1268-1	9.630	8.561	113.3E6	33420171	134.073	41.615 #
42)	L9 AR-1268-2	9.685	8.628	64395135	127.6E6	77.850	167.717 #
43)	L9 AR-1268-3	9.940	8.836	2539862	2286608	3.618	3.659
44)	L9 AR-1268-4	10.381	9.141	43052449	39003753	130.964	122.558

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Integration File signal 1: autoint1.e
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Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 26 06:05:49 2019
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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
45)	L9 AR-1268-5	10.805	9.448	12229905	9339192	4.542	3.870

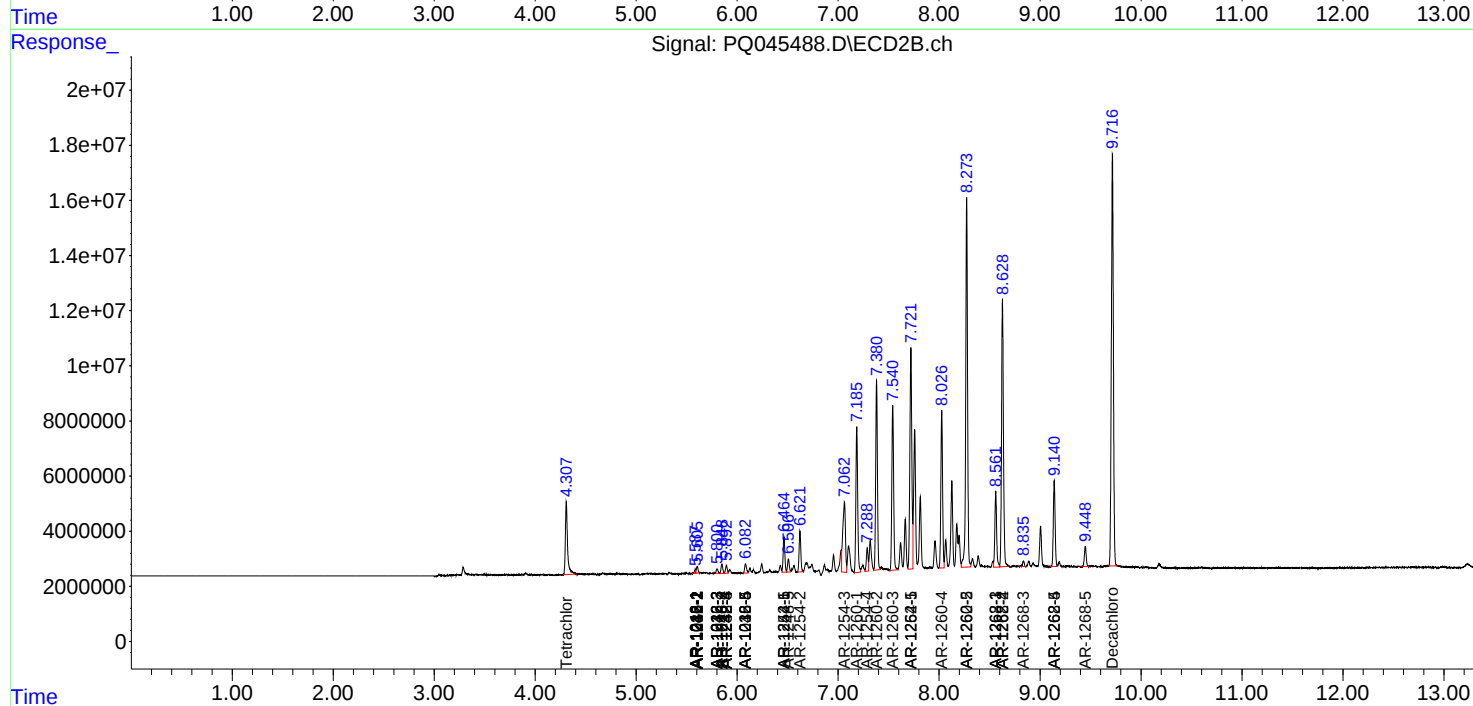
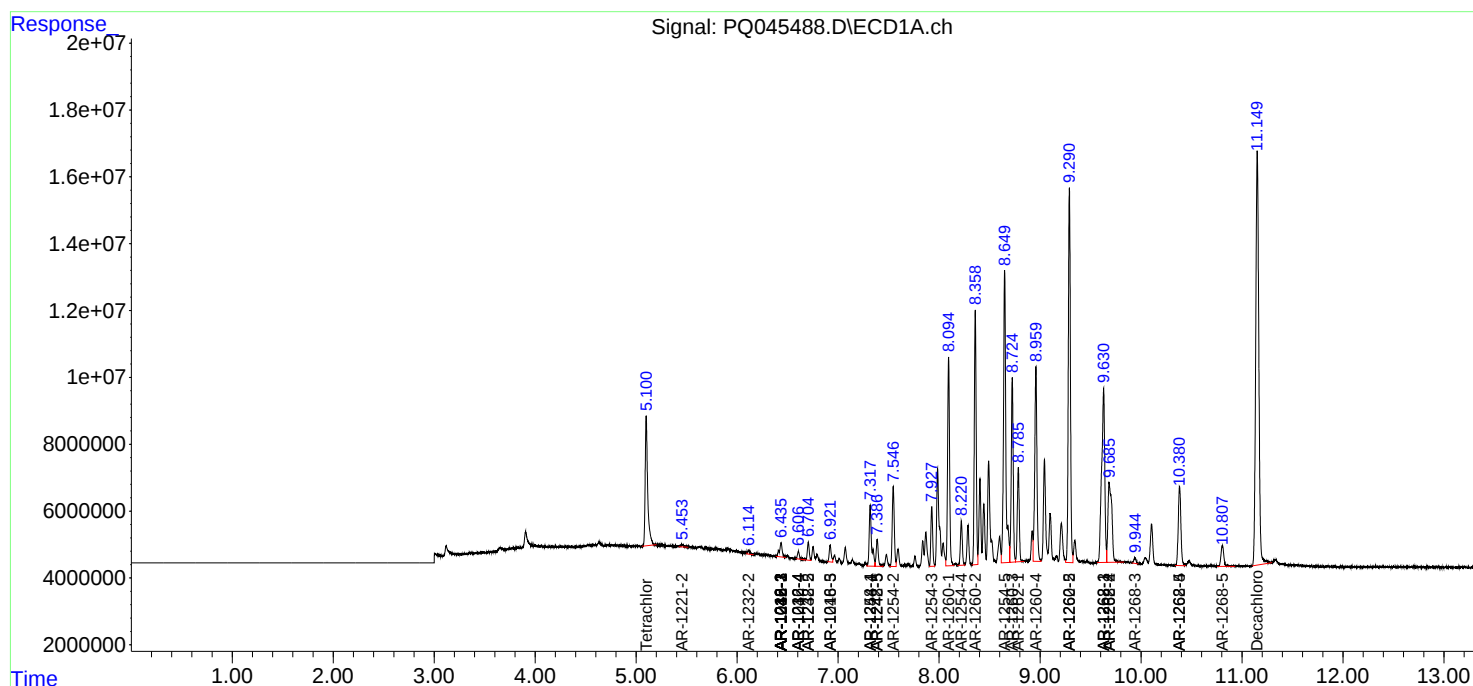
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

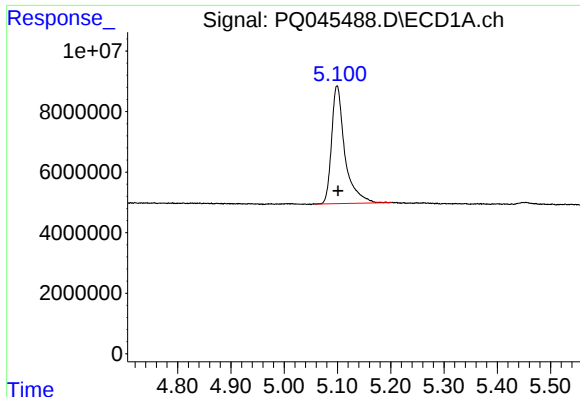
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112619\
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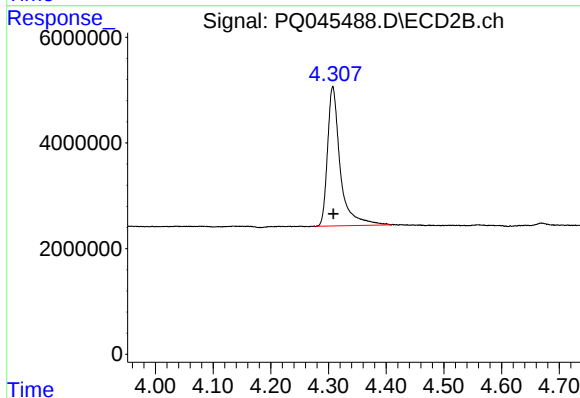




#1 Tetrachloro-m-xylene

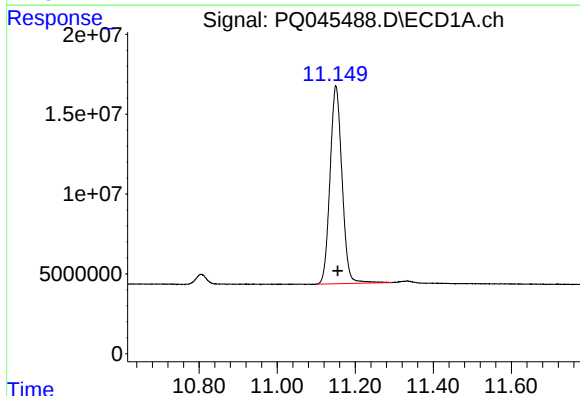
R.T.: 5.099 min
Delta R.T.: -0.002 min
Response: 67310822
Conc: 20.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0BM4



