

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100418\
 Data File : PQ032637.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2018 19:32
 Operator : SM\SJ
 Sample : J5230-08MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 03:32:47 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092618CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 27 08:45:59 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.587	3.866	41522577	31033495	27.001	26.894
2)	SA Decachlor...	10.438	8.932	73813553	62365332	31.918	31.166
Target Compounds							
3)	L1 AR-1016-1	5.764	4.981	31580156	34569081	518.417	672.240 #
4)	L1 AR-1016-2	5.787	4.981	48314577	34569081	526.479	471.153
5)	L1 AR-1016-3	5.850	5.160	29387190	18186858	513.803	507.914
6)	L1 AR-1016-4	5.950	5.198	24850543	14934276	531.003	460.194
7)	L1 AR-1016-5	6.244	5.414	21870902	16231303	436.090	372.338
8)	L2 AR-1221-1	4.793	4.078	2132752	1639579	146.791	140.614
9)	L2 AR-1221-2	4.885	4.168	3251615	2060342	305.983	255.573
10)	L2 AR-1221-3	4.962	4.245	15620354	9655768	400.883	315.916
11)	L3 AR-1232-1	4.962	4.245	15620354	9655768	631.008	493.312
12)	L3 AR-1232-2	5.496	4.981	26026321	34569081	1758.448	1406.953
13)	L3 AR-1232-3	5.787	5.160	48314577	18186858	1574.656	1565.678
14)	L3 AR-1232-4	5.950	5.241	24850543	18506551	1615.171	1551.716
15)	L3 AR-1232-5	6.038	5.414	19647771	16231303	1773.246	1172.631 #
16)	L4 AR-1242-1	5.764	4.981	31580156	34569081	640.103	822.906 #
17)	L4 AR-1242-2	5.787	4.981	48314577	34569081	635.839	582.492
18)	L4 AR-1242-3	5.850	5.160	29387190	18186858	618.050	587.480
19)	L4 AR-1242-4	5.950	5.241	24850543	18506551	643.061	551.467
20)	L4 AR-1242-5	6.688	5.767	3753640	16137244	78.685	345.393 #
21)	L5 AR-1248-1	5.764	4.981	31580156	34569081	714.232	912.649 #
22)	L5 AR-1248-2	6.038	5.198	19647771	14934276	293.567	282.561
23)	L5 AR-1248-3	6.244	5.241	21870902	18506551	276.031	336.513
24)	L5 AR-1248-4	6.648	5.414	3634628	16231303	38.803	233.041 #
25)	L5 AR-1248-5	6.688	5.808	3753640	1789064	41.852	24.071 #
26)	L6 AR-1254-1	6.622	5.767	20238312	16137244	210.735	141.594 #
27)	L6 AR-1254-2	6.838	5.913	23767108	18303035	152.891	178.554
28)	L6 AR-1254-3	7.210	6.332	12372079	37175565	70.181	201.128 #
29)	L6 AR-1254-4	7.494	6.574	9528138	11564523	72.656	96.971 #
30)	L6 AR-1254-5	7.914	6.965	77376347	64760258	520.087	384.840 #
31)	L7 AR-1260-1	7.371	6.449	51281719	41073610	433.493	376.217
32)	L7 AR-1260-2	7.626	6.635	61875530	55852496	430.058	412.325
33)	L7 AR-1260-3	7.987	6.792	38489080	46901438	368.489	372.075
34)	L7 AR-1260-4	8.220	7.264	48318008	36493073	385.935	343.036
35)	L7 AR-1260-5	8.551	7.503	95796966	90886954	370.740	342.067
36)	L8 AR-1262-1	7.987	7.001	38489080	37209602	241.202	237.861
37)	L8 AR-1262-2	8.551	7.503	95796966	90886954	322.496	298.915
38)	L8 AR-1262-3	8.895	7.787	55576022	15749735	281.081	136.952 #
39)	L8 AR-1262-4	8.950	7.852	28296368	60411463	193.643	275.171 #
40)	L8 AR-1262-5	9.655	8.357	21463681	15964323	206.368	157.914
41)	L9 AR-1268-1	8.895	7.787	55576022	15749735	121.465	34.838 #

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 Misc :
 ALS Vial : 16 Sample Multiplier: 1

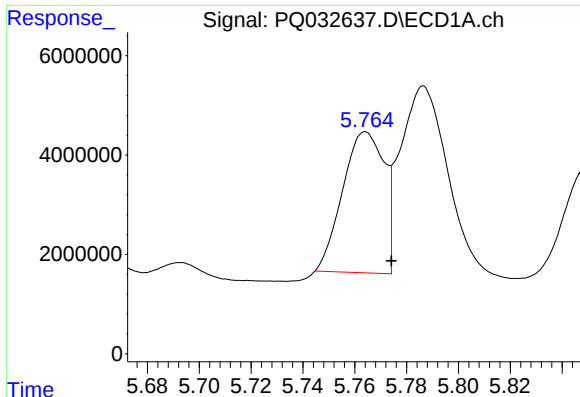
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 03:32:47 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092618CLP.M
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 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	8.950	7.852	28296368	60411463	68.373	148.967 #
43) L9	AR-1268-3	9.208	8.059	1427980	1241392	4.035	3.689
44) L9	AR-1268-4	9.655	8.357	21463681	15964323	140.605	108.211
45) L9	AR-1268-5	10.088	8.664	8132867	5808172	7.190	5.473

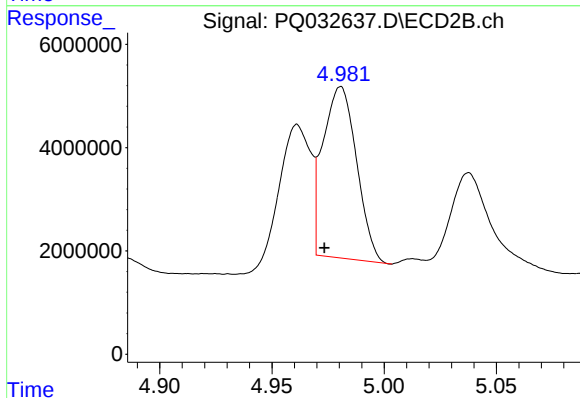
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

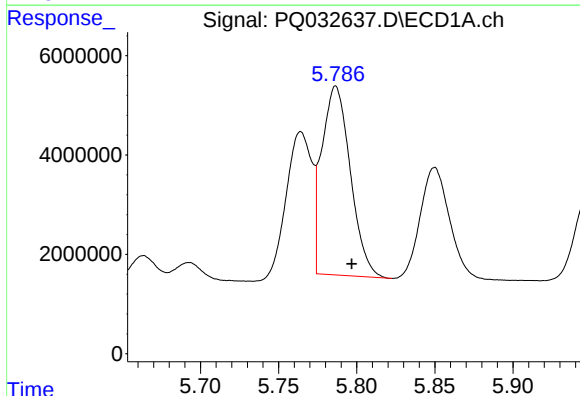
R.T.: 5.764 min
Delta R.T.: -0.010 min
Response: 31580156
Conc: 518.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



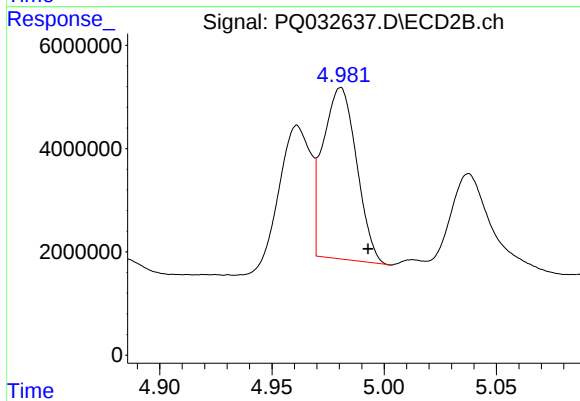
#3 AR-1016-1

R.T.: 4.981 min
Delta R.T.: 0.007 min
Response: 34569081
Conc: 672.24 ng/ml



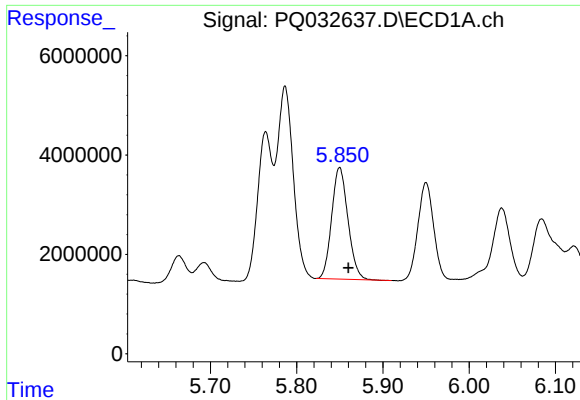
#4 AR-1016-2

R.T.: 5.787 min
Delta R.T.: -0.010 min
Response: 48314577
Conc: 526.48 ng/ml



#4 AR-1016-2

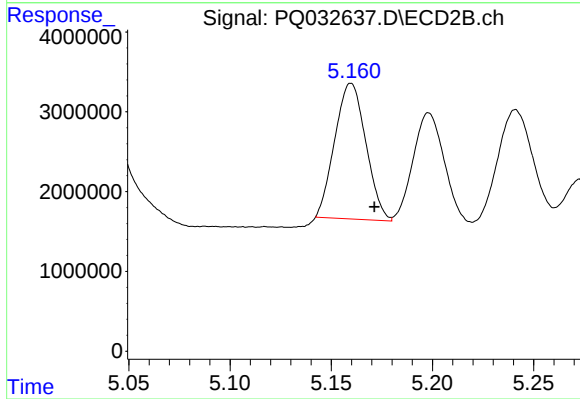
R.T.: 4.981 min
Delta R.T.: -0.012 min
Response: 34569081
Conc: 471.15 ng/ml



#5 AR-1016-3

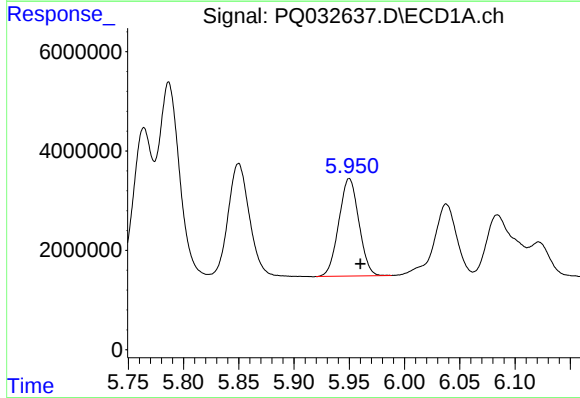
R.T.: 5.850 min
Delta R.T.: -0.010 min
Response: 29387190
Conc: 513.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



