

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081418\
 Data File : PQ031154.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2018 04:01
 Operator : SM\SJ
 Sample : J4434-15MSD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 15 12:18:12 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080918CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 13 07:57:53 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...	4.606	3.889	56205610	55155789	28.273	28.384
2)	SA Decachlor...	10.466	8.975	117.4E6	132.7E6	59.016	60.191
Target Compounds							
3)	L1 AR-1016-1	5.318	4.573	28381636	28347098	573.604	565.907
4)	L1 AR-1016-2	5.514	4.989	31586648	49791878	634.307	684.703
5)	L1 AR-1016-3	5.783	5.009	39740944	63688435	557.240	589.559
6)	L1 AR-1016-4	5.869	5.065	33746104	46510419	501.542	648.405 #
7)	L1 AR-1016-5	6.263	5.443	31333841	27345315	551.216	428.369
8)	L2 AR-1221-1	4.810	4.104	3171556	4919007	139.100	211.046 #
9)	L2 AR-1221-2	4.903	4.193	4346552	4282604	224.978	239.529
10)	L2 AR-1221-3	4.981	4.270	19621770	20076213	332.063	319.920
11)	L3 AR-1232-1	5.805	4.768	60507761	38325604	1342.960	1762.587 #
12)	L3 AR-1232-2	5.969	5.009	27187138	63688435	1187.567	1549.532 #
13)	L3 AR-1232-3	6.057	5.270	17377003	29490481	1194.619	1704.506 #
14)	L3 AR-1232-4	6.680	5.594	27669576	11913331	871.193	739.390
15)	L3 AR-1232-5	6.680	5.837	27669576	8880521	948.692	417.150 #
16)	L4 AR-1242-1	5.349	4.594	18399880	17157642	864.640	801.581
17)	L4 AR-1242-2	6.103	5.188	22646350	35975752	611.747	860.713 #
18)	L4 AR-1242-3	6.304	5.226	12989163	28524474	694.261	870.415 #
19)	L4 AR-1242-4	6.348	6.021	8635396	28758649	630.469	696.708
20)	L4 AR-1242-5	6.404	6.072	25931468	12092047	554.852	344.611 #
21)	L5 AR-1248-1	6.057	5.226	17377003	28524474	268.486	421.236 #
22)	L5 AR-1248-2	6.640	5.798	25808680	32389364	370.269	237.409 #
23)	L5 AR-1248-3	6.680	5.837	27669576	8880521	304.576	95.891 #
24)	L5 AR-1248-4	6.680	6.021	27669576	28758649	317.654	360.460
25)	L5 AR-1248-5	6.905	6.364	2676944	80158992	46.479	1110.147 #
26)	L6 AR-1254-1	6.856	5.942	30212460	36626510	188.961	258.507 #
27)	L6 AR-1254-2	7.124	6.261	25040094	14430322	254.503	120.676 #
28)	L6 AR-1254-3	7.227	6.578	18510650	9252753	103.528	52.041 #
29)	L6 AR-1254-4	7.511	6.904	11720450	13317205	89.664	124.233 #
30)	L6 AR-1254-5	7.775	6.996	39616299	152.5E6	395.044	691.317 #
31)	L7 AR-1260-1	7.389	6.480	82753504	83819251	660.652	563.593
32)	L7 AR-1260-2	7.644	6.665	108.3E6	121.5E6	717.124	681.632
33)	L7 AR-1260-3	7.930	6.824	149.5E6	101.7E6	832.319	591.628 #
34)	L7 AR-1260-4	8.238	7.295	89281483	92041545	691.841	665.541
35)	L7 AR-1260-5	8.570	7.534	169.8E6	221.7E6	659.398	693.205
36)	L8 AR-1262-1	7.283	6.364	49852163	80158992	626.438	672.231
37)	L8 AR-1262-2	8.062	7.087	42102853	47519070	572.017	495.743
38)	L8 AR-1262-3	8.323	7.394	44410988	52602900	503.296	546.440
39)	L8 AR-1262-4	8.970	7.819	51816615	51666436	343.001	305.182
40)	L8 AR-1262-5	9.677	8.390	37676629	42149235	377.841	368.535
41)	L9 AR-1268-1	8.005	7.033	94511772	98832369	1289.527	1125.937

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 ALS Vial : 53 Sample Multiplier: 1

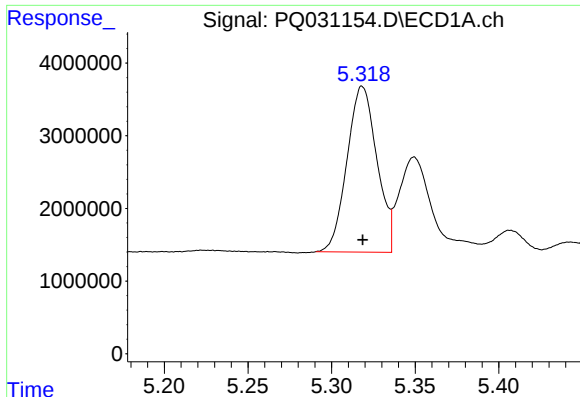
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 15 12:18:12 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080918CLP.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	8.238	7.884	89281483	144.0E6	901.587	301.085 #
43) L9	AR-1268-3	8.913	8.094	114.0E6	21923379	270.035	56.066 #
44) L9	AR-1268-4	9.231	8.188	19368401	4735368	61.139	48.481
45) L9	AR-1268-5	10.110	8.701	53184392	59908797	59.423	54.959

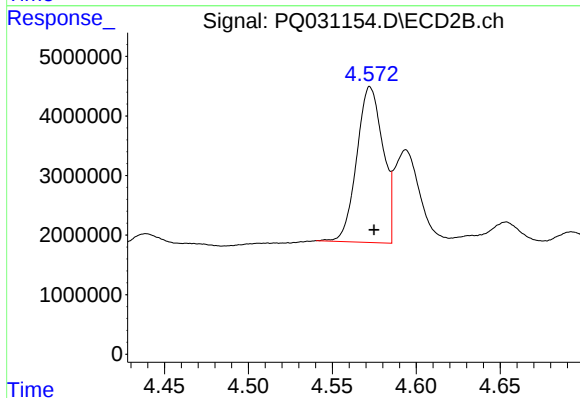
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

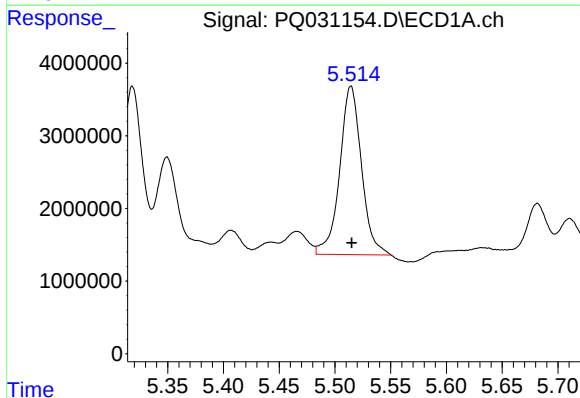
R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 28381636
Conc: 573.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



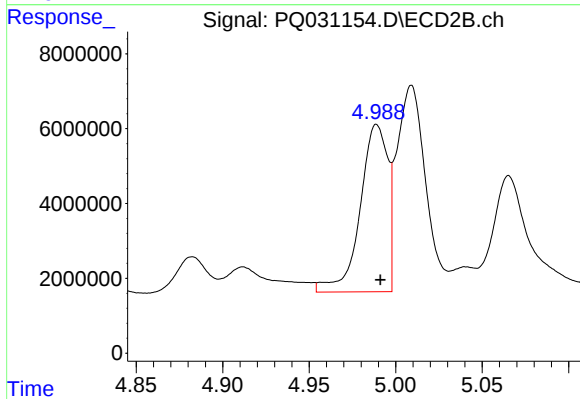
#3 AR-1016-1

R.T.: 4.573 min
Delta R.T.: -0.002 min
Response: 28347098
Conc: 565.91 ng/ml



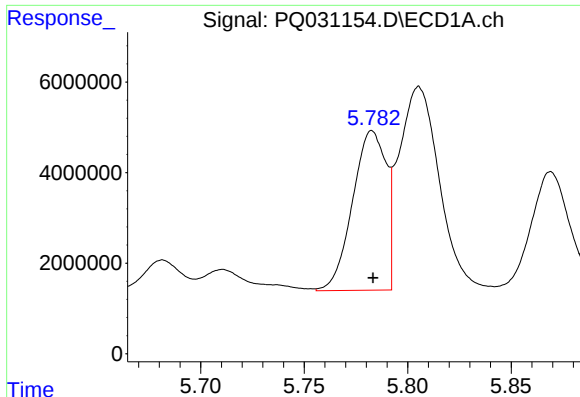
#4 AR-1016-2

R.T.: 5.514 min
Delta R.T.: 0.000 min
Response: 31586648
Conc: 634.31 ng/ml



#4 AR-1016-2

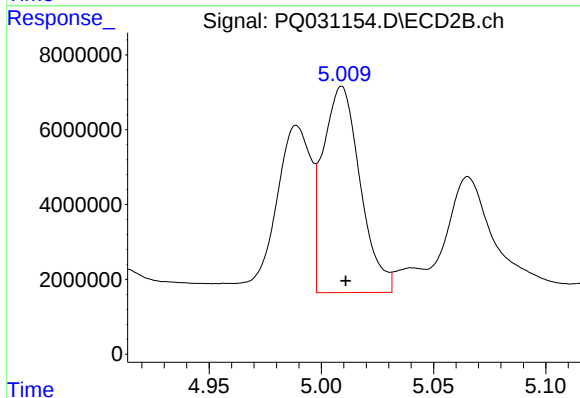
R.T.: 4.989 min
Delta R.T.: -0.002 min
Response: 49791878
Conc: 684.70 ng/ml



#5 AR-1016-3

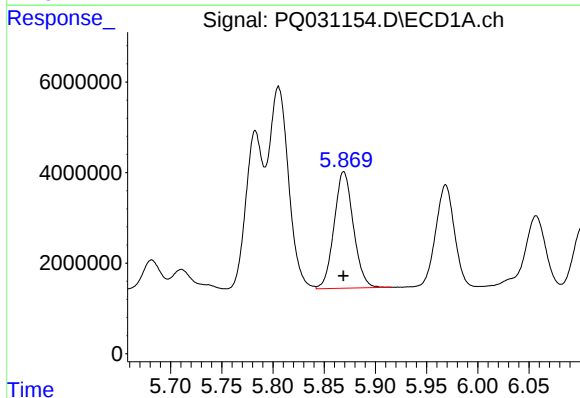
R.T.: 5.783 min
Delta R.T.: 0.000 min
Response: 39740944
Conc: 557.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