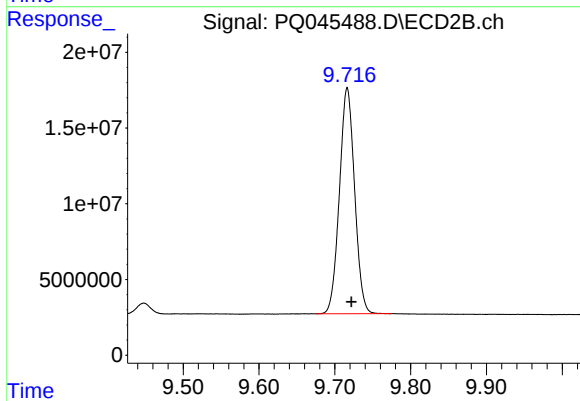
#1 Tetrachloro-m-xylene

R.T.: 4.308 min
Delta R.T.: -0.001 min
Response: 40424495
Conc: 23.70 ng/ml



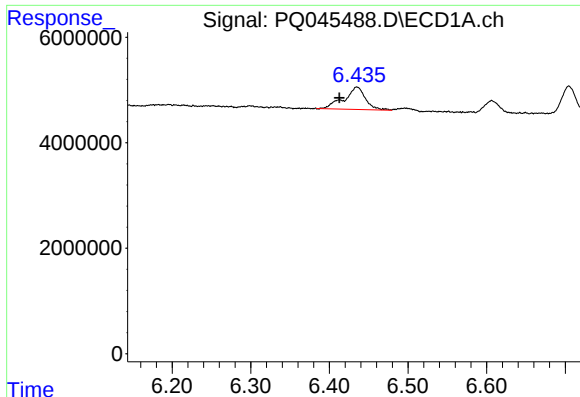
#2 Decachlorobiphenyl

R.T.: 11.151 min
Delta R.T.: -0.005 min
Response: 264109862
Conc: 40.47 ng/ml



#2 Decachlorobiphenyl

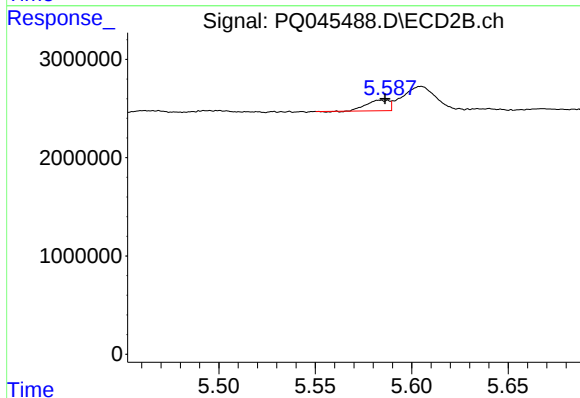
R.T.: 9.716 min
Delta R.T.: -0.006 min
Response: 207357107
Conc: 39.63 ng/ml



#3 AR-1016-1

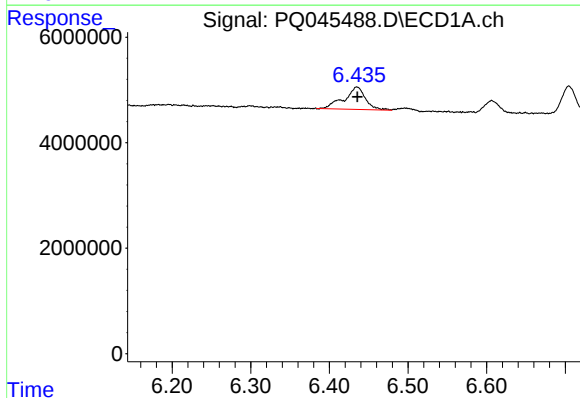
R.T.: 6.435 min
Delta R.T.: 0.022 min
Response: 7996826
Conc: 64.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0BM4



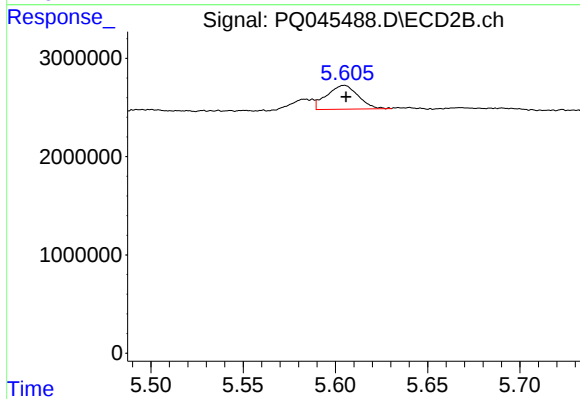
#3 AR-1016-1

R.T.: 5.584 min
Delta R.T.: -0.003 min
Response: 860697
Conc: 12.37 ng/ml



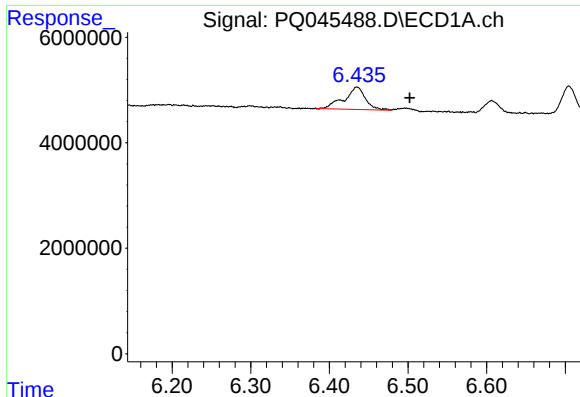
#4 AR-1016-2

R.T.: 6.435 min
Delta R.T.: 0.000 min
Response: 7996826
Conc: 40.97 ng/ml



#4 AR-1016-2

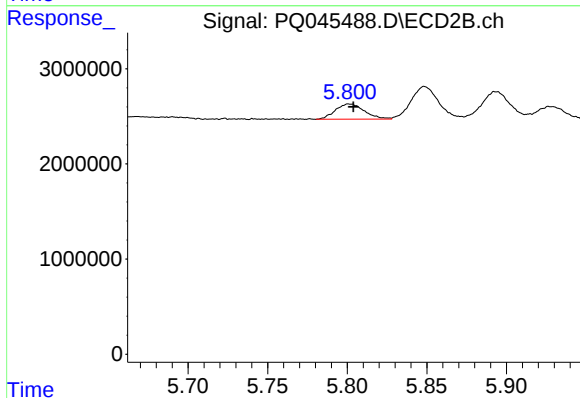
R.T.: 5.605 min
Delta R.T.: -0.001 min
Response: 2869635
Conc: 27.06 ng/ml



#5 AR-1016-3

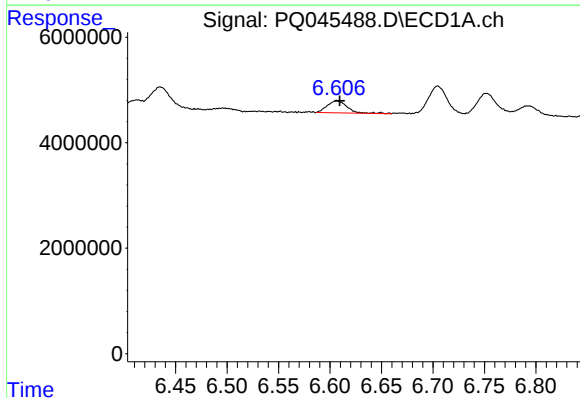
R.T.: 6.435 min
Delta R.T.: -0.067 min
Response: 7996826
Conc: 65.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0BM4



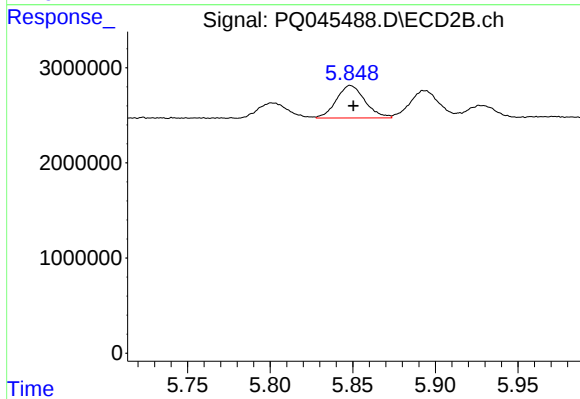
#5 AR-1016-3

R.T.: 5.801 min
Delta R.T.: -0.003 min
Response: 2043496
Conc: 38.51 ng/ml



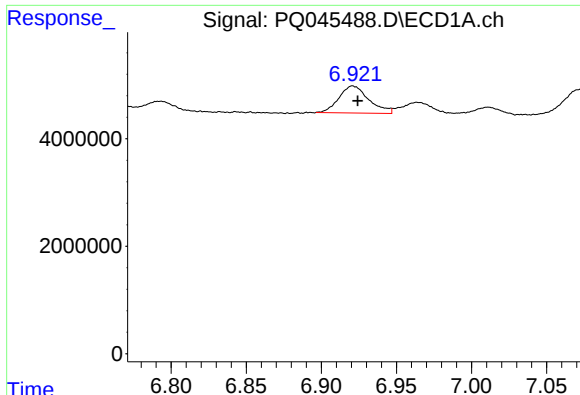
#6 AR-1016-4

R.T.: 6.607 min
Delta R.T.: -0.003 min
Response: 3054745
Conc: 31.61 ng/ml



#6 AR-1016-4

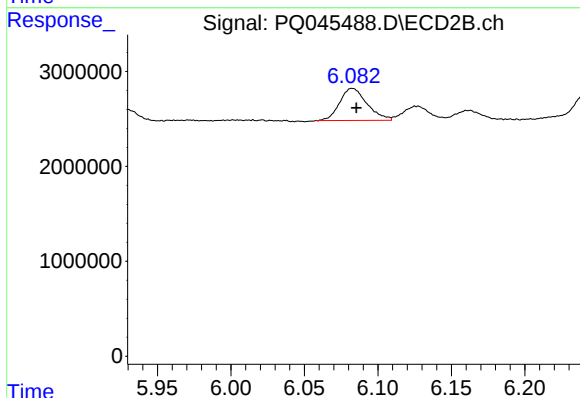
R.T.: 5.848 min
Delta R.T.: -0.002 min
Response: 4114185
Conc: 88.01 ng/ml



#7 AR-1016-5

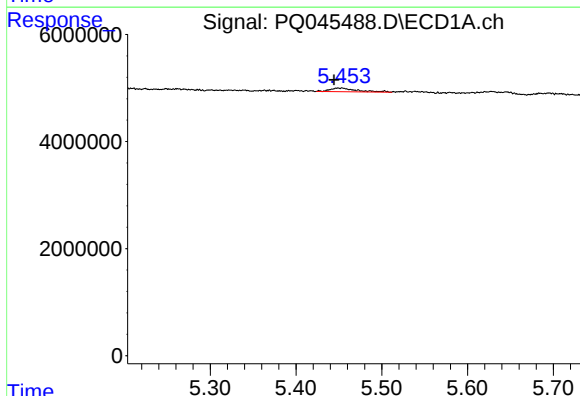
R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 6970960
Conc: 68.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0BM4



