

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112618\
 Data File : PQ034990.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2018 19:38
 Operator : SM\SJ
 Sample : J6039-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 27 00:10:25 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111718CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 16 03:52:57 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...	4.527	3.817	52535265	31677447	19.073	18.689
2)	SA Decachlor...	10.312	8.835	73308765	41858035	26.609	21.476
Target Compounds							
3)	L1 AR-1016-1	5.726	0.000	1378894	0	14.717	N.D. #
4)	L1 AR-1016-2	5.726	0.000	1378894	0	10.016	N.D. #
5)	L1 AR-1016-3	5.858	5.100	2443921	2051731	29.588	42.076 #
6)	L1 AR-1016-4	5.858	5.135	2443921	3869352	36.094	98.745 #
7)	L1 AR-1016-5	6.183	5.351	10629487	2118520	154.531	40.870 #
10)	L2 AR-1221-3	0.000	4.238	0	1714119	N.D.	35.426 #
11)	L3 AR-1232-1	0.000	4.238	0	1714119	N.D.	48.880 #
12)	L3 AR-1232-2	5.411	0.000	5407369	0	187.734	N.D. #
13)	L3 AR-1232-3	5.726	5.100	1378894	2051731	23.461	102.255 #
14)	L3 AR-1232-4	5.858	5.175	2443921	1549559	88.045	89.172
15)	L3 AR-1232-5	5.972	5.351	6290066	2118520	286.980	109.452 #
16)	L4 AR-1242-1	5.726	0.000	1378894	0	18.130	N.D. #
17)	L4 AR-1242-2	5.726	0.000	1378894	0	12.337	N.D. #
18)	L4 AR-1242-3	5.858	5.100	2443921	2051731	36.712	52.683 #
19)	L4 AR-1242-4	5.858	5.175	2443921	1549559	44.620	40.130
20)	L4 AR-1242-5	6.623	5.701	9294011	22370181	150.198	450.124 #
21)	L5 AR-1248-1	5.726	0.000	1378894	0	23.219	N.D. #
22)	L5 AR-1248-2	5.972	5.135	6290066	3869352	75.171	70.185
23)	L5 AR-1248-3	6.183	5.175	10629487	1549559	110.140	27.515 #
24)	L5 AR-1248-4	6.623	5.351	9294011	2118520	84.735	30.527 #
25)	L5 AR-1248-5	6.623	5.742	9294011	2318600	89.159	32.488 #
26)	L6 AR-1254-1	6.554	5.701	33563052	22370181	300.006	204.660 #
27)	L6 AR-1254-2	6.771	5.847	42891806	14658696	242.434	153.357 #
28)	L6 AR-1254-3	7.144	6.264	69082702	62752130	356.459	388.099
29)	L6 AR-1254-4	7.423	6.478	14327869	6273874	100.943	60.617 #
30)	L6 AR-1254-5	7.872	6.894	10299946	53814839	68.428	379.291 #
31)	L7 AR-1260-1	7.301	6.378	53455284	38268779	385.083	356.925
32)	L7 AR-1260-2	7.555	6.566	259.1E6	40086722	1515.534	298.490 #
33)	L7 AR-1260-3	7.915	6.720	42064976	37347515	394.702	304.220
34)	L7 AR-1260-4	8.145	7.189	52302017	26488542	394.891	307.113
35)	L7 AR-1260-5	8.473	7.432	98938708	70138214	364.650	319.071
36)	L8 AR-1262-1	7.915	6.929	42064976	32464819	222.288	218.187
37)	L8 AR-1262-2	8.473	7.432	98938708	70138214	281.640	254.743
38)	L8 AR-1262-3	8.809	7.711	57243147	15446528	249.128	142.842 #
39)	L8 AR-1262-4	8.863	7.777	32997608	45833692	193.600	228.830
40)	L8 AR-1262-5	9.553	8.280	23723075	14153875	194.529	155.438
41)	L9 AR-1268-1	8.809	7.711	57243147	15446528	132.843	46.382 #
42)	L9 AR-1268-2	8.863	7.777	32997608	45833692	85.008	153.464 #
43)	L9 AR-1268-3	9.112	7.980	3087429	2845399	9.294	11.477