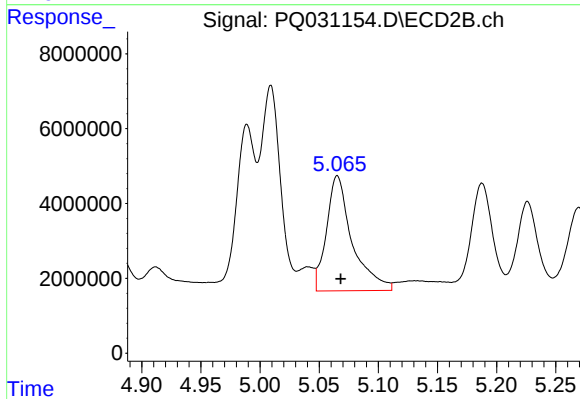
#5 AR-1016-3

R.T.: 5.009 min
Delta R.T.: -0.002 min
Response: 63688435
Conc: 589.56 ng/ml



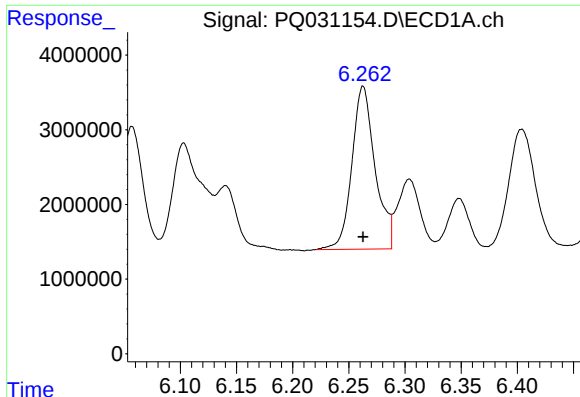
#6 AR-1016-4

R.T.: 5.869 min
Delta R.T.: 0.000 min
Response: 33746104
Conc: 501.54 ng/ml



#6 AR-1016-4

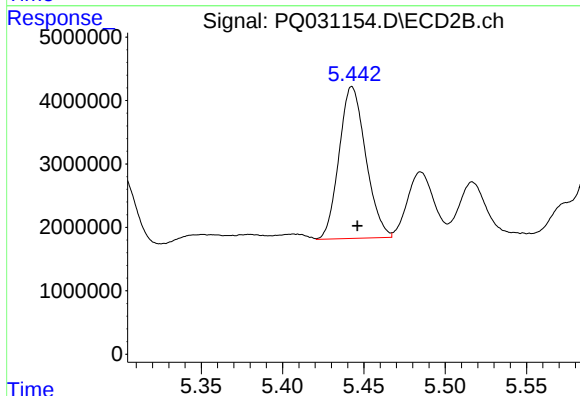
R.T.: 5.065 min
Delta R.T.: -0.003 min
Response: 46510419
Conc: 648.40 ng/ml



#7 AR-1016-5

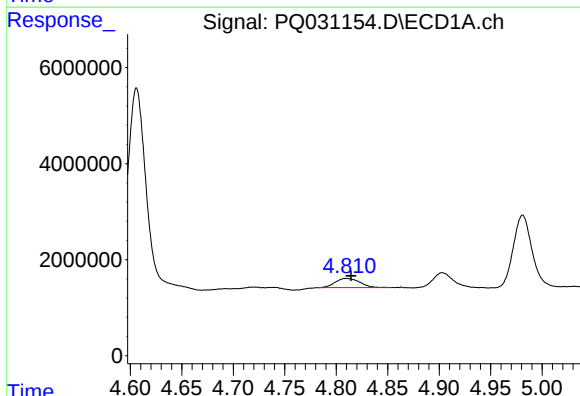
R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 31333841
Conc: 551.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



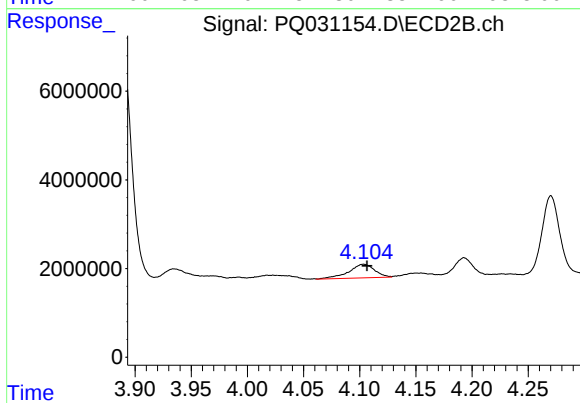
#7 AR-1016-5

R.T.: 5.443 min
Delta R.T.: -0.003 min
Response: 27345315
Conc: 428.37 ng/ml



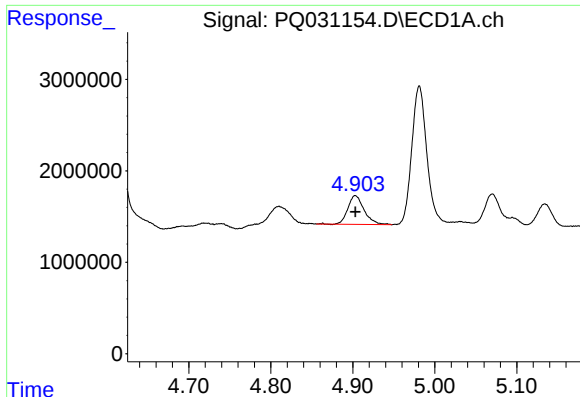
#8 AR-1221-1

R.T.: 4.810 min
Delta R.T.: -0.005 min
Response: 3171556
Conc: 139.10 ng/ml



#8 AR-1221-1

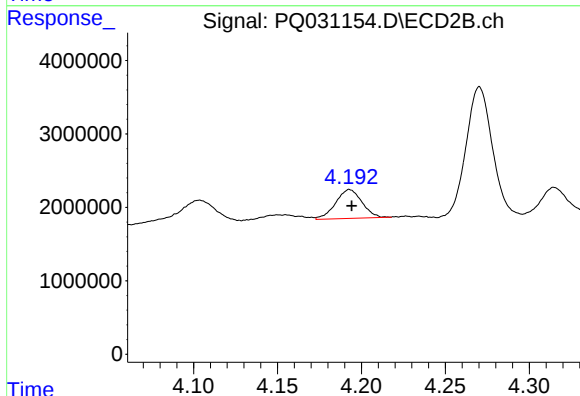
R.T.: 4.104 min
Delta R.T.: -0.003 min
Response: 4919007
Conc: 211.05 ng/ml



#9 AR-1221-2

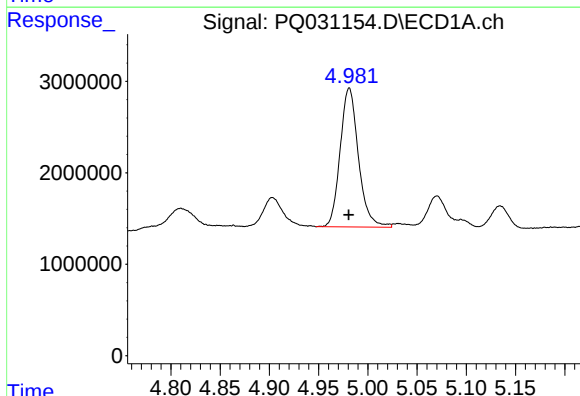
R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 4346552
Conc: 224.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



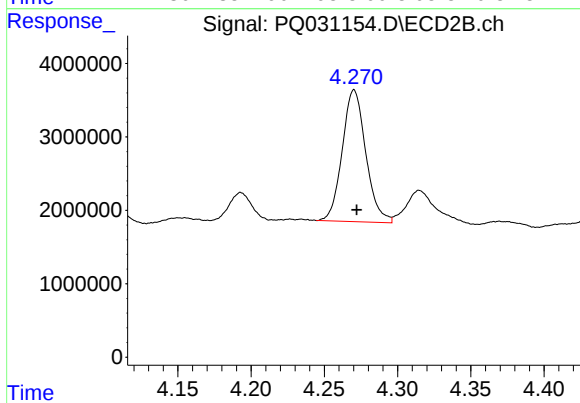
#9 AR-1221-2

R.T.: 4.193 min
Delta R.T.: -0.001 min
Response: 4282604
Conc: 239.53 ng/ml



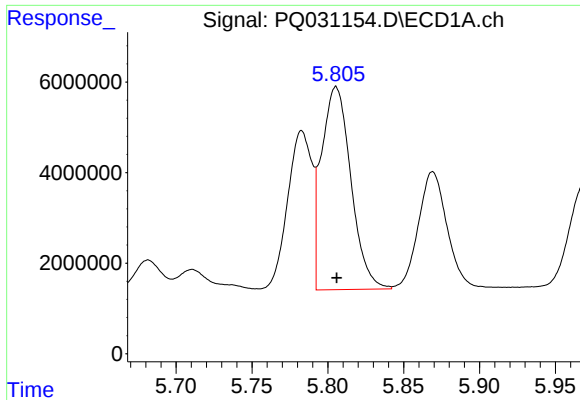
#10 AR-1221-3

R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 19621770
Conc: 332.06 ng/ml



#10 AR-1221-3

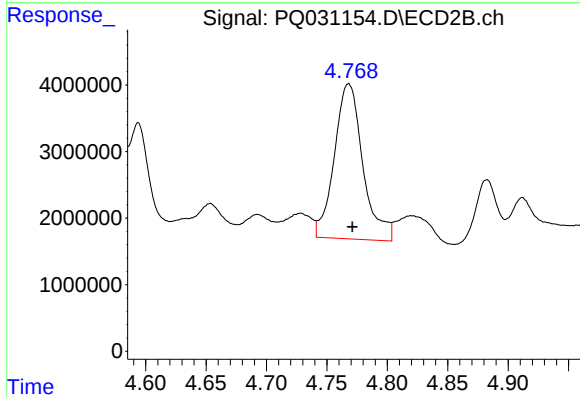
R.T.: 4.270 min
Delta R.T.: -0.002 min
Response: 20076213
Conc: 319.92 ng/ml