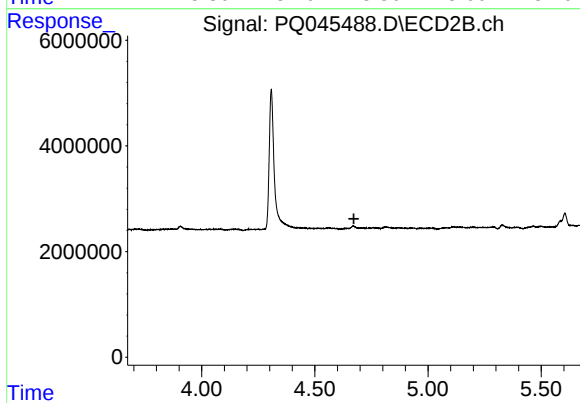
#7 AR-1016-5

R.T.: 6.083 min
Delta R.T.: -0.003 min
Response: 4388389
Conc: 69.20 ng/ml



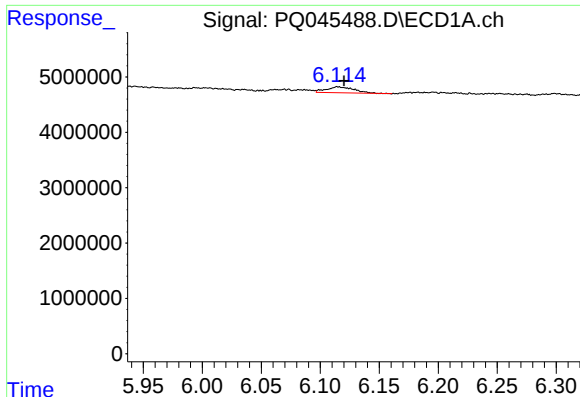
#9 AR-1221-2

R.T.: 5.451 min
Delta R.T.: 0.007 min
Response: 1480160
Conc: 55.78 ng/ml



#9 AR-1221-2

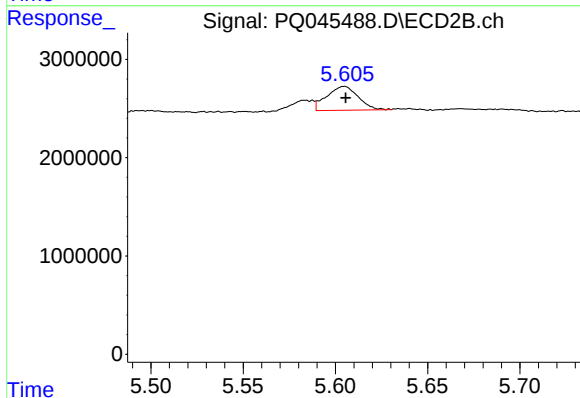
R.T.: 0.000 min
Exp R.T.: 4.672 min
Response: 0
Conc: N.D.



#12 AR-1232-2

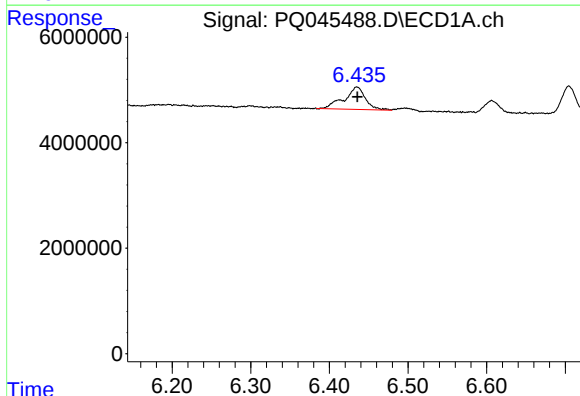
R.T.: 6.116 min
Delta R.T.: -0.004 min
Response: 1798865
Conc: 44.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0BM4



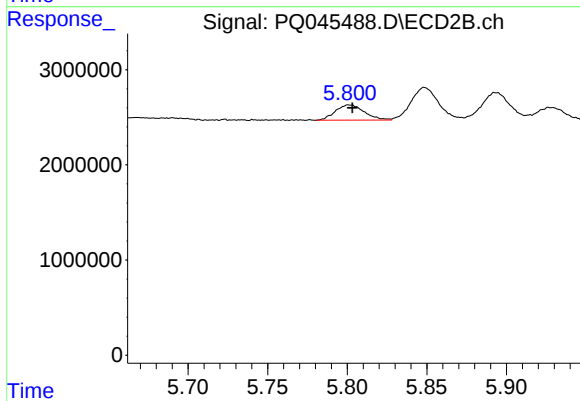
#12 AR-1232-2

R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 2869635
Conc: 64.66 ng/ml



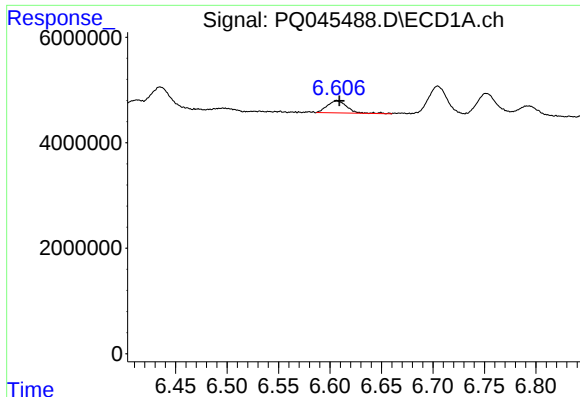
#13 AR-1232-3

R.T.: 6.435 min
Delta R.T.: 0.000 min
Response: 7996826
Conc: 99.28 ng/ml



#13 AR-1232-3

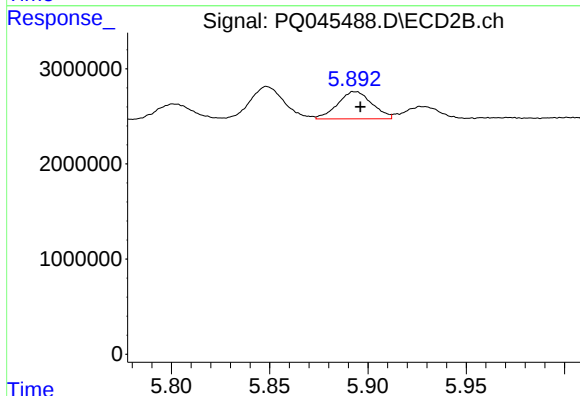
R.T.: 5.801 min
Delta R.T.: -0.003 min
Response: 2043496
Conc: 92.27 ng/ml



#14 AR-1232-4

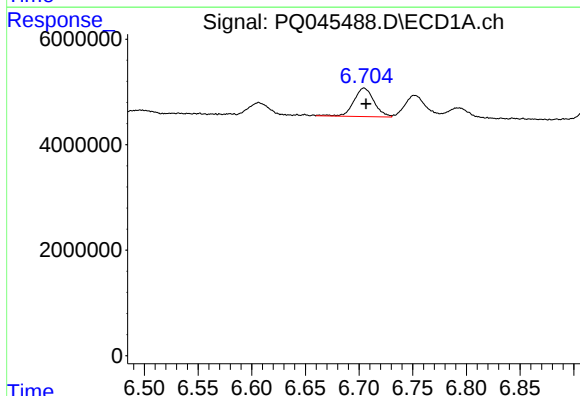
R.T.: 6.607 min
Delta R.T.: -0.002 min
Response: 3054745
Conc: 77.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0BM4



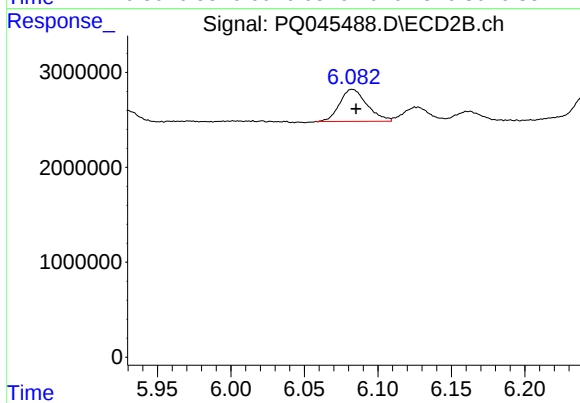
#14 AR-1232-4

R.T.: 5.893 min
Delta R.T.: -0.003 min
Response: 3479285
Conc: 154.18 ng/ml



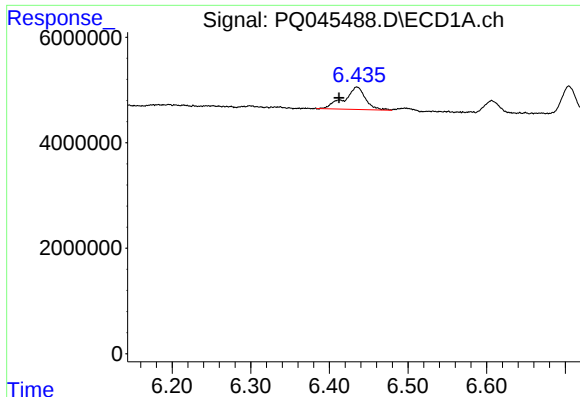
#15 AR-1232-5

R.T.: 6.705 min
Delta R.T.: -0.002 min
Response: 7104519
Conc: 212.80 ng/ml



#15 AR-1232-5

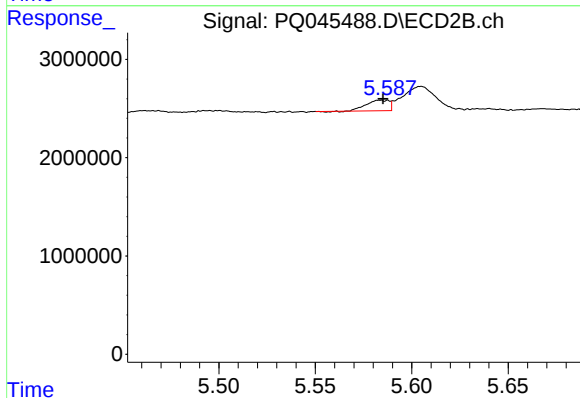
R.T.: 6.083 min
Delta R.T.: -0.002 min
Response: 4388389
Conc: 180.71 ng/ml



#16 AR-1242-1

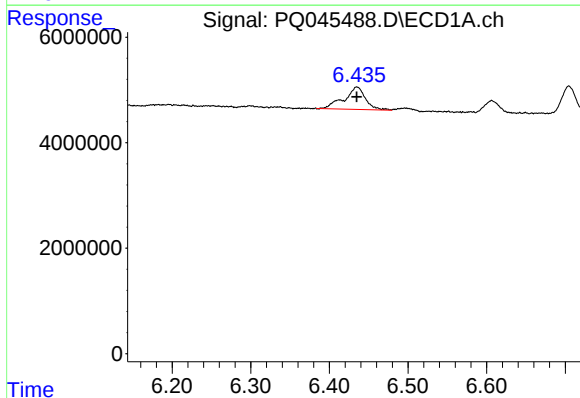
R.T.: 6.435 min
Delta R.T.: 0.023 min
Response: 7996826
Conc: 77.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0BM4