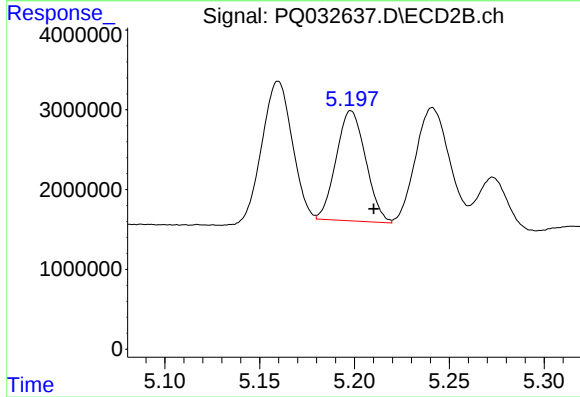
#5 AR-1016-3

R.T.: 5.160 min
Delta R.T.: -0.011 min
Response: 18186858
Conc: 507.91 ng/ml



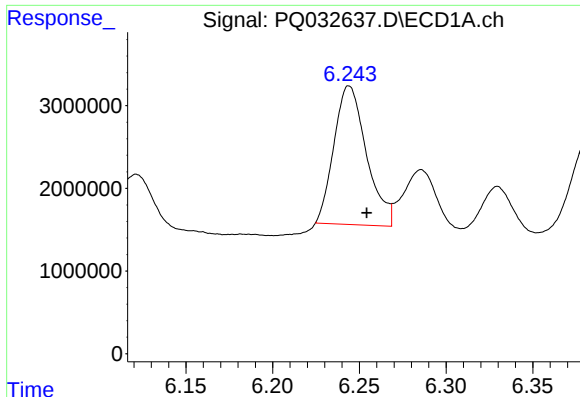
#6 AR-1016-4

R.T.: 5.950 min
Delta R.T.: -0.010 min
Response: 24850543
Conc: 531.00 ng/ml



#6 AR-1016-4

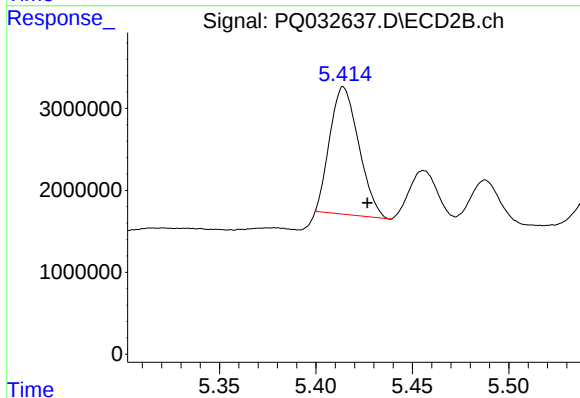
R.T.: 5.198 min
Delta R.T.: -0.012 min
Response: 14934276
Conc: 460.19 ng/ml



#7 AR-1016-5

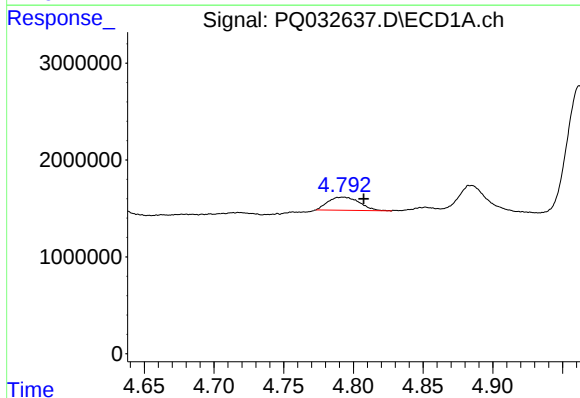
R.T.: 6.244 min
Delta R.T.: -0.010 min
Response: 21870902
Conc: 436.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



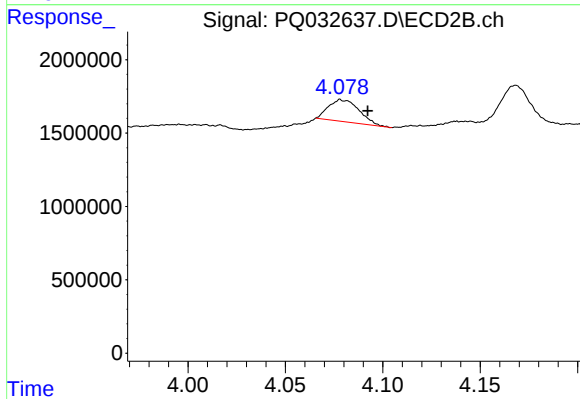
#7 AR-1016-5

R.T.: 5.414 min
Delta R.T.: -0.012 min
Response: 16231303
Conc: 372.34 ng/ml



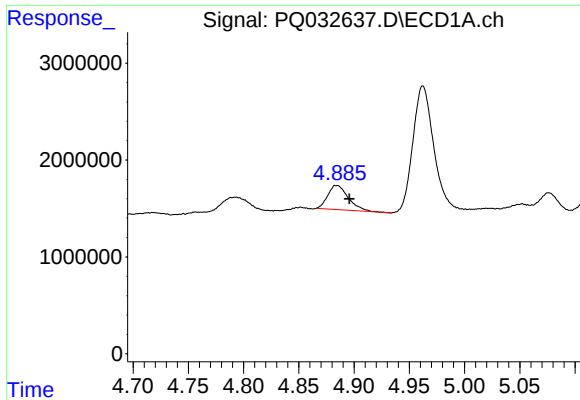
#8 AR-1221-1

R.T.: 4.793 min
Delta R.T.: -0.015 min
Response: 2132752
Conc: 146.79 ng/ml



#8 AR-1221-1

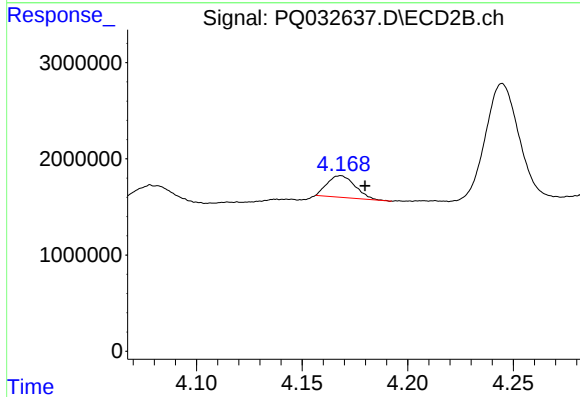
R.T.: 4.078 min
Delta R.T.: -0.014 min
Response: 1639579
Conc: 140.61 ng/ml



#9 AR-1221-2

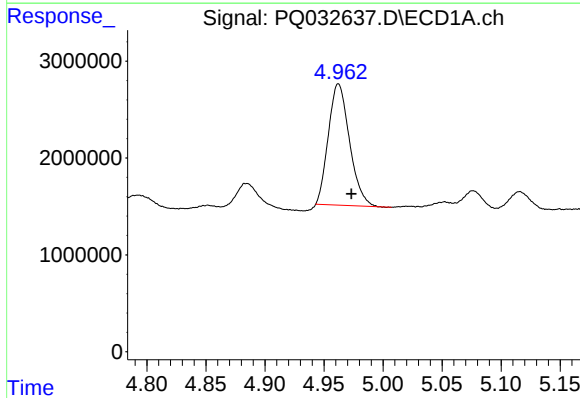
R.T.: 4.885 min
Delta R.T.: -0.011 min
Response: 3251615
Conc: 305.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



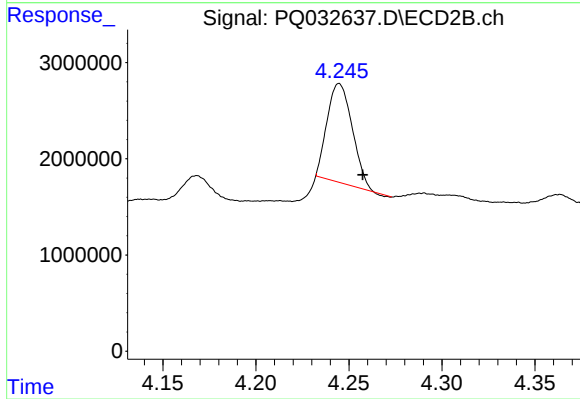
#9 AR-1221-2

R.T.: 4.168 min
Delta R.T.: -0.012 min
Response: 2060342
Conc: 255.57 ng/ml



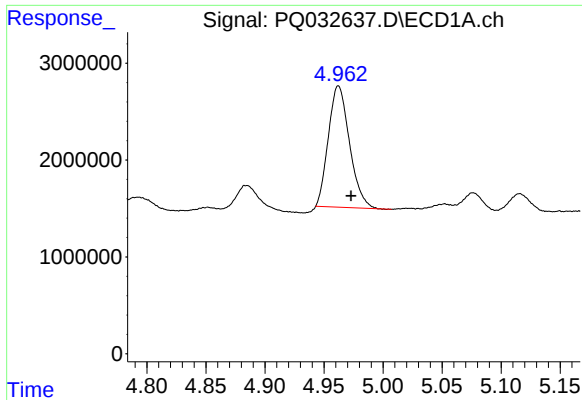
#10 AR-1221-3

R.T.: 4.962 min
Delta R.T.: -0.011 min
Response: 15620354
Conc: 400.88 ng/ml



#10 AR-1221-3

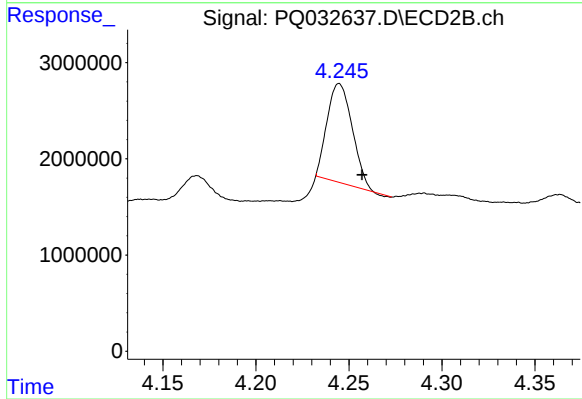
R.T.: 4.245 min
Delta R.T.: -0.013 min
Response: 9655768
Conc: 315.92 ng/ml