#11 AR-1232-1

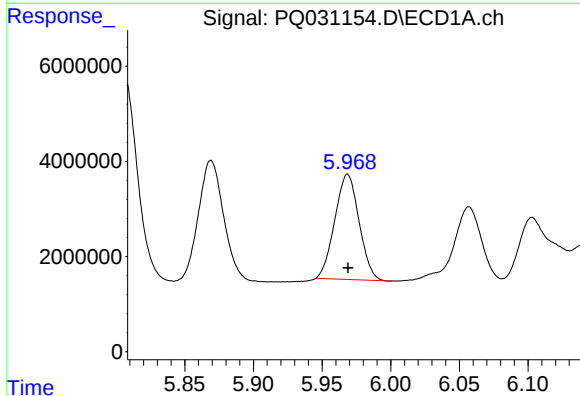
R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 60507761
Conc: 1342.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



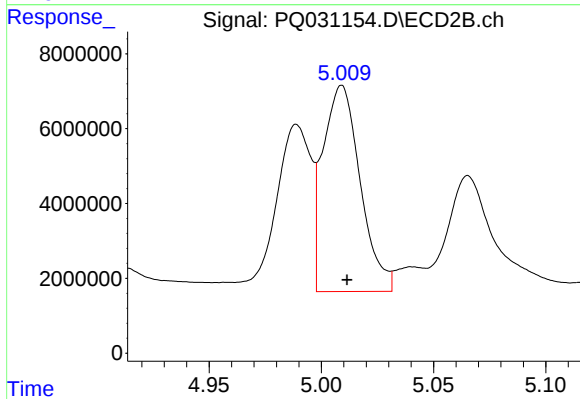
#11 AR-1232-1

R.T.: 4.768 min
Delta R.T.: -0.003 min
Response: 38325604
Conc: 1762.59 ng/ml



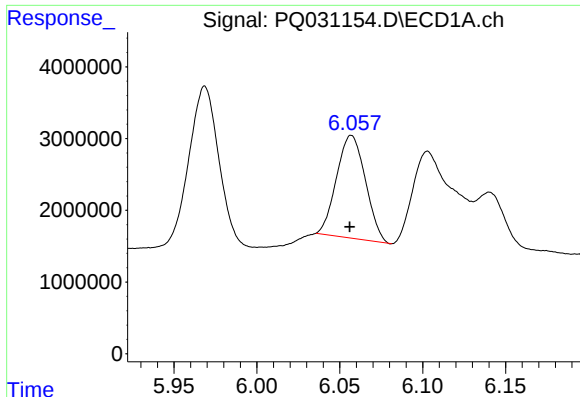
#12 AR-1232-2

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 27187138
Conc: 1187.57 ng/ml



#12 AR-1232-2

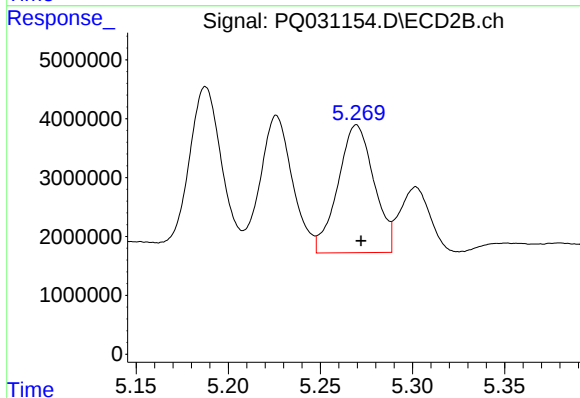
R.T.: 5.009 min
Delta R.T.: -0.002 min
Response: 63688435
Conc: 1549.53 ng/ml



#13 AR-1232-3

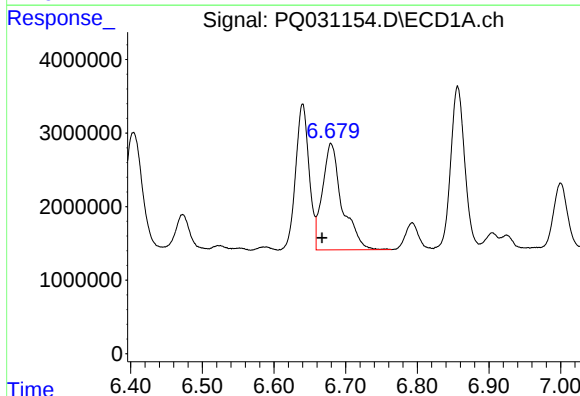
R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 17377003
Conc: 1194.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



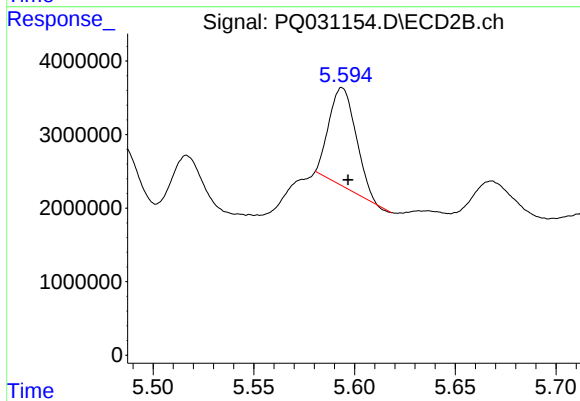
#13 AR-1232-3

R.T.: 5.270 min
Delta R.T.: -0.002 min
Response: 29490481
Conc: 1704.51 ng/ml



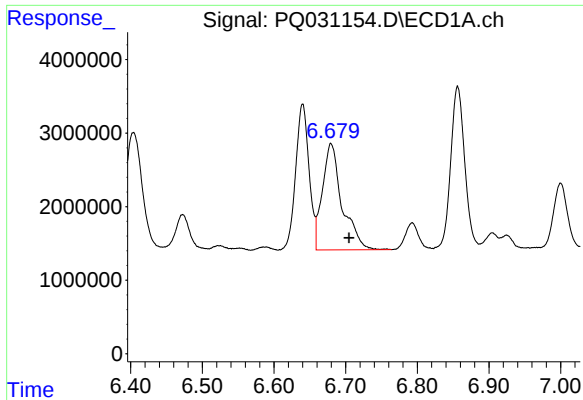
#14 AR-1232-4

R.T.: 6.680 min
Delta R.T.: 0.013 min
Response: 27669576
Conc: 871.19 ng/ml



#14 AR-1232-4

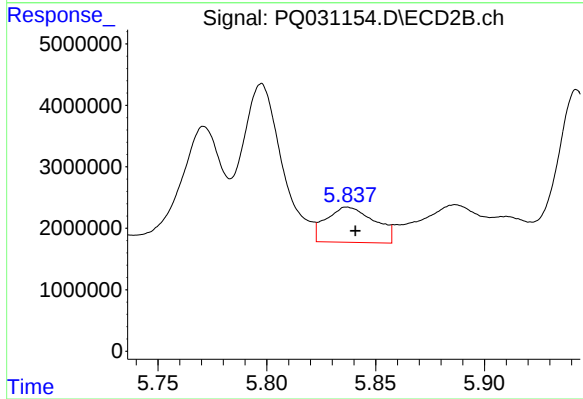
R.T.: 5.594 min
Delta R.T.: -0.003 min
Response: 11913331
Conc: 739.39 ng/ml



#15 AR-1232-5

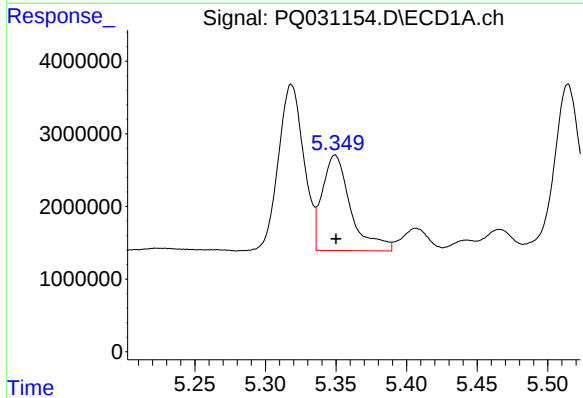
R.T.: 6.680 min
Delta R.T.: -0.025 min
Response: 27669576
Conc: 948.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



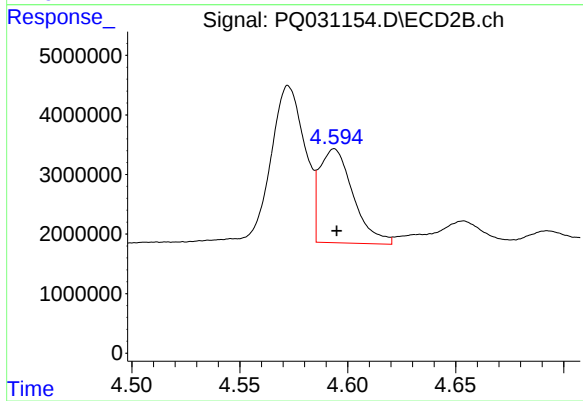
#15 AR-1232-5

R.T.: 5.837 min
Delta R.T.: -0.004 min
Response: 8880521
Conc: 417.15 ng/ml



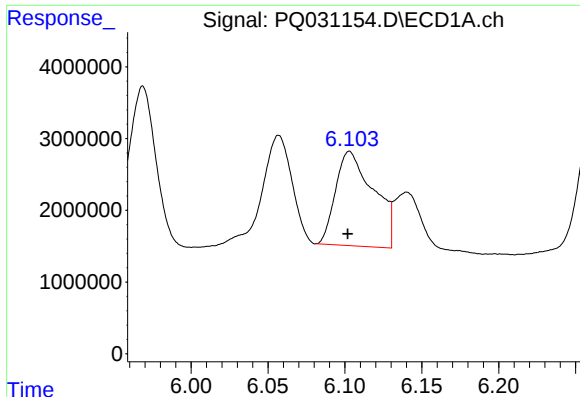
#16 AR-1242-1

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 18399880
Conc: 864.64 ng/ml



#16 AR-1242-1

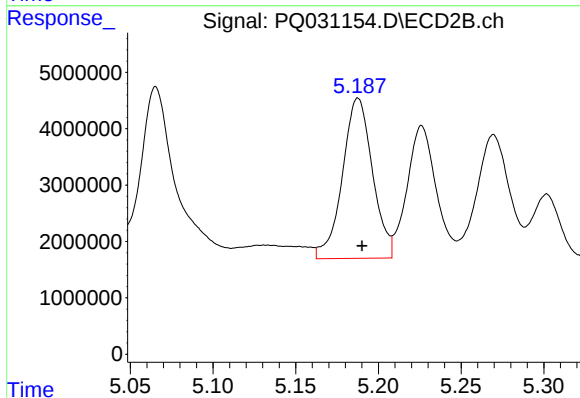
R.T.: 4.594 min
Delta R.T.: -0.001 min
Response: 17157642
Conc: 801.58 ng/ml



