

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ083118\
 Data File : PQ031537.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Aug 2018 14:56
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660305

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 05:26:33 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082718CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 28 06:51:23 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...	4.602	3.880	45999225	37526066	22.037	22.397
2)	SA Decachlor...	10.462	8.966	79161884	75045878	29.007	32.327
Target Compounds							
3)	L1 AR-1016-1	5.315	4.564	22694247	19377133	417.250	440.555
4)	L1 AR-1016-2	5.512	4.981	22851840	28618737	415.202	439.070
5)	L1 AR-1016-3	5.780	5.000	32117708	39757690	408.757	428.201
6)	L1 AR-1016-4	5.866	5.058	28882158	26884822	407.165	430.304
7)	L1 AR-1016-5	6.260	5.435	25150742	22647017	394.321	413.598
8)	L2 AR-1221-1	4.808	4.095	2666409	2321903	132.547	121.959
9)	L2 AR-1221-2	4.900	4.184	3542042	2424524	244.780	238.655
10)	L2 AR-1221-3	4.977	4.262	15243622	11834366	262.984	284.159
11)	L3 AR-1232-1	5.802	4.760	47714612	19564165	1062.823	1076.536
12)	L3 AR-1232-2	5.966	4.874	23691668	5353343	1066.306	1083.920
13)	L3 AR-1232-3	6.137	5.261	8146001	20430134	1164.913	1211.083
14)	L3 AR-1232-4	6.470	5.586	7129016	24134967	1072.149	1103.072
15)	L3 AR-1232-5	7.335	6.166	6710710	351961	1383.025	119.582 #
16)	L4 AR-1242-1	5.346	4.585	13397327	10907793	559.519	584.802
17)	L4 AR-1242-2	6.099	5.180	22373825	21090946	535.985	542.875
18)	L4 AR-1242-3	6.301	5.293	11247470	6677625	531.002	534.401
19)	L4 AR-1242-4	6.346	5.659	8728875	5798768	558.738	526.990
20)	L4 AR-1242-5	6.402	6.032	27477298	2094305	508.305	73.111 #
21)	L5 AR-1248-1	6.053	5.218	20861690	16400268	274.931	262.955
22)	L5 AR-1248-2	6.637	5.789	23453924	22894630	291.547	191.910 #
23)	L5 AR-1248-3	6.664	5.830	8280735	5170730	77.742	63.474
24)	L5 AR-1248-4	6.704	6.007	7166100	1232162	70.793	17.172 #
25)	L5 AR-1248-5	6.903	6.356	2519846	39403644	36.373	680.526 #
26)	L6 AR-1254-1	6.855	5.934	21030633	16572885	112.791	136.205
27)	L6 AR-1254-2	7.139	6.253	3595446	3277777	30.777	31.653
28)	L6 AR-1254-3	7.225	6.571	10560651	2675736	50.492	20.192 #
29)	L6 AR-1254-4	7.509	6.897	6528801	5760301	42.733	61.488 #
30)	L6 AR-1254-5	7.773	6.989	25697098	63607861	220.544	334.755 #
31)	L7 AR-1260-1	7.387	6.472	51415998	48541200	348.121	372.046
32)	L7 AR-1260-2	7.643	6.658	60333216	58348795	336.228	365.740
33)	L7 AR-1260-3	7.928	6.816	69482295	54775912	320.301	363.347
34)	L7 AR-1260-4	8.236	7.288	48334308	44179767	305.363	352.331
35)	L7 AR-1260-5	8.568	7.527	95654843	105.5E6	297.694	348.897
36)	L8 AR-1262-1	7.281	6.356	33638383	39403644	414.997	526.731 #
37)	L8 AR-1262-2	8.061	7.079	21748604	22069686	267.868	301.988
38)	L8 AR-1262-3	8.322	7.387	22664382	24327250	250.673	321.302 #
39)	L8 AR-1262-4	8.969	7.812	34175548	20519335	187.758	145.828
40)	L8 AR-1262-5	9.674	8.383	23219898	22677296	180.226	205.177
41)	L9 AR-1268-1	8.003	7.025	42412487	45743562	468.360	553.430

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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Aug 2018 14:56
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

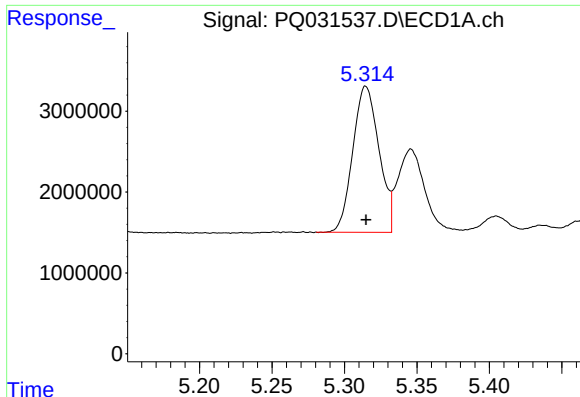
Instrument :
 ECD_Q
 ClientSampleId :
 AR1660305

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 05:26:33 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082718CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 28 06:51:23 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
42) L9	AR-1268-2	8.236	7.876	48334308	70911768	407.770	165.370 #
43) L9	AR-1268-3	8.910	8.086	57960868	1268151	113.101	3.531 #
44) L9	AR-1268-4	9.227	8.180	1353181	786808	3.431	8.216 #
45) L9	AR-1268-5	10.107	8.693	6575354	5714906	5.507	5.313

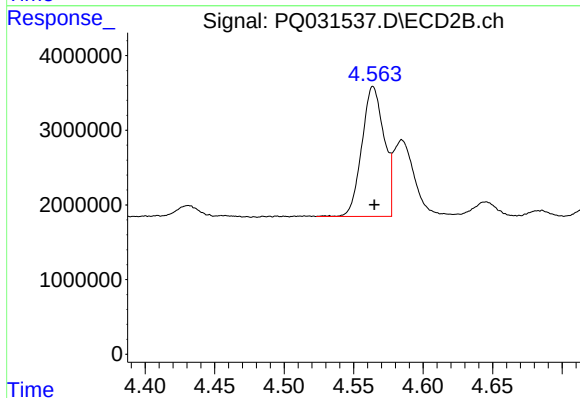
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

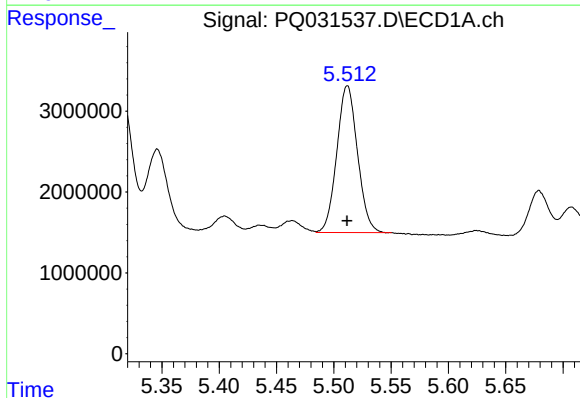
R.T.: 5.315 min
Delta R.T.: 0.000 min
Response: 22694247
Conc: 417.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



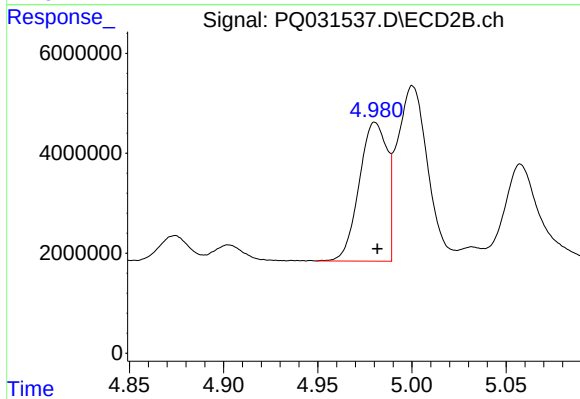
#3 AR-1016-1

R.T.: 4.564 min
Delta R.T.: 0.000 min
Response: 19377133
Conc: 440.55 ng/ml



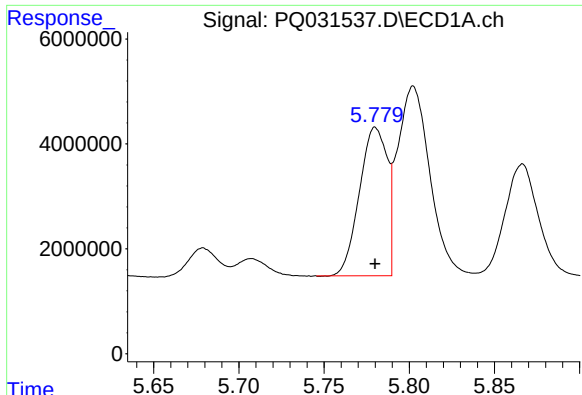
#4 AR-1016-2

R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 22851840
Conc: 415.20 ng/ml



#4 AR-1016-2

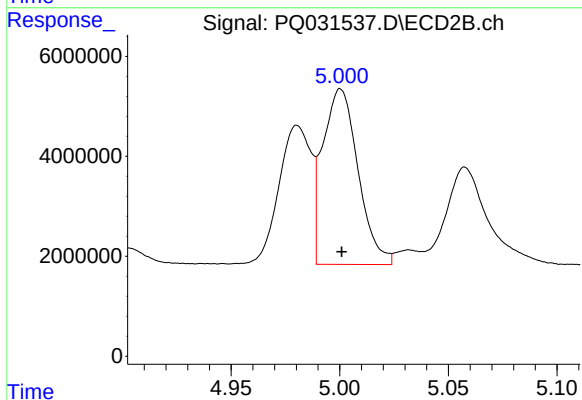
R.T.: 4.981 min
Delta R.T.: -0.001 min
Response: 28618737
Conc: 439.07 ng/ml



#5 AR-1016-3

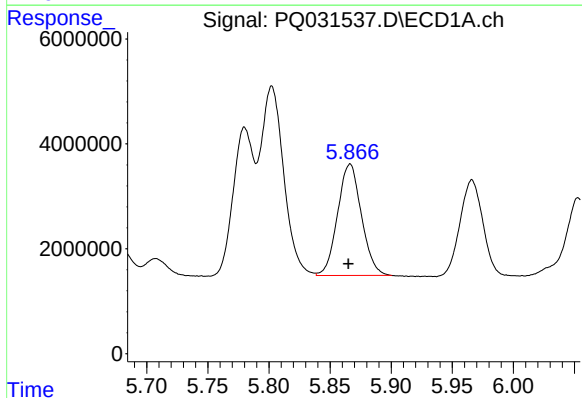
R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 32117708
Conc: 408.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