#11 AR-1232-1

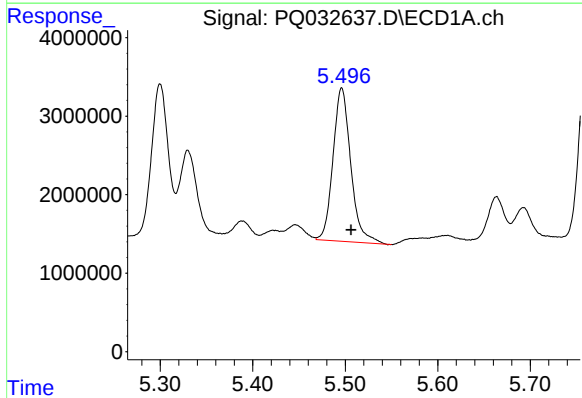
R.T.: 4.962 min
Delta R.T.: -0.011 min
Response: 15620354
Conc: 631.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



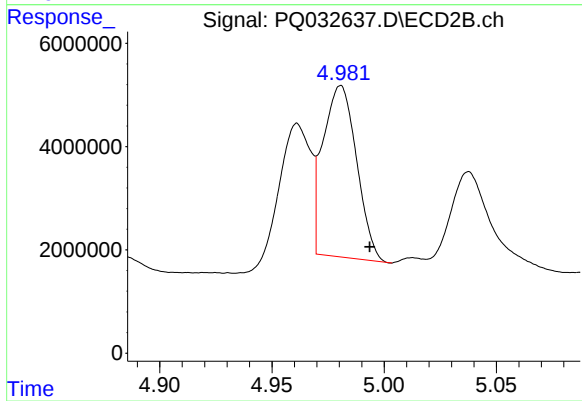
#11 AR-1232-1

R.T.: 4.245 min
Delta R.T.: -0.012 min
Response: 9655768
Conc: 493.31 ng/ml



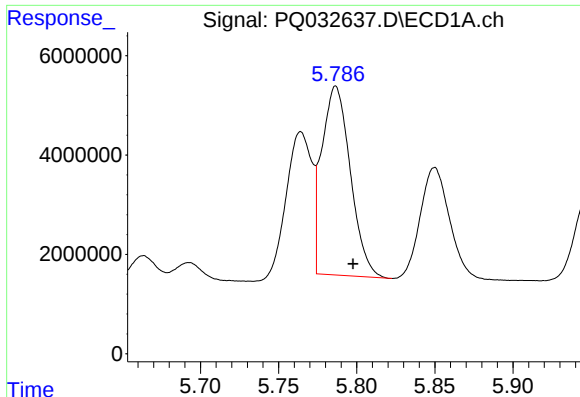
#12 AR-1232-2

R.T.: 5.496 min
Delta R.T.: -0.010 min
Response: 26026321
Conc: 1758.45 ng/ml



#12 AR-1232-2

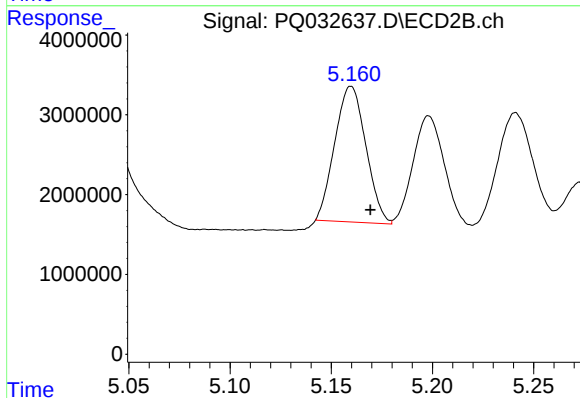
R.T.: 4.981 min
Delta R.T.: -0.013 min
Response: 34569081
Conc: 1406.95 ng/ml



#13 AR-1232-3

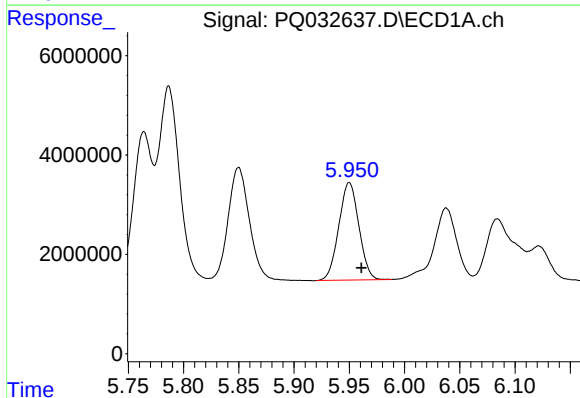
R.T.: 5.787 min
Delta R.T.: -0.011 min
Response: 48314577
Conc: 1574.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



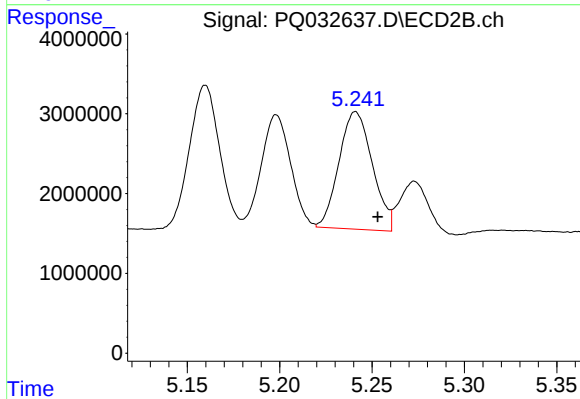
#13 AR-1232-3

R.T.: 5.160 min
Delta R.T.: -0.010 min
Response: 18186858
Conc: 1565.68 ng/ml



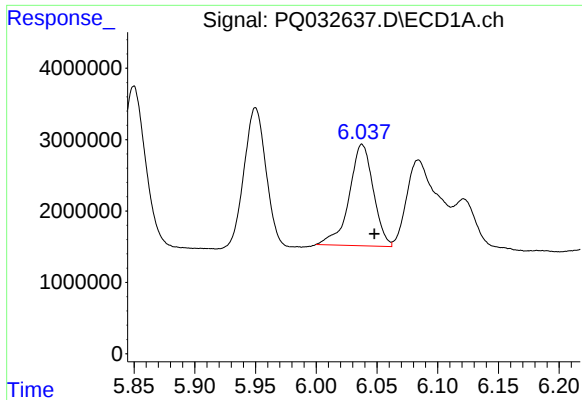
#14 AR-1232-4

R.T.: 5.950 min
Delta R.T.: -0.011 min
Response: 24850543
Conc: 1615.17 ng/ml



#14 AR-1232-4

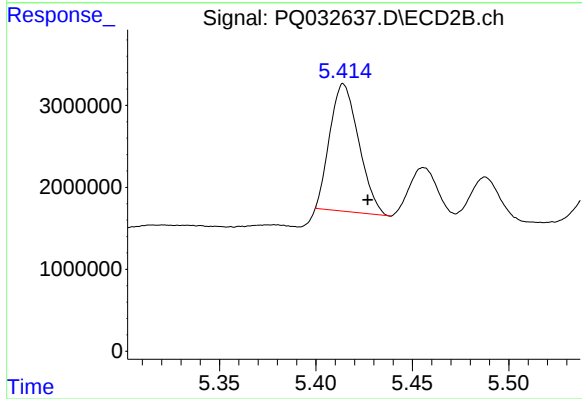
R.T.: 5.241 min
Delta R.T.: -0.012 min
Response: 18506551
Conc: 1551.72 ng/ml



#15 AR-1232-5

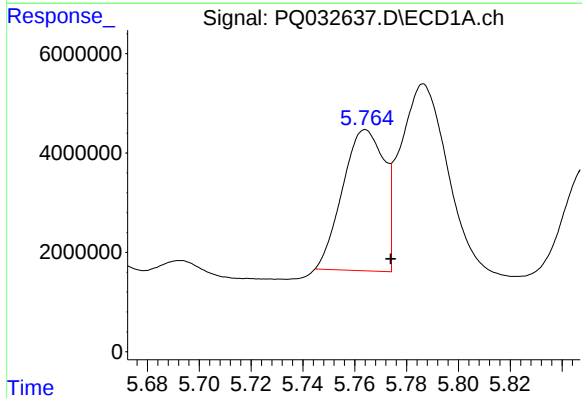
R.T.: 6.038 min
Delta R.T.: -0.010 min
Response: 19647771
Conc: 1773.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



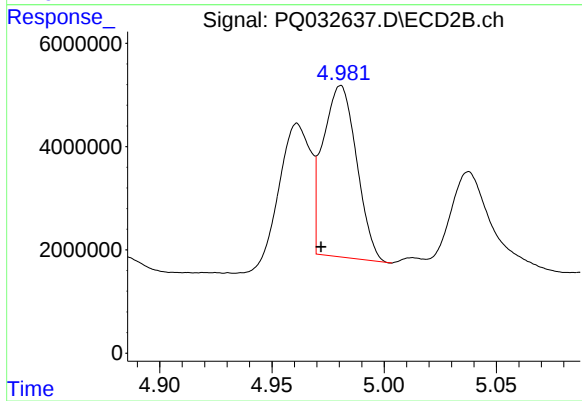
#15 AR-1232-5

R.T.: 5.414 min
Delta R.T.: -0.013 min
Response: 16231303
Conc: 1172.63 ng/ml



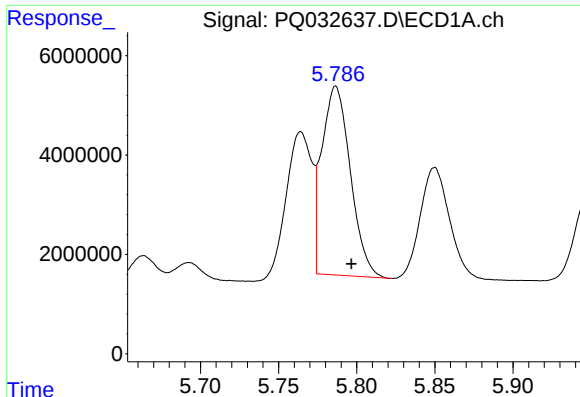
#16 AR-1242-1

R.T.: 5.764 min
Delta R.T.: -0.010 min
Response: 31580156
Conc: 640.10 ng/ml



#16 AR-1242-1

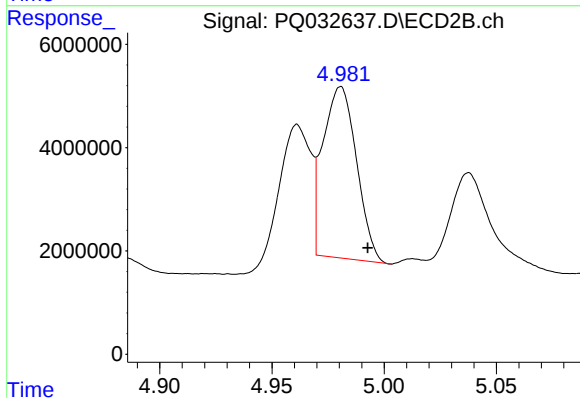
R.T.: 4.981 min
Delta R.T.: 0.009 min
Response: 34569081
Conc: 822.91 ng/ml