#17 AR-1242-2

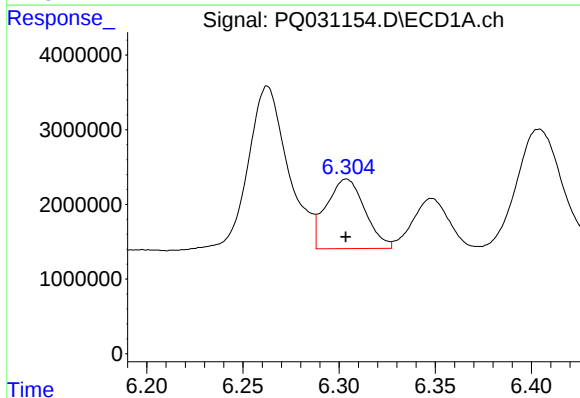
R.T.: 6.103 min
Delta R.T.: 0.001 min
Response: 22646350
Conc: 611.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



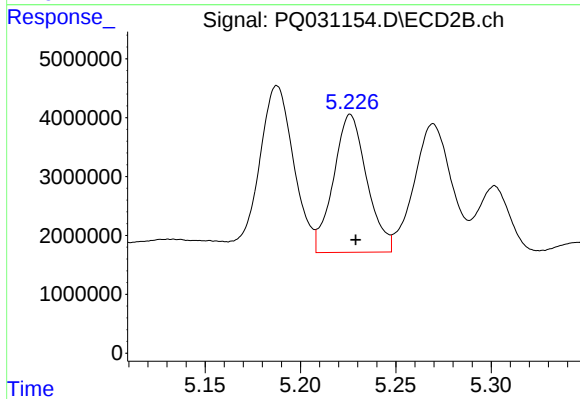
#17 AR-1242-2

R.T.: 5.188 min
Delta R.T.: -0.002 min
Response: 35975752
Conc: 860.71 ng/ml



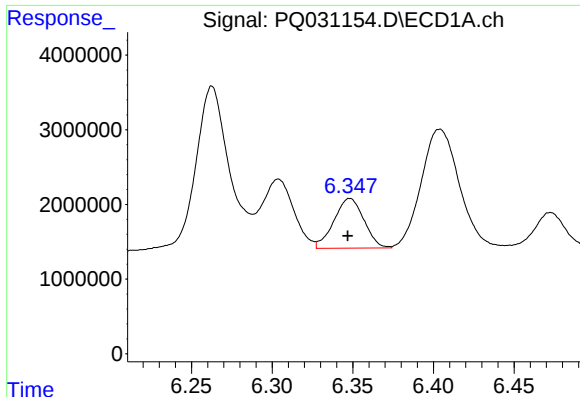
#18 AR-1242-3

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 12989163
Conc: 694.26 ng/ml



#18 AR-1242-3

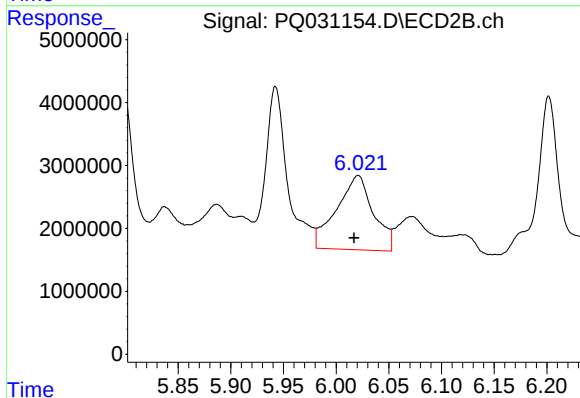
R.T.: 5.226 min
Delta R.T.: -0.003 min
Response: 28524474
Conc: 870.42 ng/ml



#19 AR-1242-4

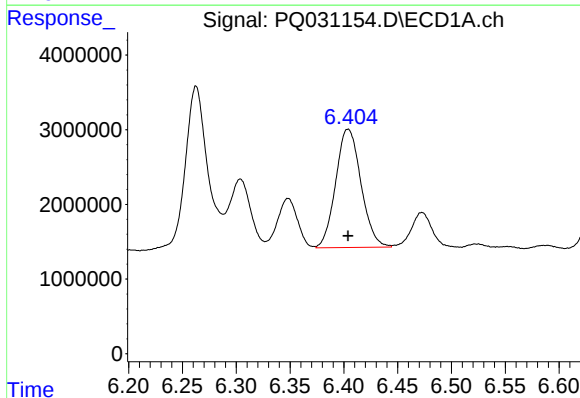
R.T.: 6.348 min
Delta R.T.: 0.001 min
Response: 8635396
Conc: 630.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



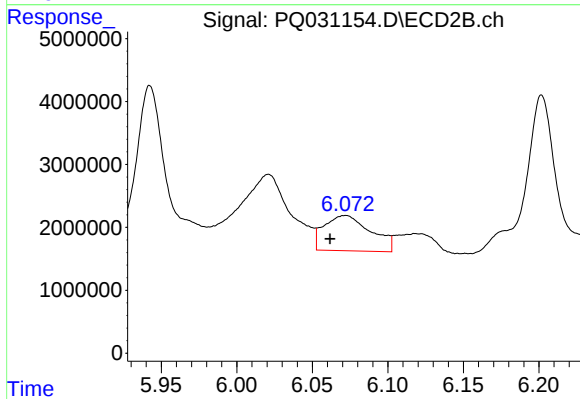
#19 AR-1242-4

R.T.: 6.021 min
Delta R.T.: 0.004 min
Response: 28758649
Conc: 696.71 ng/ml



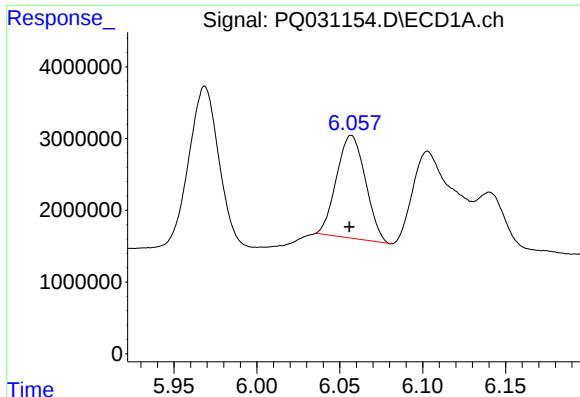
#20 AR-1242-5

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 25931468
Conc: 554.85 ng/ml



#20 AR-1242-5

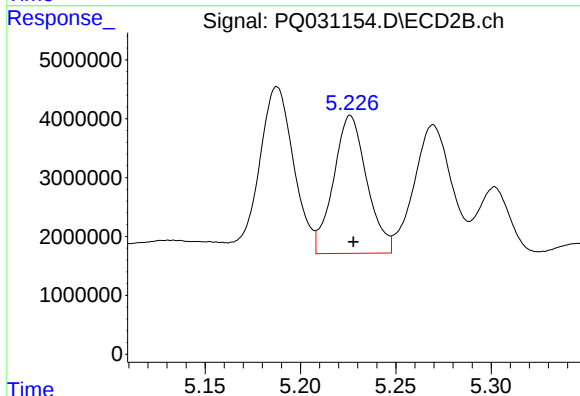
R.T.: 6.072 min
Delta R.T.: 0.010 min
Response: 12092047
Conc: 344.61 ng/ml



#21 AR-1248-1

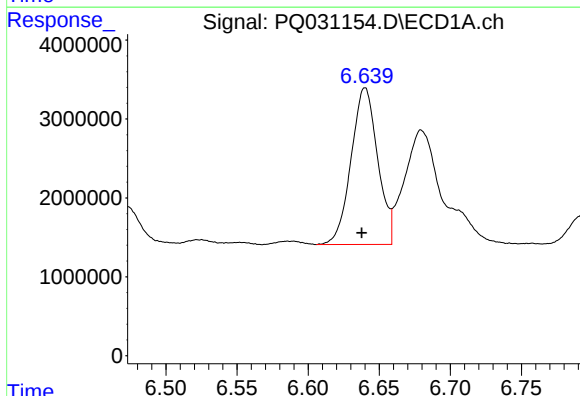
R.T.: 6.057 min
Delta R.T.: 0.001 min
Response: 17377003
Conc: 268.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



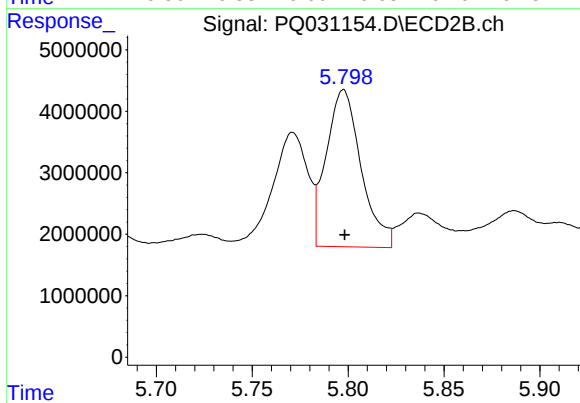
#21 AR-1248-1

R.T.: 5.226 min
Delta R.T.: -0.002 min
Response: 28524474
Conc: 421.24 ng/ml



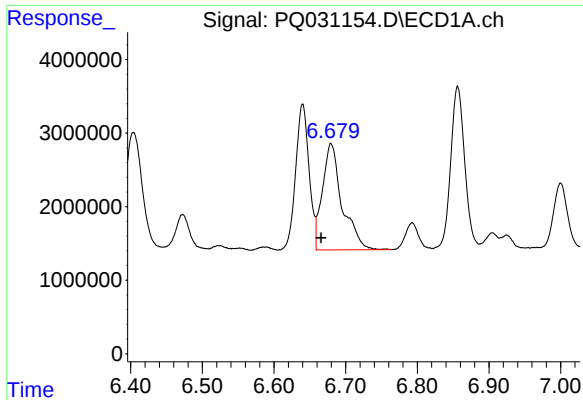
#22 AR-1248-2

R.T.: 6.640 min
Delta R.T.: 0.002 min
Response: 25808680
Conc: 370.27 ng/ml



#22 AR-1248-2

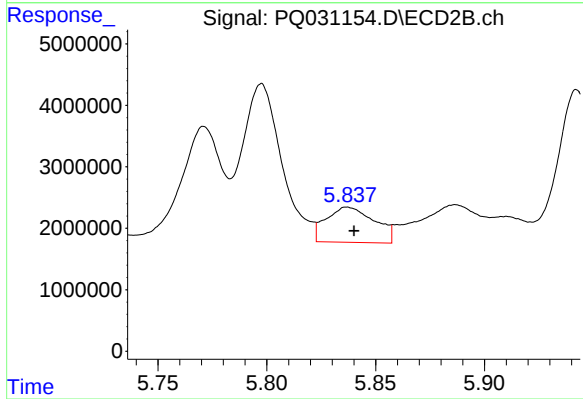
R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 32389364
Conc: 237.41 ng/ml