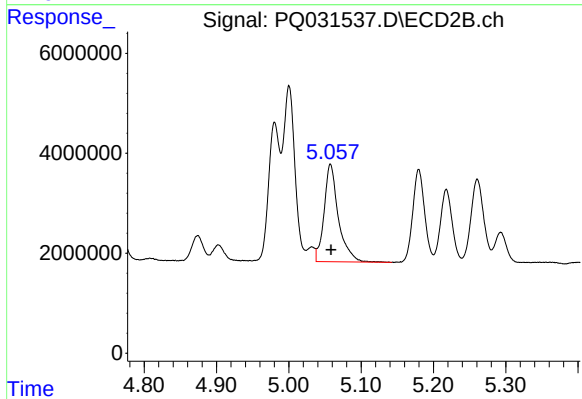
#5 AR-1016-3

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 39757690
Conc: 428.20 ng/ml



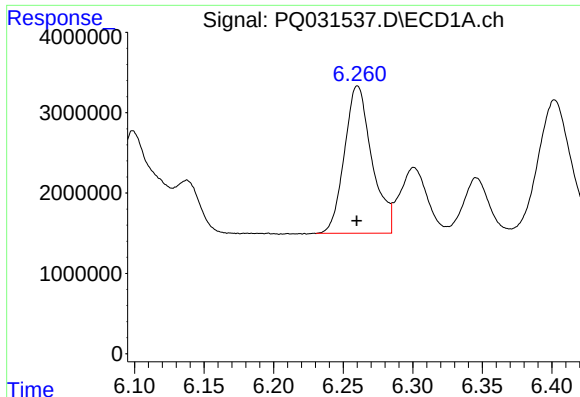
#6 AR-1016-4

R.T.: 5.866 min
Delta R.T.: 0.001 min
Response: 28882158
Conc: 407.17 ng/ml



#6 AR-1016-4

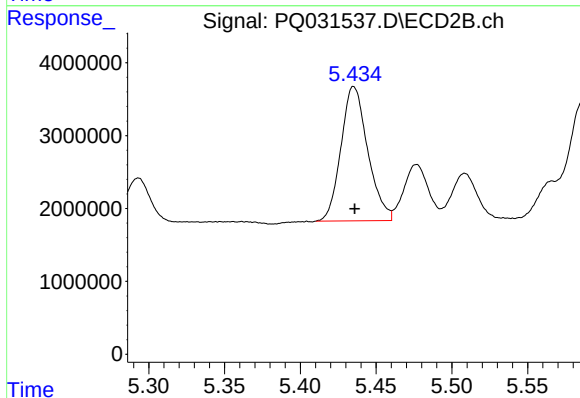
R.T.: 5.058 min
Delta R.T.: 0.000 min
Response: 26884822
Conc: 430.30 ng/ml



#7 AR-1016-5

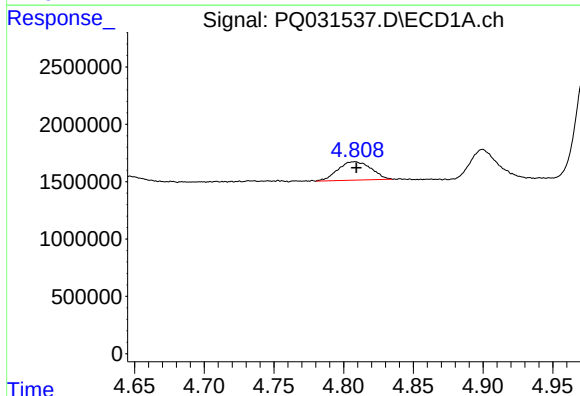
R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 25150742
Conc: 394.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



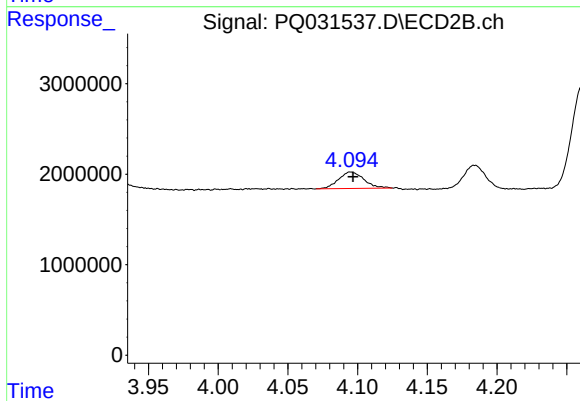
#7 AR-1016-5

R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 22647017
Conc: 413.60 ng/ml



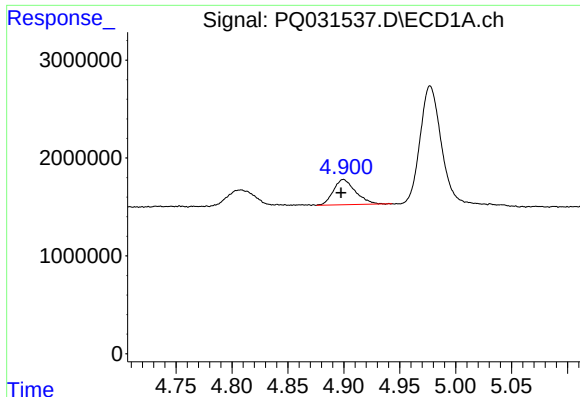
#8 AR-1221-1

R.T.: 4.808 min
Delta R.T.: -0.001 min
Response: 2666409
Conc: 132.55 ng/ml



#8 AR-1221-1

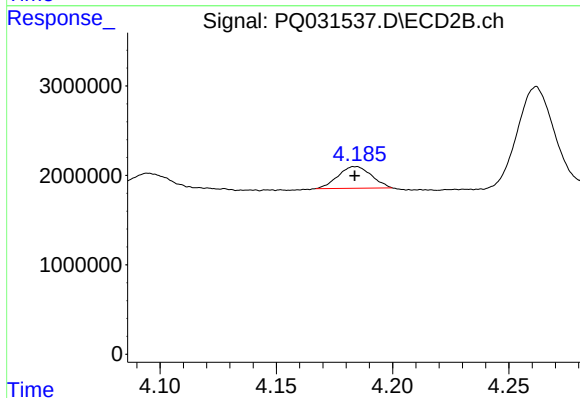
R.T.: 4.095 min
Delta R.T.: -0.002 min
Response: 2321903
Conc: 121.96 ng/ml



#9 AR-1221-2

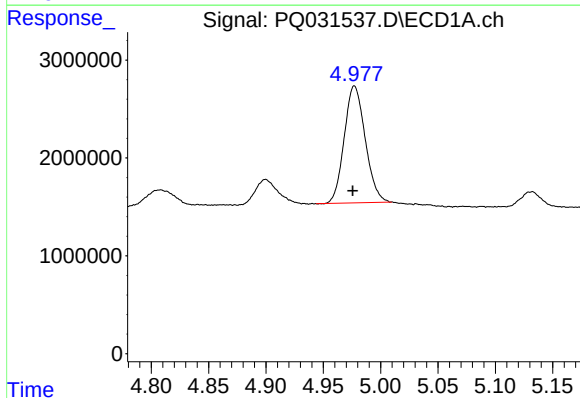
R.T.: 4.900 min
Delta R.T.: 0.002 min
Response: 3542042
Conc: 244.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



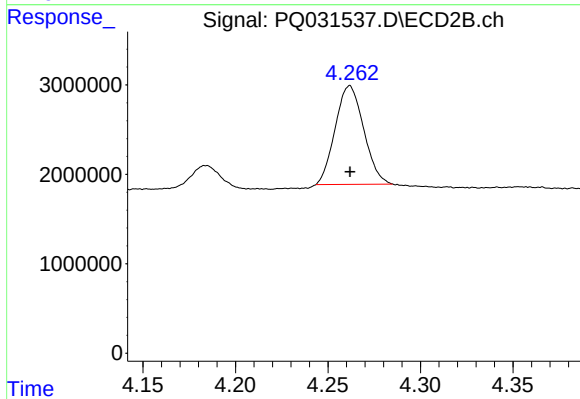
#9 AR-1221-2

R.T.: 4.184 min
Delta R.T.: 0.000 min
Response: 2424524
Conc: 238.65 ng/ml



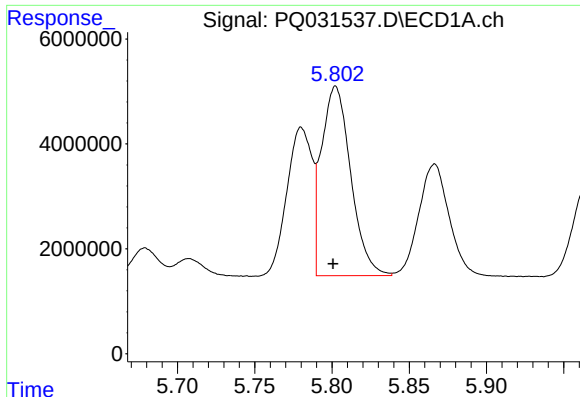
#10 AR-1221-3

R.T.: 4.977 min
Delta R.T.: 0.002 min
Response: 15243622
Conc: 262.98 ng/ml



#10 AR-1221-3

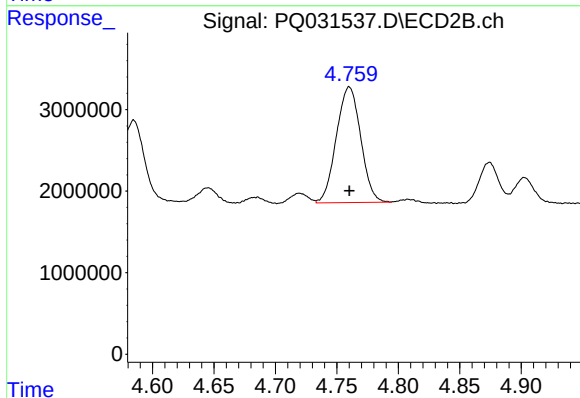
R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 11834366
Conc: 284.16 ng/ml