#17 AR-1242-2

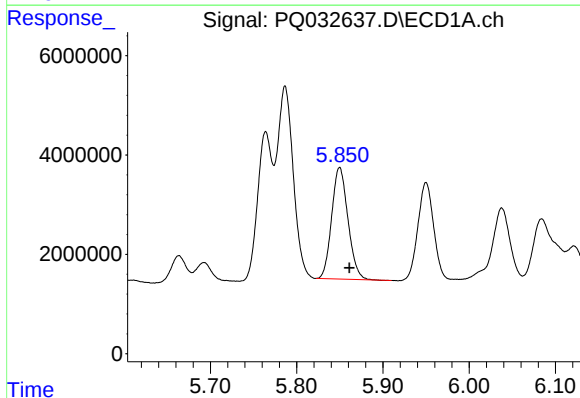
R.T.: 5.787 min
Delta R.T.: -0.010 min
Response: 48314577
Conc: 635.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



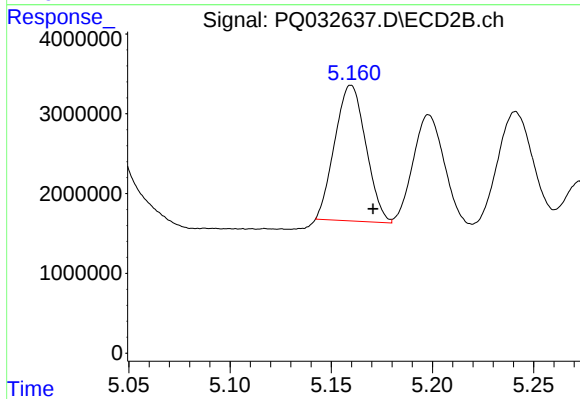
#17 AR-1242-2

R.T.: 4.981 min
Delta R.T.: -0.012 min
Response: 34569081
Conc: 582.49 ng/ml



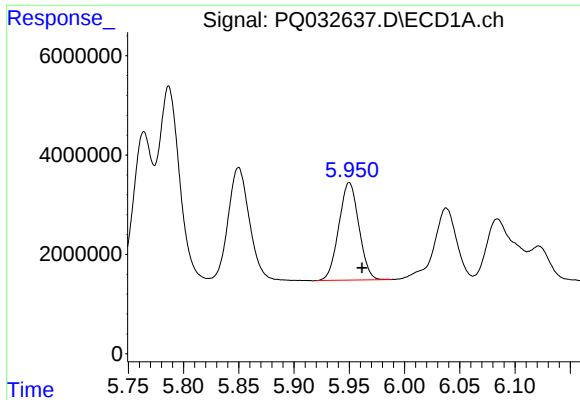
#18 AR-1242-3

R.T.: 5.850 min
Delta R.T.: -0.011 min
Response: 29387190
Conc: 618.05 ng/ml



#18 AR-1242-3

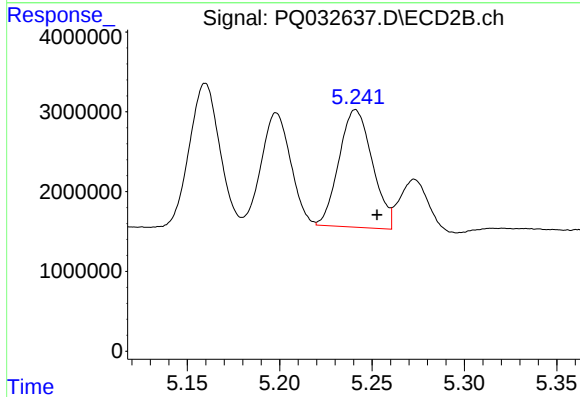
R.T.: 5.160 min
Delta R.T.: -0.011 min
Response: 18186858
Conc: 587.48 ng/ml



#19 AR-1242-4

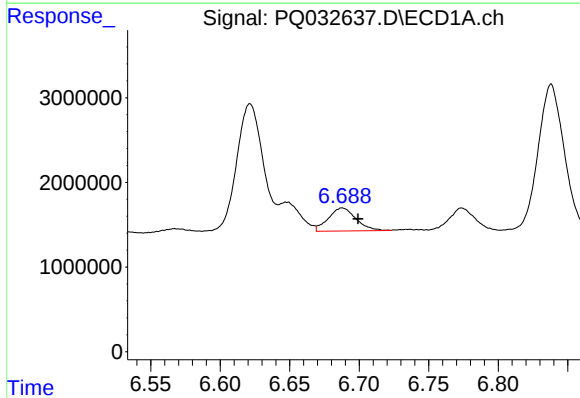
R.T.: 5.950 min
Delta R.T.: -0.012 min
Response: 24850543
Conc: 643.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



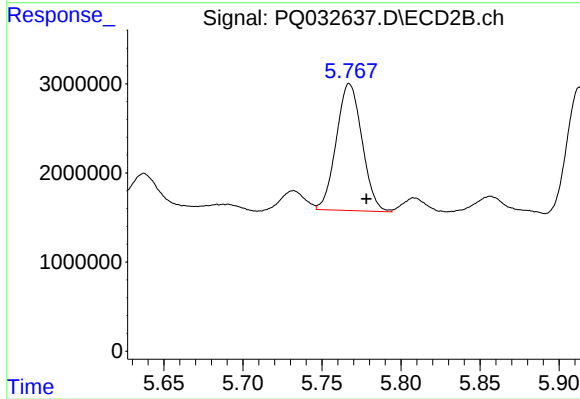
#19 AR-1242-4

R.T.: 5.241 min
Delta R.T.: -0.012 min
Response: 18506551
Conc: 551.47 ng/ml



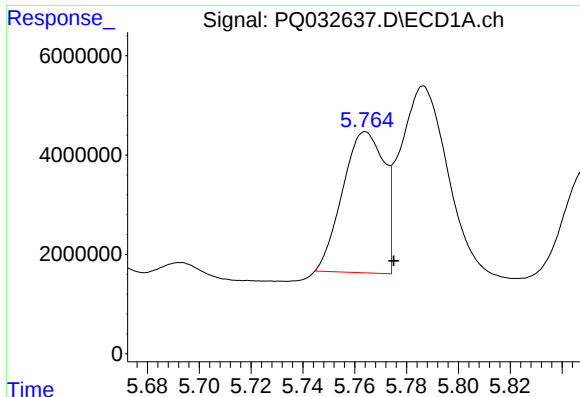
#20 AR-1242-5

R.T.: 6.688 min
Delta R.T.: -0.011 min
Response: 3753640
Conc: 78.68 ng/ml



#20 AR-1242-5

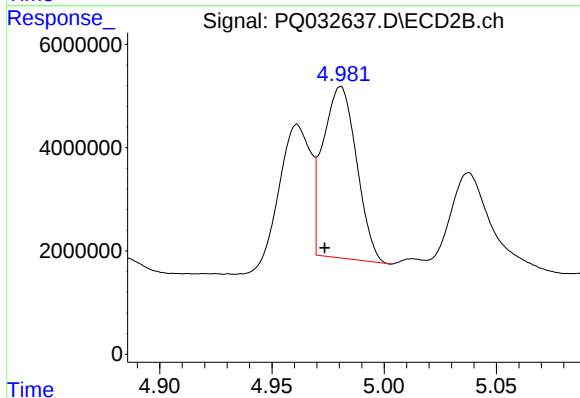
R.T.: 5.767 min
Delta R.T.: -0.011 min
Response: 16137244
Conc: 345.39 ng/ml



#21 AR-1248-1

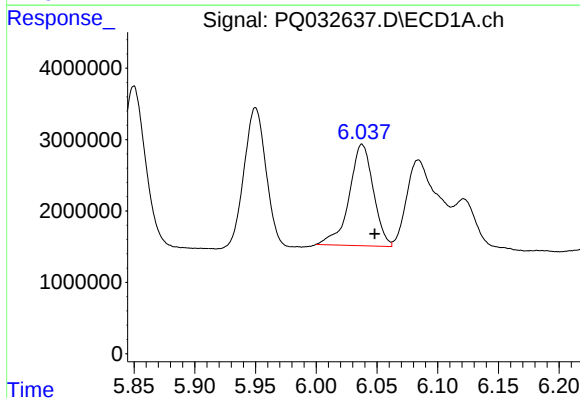
R.T.: 5.764 min
Delta R.T.: -0.011 min
Response: 31580156
Conc: 714.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



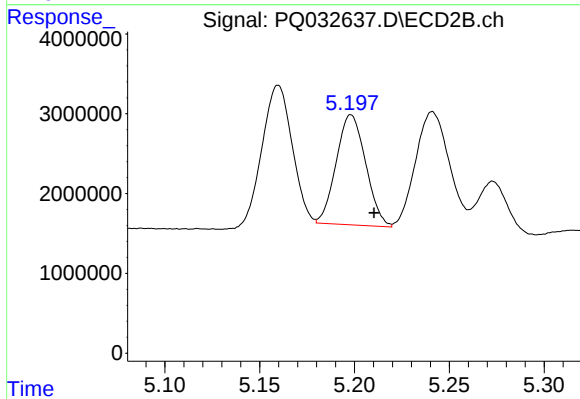
#21 AR-1248-1

R.T.: 4.981 min
Delta R.T.: 0.007 min
Response: 34569081
Conc: 912.65 ng/ml



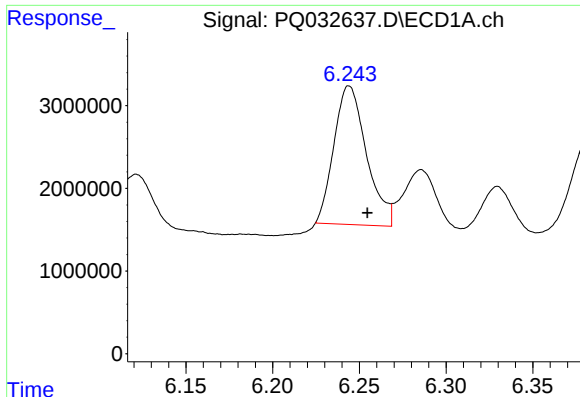
#22 AR-1248-2

R.T.: 6.038 min
Delta R.T.: -0.010 min
Response: 19647771
Conc: 293.57 ng/ml



#22 AR-1248-2

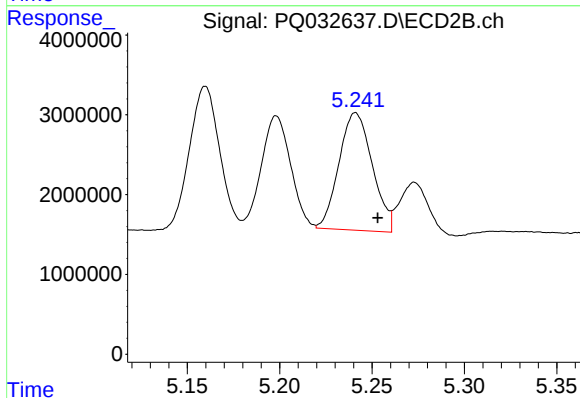
R.T.: 5.198 min
Delta R.T.: -0.012 min
Response: 14934276
Conc: 282.56 ng/ml