#23 AR-1248-3

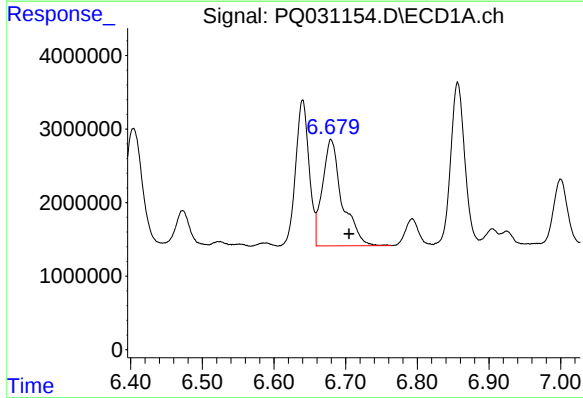
R.T.: 6.680 min
Delta R.T.: 0.014 min
Response: 27669576
Conc: 304.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



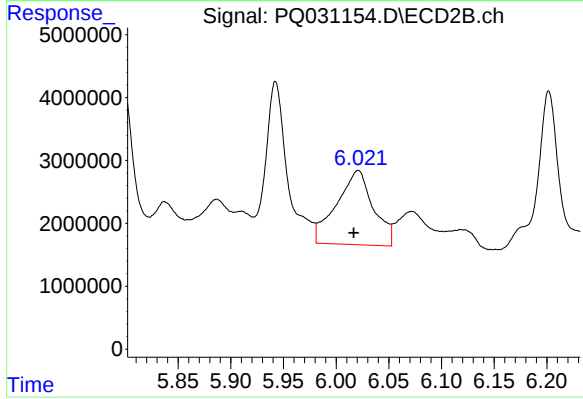
#23 AR-1248-3

R.T.: 5.837 min
Delta R.T.: -0.003 min
Response: 8880521
Conc: 95.89 ng/ml



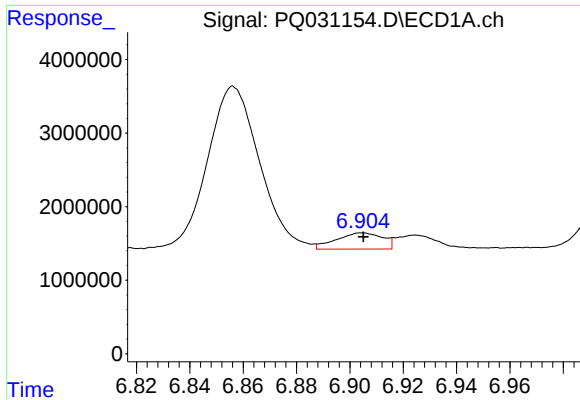
#24 AR-1248-4

R.T.: 6.680 min
Delta R.T.: -0.025 min
Response: 27669576
Conc: 317.65 ng/ml



#24 AR-1248-4

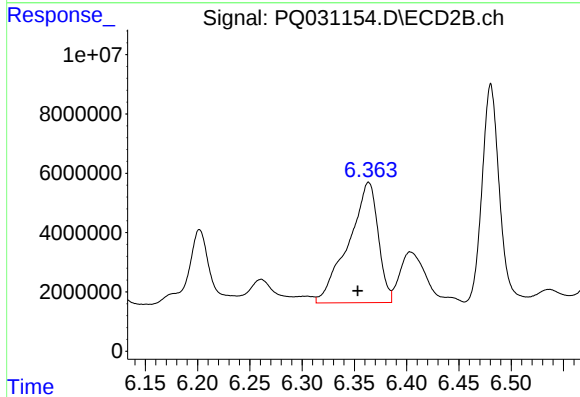
R.T.: 6.021 min
Delta R.T.: 0.004 min
Response: 28758649
Conc: 360.46 ng/ml



#25 AR-1248-5

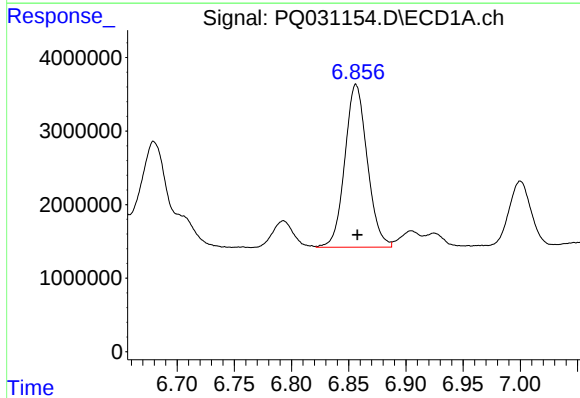
R.T.: 6.905 min
Delta R.T.: 0.000 min
Response: 2676944
Conc: 46.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



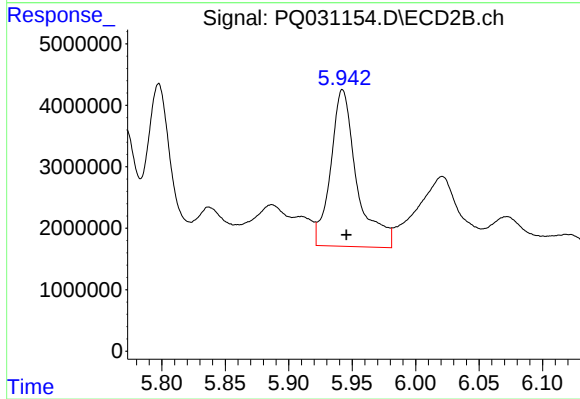
#25 AR-1248-5

R.T.: 6.364 min
Delta R.T.: 0.010 min
Response: 80158992
Conc: 1110.15 ng/ml



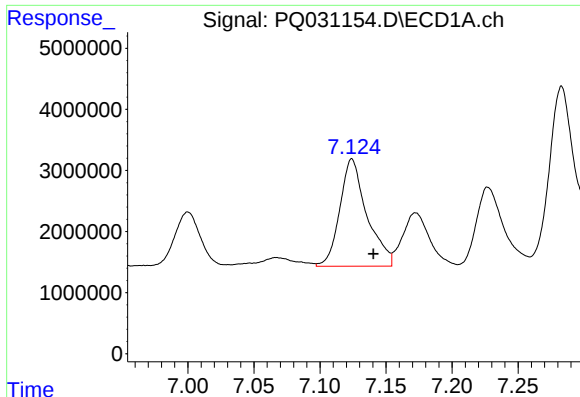
#26 AR-1254-1

R.T.: 6.856 min
Delta R.T.: -0.001 min
Response: 30212460
Conc: 188.96 ng/ml



#26 AR-1254-1

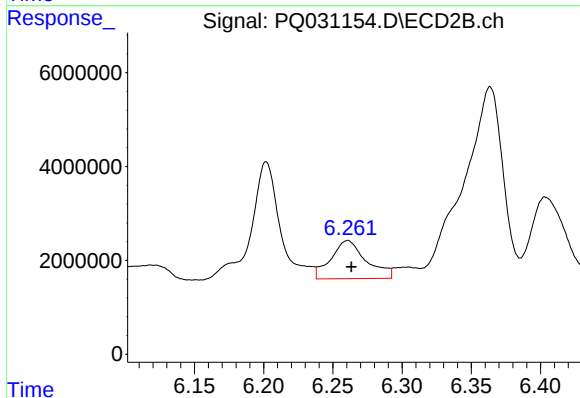
R.T.: 5.942 min
Delta R.T.: -0.003 min
Response: 36626510
Conc: 258.51 ng/ml



#27 AR-1254-2

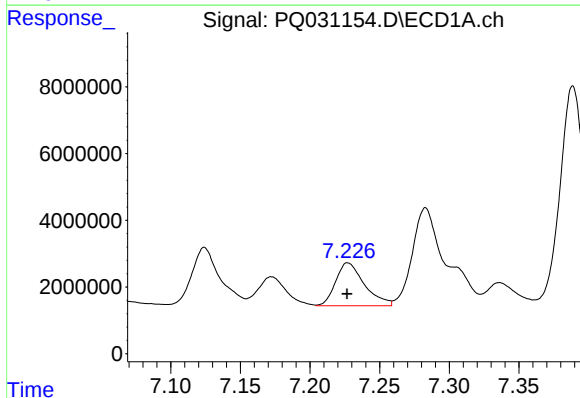
R.T.: 7.124 min
Delta R.T.: -0.016 min
Response: 25040094
Conc: 254.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