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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
44) L9	AR-1268-4	9.553	8.280	23723075	14153875	171.764	133.077
45) L9	AR-1268-5	9.973	8.577	8540237	3381240	7.748	4.251 #

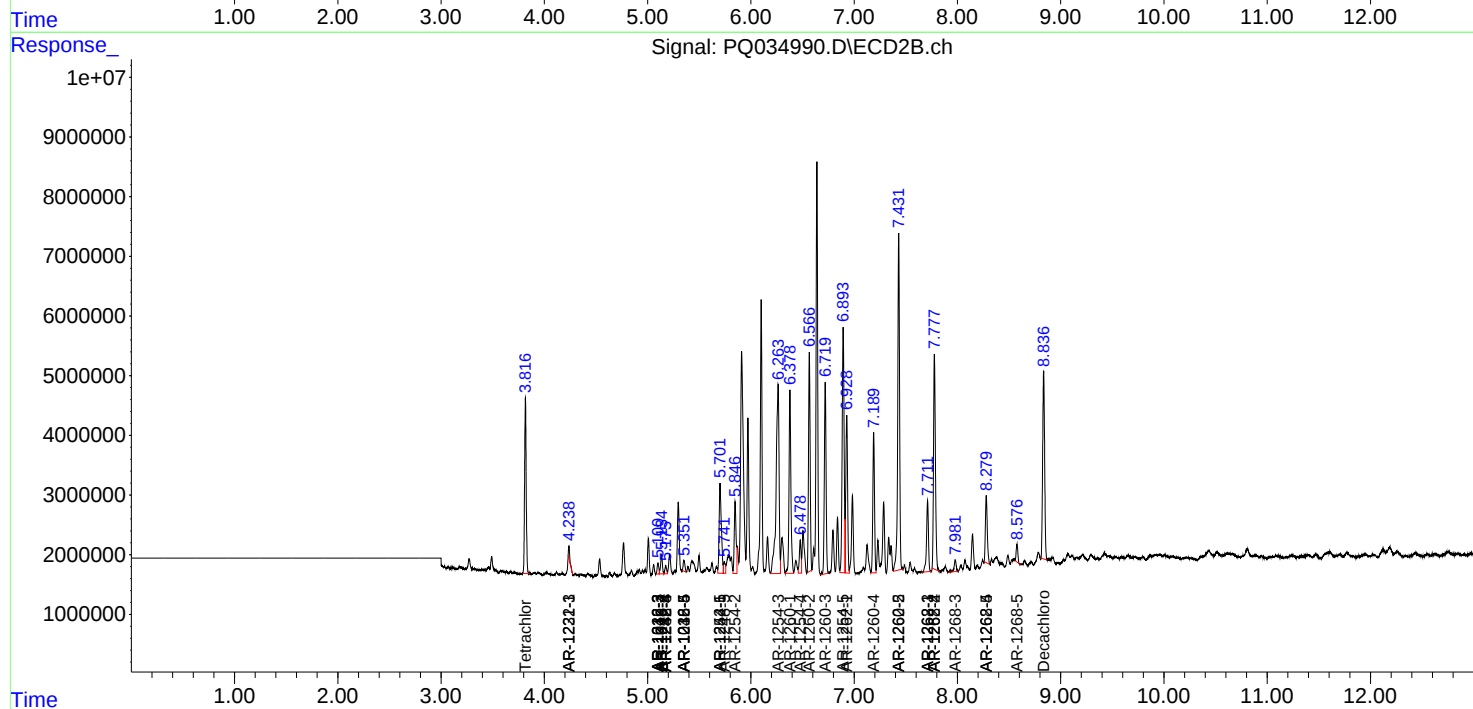
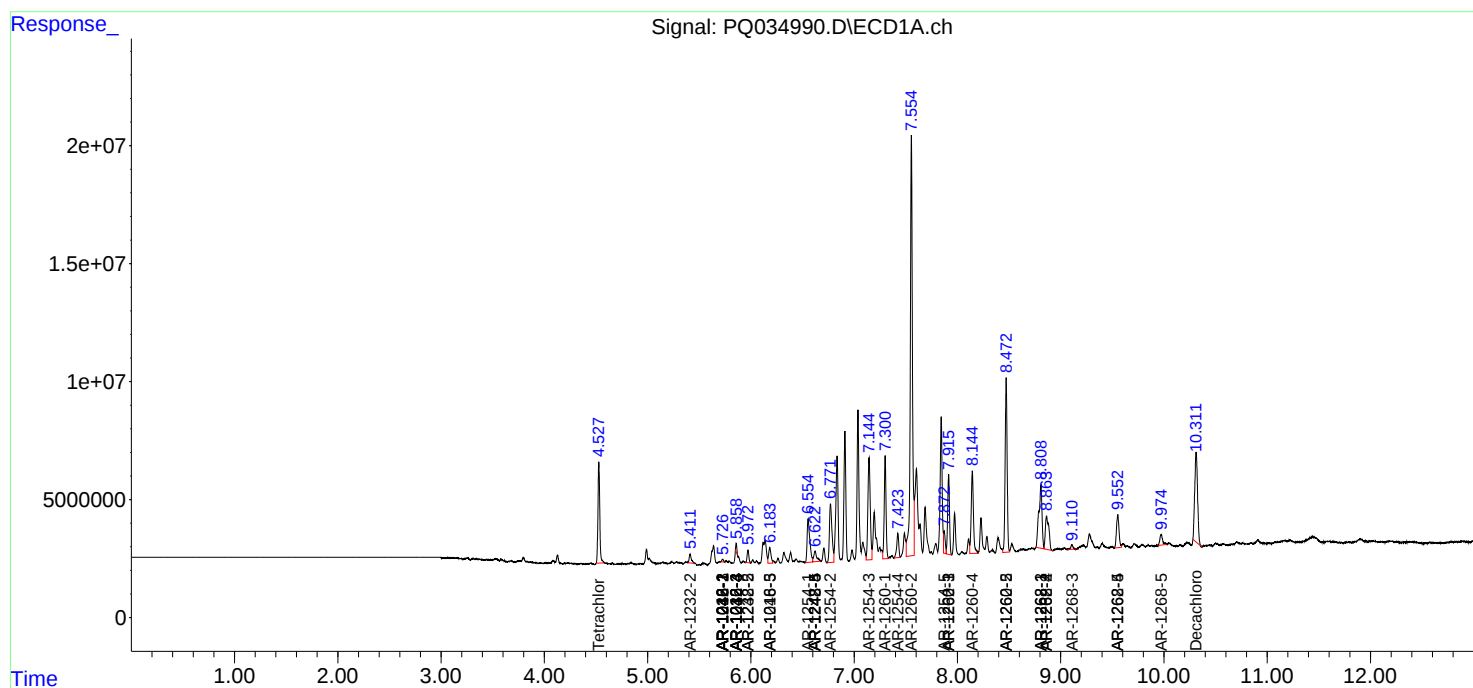
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