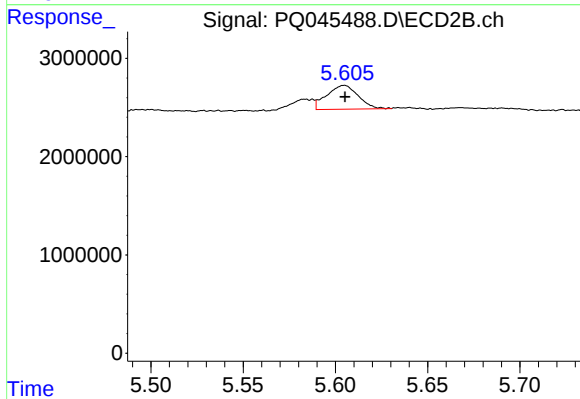
#16 AR-1242-1

R.T.: 5.584 min
Delta R.T.: -0.002 min
Response: 860697
Conc: 14.59 ng/ml



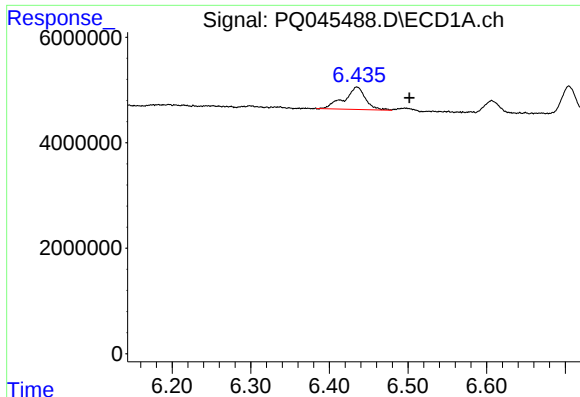
#17 AR-1242-2

R.T.: 6.435 min
Delta R.T.: 0.000 min
Response: 7996826
Conc: 49.03 ng/ml



#17 AR-1242-2

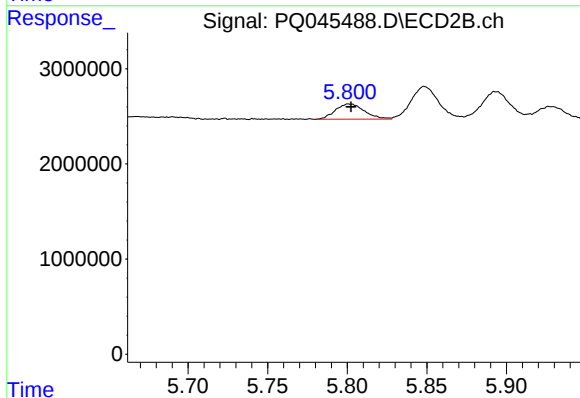
R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 2869635
Conc: 32.73 ng/ml



#18 AR-1242-3

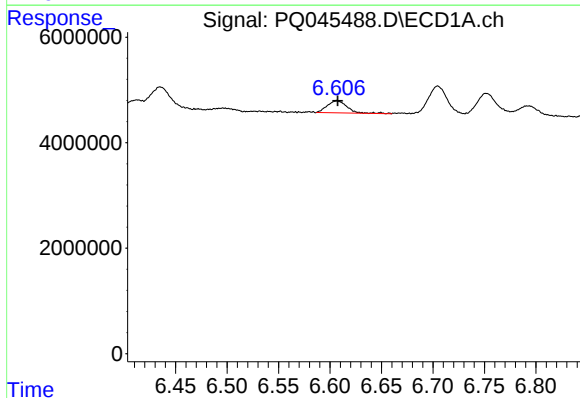
R.T.: 6.435 min
Delta R.T.: -0.067 min
Response: 7996826
Conc: 78.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0BM4



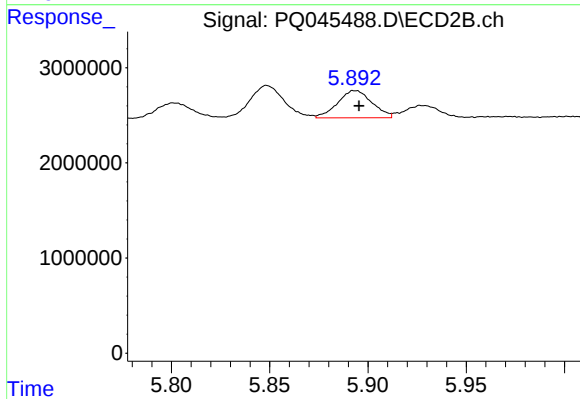
#18 AR-1242-3

R.T.: 5.801 min
Delta R.T.: -0.002 min
Response: 2043496
Conc: 45.35 ng/ml



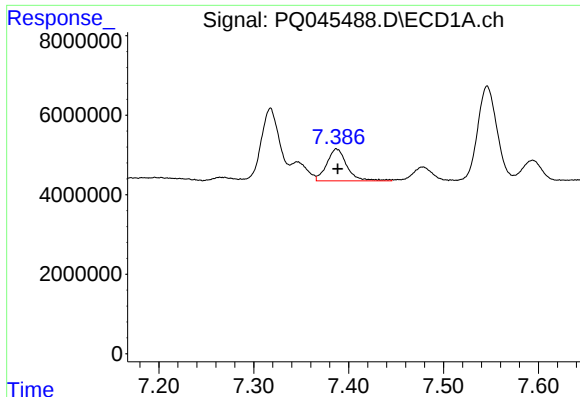
#19 AR-1242-4

R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 3054745
Conc: 38.00 ng/ml



#19 AR-1242-4

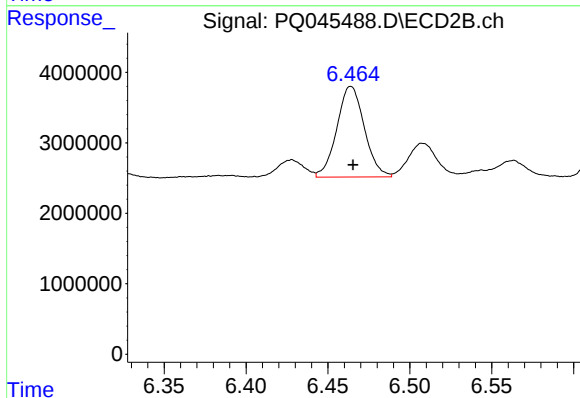
R.T.: 5.893 min
Delta R.T.: -0.003 min
Response: 3479285
Conc: 71.68 ng/ml



#20 AR-1242-5

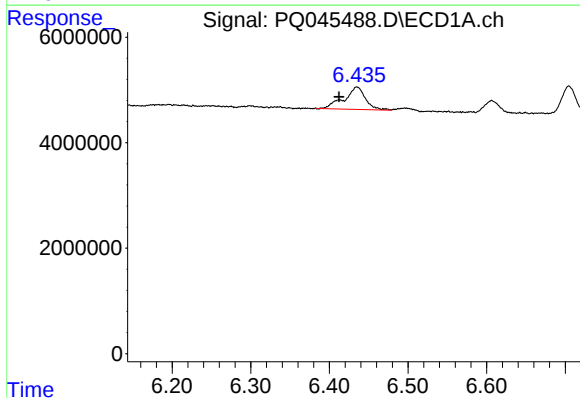
R.T.: 7.387 min
Delta R.T.: -0.001 min
Response: 11850225
Conc: 126.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0BM4



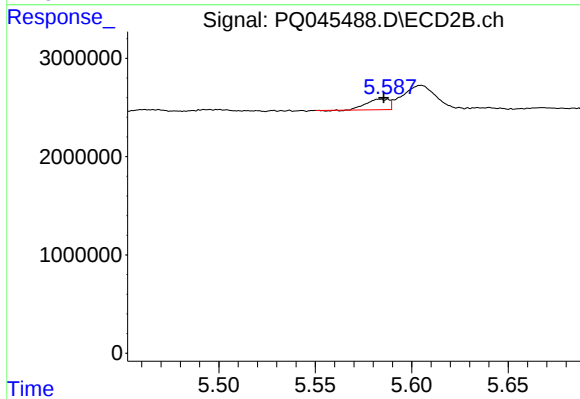
#20 AR-1242-5

R.T.: 6.464 min
Delta R.T.: -0.001 min
Response: 15078505
Conc: 217.28 ng/ml



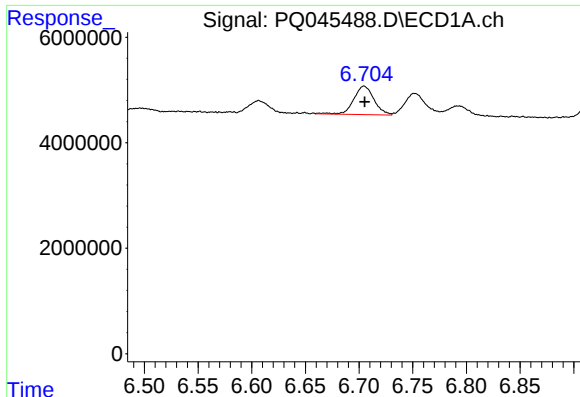
#21 AR-1248-1

R.T.: 6.435 min
Delta R.T.: 0.023 min
Response: 7996826
Conc: 98.69 ng/ml



#21 AR-1248-1

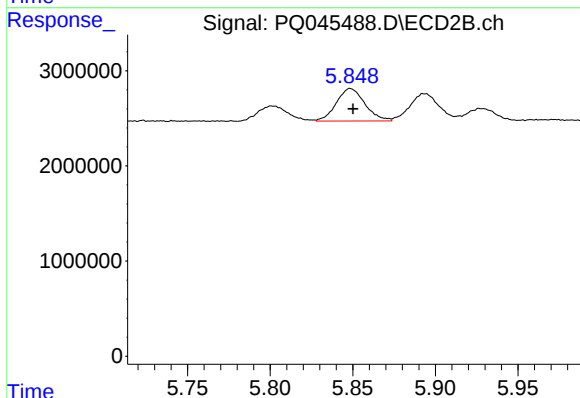
R.T.: 5.584 min
Delta R.T.: -0.002 min
Response: 860697
Conc: 18.60 ng/ml



#22 AR-1248-2

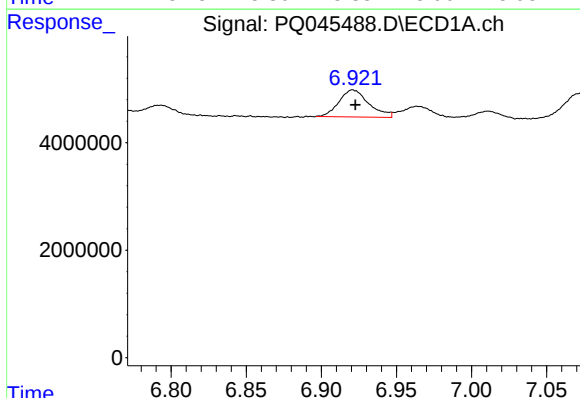
R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 7104519
Conc: 55.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0BM4