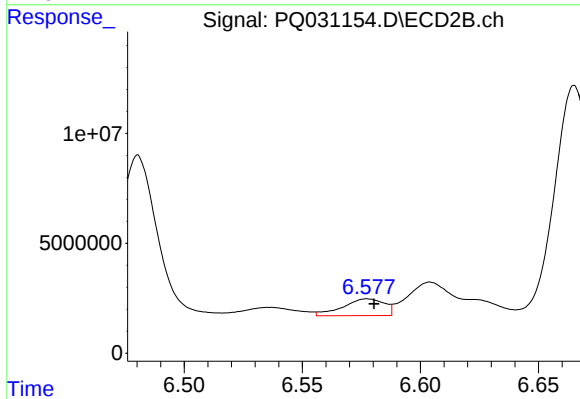
#27 AR-1254-2

R.T.: 6.261 min
Delta R.T.: -0.003 min
Response: 14430322
Conc: 120.68 ng/ml



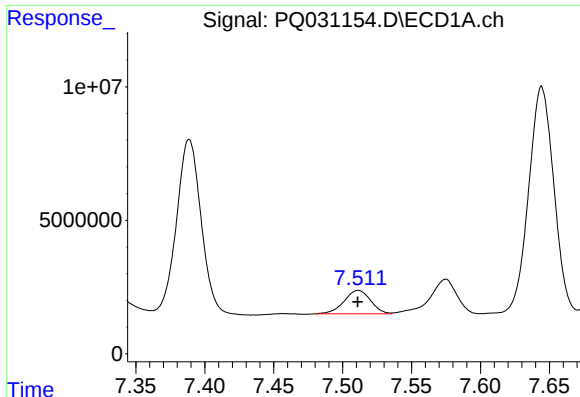
#28 AR-1254-3

R.T.: 7.227 min
Delta R.T.: 0.000 min
Response: 18510650
Conc: 103.53 ng/ml



#28 AR-1254-3

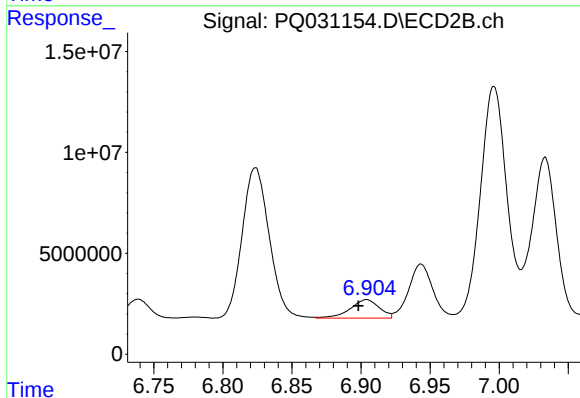
R.T.: 6.578 min
Delta R.T.: -0.003 min
Response: 9252753
Conc: 52.04 ng/ml



#29 AR-1254-4

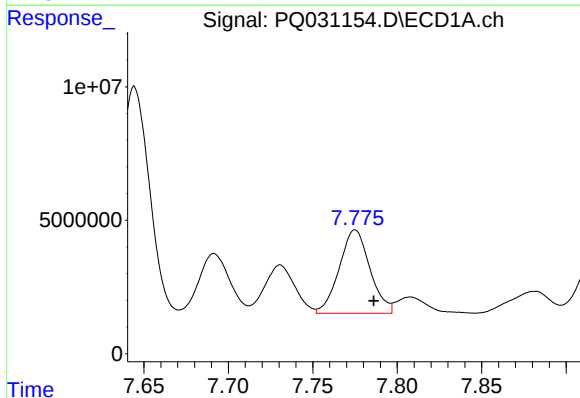
R.T.: 7.511 min
Delta R.T.: 0.000 min
Response: 11720450
Conc: 89.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



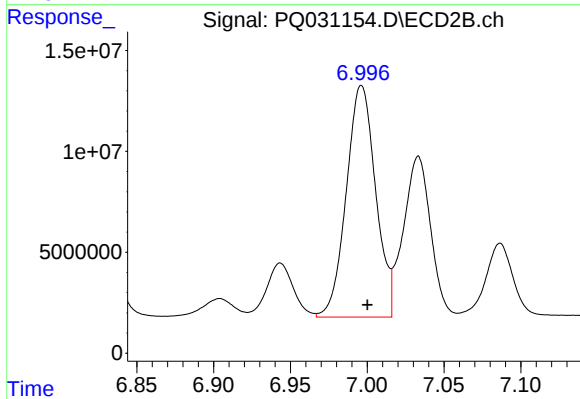
#29 AR-1254-4

R.T.: 6.904 min
Delta R.T.: 0.006 min
Response: 13317205
Conc: 124.23 ng/ml



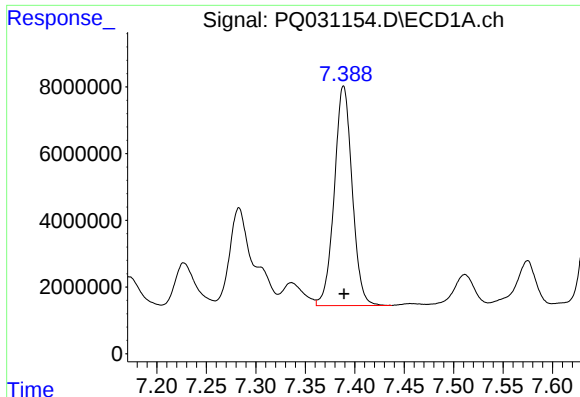
#30 AR-1254-5

R.T.: 7.775 min
Delta R.T.: -0.011 min
Response: 39616299
Conc: 395.04 ng/ml



#30 AR-1254-5

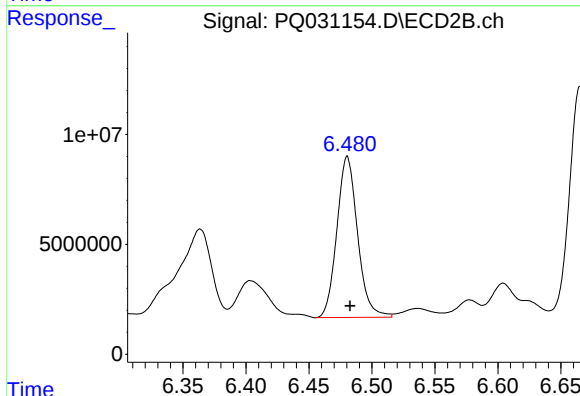
R.T.: 6.996 min
Delta R.T.: -0.004 min
Response: 152516011
Conc: 691.32 ng/ml



#31 AR-1260-1

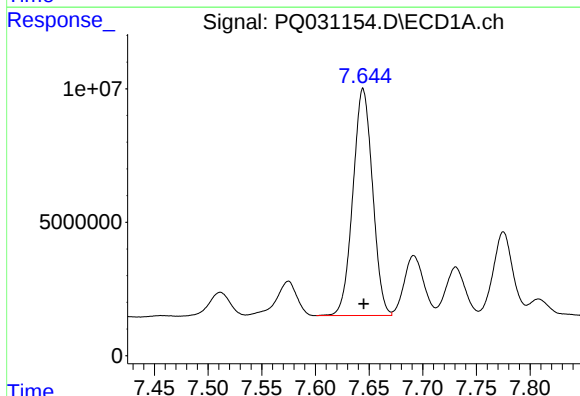
R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 82753504
Conc: 660.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



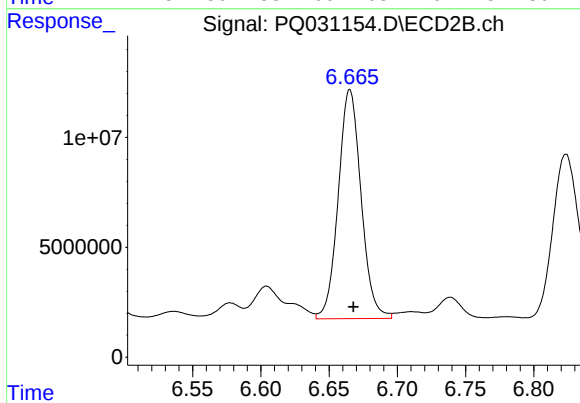
#31 AR-1260-1

R.T.: 6.480 min
Delta R.T.: -0.002 min
Response: 83819251
Conc: 563.59 ng/ml



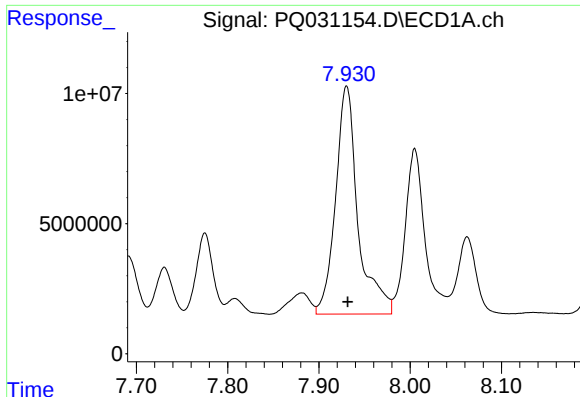
#32 AR-1260-2

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 108255808
Conc: 717.12 ng/ml



#32 AR-1260-2

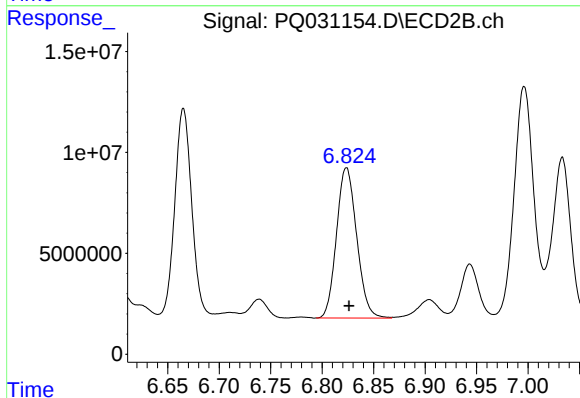
R.T.: 6.665 min
Delta R.T.: -0.003 min
Response: 121477004
Conc: 681.63 ng/ml



#33 AR-1260-3

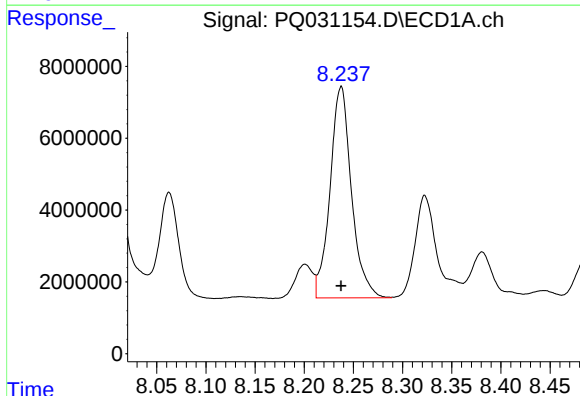
R.T.: 7.930 min
Delta R.T.: -0.001 min
Response: 149527148
Conc: 832.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