#11 AR-1232-1

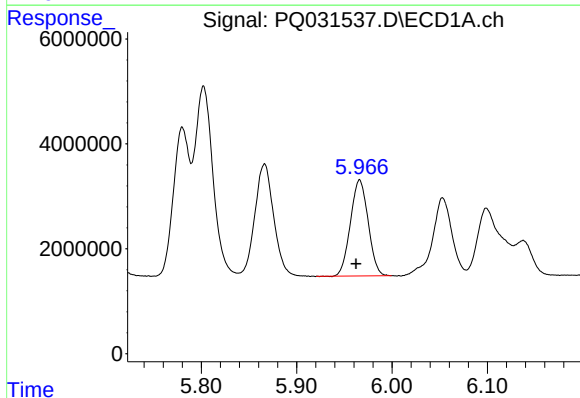
R.T.: 5.802 min
Delta R.T.: 0.002 min
Response: 47714612
Conc: 1062.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



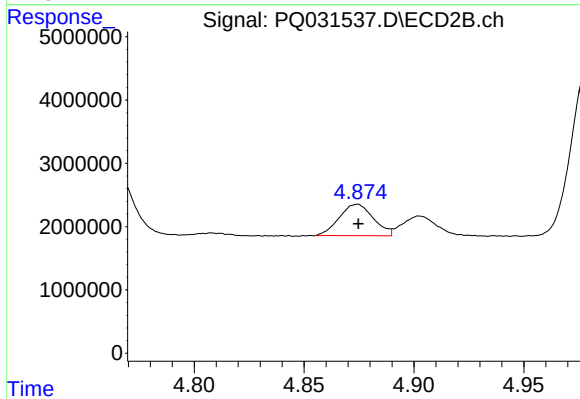
#11 AR-1232-1

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 19564165
Conc: 1076.54 ng/ml



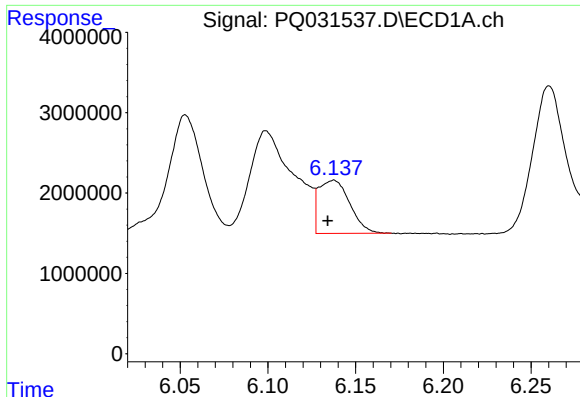
#12 AR-1232-2

R.T.: 5.966 min
Delta R.T.: 0.004 min
Response: 23691668
Conc: 1066.31 ng/ml



#12 AR-1232-2

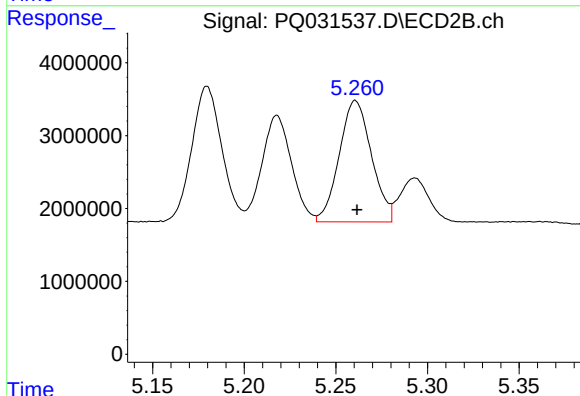
R.T.: 4.874 min
Delta R.T.: 0.000 min
Response: 5353343
Conc: 1083.92 ng/ml



#13 AR-1232-3

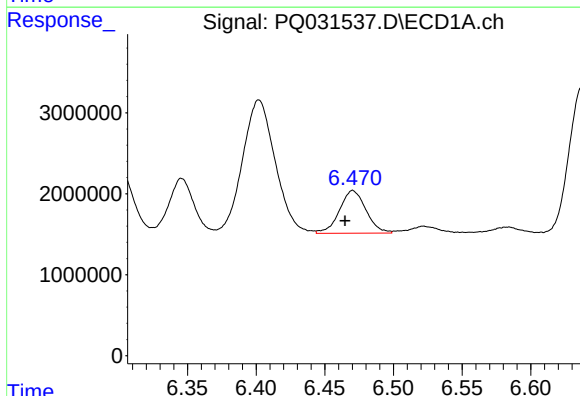
R.T.: 6.137 min
Delta R.T.: 0.003 min
Response: 8146001
Conc: 1164.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



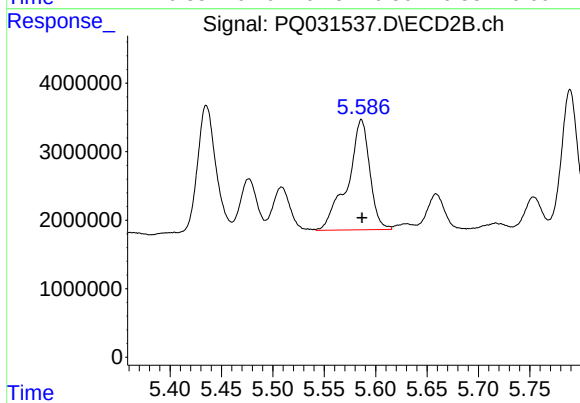
#13 AR-1232-3

R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 20430134
Conc: 1211.08 ng/ml



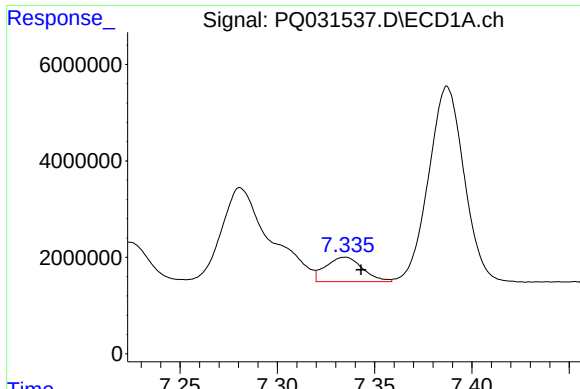
#14 AR-1232-4

R.T.: 6.470 min
Delta R.T.: 0.006 min
Response: 7129016
Conc: 1072.15 ng/ml



#14 AR-1232-4

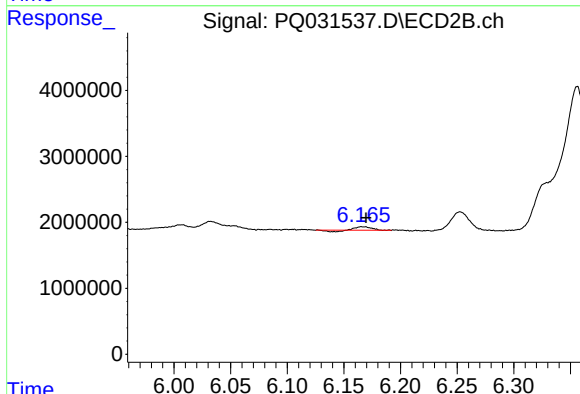
R.T.: 5.586 min
Delta R.T.: 0.000 min
Response: 24134967
Conc: 1103.07 ng/ml



#15 AR-1232-5

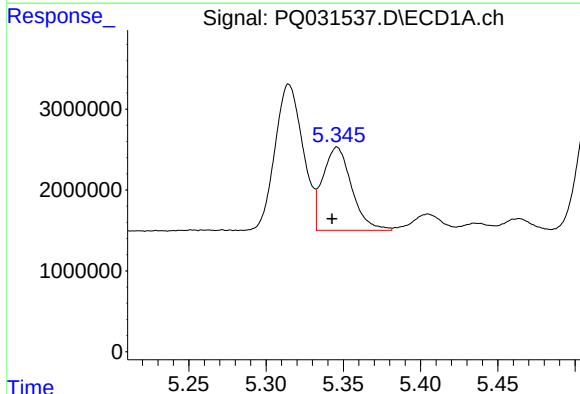
R.T.: 7.335 min
Delta R.T.: -0.008 min
Response: 6710710
Conc: 1383.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



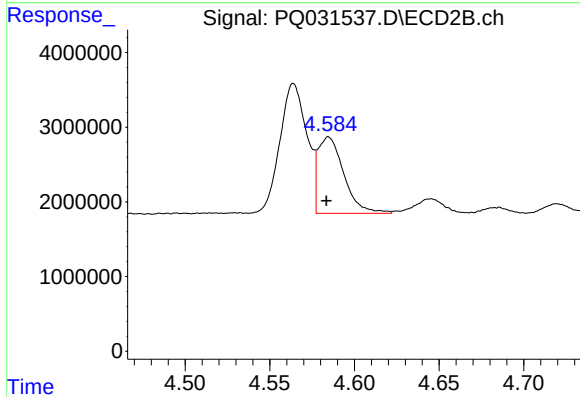
#15 AR-1232-5

R.T.: 6.166 min
Delta R.T.: -0.003 min
Response: 351961
Conc: 119.58 ng/ml



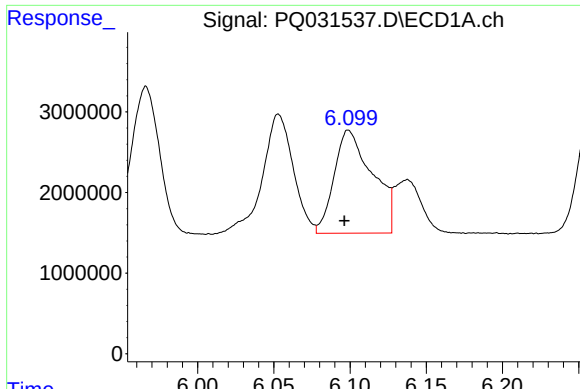
#16 AR-1242-1

R.T.: 5.346 min
Delta R.T.: 0.003 min
Response: 13397327
Conc: 559.52 ng/ml



#16 AR-1242-1

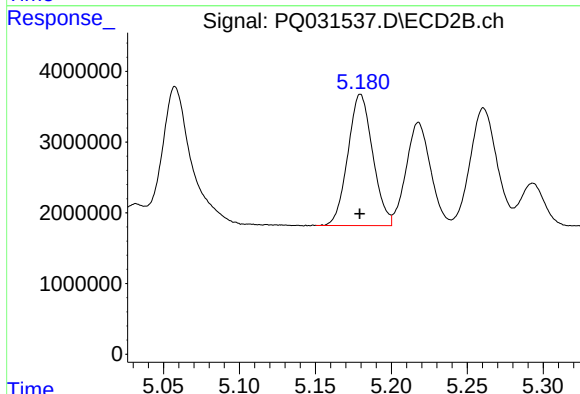
R.T.: 4.585 min
Delta R.T.: 0.001 min
Response: 10907793
Conc: 584.80 ng/ml