#23 AR-1248-3

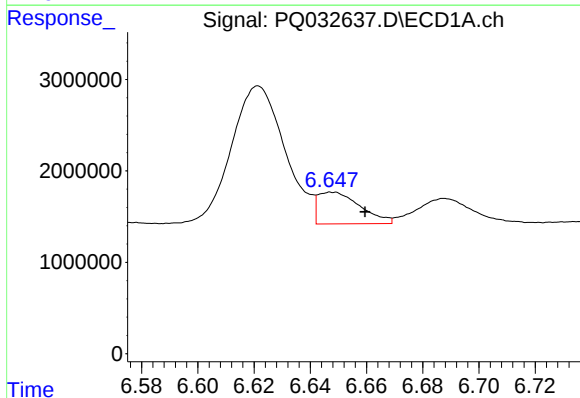
R.T.: 6.244 min
Delta R.T.: -0.011 min
Response: 21870902
Conc: 276.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



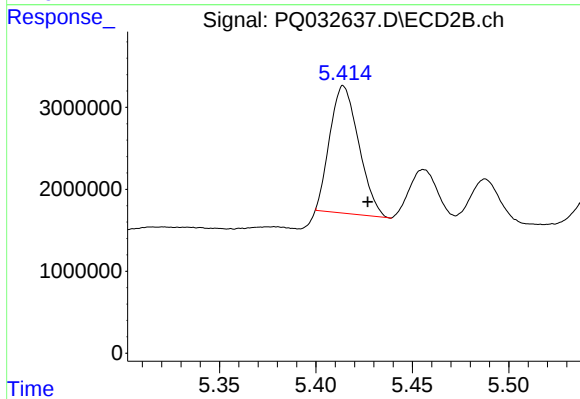
#23 AR-1248-3

R.T.: 5.241 min
Delta R.T.: -0.012 min
Response: 18506551
Conc: 336.51 ng/ml



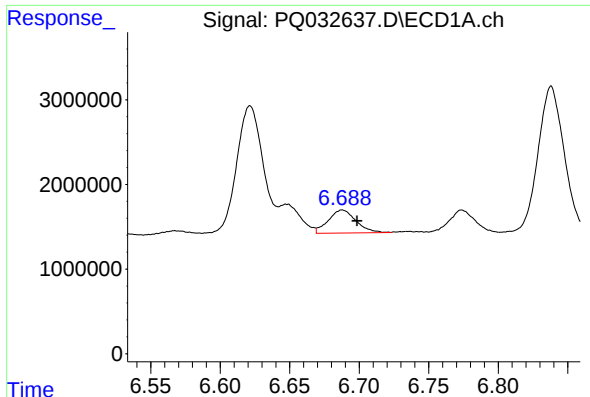
#24 AR-1248-4

R.T.: 6.648 min
Delta R.T.: -0.012 min
Response: 3634628
Conc: 38.80 ng/ml



#24 AR-1248-4

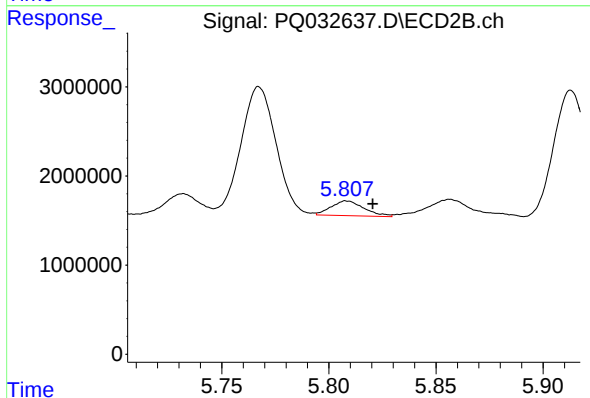
R.T.: 5.414 min
Delta R.T.: -0.013 min
Response: 16231303
Conc: 233.04 ng/ml



#25 AR-1248-5

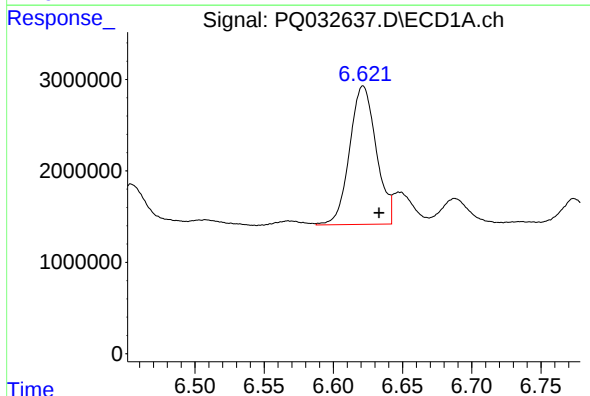
R.T.: 6.688 min
Delta R.T.: -0.011 min
Response: 3753640
Conc: 41.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



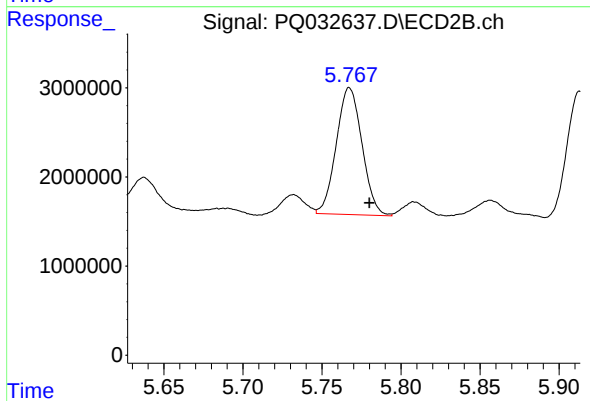
#25 AR-1248-5

R.T.: 5.808 min
Delta R.T.: -0.012 min
Response: 1789064
Conc: 24.07 ng/ml



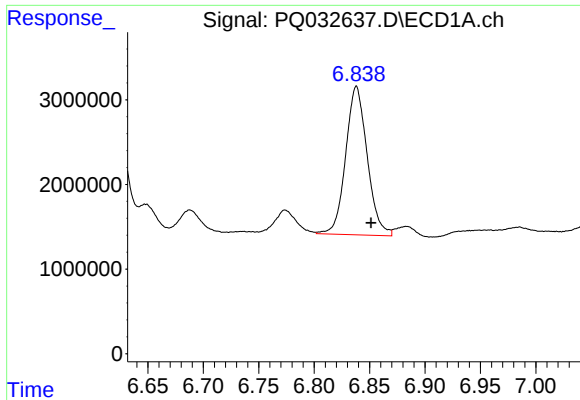
#26 AR-1254-1

R.T.: 6.622 min
Delta R.T.: -0.012 min
Response: 20238312
Conc: 210.74 ng/ml



#26 AR-1254-1

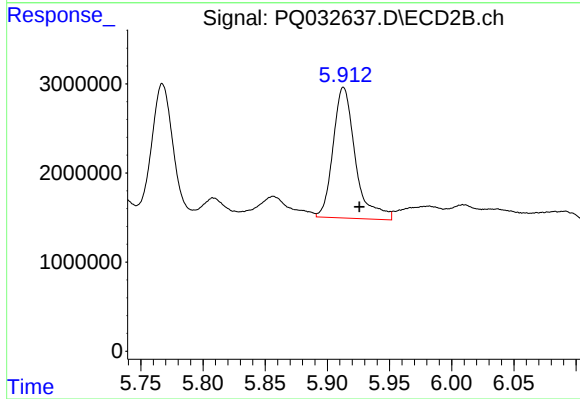
R.T.: 5.767 min
Delta R.T.: -0.013 min
Response: 16137244
Conc: 141.59 ng/ml



#27 AR-1254-2

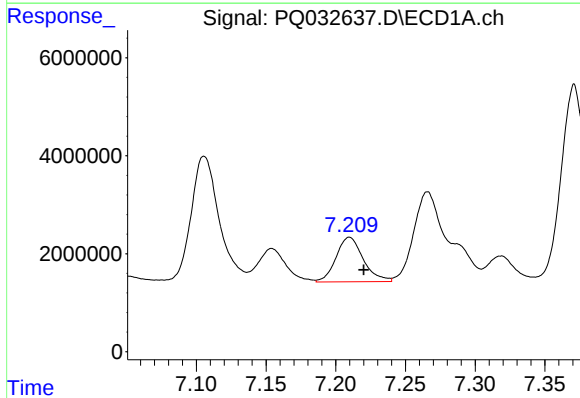
R.T.: 6.838 min
Delta R.T.: -0.013 min
Response: 23767108
Conc: 152.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