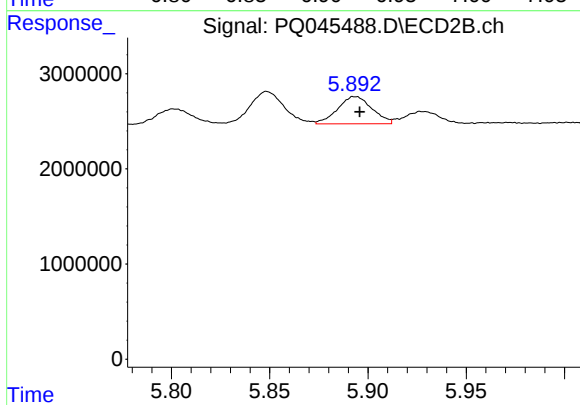
#22 AR-1248-2

R.T.: 5.848 min
Delta R.T.: -0.002 min
Response: 4114185
Conc: 61.04 ng/ml



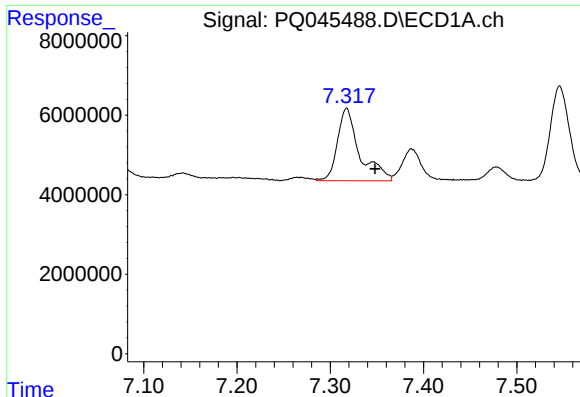
#23 AR-1248-3

R.T.: 6.921 min
Delta R.T.: -0.001 min
Response: 6970960
Conc: 50.06 ng/ml



#23 AR-1248-3

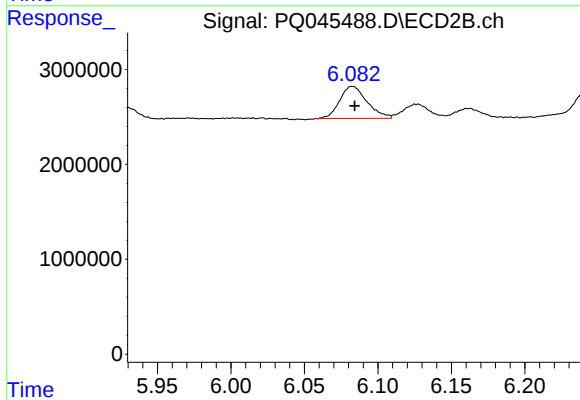
R.T.: 5.893 min
Delta R.T.: -0.003 min
Response: 3479285
Conc: 48.99 ng/ml



#24 AR-1248-4

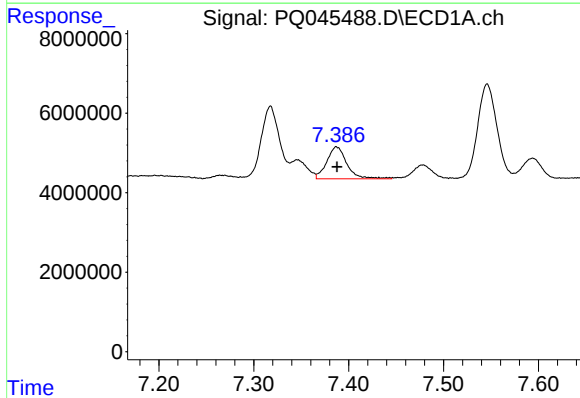
R.T.: 7.317 min
Delta R.T.: -0.030 min
Response: 30027158
Conc: 184.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0BM4



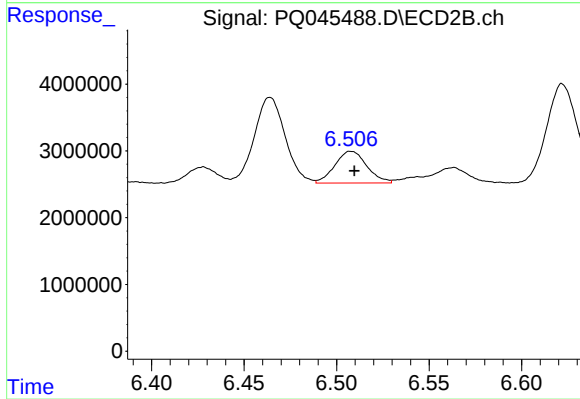
#24 AR-1248-4

R.T.: 6.083 min
Delta R.T.: -0.002 min
Response: 4388389
Conc: 50.46 ng/ml



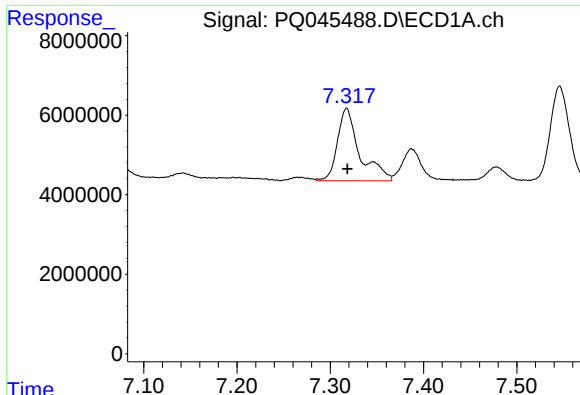
#25 AR-1248-5

R.T.: 7.387 min
Delta R.T.: 0.000 min
Response: 11850225
Conc: 75.65 ng/ml



#25 AR-1248-5

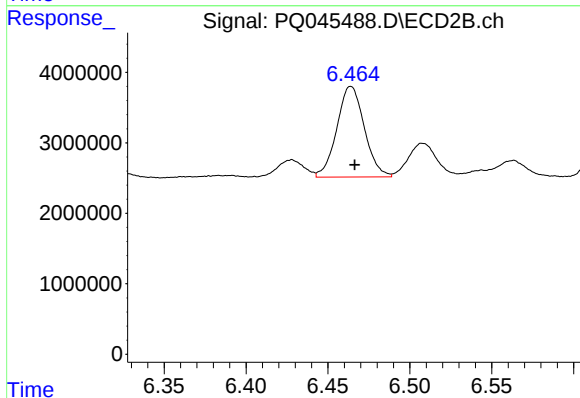
R.T.: 6.507 min
Delta R.T.: -0.002 min
Response: 5724450
Conc: 60.55 ng/ml



#26 AR-1254-1

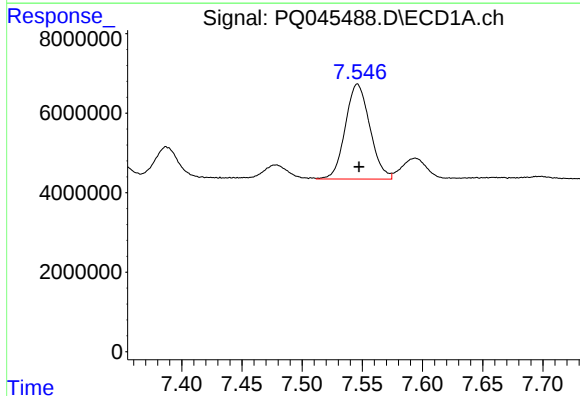
R.T.: 7.317 min
Delta R.T.: 0.000 min
Response: 30027158
Conc: 182.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0BM4



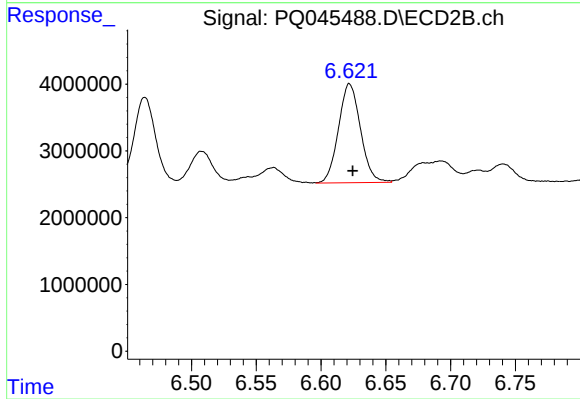
#26 AR-1254-1

R.T.: 6.464 min
Delta R.T.: -0.002 min
Response: 15078505
Conc: 103.90 ng/ml



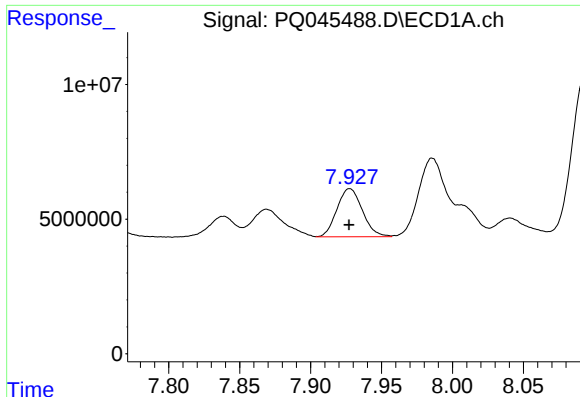
#27 AR-1254-2

R.T.: 7.546 min
Delta R.T.: -0.001 min
Response: 33875145
Conc: 129.24 ng/ml



#27 AR-1254-2

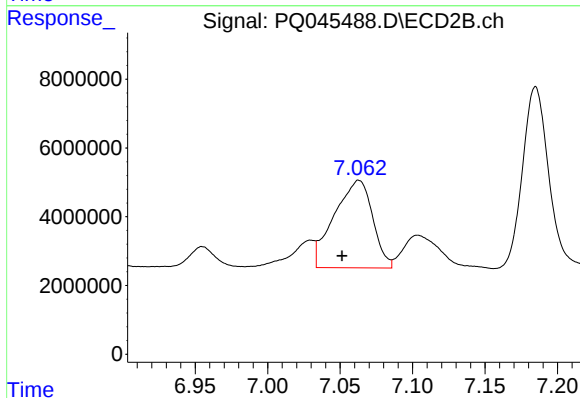
R.T.: 6.622 min
Delta R.T.: -0.003 min
Response: 17528112
Conc: 131.01 ng/ml