#17 AR-1242-2

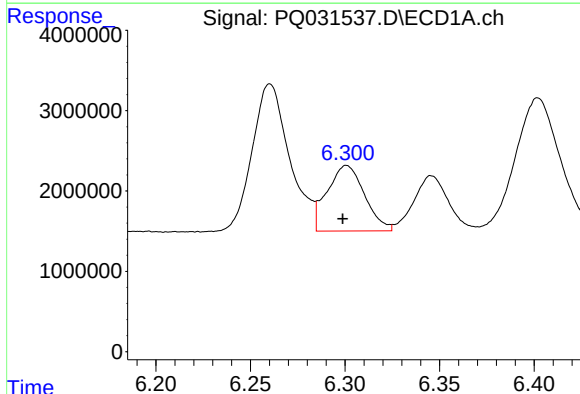
R.T.: 6.099 min
Delta R.T.: 0.003 min
Response: 22373825
Conc: 535.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



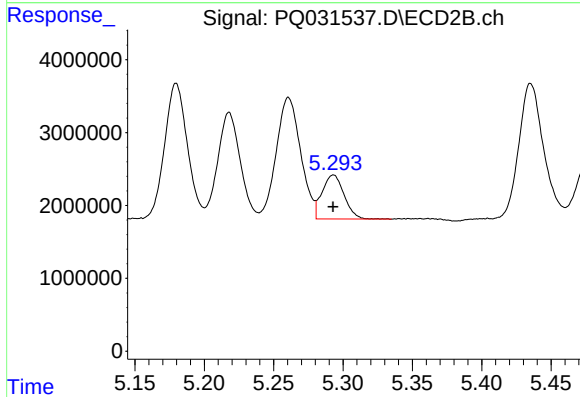
#17 AR-1242-2

R.T.: 5.180 min
Delta R.T.: 0.000 min
Response: 21090946
Conc: 542.87 ng/ml



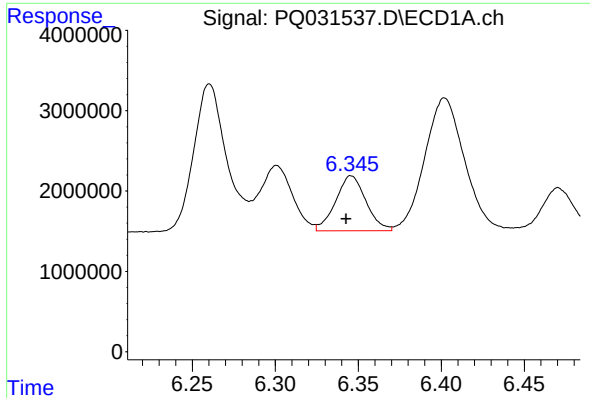
#18 AR-1242-3

R.T.: 6.301 min
Delta R.T.: 0.002 min
Response: 11247470
Conc: 531.00 ng/ml



#18 AR-1242-3

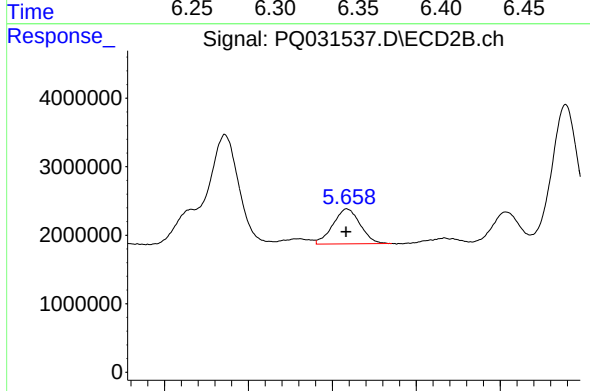
R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 6677625
Conc: 534.40 ng/ml



#19 AR-1242-4

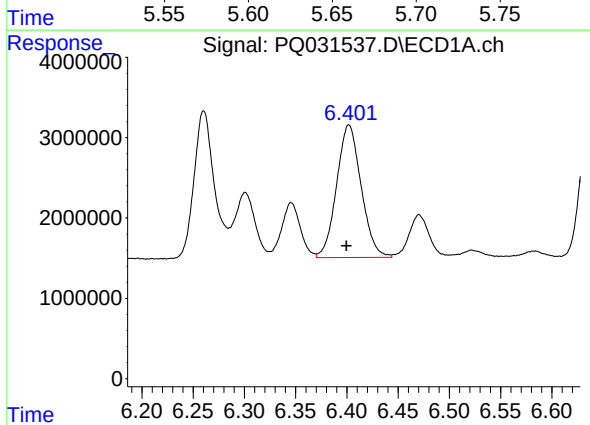
R.T.: 6.346 min
Delta R.T.: 0.003 min
Response: 8728875
Conc: 558.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



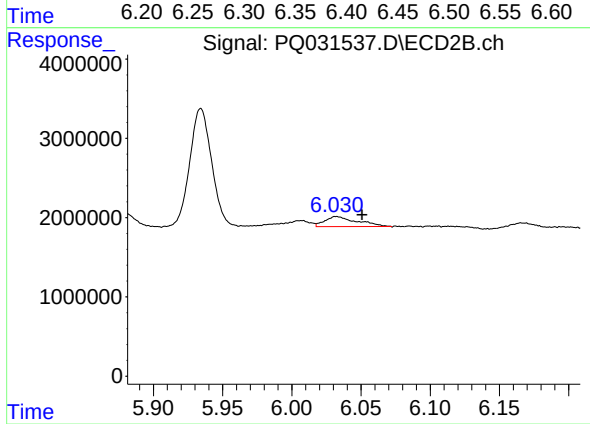
#19 AR-1242-4

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 5798768
Conc: 526.99 ng/ml



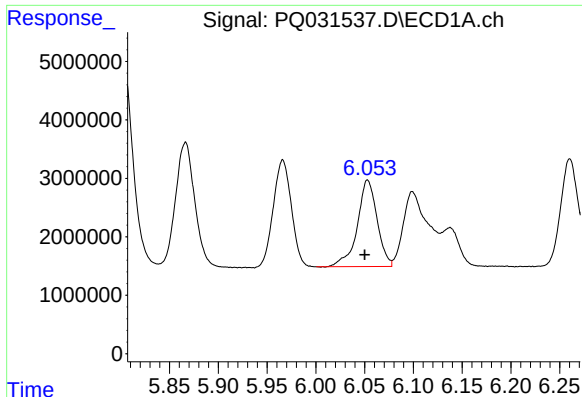
#20 AR-1242-5

R.T.: 6.402 min
Delta R.T.: 0.003 min
Response: 27477298
Conc: 508.31 ng/ml



#20 AR-1242-5

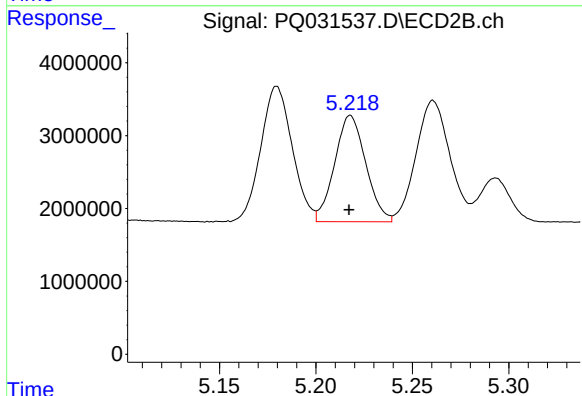
R.T.: 6.032 min
Delta R.T.: -0.018 min
Response: 2094305
Conc: 73.11 ng/ml



#21 AR-1248-1

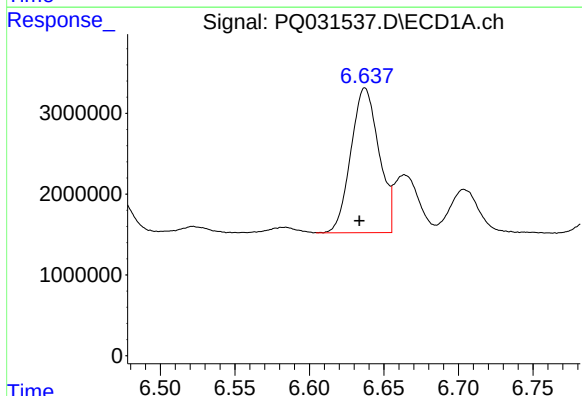
R.T.: 6.053 min
Delta R.T.: 0.003 min
Response: 20861690
Conc: 274.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



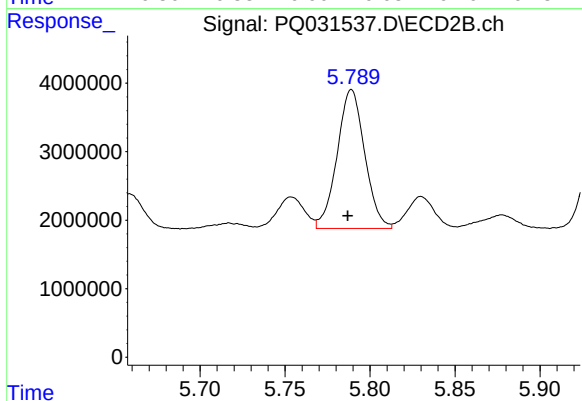
#21 AR-1248-1

R.T.: 5.218 min
Delta R.T.: 0.000 min
Response: 16400268
Conc: 262.96 ng/ml



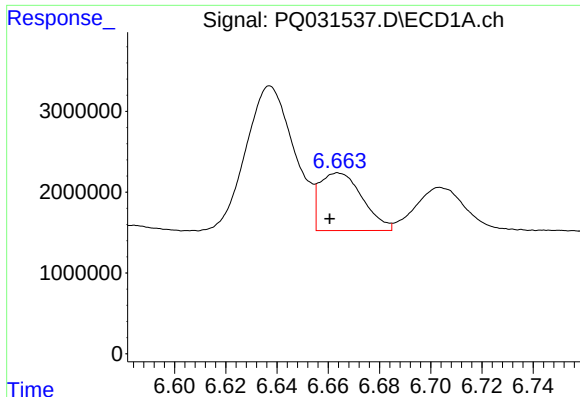
#22 AR-1248-2

R.T.: 6.637 min
Delta R.T.: 0.004 min
Response: 23453924
Conc: 291.55 ng/ml



#22 AR-1248-2

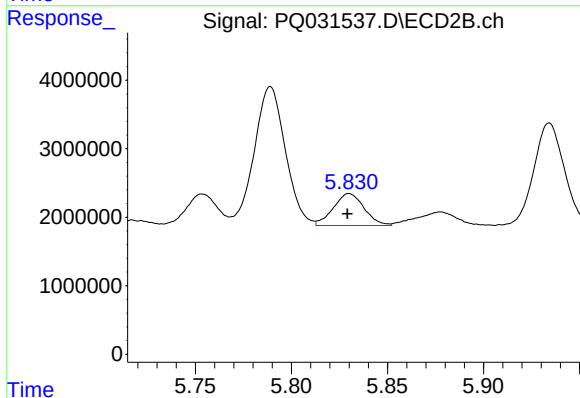
R.T.: 5.789 min
Delta R.T.: 0.002 min
Response: 22894630
Conc: 191.91 ng/ml