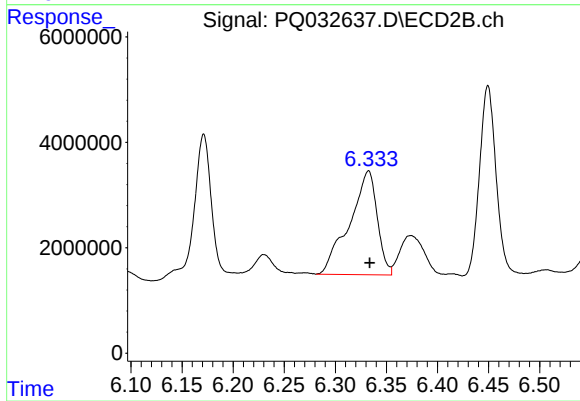
#27 AR-1254-2

R.T.: 5.913 min
Delta R.T.: -0.013 min
Response: 18303035
Conc: 178.55 ng/ml



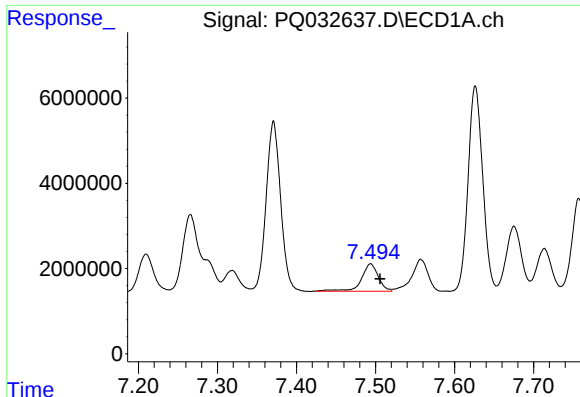
#28 AR-1254-3

R.T.: 7.210 min
Delta R.T.: -0.010 min
Response: 12372079
Conc: 70.18 ng/ml



#28 AR-1254-3

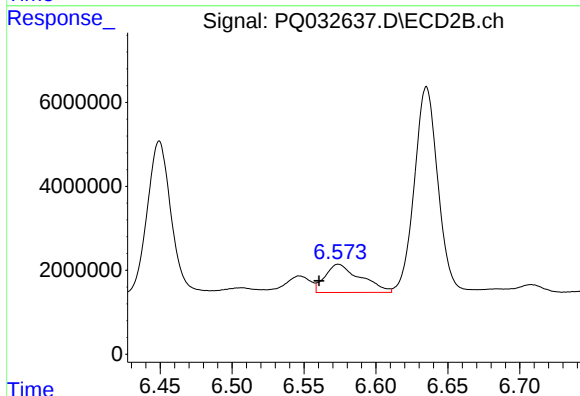
R.T.: 6.332 min
Delta R.T.: -0.001 min
Response: 37175565
Conc: 201.13 ng/ml



#29 AR-1254-4

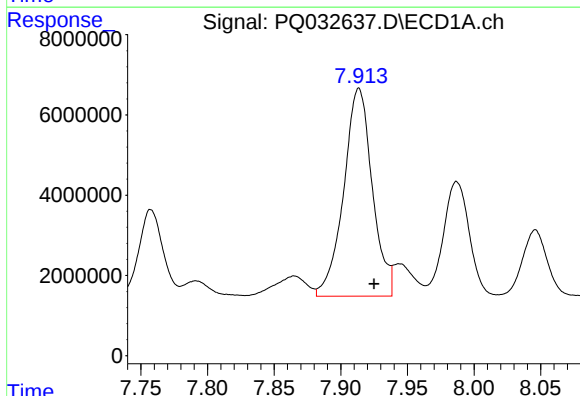
R.T.: 7.494 min
Delta R.T.: -0.012 min
Response: 9528138
Conc: 72.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



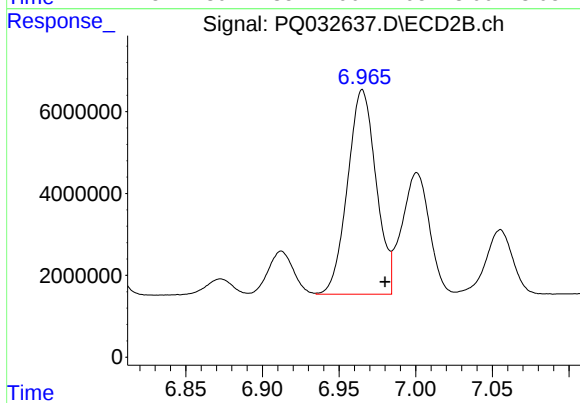
#29 AR-1254-4

R.T.: 6.574 min
Delta R.T.: 0.013 min
Response: 11564523
Conc: 96.97 ng/ml



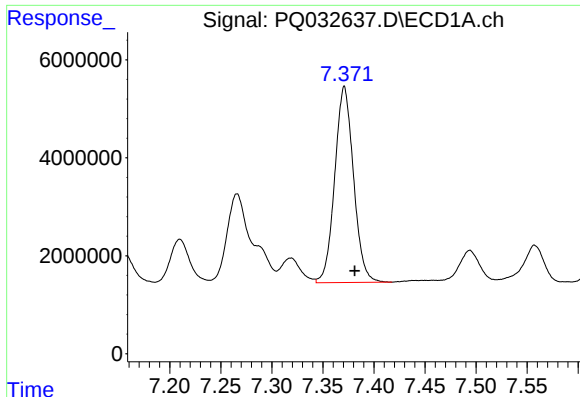
#30 AR-1254-5

R.T.: 7.914 min
Delta R.T.: -0.012 min
Response: 77376347
Conc: 520.09 ng/ml



#30 AR-1254-5

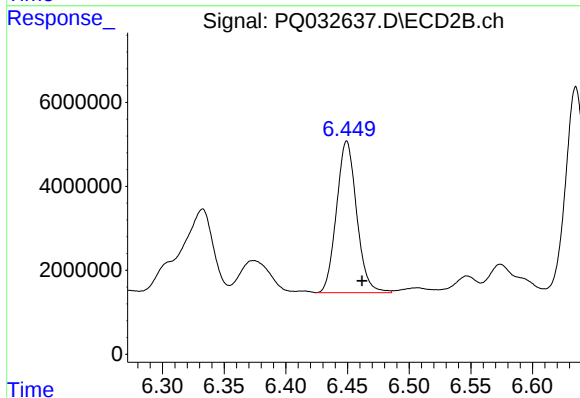
R.T.: 6.965 min
Delta R.T.: -0.015 min
Response: 64760258
Conc: 384.84 ng/ml



#31 AR-1260-1

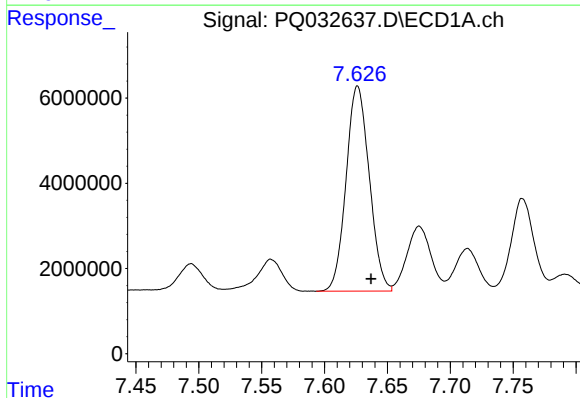
R.T.: 7.371 min
Delta R.T.: -0.010 min
Response: 51281719
Conc: 433.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



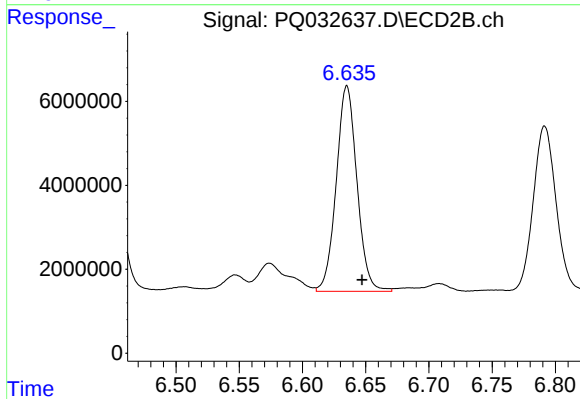
#31 AR-1260-1

R.T.: 6.449 min
Delta R.T.: -0.013 min
Response: 41073610
Conc: 376.22 ng/ml



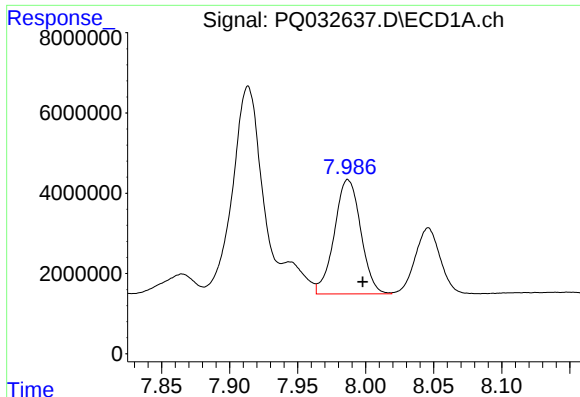
#32 AR-1260-2

R.T.: 7.626 min
Delta R.T.: -0.011 min
Response: 61875530
Conc: 430.06 ng/ml



#32 AR-1260-2

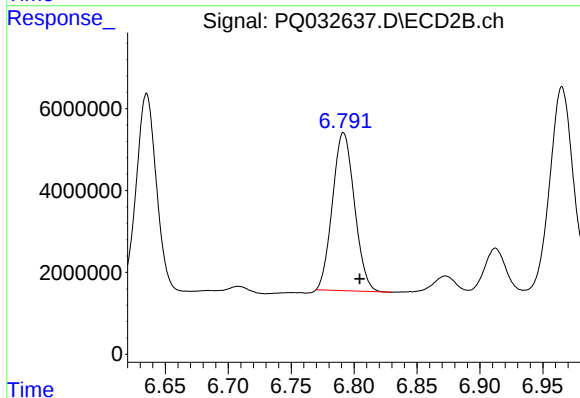
R.T.: 6.635 min
Delta R.T.: -0.012 min
Response: 55852496
Conc: 412.33 ng/ml



#33 AR-1260-3

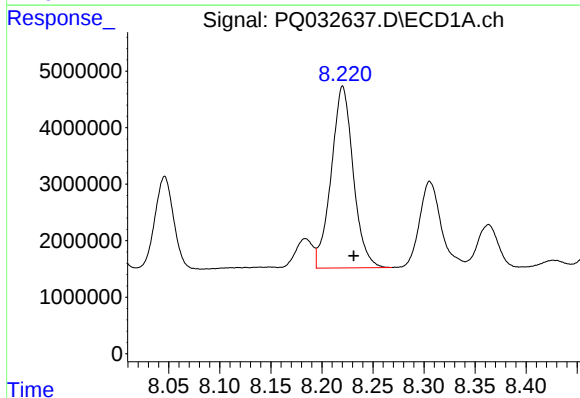
R.T.: 7.987 min
Delta R.T.: -0.011 min
Response: 38489080
Conc: 368.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