#28 AR-1254-3

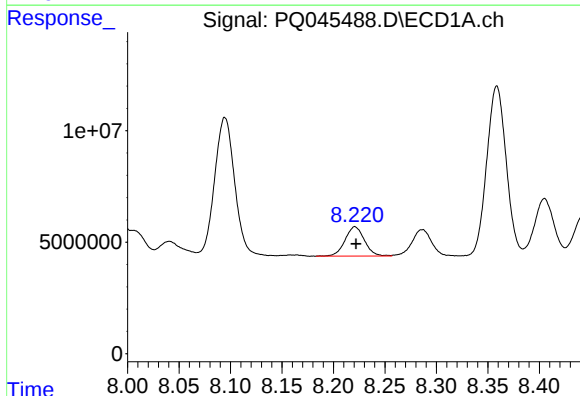
R.T.: 7.928 min
Delta R.T.: 0.000 min
Response: 22262128
Conc: 77.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0BM4



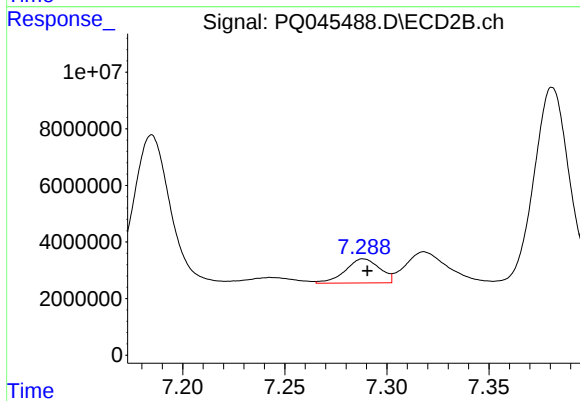
#28 AR-1254-3

R.T.: 7.063 min
Delta R.T.: 0.011 min
Response: 46880400
Conc: 195.58 ng/ml



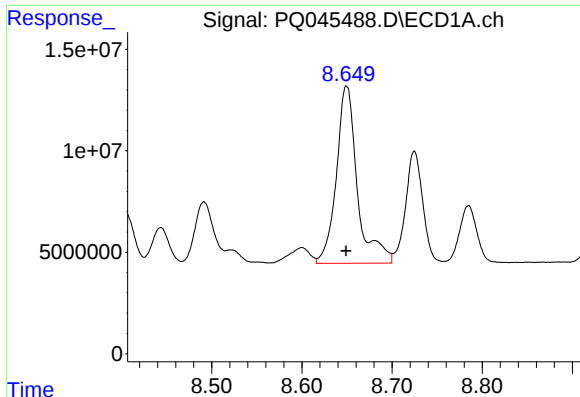
#29 AR-1254-4

R.T.: 8.221 min
Delta R.T.: -0.001 min
Response: 17302963
Conc: 79.85 ng/ml



#29 AR-1254-4

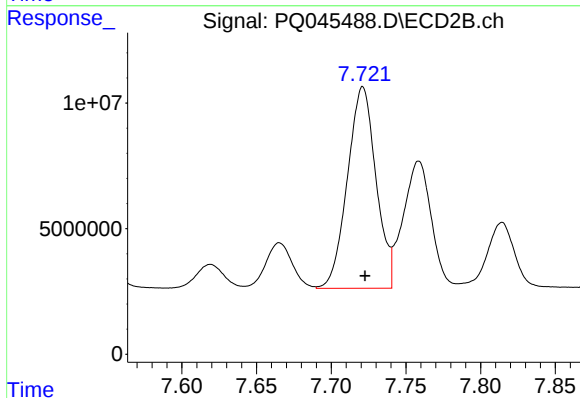
R.T.: 7.288 min
Delta R.T.: -0.002 min
Response: 10029554
Conc: 60.07 ng/ml



#30 AR-1254-5

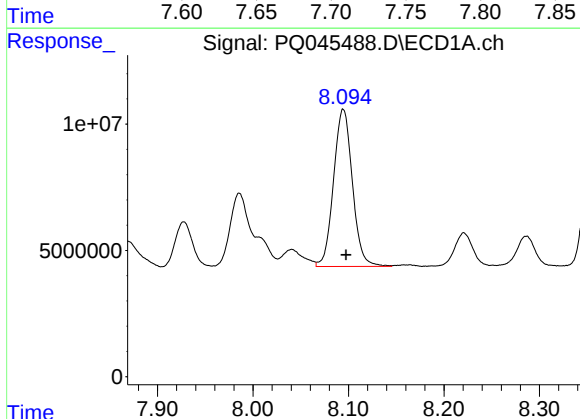
R.T.: 8.650 min
Delta R.T.: 0.000 min
Response: 141691326
Conc: 575.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0BM4



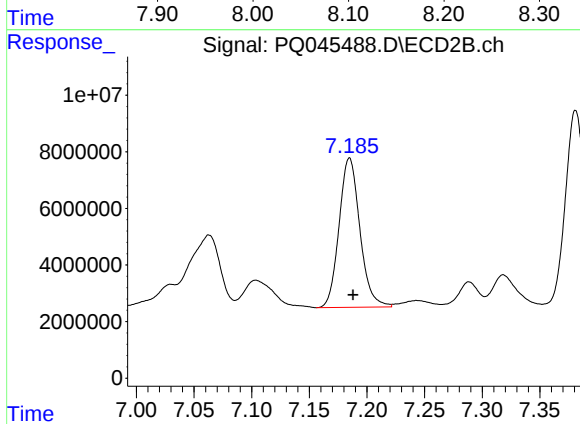
#30 AR-1254-5

R.T.: 7.721 min
Delta R.T.: -0.002 min
Response: 106831861
Conc: 414.59 ng/ml



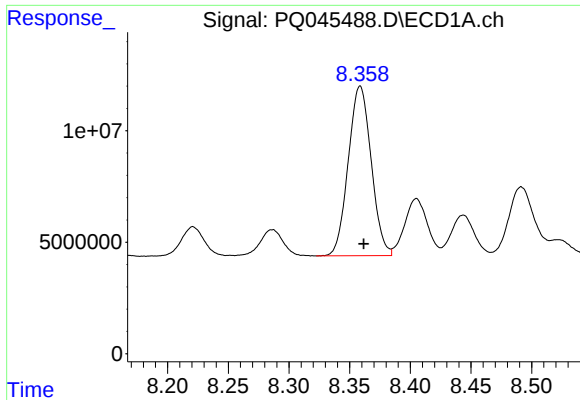
#31 AR-1260-1

R.T.: 8.095 min
Delta R.T.: -0.003 min
Response: 85232737
Conc: 398.95 ng/ml



#31 AR-1260-1

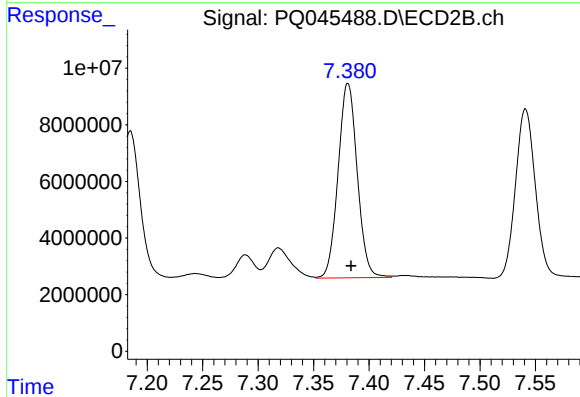
R.T.: 7.185 min
Delta R.T.: -0.003 min
Response: 66363111
Conc: 433.54 ng/ml



#32 AR-1260-2

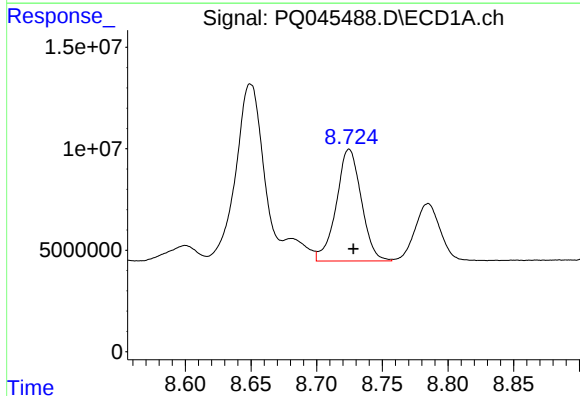
R.T.: 8.359 min
Delta R.T.: -0.003 min
Response: 100085396
Conc: 410.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0BM4



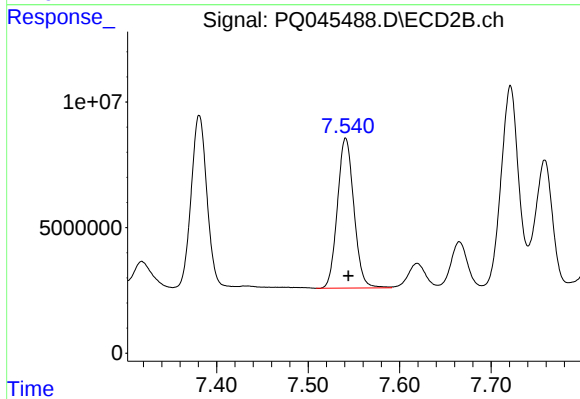
#32 AR-1260-2

R.T.: 7.381 min
Delta R.T.: -0.003 min
Response: 82676341
Conc: 413.88 ng/ml



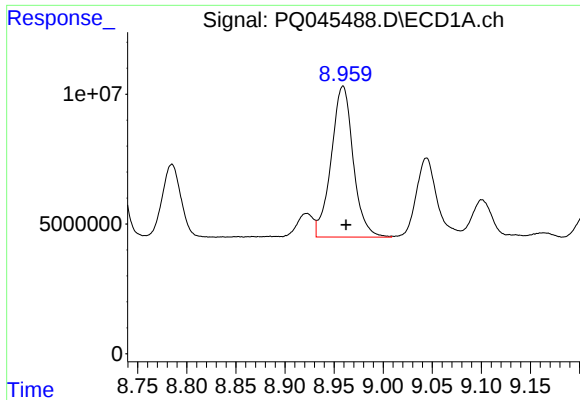
#33 AR-1260-3

R.T.: 8.725 min
Delta R.T.: -0.003 min
Response: 73037372
Conc: 368.43 ng/ml



#33 AR-1260-3

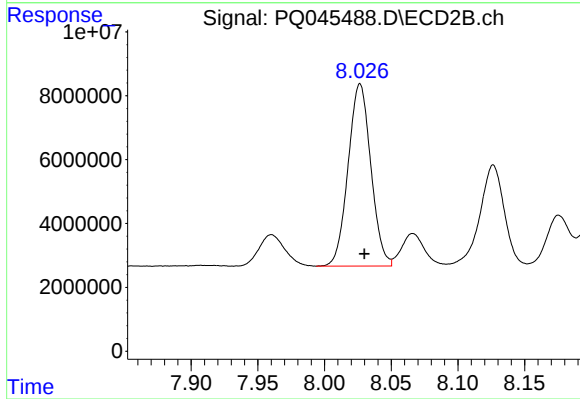
R.T.: 7.541 min
Delta R.T.: -0.003 min
Response: 74830037
Conc: 406.71 ng/ml