#23 AR-1248-3

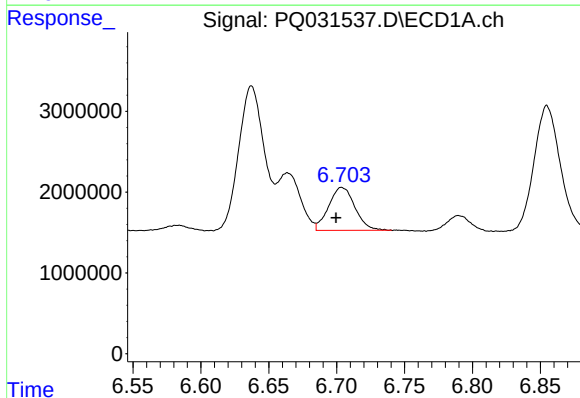
R.T.: 6.664 min
Delta R.T.: 0.003 min
Response: 8280735
Conc: 77.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



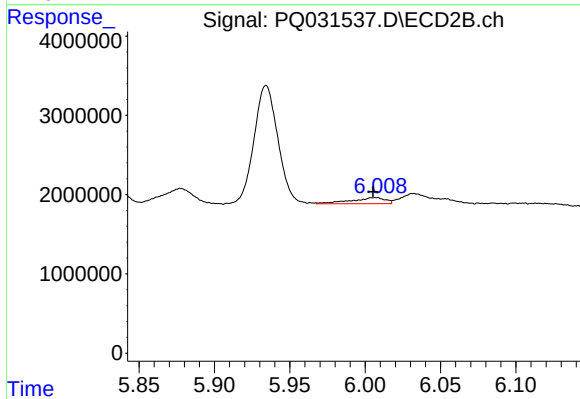
#23 AR-1248-3

R.T.: 5.830 min
Delta R.T.: 0.000 min
Response: 5170730
Conc: 63.47 ng/ml



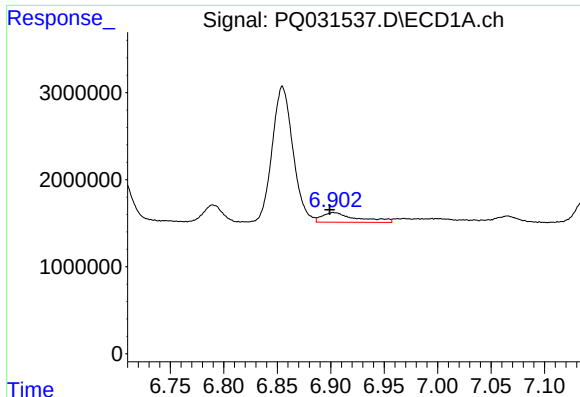
#24 AR-1248-4

R.T.: 6.704 min
Delta R.T.: 0.004 min
Response: 7166100
Conc: 70.79 ng/ml



#24 AR-1248-4

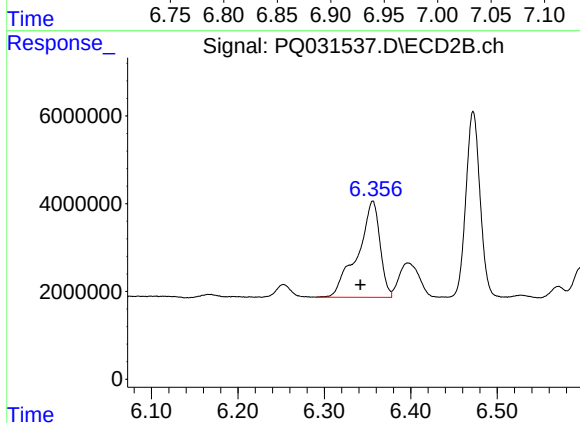
R.T.: 6.007 min
Delta R.T.: 0.001 min
Response: 1232162
Conc: 17.17 ng/ml



#25 AR-1248-5

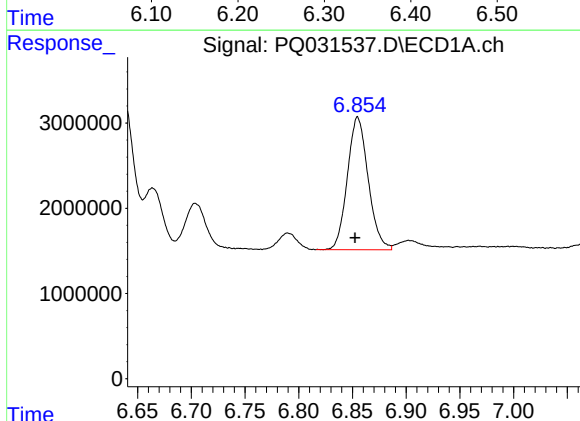
R.T.: 6.903 min
Delta R.T.: 0.003 min
Response: 2519846
Conc: 36.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



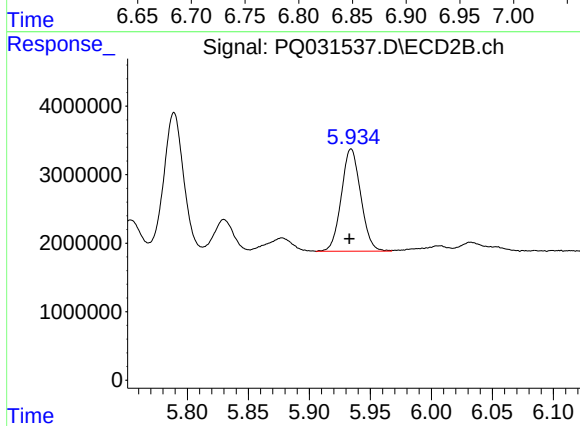
#25 AR-1248-5

R.T.: 6.356 min
Delta R.T.: 0.014 min
Response: 39403644
Conc: 680.53 ng/ml



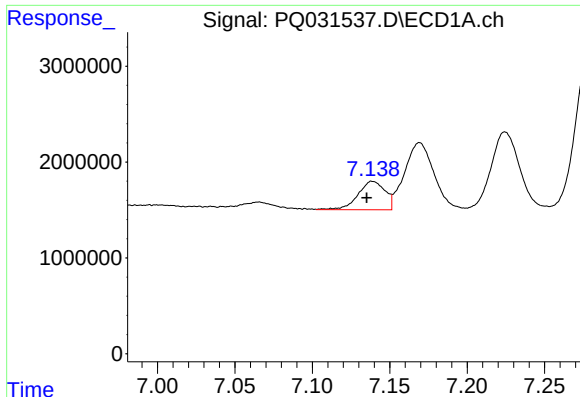
#26 AR-1254-1

R.T.: 6.855 min
Delta R.T.: 0.003 min
Response: 21030633
Conc: 112.79 ng/ml



#26 AR-1254-1

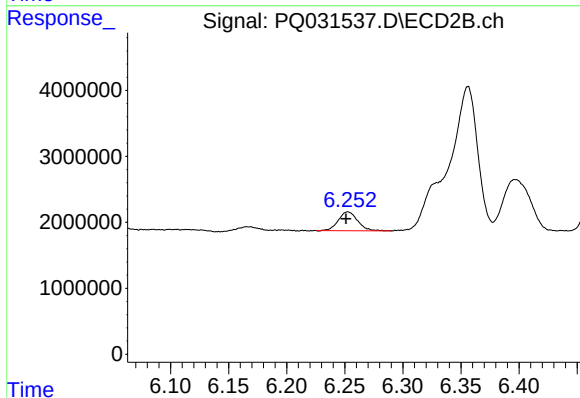
R.T.: 5.934 min
Delta R.T.: 0.001 min
Response: 16572885
Conc: 136.21 ng/ml



#27 AR-1254-2

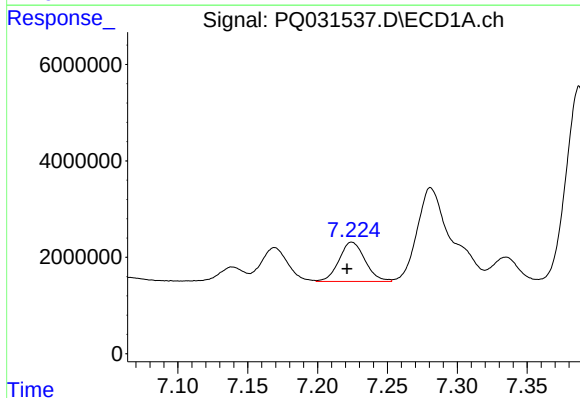
R.T.: 7.139 min
Delta R.T.: 0.004 min
Response: 3595446
Conc: 30.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