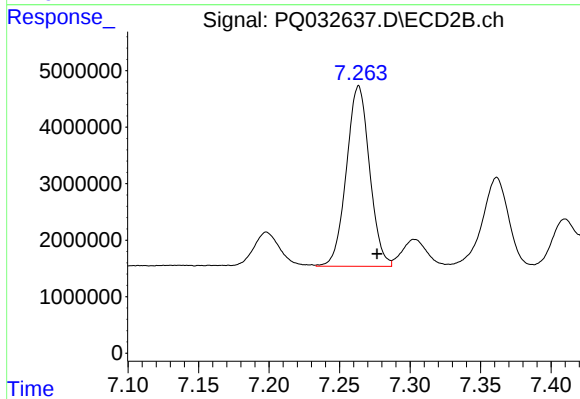
#33 AR-1260-3

R.T.: 6.792 min
Delta R.T.: -0.013 min
Response: 46901438
Conc: 372.07 ng/ml



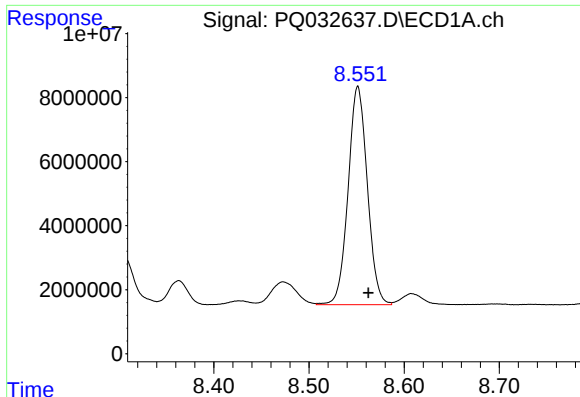
#34 AR-1260-4

R.T.: 8.220 min
Delta R.T.: -0.011 min
Response: 48318008
Conc: 385.93 ng/ml



#34 AR-1260-4

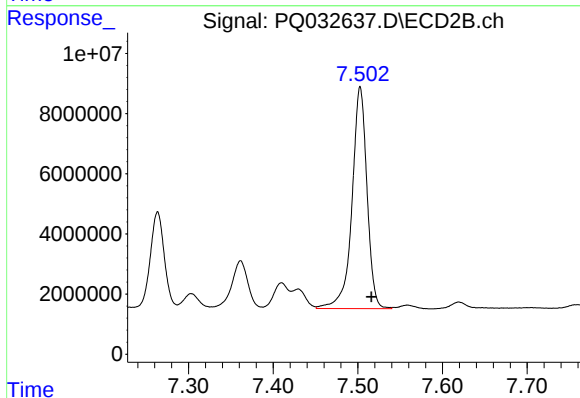
R.T.: 7.264 min
Delta R.T.: -0.013 min
Response: 36493073
Conc: 343.04 ng/ml



#35 AR-1260-5

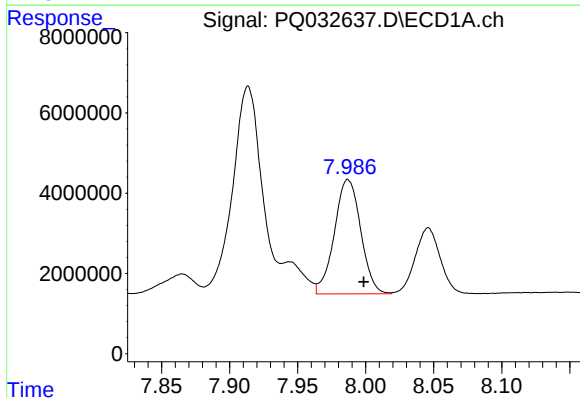
R.T.: 8.551 min
Delta R.T.: -0.011 min
Response: 95796966
Conc: 370.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



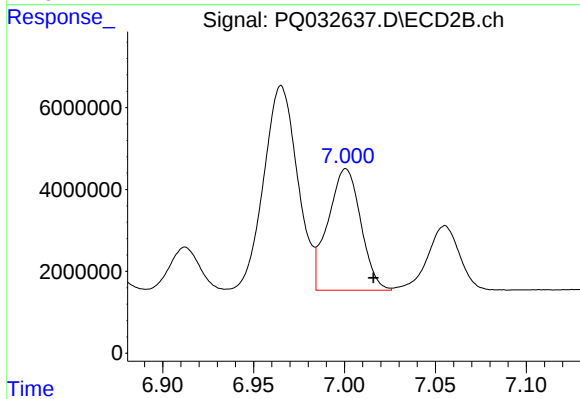
#35 AR-1260-5

R.T.: 7.503 min
Delta R.T.: -0.013 min
Response: 90886954
Conc: 342.07 ng/ml



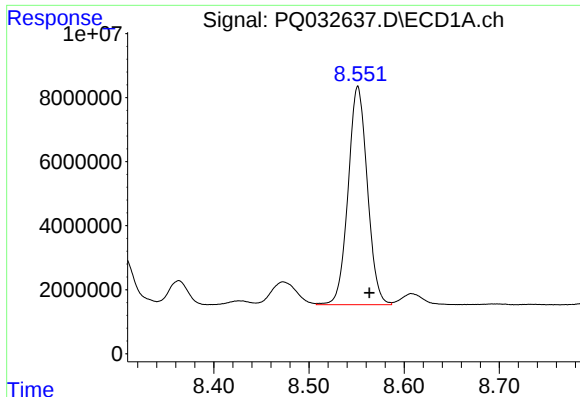
#36 AR-1262-1

R.T.: 7.987 min
Delta R.T.: -0.012 min
Response: 38489080
Conc: 241.20 ng/ml



#36 AR-1262-1

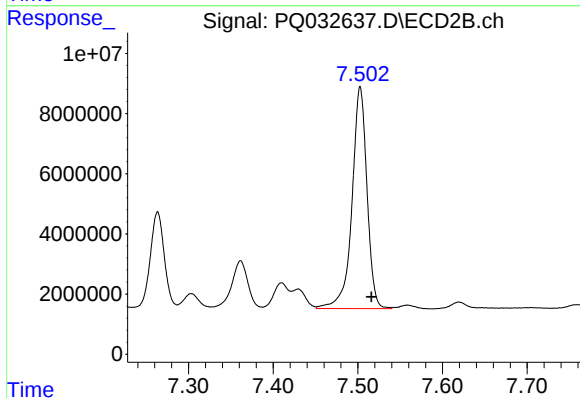
R.T.: 7.001 min
Delta R.T.: -0.015 min
Response: 37209602
Conc: 237.86 ng/ml



#37 AR-1262-2

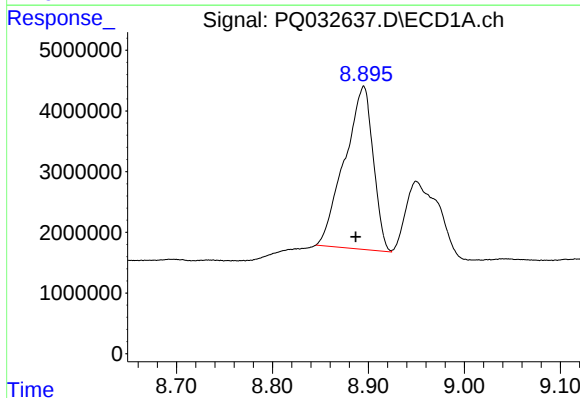
R.T.: 8.551 min
Delta R.T.: -0.012 min
Response: 95796966
Conc: 322.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



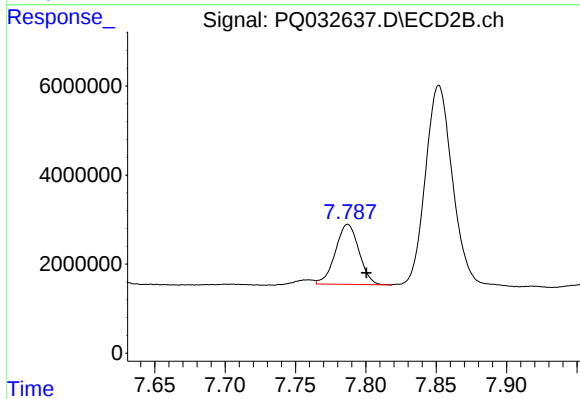
#37 AR-1262-2

R.T.: 7.503 min
Delta R.T.: -0.013 min
Response: 90886954
Conc: 298.91 ng/ml



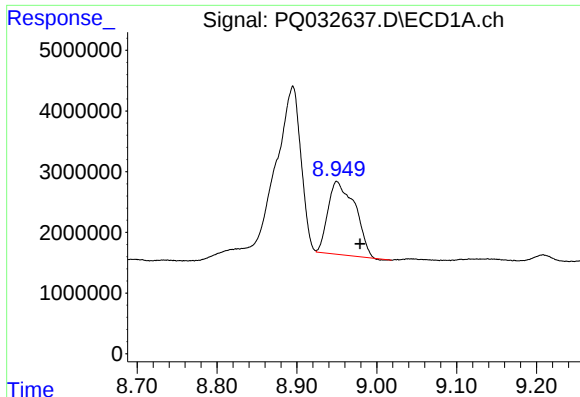
#38 AR-1262-3

R.T.: 8.895 min
Delta R.T.: 0.008 min
Response: 55576022
Conc: 281.08 ng/ml



#38 AR-1262-3

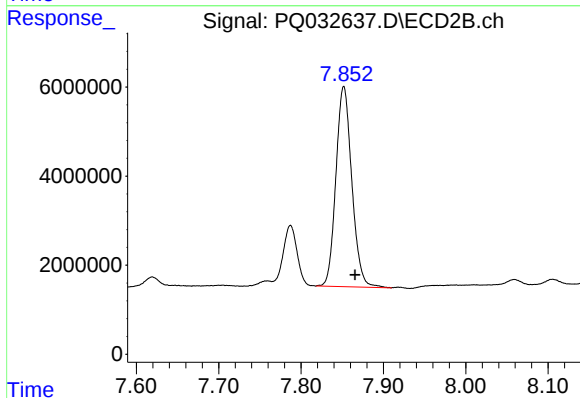
R.T.: 7.787 min
Delta R.T.: -0.013 min
Response: 15749735
Conc: 136.95 ng/ml



#39 AR-1262-4

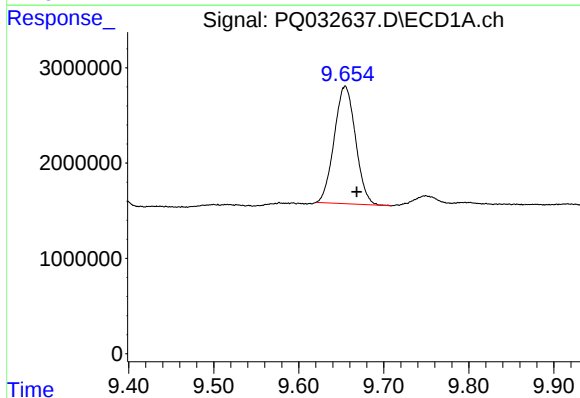
R.T.: 8.950 min
Delta R.T.: -0.029 min
Response: 28296368
Conc: 193.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