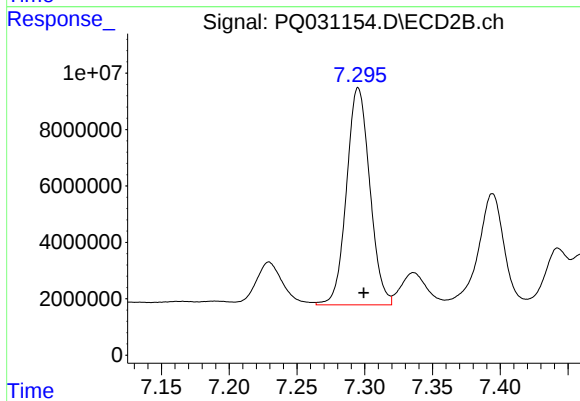
#33 AR-1260-3

R.T.: 6.824 min
Delta R.T.: -0.003 min
Response: 101703747
Conc: 591.63 ng/ml



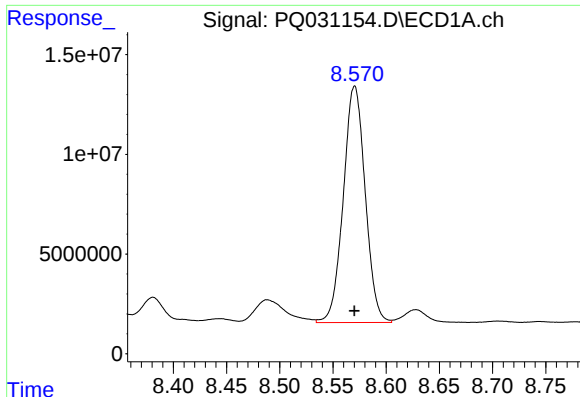
#34 AR-1260-4

R.T.: 8.238 min
Delta R.T.: 0.000 min
Response: 89281483
Conc: 691.84 ng/ml



#34 AR-1260-4

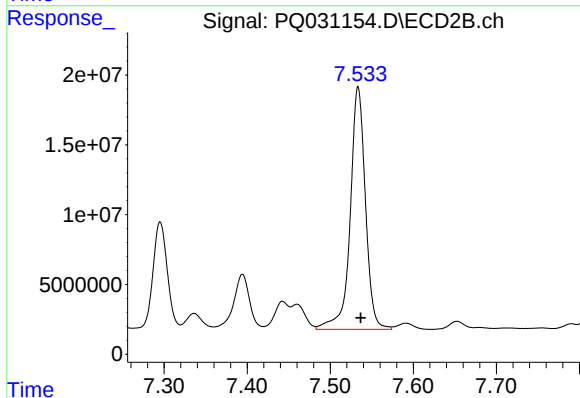
R.T.: 7.295 min
Delta R.T.: -0.004 min
Response: 92041545
Conc: 665.54 ng/ml



#35 AR-1260-5

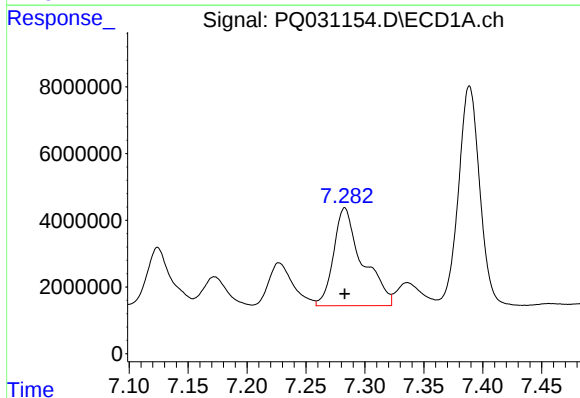
R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 169838771
Conc: 659.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



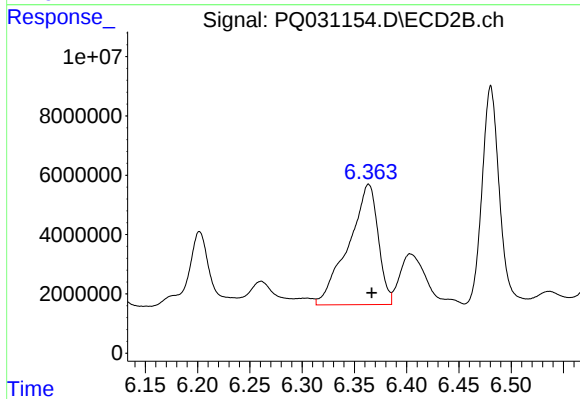
#35 AR-1260-5

R.T.: 7.534 min
Delta R.T.: -0.003 min
Response: 221728374
Conc: 693.20 ng/ml



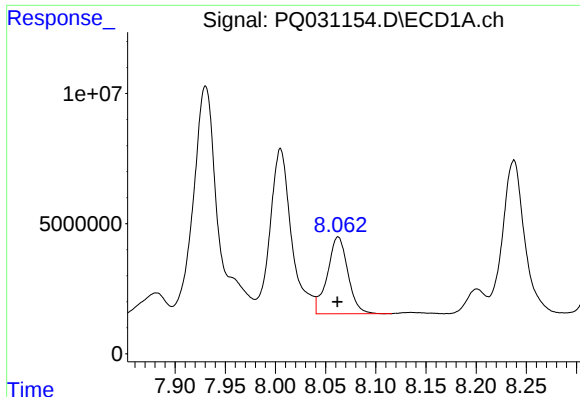
#36 AR-1262-1

R.T.: 7.283 min
Delta R.T.: 0.000 min
Response: 49852163
Conc: 626.44 ng/ml



#36 AR-1262-1

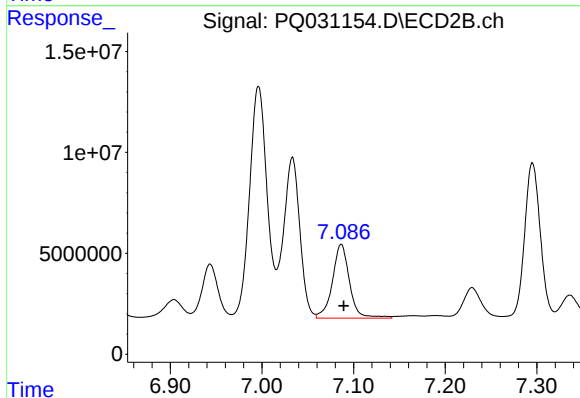
R.T.: 6.364 min
Delta R.T.: -0.003 min
Response: 80158992
Conc: 672.23 ng/ml



#37 AR-1262-2

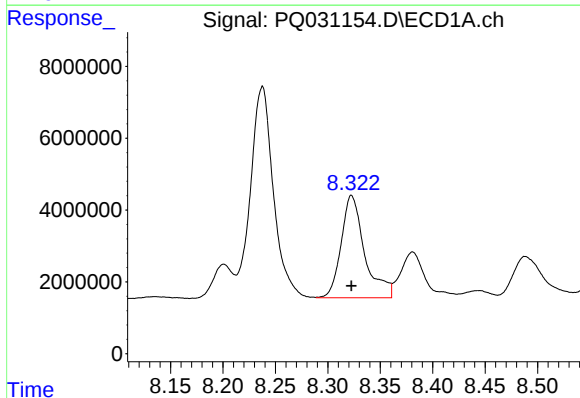
R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 42102853
Conc: 572.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



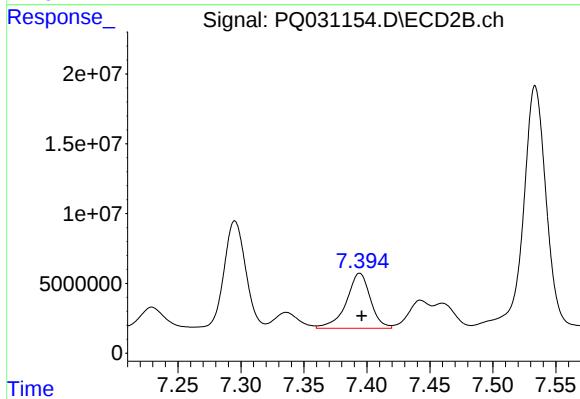
#37 AR-1262-2

R.T.: 7.087 min
Delta R.T.: -0.003 min
Response: 47519070
Conc: 495.74 ng/ml



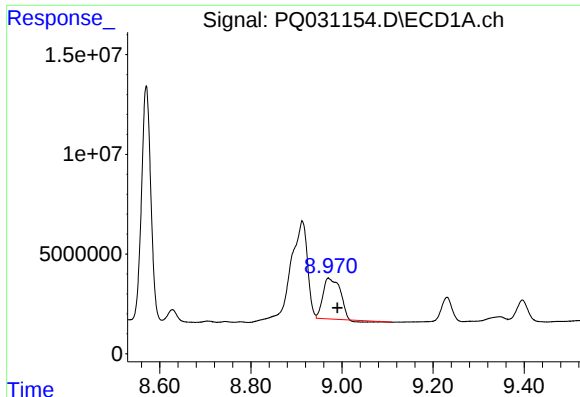
#38 AR-1262-3

R.T.: 8.323 min
Delta R.T.: 0.000 min
Response: 44410988
Conc: 503.30 ng/ml



#38 AR-1262-3

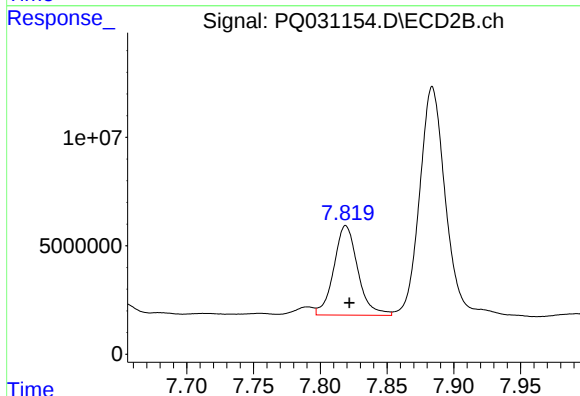
R.T.: 7.394 min
Delta R.T.: -0.002 min
Response: 52602900
Conc: 546.44 ng/ml



#39 AR-1262-4

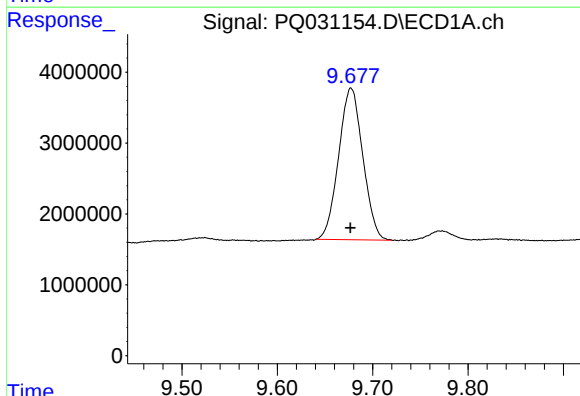
R.T.: 8.970 min
Delta R.T.: -0.020 min
Response: 51816615
Conc: 343.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