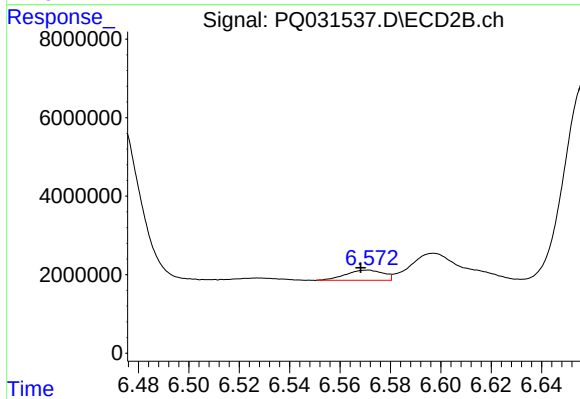
#27 AR-1254-2

R.T.: 6.253 min
Delta R.T.: 0.002 min
Response: 3277777
Conc: 31.65 ng/ml



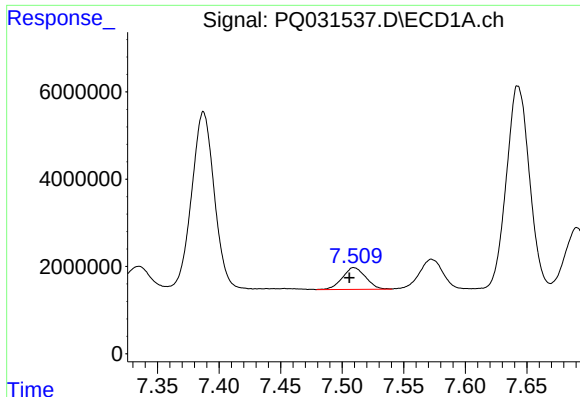
#28 AR-1254-3

R.T.: 7.225 min
Delta R.T.: 0.003 min
Response: 10560651
Conc: 50.49 ng/ml



#28 AR-1254-3

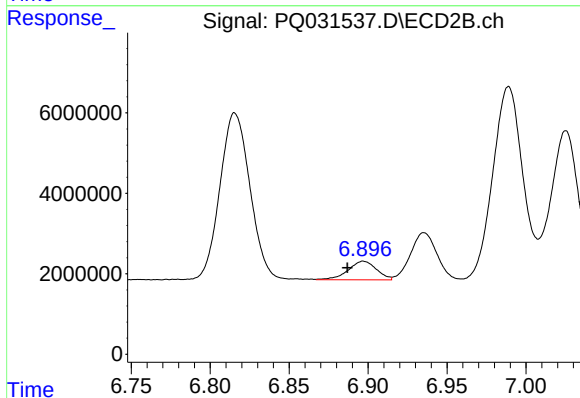
R.T.: 6.571 min
Delta R.T.: 0.003 min
Response: 2675736
Conc: 20.19 ng/ml



#29 AR-1254-4

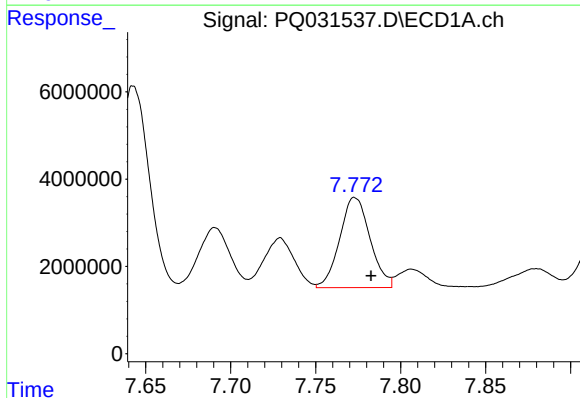
R.T.: 7.509 min
Delta R.T.: 0.003 min
Response: 6528801
Conc: 42.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



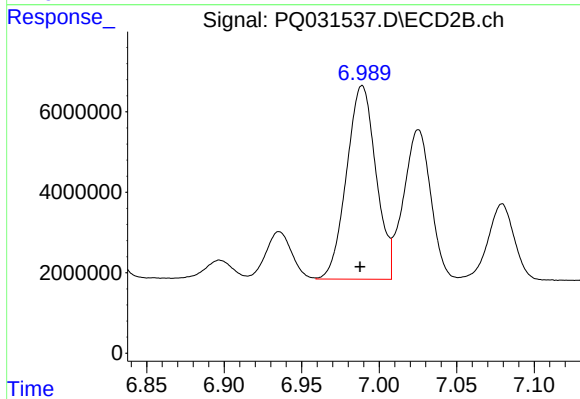
#29 AR-1254-4

R.T.: 6.897 min
Delta R.T.: 0.010 min
Response: 5760301
Conc: 61.49 ng/ml



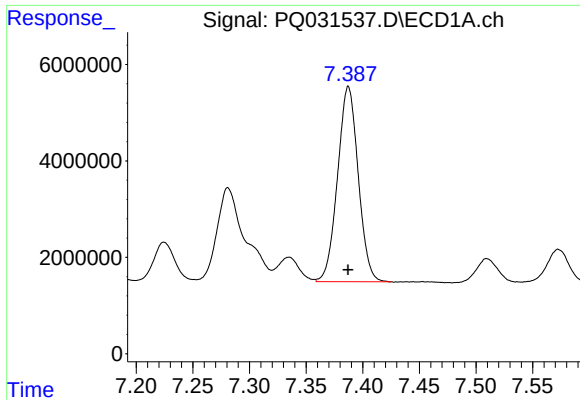
#30 AR-1254-5

R.T.: 7.773 min
Delta R.T.: -0.010 min
Response: 25697098
Conc: 220.54 ng/ml



#30 AR-1254-5

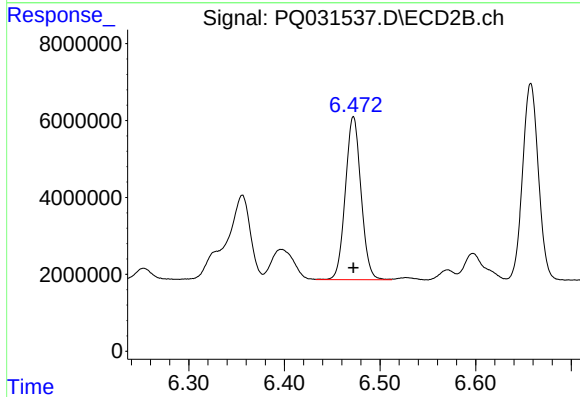
R.T.: 6.989 min
Delta R.T.: 0.001 min
Response: 63607861
Conc: 334.76 ng/ml



#31 AR-1260-1

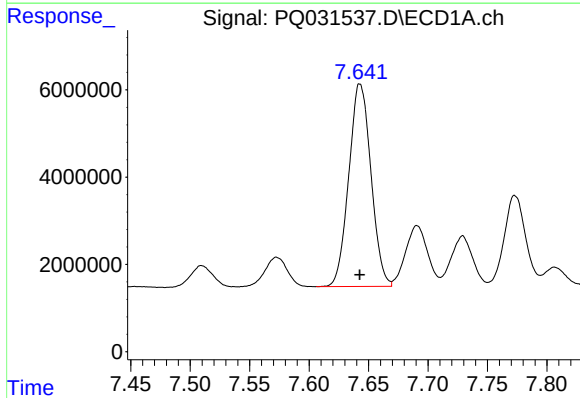
R.T.: 7.387 min
Delta R.T.: 0.000 min
Response: 51415998
Conc: 348.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



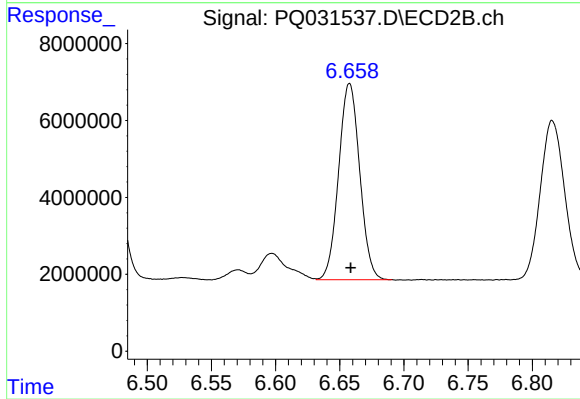
#31 AR-1260-1

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 48541200
Conc: 372.05 ng/ml



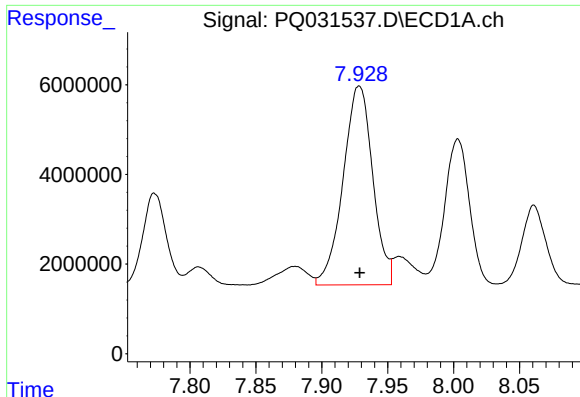
#32 AR-1260-2

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 60333216
Conc: 336.23 ng/ml



#32 AR-1260-2

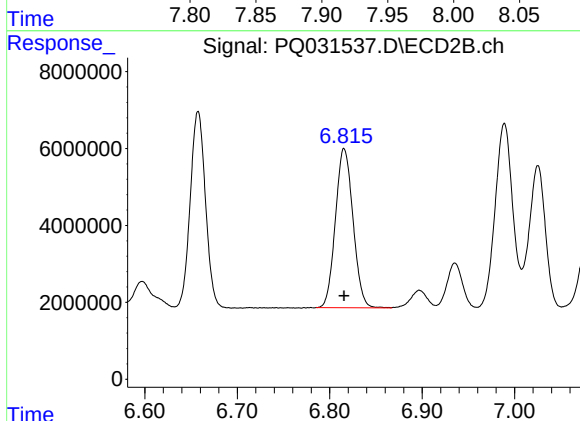
R.T.: 6.658 min
Delta R.T.: 0.000 min
Response: 58348795
Conc: 365.74 ng/ml



#33 AR-1260-3

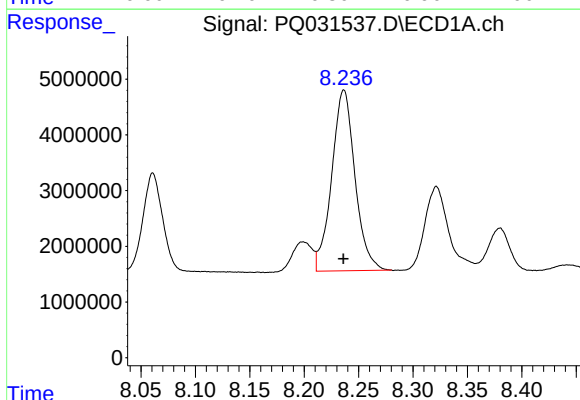
R.T.: 7.928 min
Delta R.T.: 0.000 min
Response: 69482295
Conc: 320.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