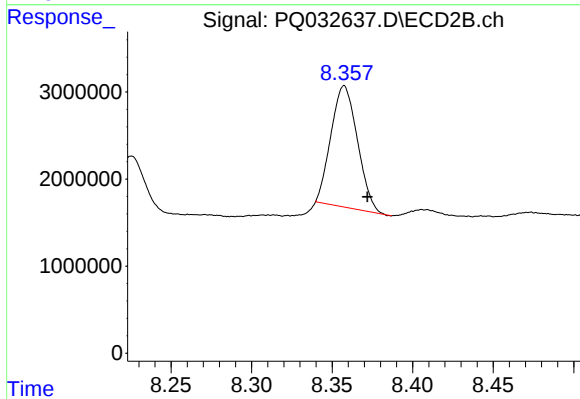
#39 AR-1262-4

R.T.: 7.852 min
Delta R.T.: -0.014 min
Response: 60411463
Conc: 275.17 ng/ml



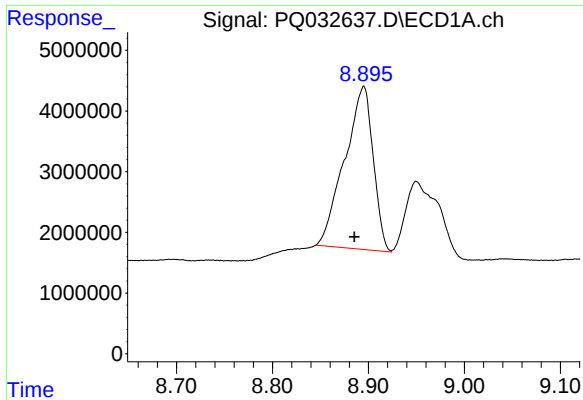
#40 AR-1262-5

R.T.: 9.655 min
Delta R.T.: -0.014 min
Response: 21463681
Conc: 206.37 ng/ml



#40 AR-1262-5

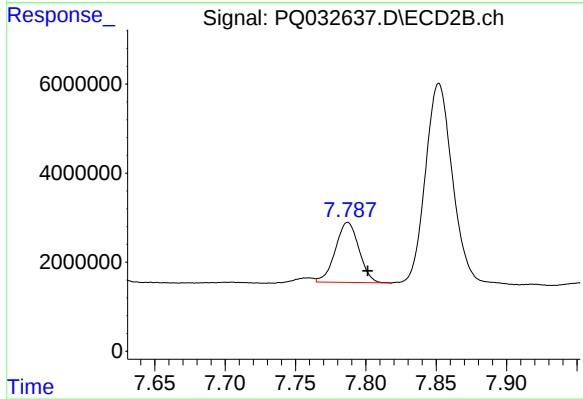
R.T.: 8.357 min
Delta R.T.: -0.014 min
Response: 15964323
Conc: 157.91 ng/ml



#41 AR-1268-1

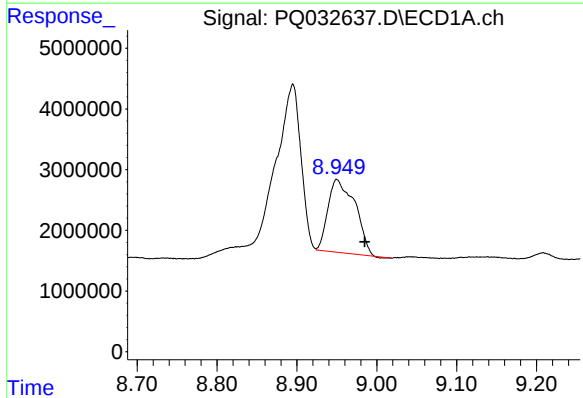
R.T.: 8.895 min
Delta R.T.: 0.010 min
Response: 55576022
Conc: 121.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



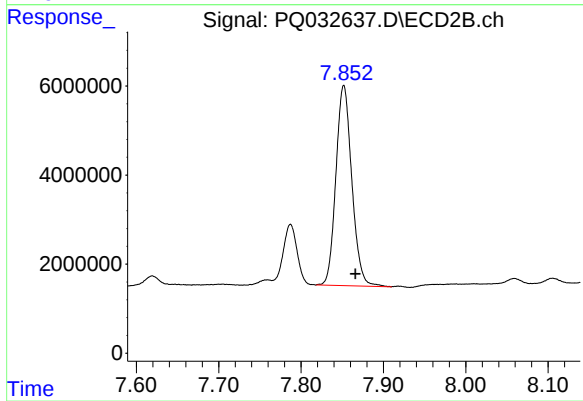
#41 AR-1268-1

R.T.: 7.787 min
Delta R.T.: -0.014 min
Response: 15749735
Conc: 34.84 ng/ml



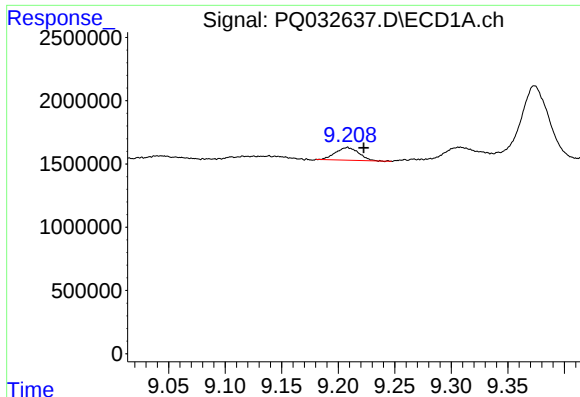
#42 AR-1268-2

R.T.: 8.950 min
Delta R.T.: -0.035 min
Response: 28296368
Conc: 68.37 ng/ml



#42 AR-1268-2

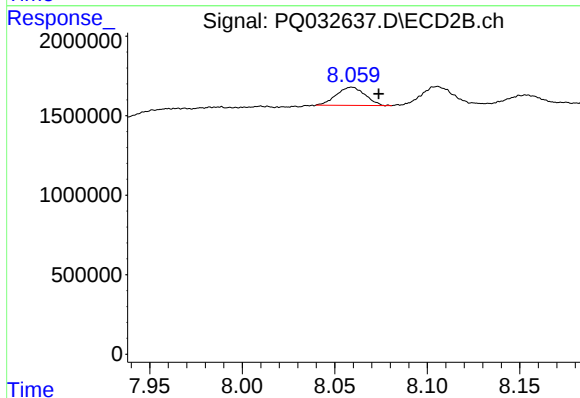
R.T.: 7.852 min
Delta R.T.: -0.014 min
Response: 60411463
Conc: 148.97 ng/ml



#43 AR-1268-3

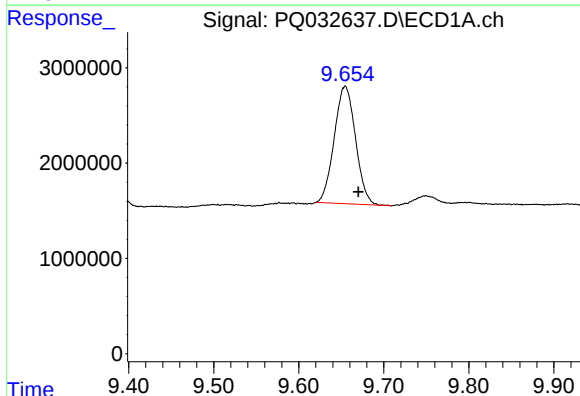
R.T.: 9.208 min
Delta R.T.: -0.014 min
Response: 1427980
Conc: 4.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



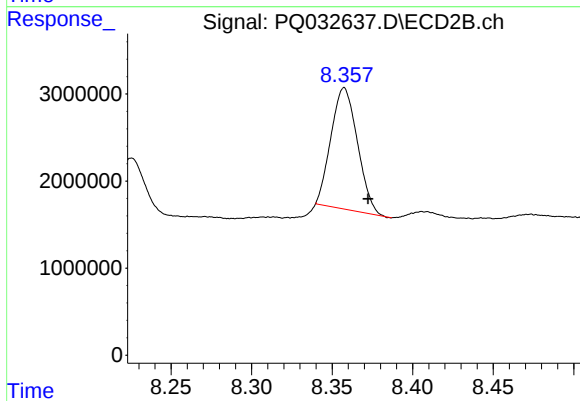
#43 AR-1268-3

R.T.: 8.059 min
Delta R.T.: -0.015 min
Response: 1241392
Conc: 3.69 ng/ml



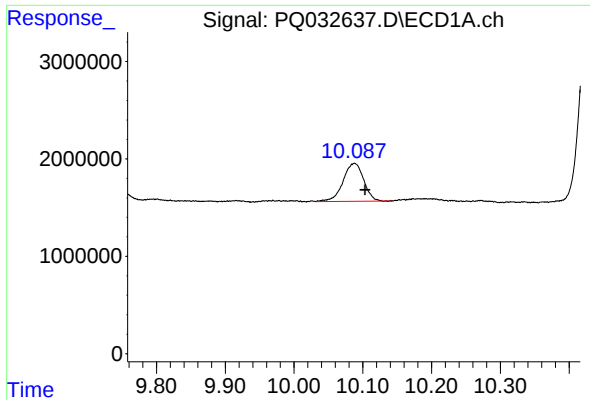
#44 AR-1268-4

R.T.: 9.655 min
Delta R.T.: -0.016 min
Response: 21463681
Conc: 140.60 ng/ml



#44 AR-1268-4

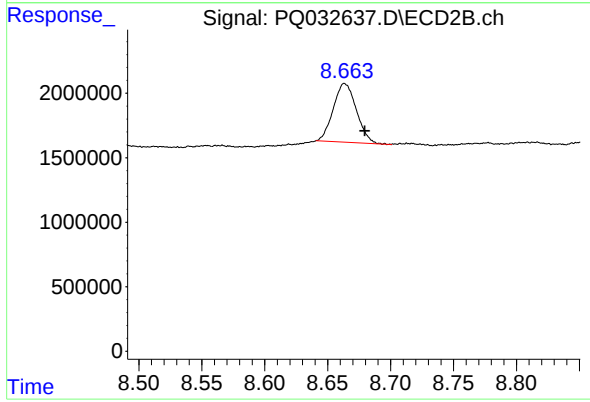
R.T.: 8.357 min
Delta R.T.: -0.015 min
Response: 15964323
Conc: 108.21 ng/ml



#45 AR-1268-5

R.T.: 10.088 min
Delta R.T.: -0.015 min
Response: 8132867
Conc: 7.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.664 min
Delta R.T.: -0.016 min
Response: 5808172
Conc: 5.47 ng/ml