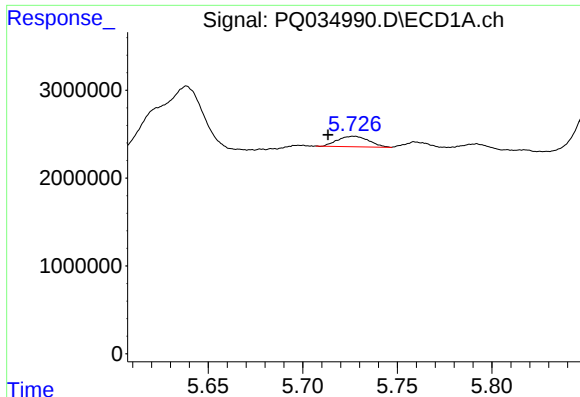
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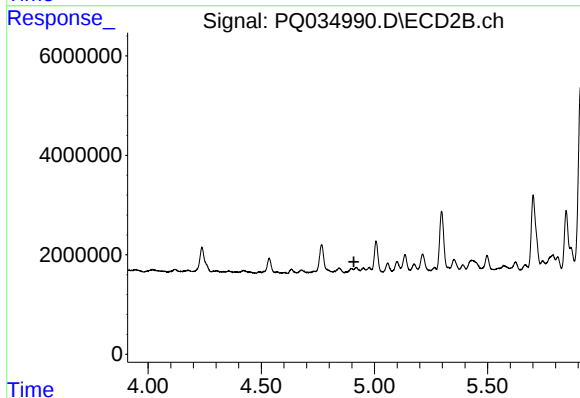