#34 AR-1260-4

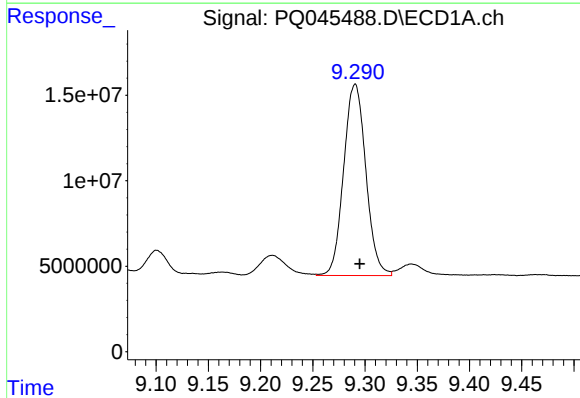
R.T.: 8.959 min
Delta R.T.: -0.003 min
Response: 90540151
Conc: 396.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0BM4



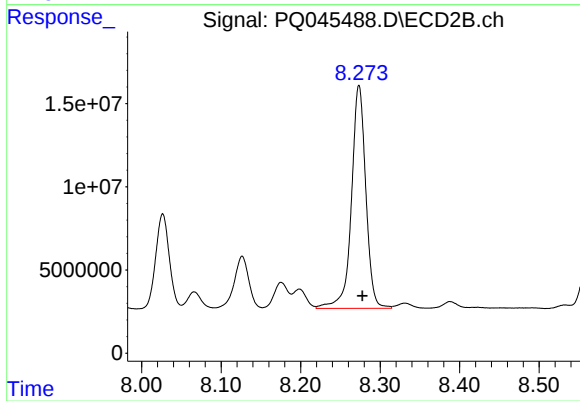
#34 AR-1260-4

R.T.: 8.027 min
Delta R.T.: -0.003 min
Response: 67753949
Conc: 373.44 ng/ml



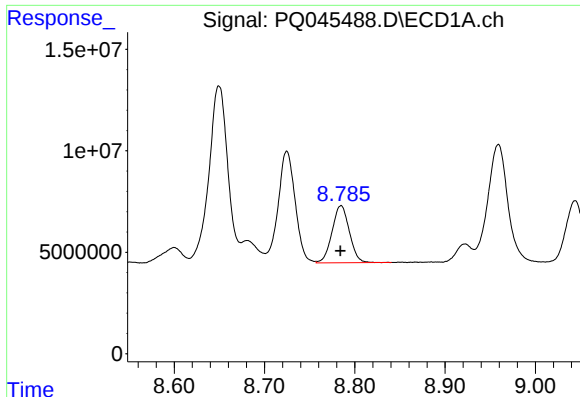
#35 AR-1260-5

R.T.: 9.290 min
Delta R.T.: -0.005 min
Response: 165621492
Conc: 318.27 ng/ml



#35 AR-1260-5

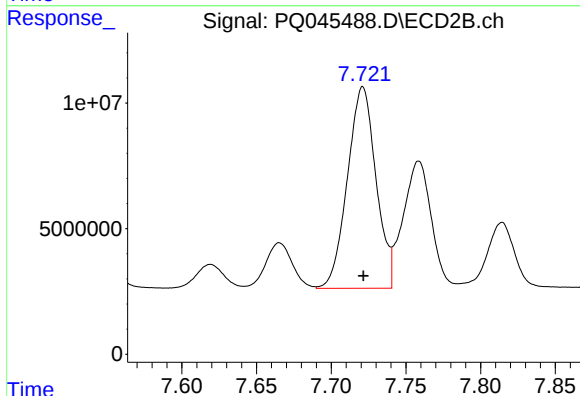
R.T.: 8.273 min
Delta R.T.: -0.005 min
Response: 168598426
Conc: 329.53 ng/ml



#36 AR-1262-1

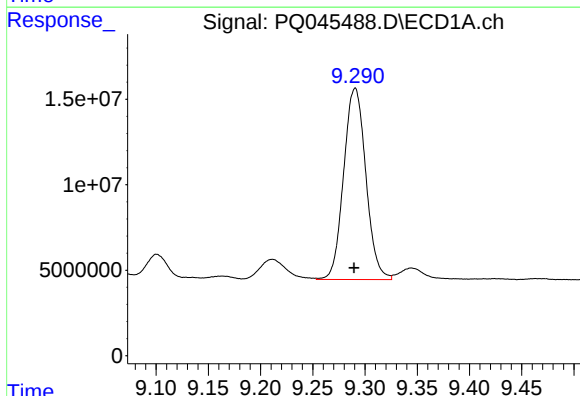
R.T.: 8.785 min
Delta R.T.: 0.000 min
Response: 37444543
Conc: 270.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0BM4



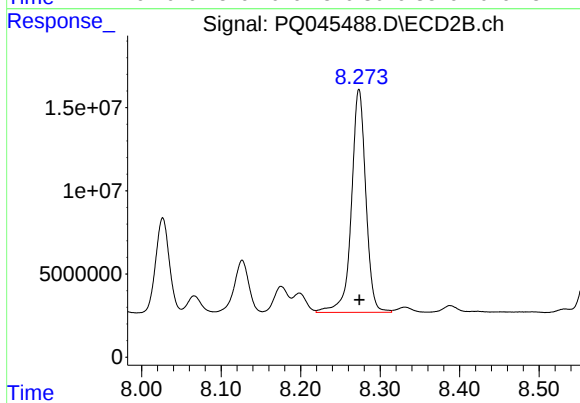
#36 AR-1262-1

R.T.: 7.721 min
Delta R.T.: 0.000 min
Response: 106831861
Conc: 732.34 ng/ml



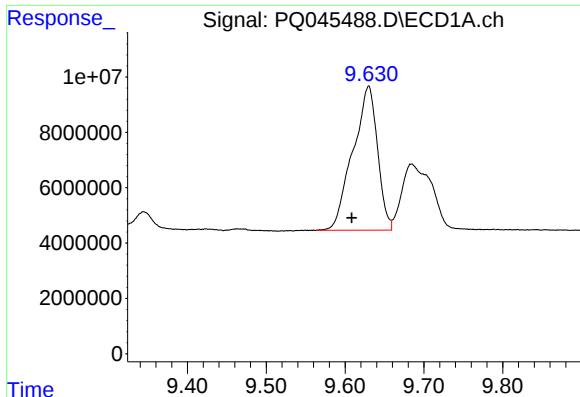
#37 AR-1262-2

R.T.: 9.290 min
Delta R.T.: 0.000 min
Response: 165621492
Conc: 255.50 ng/ml



#37 AR-1262-2

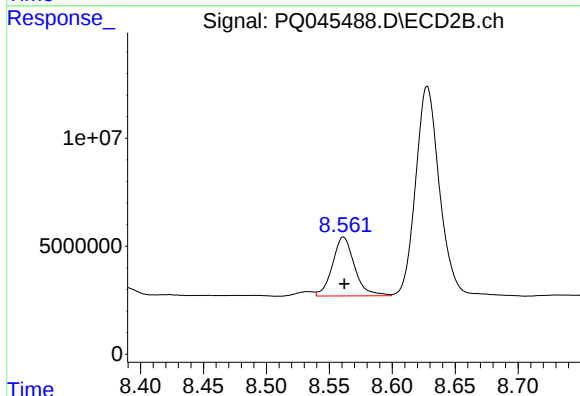
R.T.: 8.273 min
Delta R.T.: 0.000 min
Response: 168598426
Conc: 259.13 ng/ml



#38 AR-1262-3

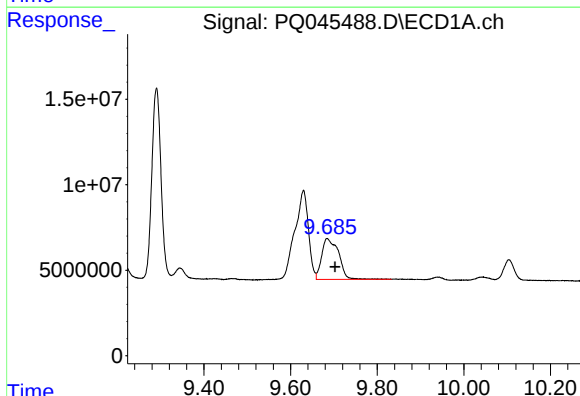
R.T.: 9.630 min
Delta R.T.: 0.021 min
Response: 113292857
Conc: 247.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0BM4



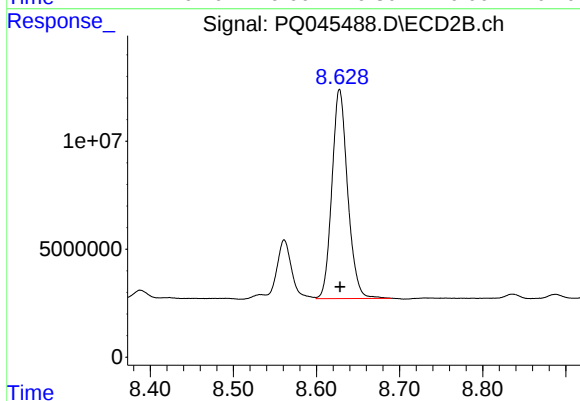
#38 AR-1262-3

R.T.: 8.561 min
Delta R.T.: 0.000 min
Response: 33420171
Conc: 125.45 ng/ml



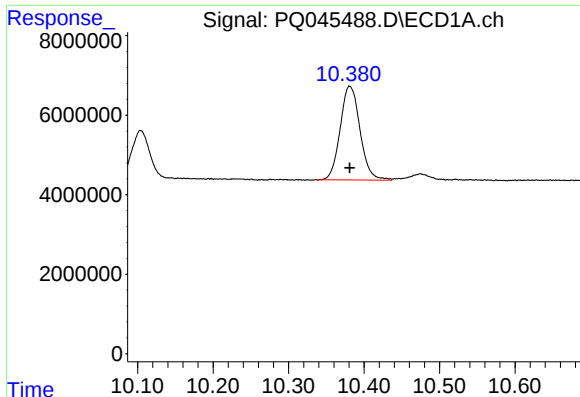
#39 AR-1262-4

R.T.: 9.685 min
Delta R.T.: -0.018 min
Response: 64395135
Conc: 176.63 ng/ml



#39 AR-1262-4

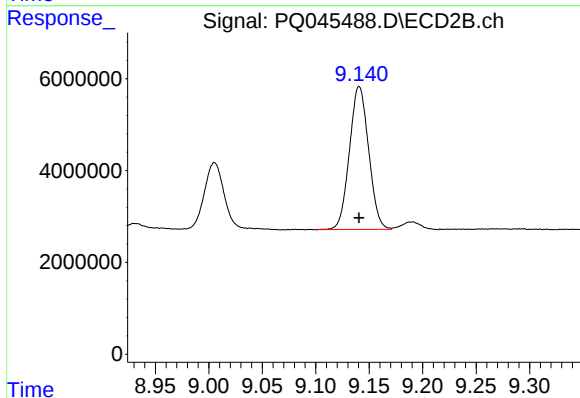
R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 127566976
Conc: 243.68 ng/ml