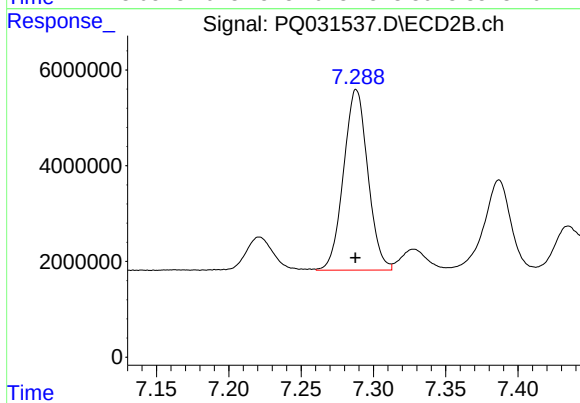
#33 AR-1260-3

R.T.: 6.816 min
Delta R.T.: 0.000 min
Response: 54775912
Conc: 363.35 ng/ml



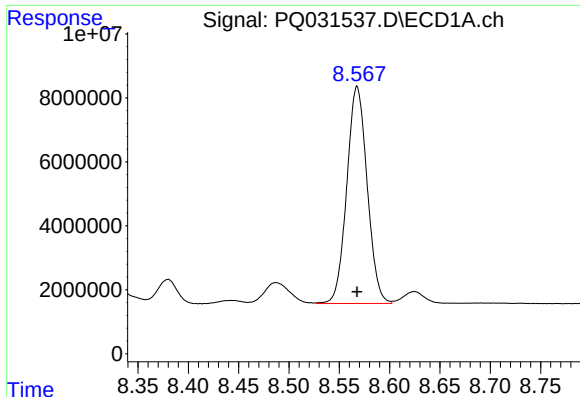
#34 AR-1260-4

R.T.: 8.236 min
Delta R.T.: 0.000 min
Response: 48334308
Conc: 305.36 ng/ml



#34 AR-1260-4

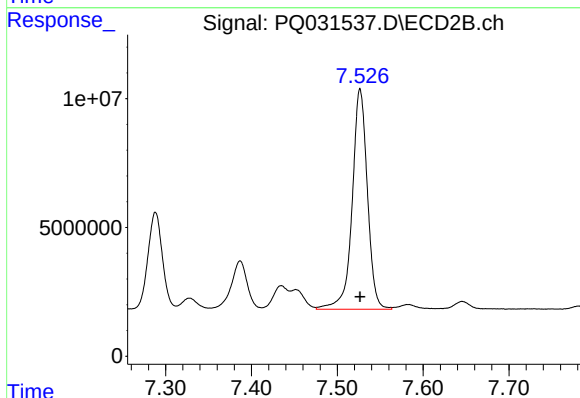
R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 44179767
Conc: 352.33 ng/ml



#35 AR-1260-5

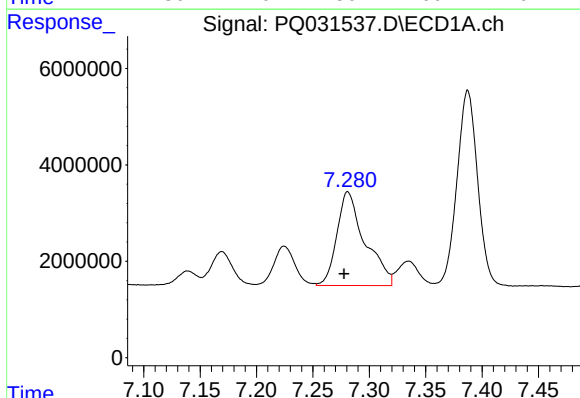
R.T.: 8.568 min
Delta R.T.: 0.000 min
Response: 95654843
Conc: 297.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



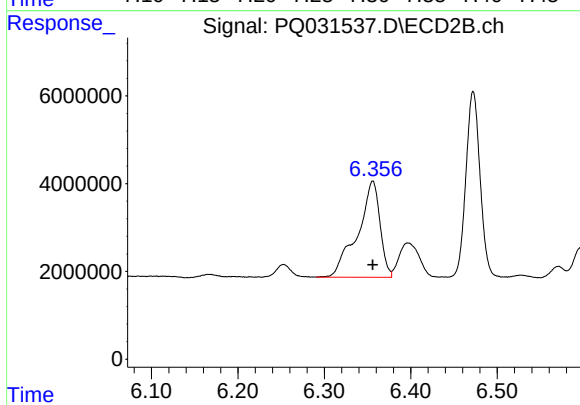
#35 AR-1260-5

R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 105468599
Conc: 348.90 ng/ml



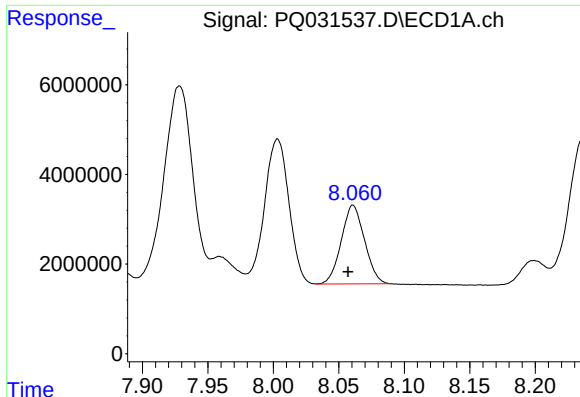
#36 AR-1262-1

R.T.: 7.281 min
Delta R.T.: 0.003 min
Response: 33638383
Conc: 415.00 ng/ml



#36 AR-1262-1

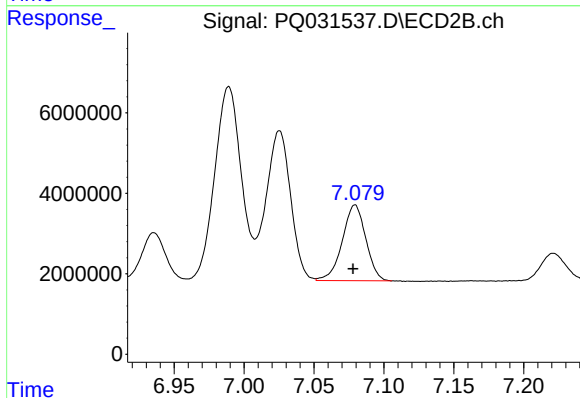
R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 39403644
Conc: 526.73 ng/ml



#37 AR-1262-2

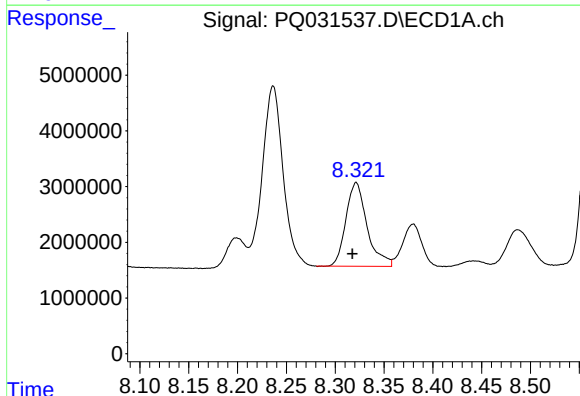
R.T.: 8.061 min
Delta R.T.: 0.004 min
Response: 21748604
Conc: 267.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



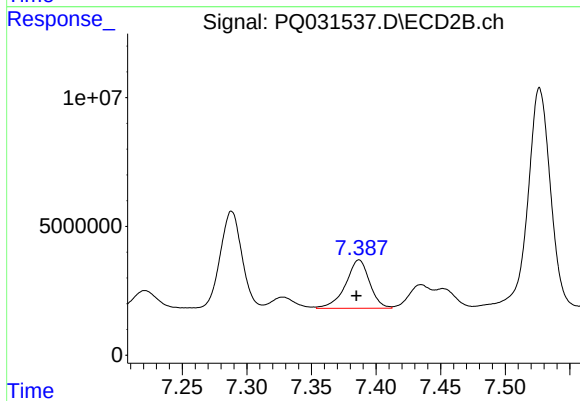
#37 AR-1262-2

R.T.: 7.079 min
Delta R.T.: 0.001 min
Response: 22069686
Conc: 301.99 ng/ml



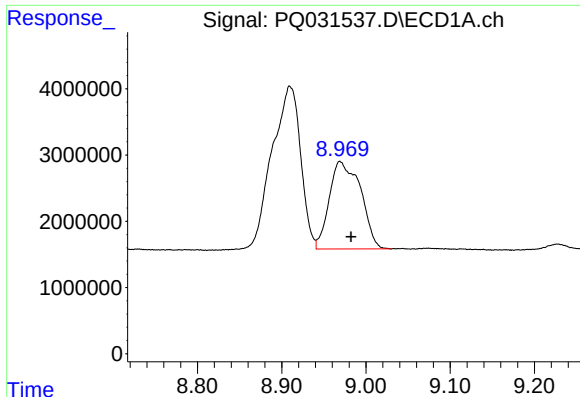
#38 AR-1262-3

R.T.: 8.322 min
Delta R.T.: 0.004 min
Response: 22664382
Conc: 250.67 ng/ml



#38 AR-1262-3

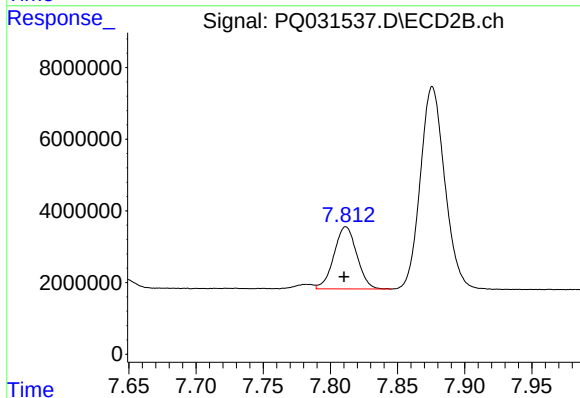
R.T.: 7.387 min
Delta R.T.: 0.002 min
Response: 24327250
Conc: 321.30 ng/ml



#39 AR-1262-4

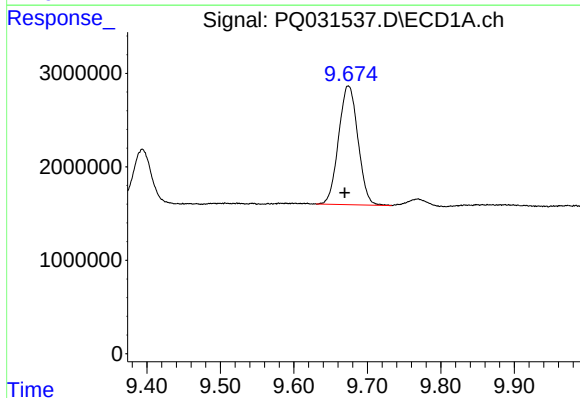
R.T.: 8.969 min
Delta R.T.: -0.013 min
Response: 34175548
Conc: 187.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