#3 AR-1016-1

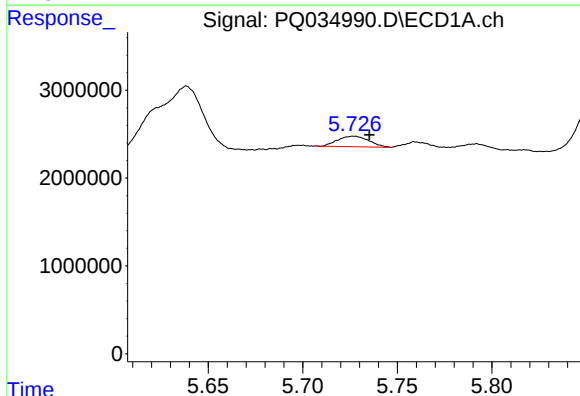
R.T.: 5.726 min
Delta R.T.: 0.013 min
Response: 1378894
Conc: 14.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



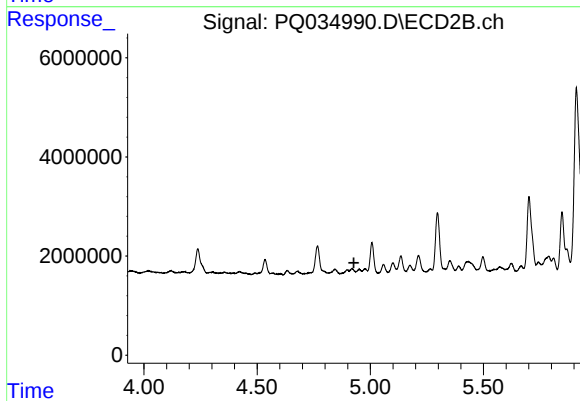
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.909 min
Response: 0
Conc: N.D.



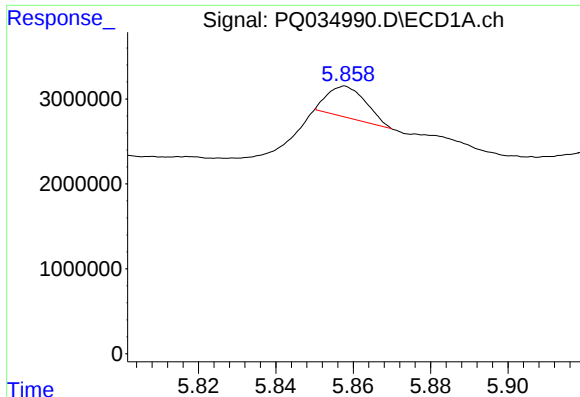
#4 AR-1016-2

R.T.: 5.726 min
Delta R.T.: -0.009 min
Response: 1378894
Conc: 10.02 ng/ml



#4 AR-1016-2

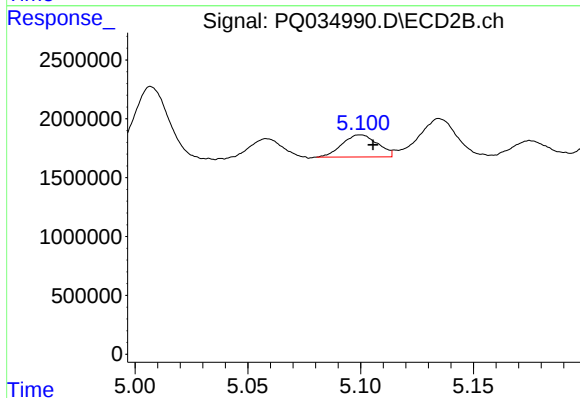
R.T.: 0.000 min
Exp R.T. : 4.927 min
Response: 0
Conc: N.D.