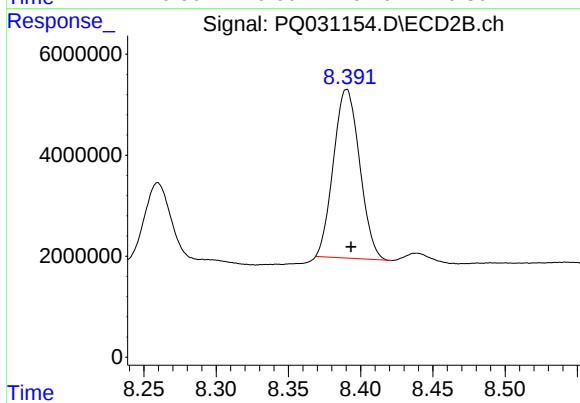
#39 AR-1262-4

R.T.: 7.819 min
Delta R.T.: -0.003 min
Response: 51666436
Conc: 305.18 ng/ml



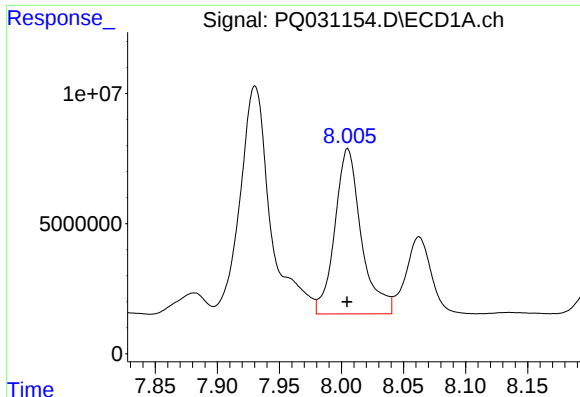
#40 AR-1262-5

R.T.: 9.677 min
Delta R.T.: 0.000 min
Response: 37676629
Conc: 377.84 ng/ml



#40 AR-1262-5

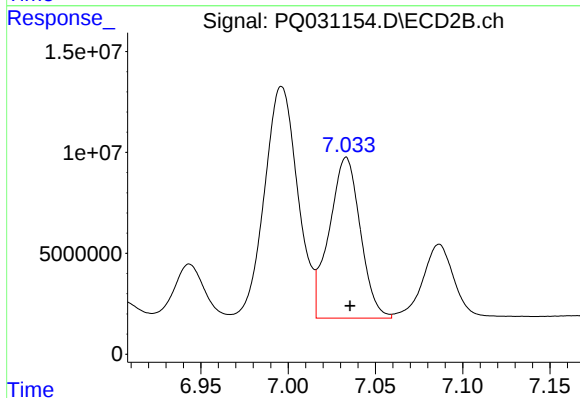
R.T.: 8.390 min
Delta R.T.: -0.003 min
Response: 42149235
Conc: 368.53 ng/ml



#41 AR-1268-1

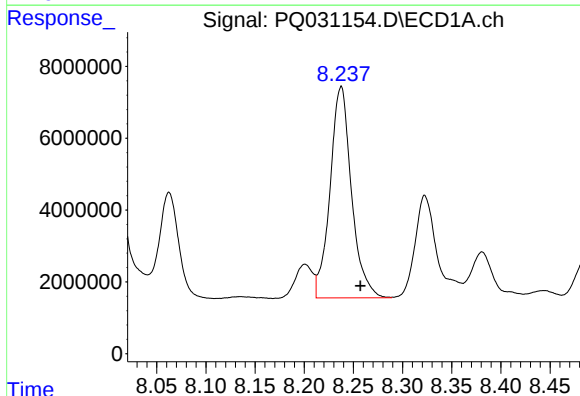
R.T.: 8.005 min
Delta R.T.: 0.000 min
Response: 94511772
Conc: 1289.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



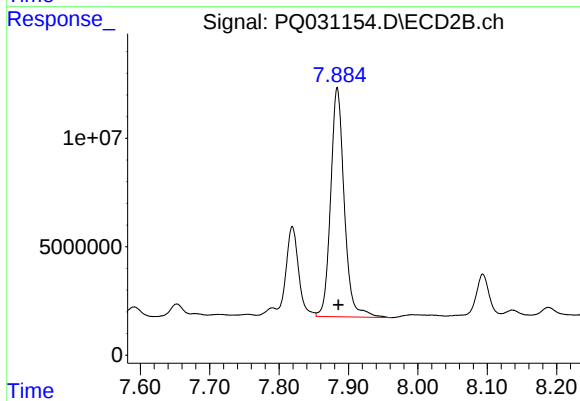
#41 AR-1268-1

R.T.: 7.033 min
Delta R.T.: -0.002 min
Response: 98832369
Conc: 1125.94 ng/ml



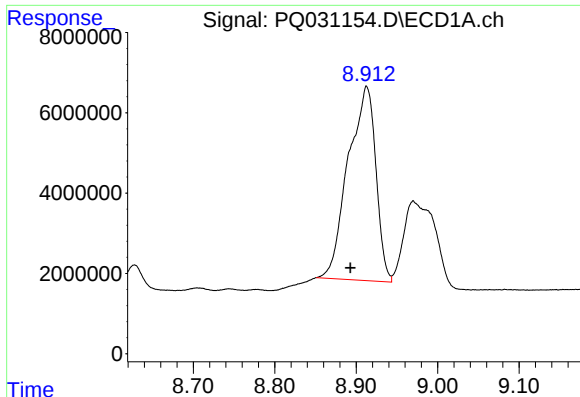
#42 AR-1268-2

R.T.: 8.238 min
Delta R.T.: -0.020 min
Response: 89281483
Conc: 901.59 ng/ml



#42 AR-1268-2

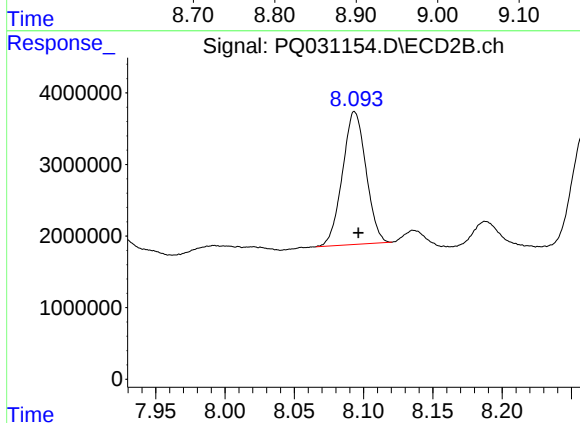
R.T.: 7.884 min
Delta R.T.: -0.002 min
Response: 143976342
Conc: 301.09 ng/ml



#43 AR-1268-3

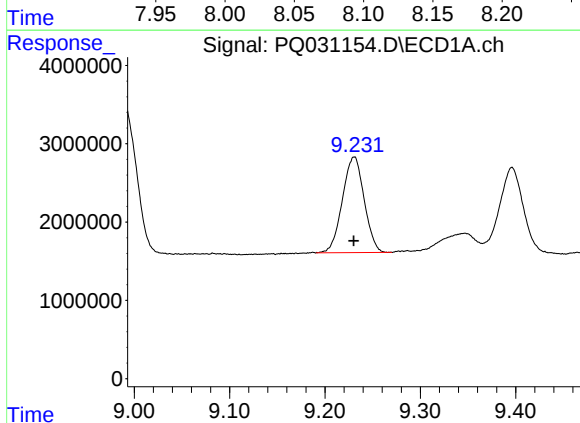
R.T.: 8.913 min
Delta R.T.: 0.020 min
Response: 114011771
Conc: 270.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



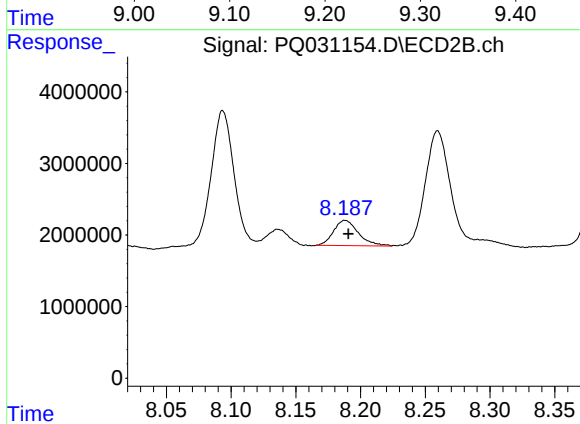
#43 AR-1268-3

R.T.: 8.094 min
Delta R.T.: -0.003 min
Response: 21923379
Conc: 56.07 ng/ml



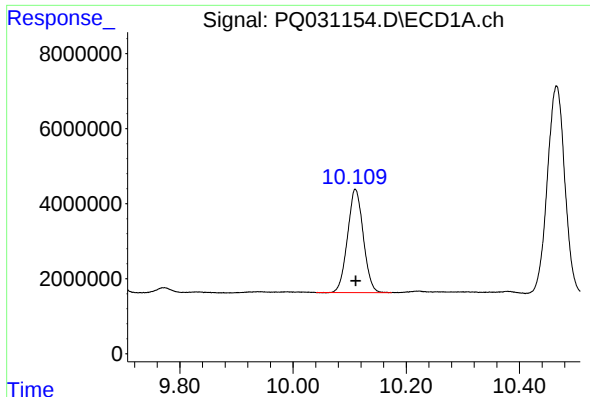
#44 AR-1268-4

R.T.: 9.231 min
Delta R.T.: 0.000 min
Response: 19368401
Conc: 61.14 ng/ml



#44 AR-1268-4

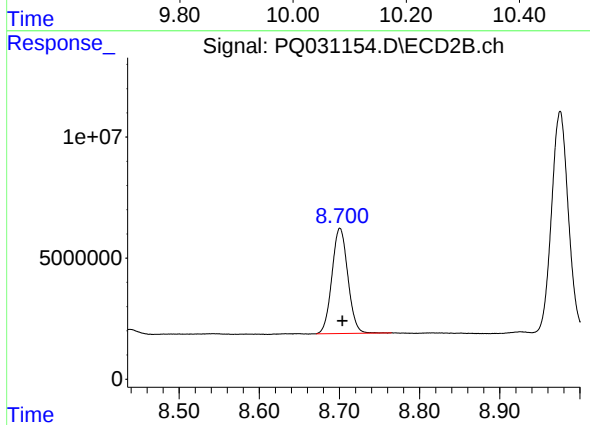
R.T.: 8.188 min
Delta R.T.: -0.003 min
Response: 4735368
Conc: 48.48 ng/ml



#45 AR-1268-5

R.T.: 10.110 min
Delta R.T.: -0.001 min
Response: 53184392
Conc: 59.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.701 min
Delta R.T.: -0.003 min
Response: 59908797
Conc: 54.96 ng/ml