#40 AR-1262-5

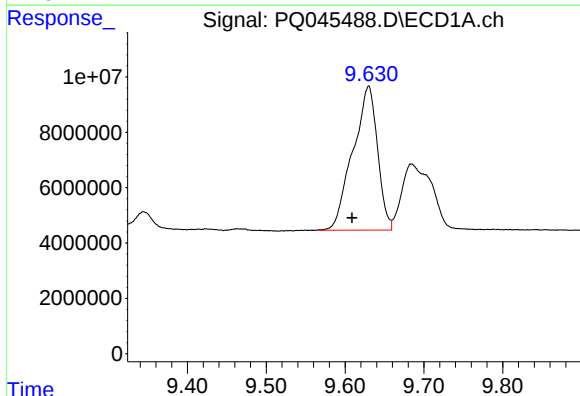
R.T.: 10.381 min
Delta R.T.: 0.000 min
Response: 43052449
Conc: 151.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0BM4



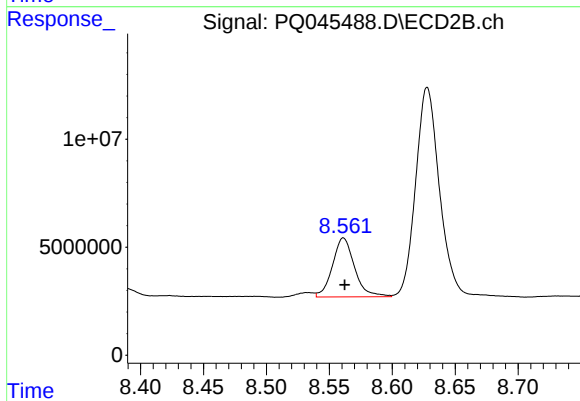
#40 AR-1262-5

R.T.: 9.141 min
Delta R.T.: 0.000 min
Response: 39003753
Conc: 141.83 ng/ml



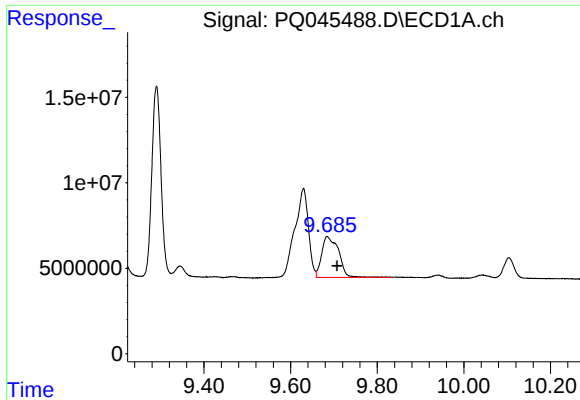
#41 AR-1268-1

R.T.: 9.630 min
Delta R.T.: 0.021 min
Response: 113292857
Conc: 134.07 ng/ml



#41 AR-1268-1

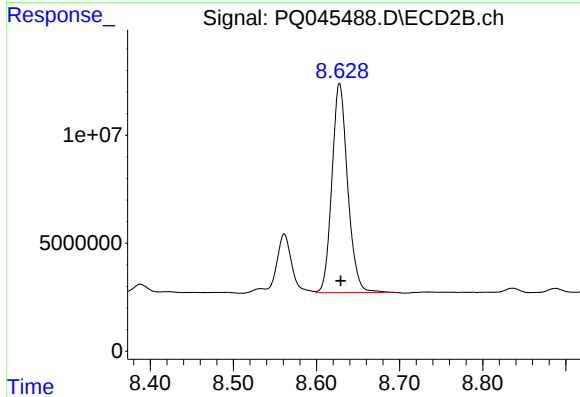
R.T.: 8.561 min
Delta R.T.: 0.000 min
Response: 33420171
Conc: 41.61 ng/ml



#42 AR-1268-2

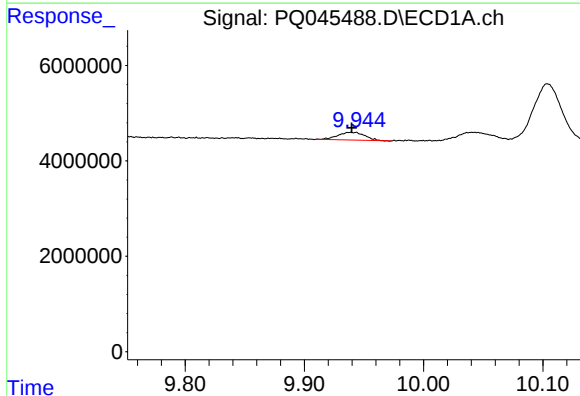
R.T.: 9.685 min
Delta R.T.: -0.022 min
Response: 64395135
Conc: 77.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0BM4



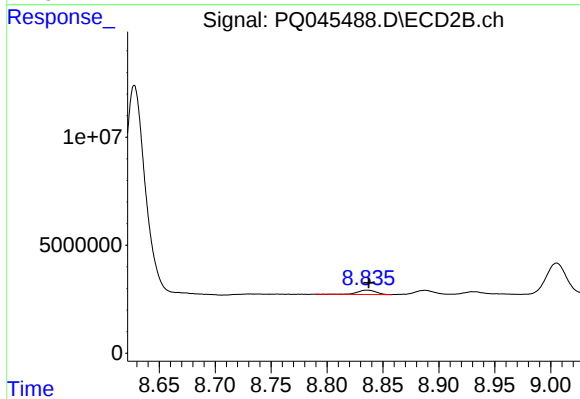
#42 AR-1268-2

R.T.: 8.628 min
Delta R.T.: -0.001 min
Response: 127566976
Conc: 167.72 ng/ml



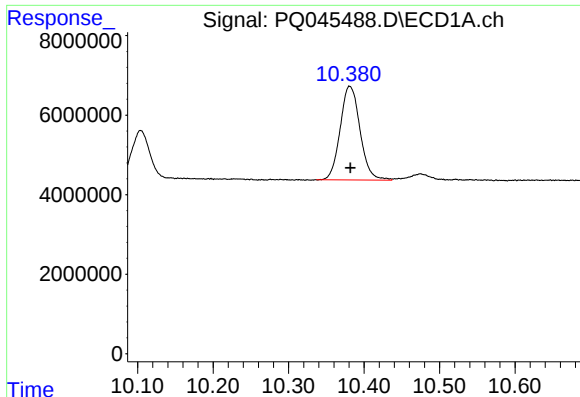
#43 AR-1268-3

R.T.: 9.940 min
Delta R.T.: 0.000 min
Response: 2539862
Conc: 3.62 ng/ml



#43 AR-1268-3

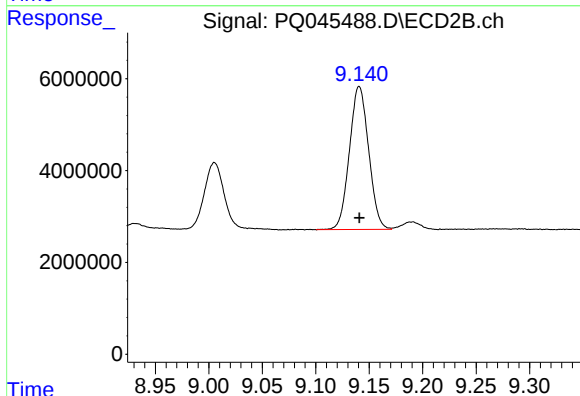
R.T.: 8.836 min
Delta R.T.: -0.001 min
Response: 2286608
Conc: 3.66 ng/ml



#44 AR-1268-4

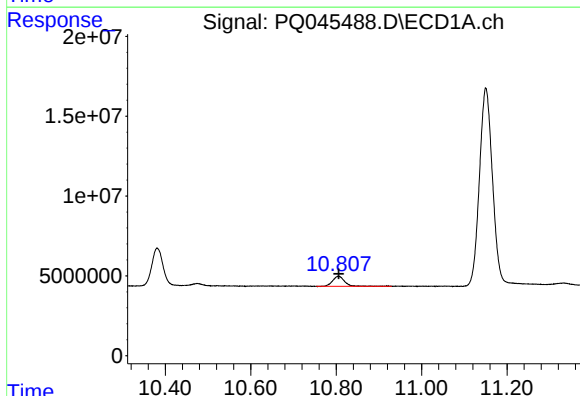
R.T.: 10.381 min
Delta R.T.: 0.000 min
Response: 43052449
Conc: 130.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0BM4



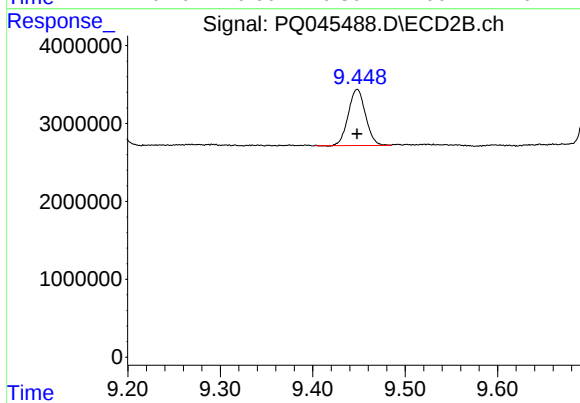
#44 AR-1268-4

R.T.: 9.141 min
Delta R.T.: 0.000 min
Response: 39003753
Conc: 122.56 ng/ml



#45 AR-1268-5

R.T.: 10.805 min
Delta R.T.: 0.000 min
Response: 12229905
Conc: 4.54 ng/ml



#45 AR-1268-5

R.T.: 9.448 min
Delta R.T.: 0.000 min
Response: 9339192
Conc: 3.87 ng/ml