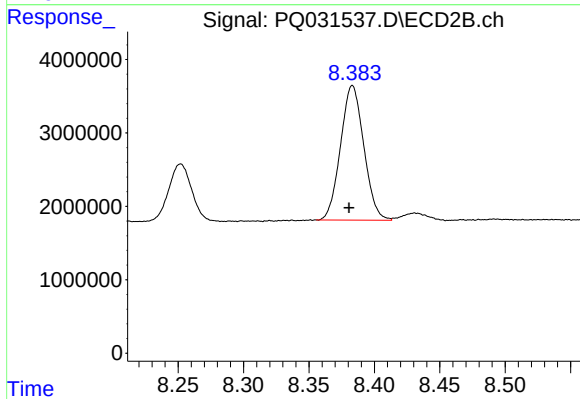
#39 AR-1262-4

R.T.: 7.812 min
Delta R.T.: 0.001 min
Response: 20519335
Conc: 145.83 ng/ml



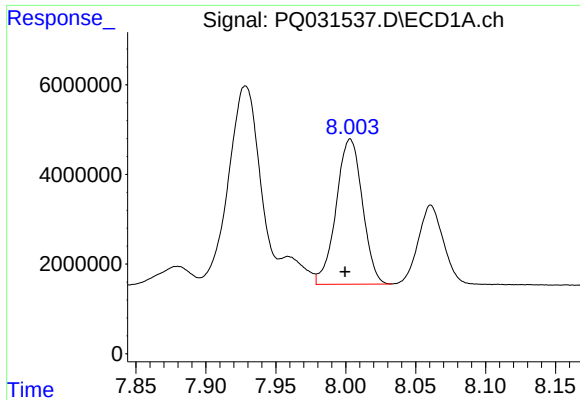
#40 AR-1262-5

R.T.: 9.674 min
Delta R.T.: 0.005 min
Response: 23219898
Conc: 180.23 ng/ml



#40 AR-1262-5

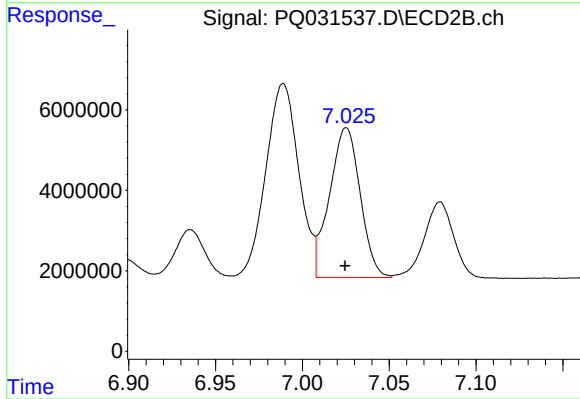
R.T.: 8.383 min
Delta R.T.: 0.003 min
Response: 22677296
Conc: 205.18 ng/ml



#41 AR-1268-1

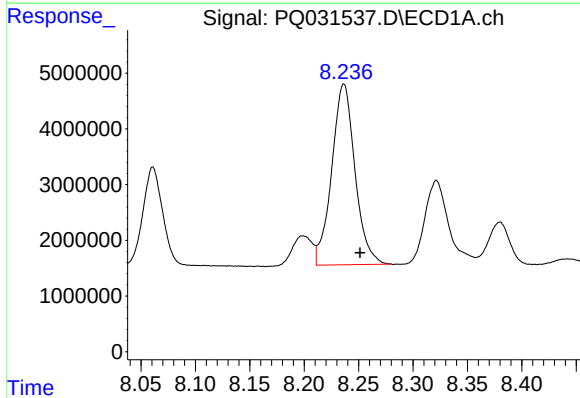
R.T.: 8.003 min
Delta R.T.: 0.004 min
Response: 42412487
Conc: 468.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



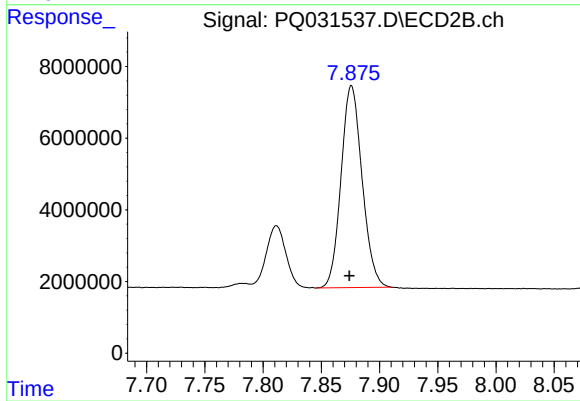
#41 AR-1268-1

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 45743562
Conc: 553.43 ng/ml



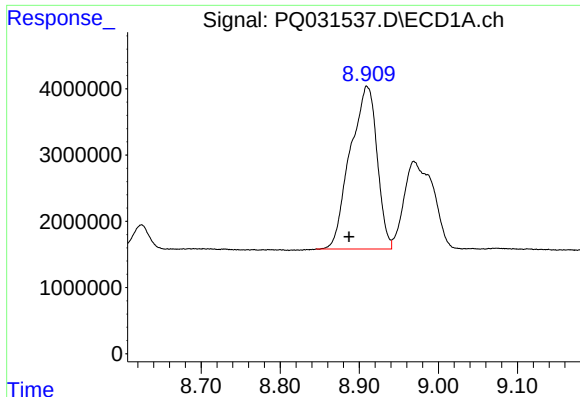
#42 AR-1268-2

R.T.: 8.236 min
Delta R.T.: -0.015 min
Response: 48334308
Conc: 407.77 ng/ml



#42 AR-1268-2

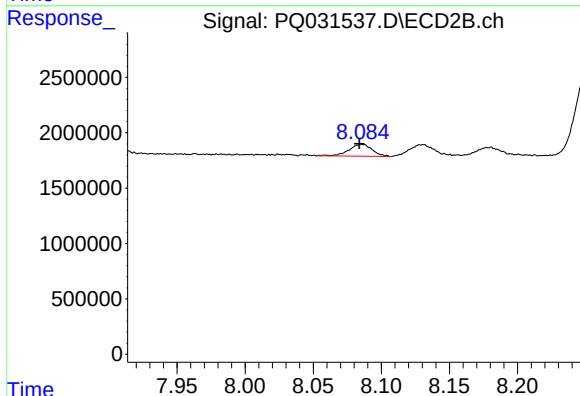
R.T.: 7.876 min
Delta R.T.: 0.002 min
Response: 70911768
Conc: 165.37 ng/ml



#43 AR-1268-3

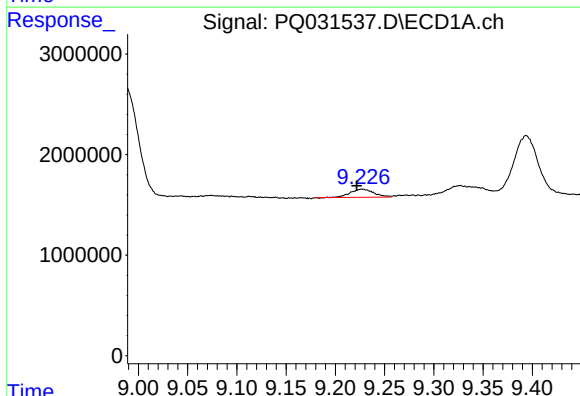
R.T.: 8.910 min
Delta R.T.: 0.023 min
Response: 57960868
Conc: 113.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



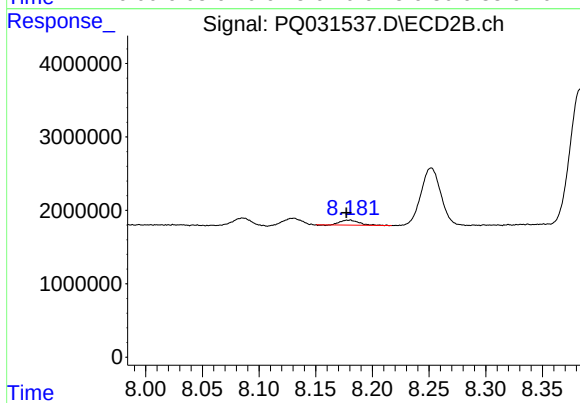
#43 AR-1268-3

R.T.: 8.086 min
Delta R.T.: 0.002 min
Response: 1268151
Conc: 3.53 ng/ml



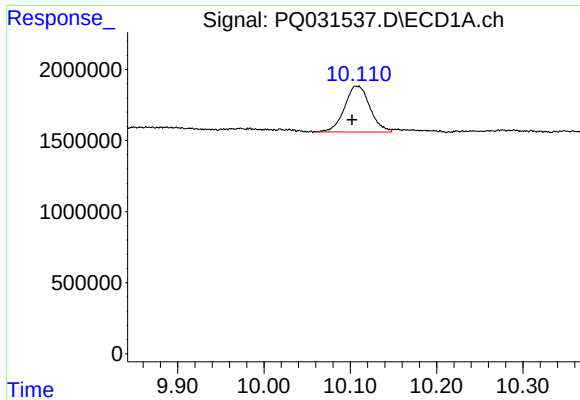
#44 AR-1268-4

R.T.: 9.227 min
Delta R.T.: 0.005 min
Response: 1353181
Conc: 3.43 ng/ml



#44 AR-1268-4

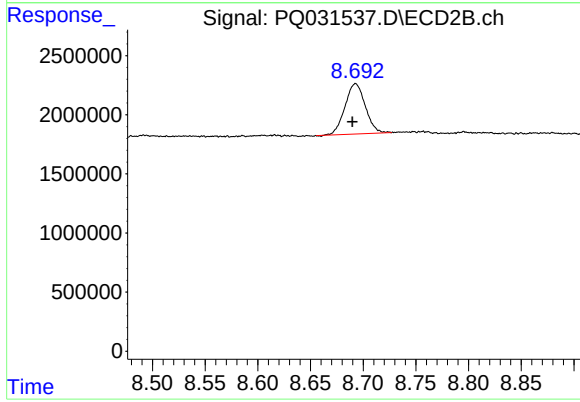
R.T.: 8.180 min
Delta R.T.: 0.003 min
Response: 786808
Conc: 8.22 ng/ml



#45 AR-1268-5

R.T.: 10.107 min
Delta R.T.: 0.005 min
Response: 6575354
Conc: 5.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



#45 AR-1268-5

R.T.: 8.693 min
Delta R.T.: 0.003 min
Response: 5714906
Conc: 5.31 ng/ml