#5 AR-1016-3

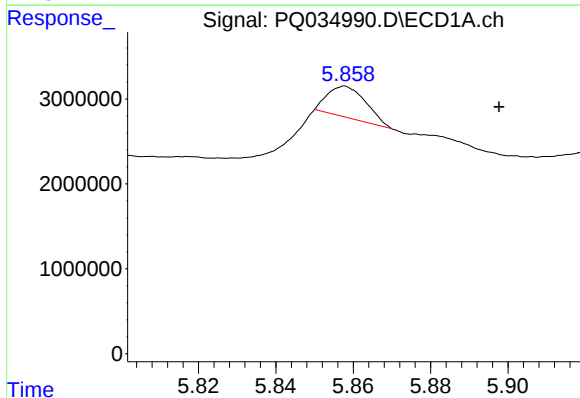
R.T.: 5.858 min
Delta R.T.: 0.060 min
Response: 2443921
Conc: 29.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



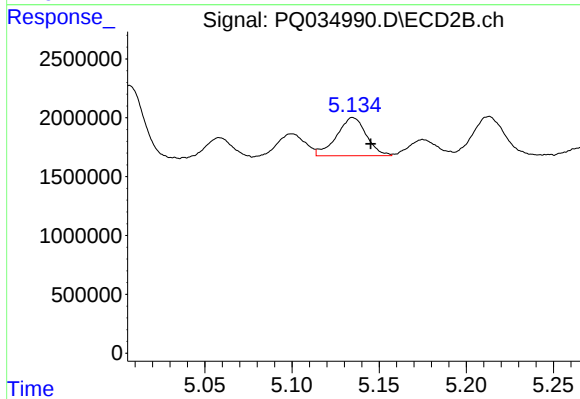
#5 AR-1016-3

R.T.: 5.100 min
Delta R.T.: -0.005 min
Response: 2051731
Conc: 42.08 ng/ml



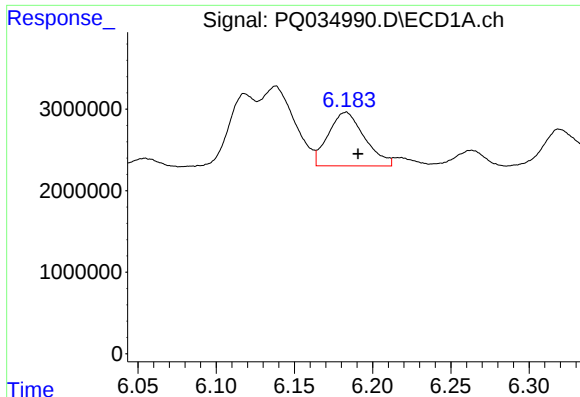
#6 AR-1016-4

R.T.: 5.858 min
Delta R.T.: -0.040 min
Response: 2443921
Conc: 36.09 ng/ml



#6 AR-1016-4

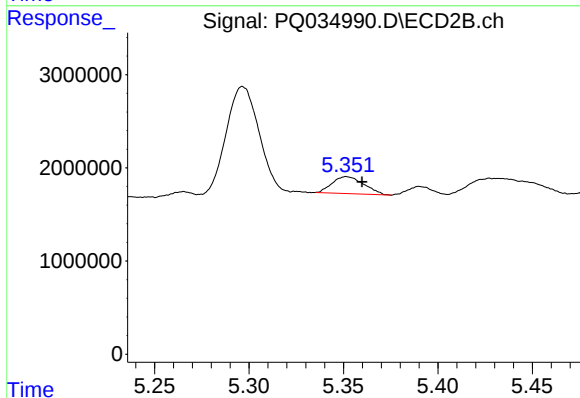
R.T.: 5.135 min
Delta R.T.: -0.010 min
Response: 3869352
Conc: 98.75 ng/ml



#7 AR-1016-5

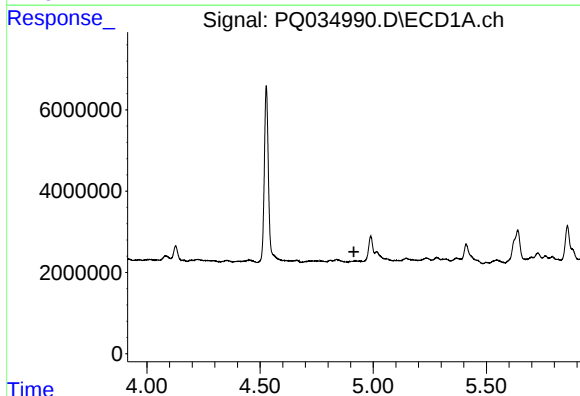
R.T.: 6.183 min
Delta R.T.: -0.007 min
Response: 10629487
Conc: 154.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



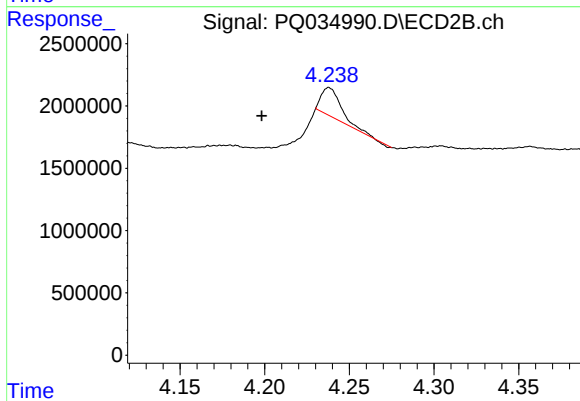
#7 AR-1016-5

R.T.: 5.351 min
Delta R.T.: -0.008 min
Response: 2118520
Conc: 40.87 ng/ml



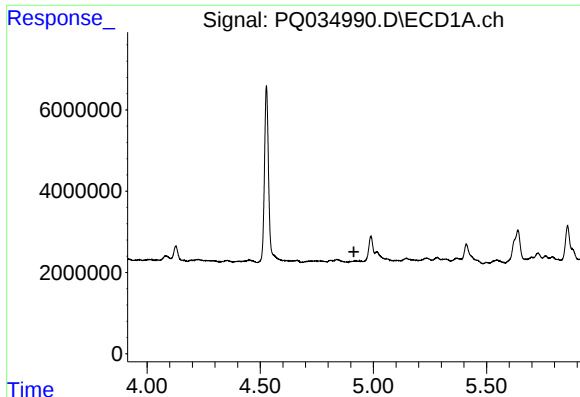
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.914 min
Response: 0
Conc: N.D.



#10 AR-1221-3

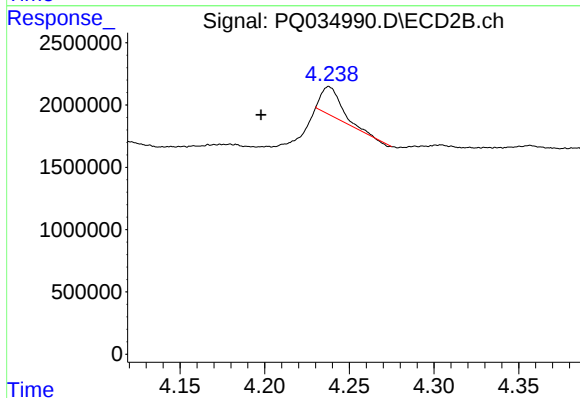
R.T.: 4.238 min
Delta R.T.: 0.040 min
Response: 1714119
Conc: 35.43 ng/ml



#11 AR-1232-1

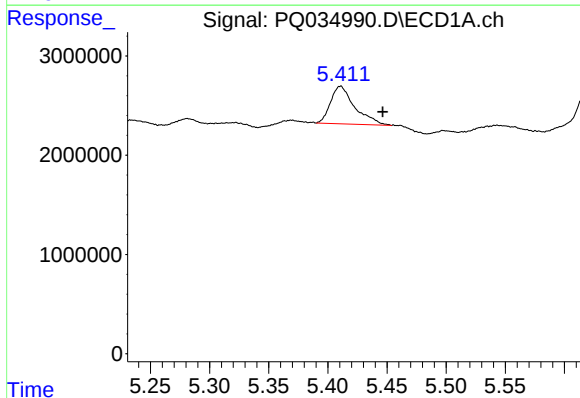
R.T.: 0.000 min
Exp R.T.: 4.914 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



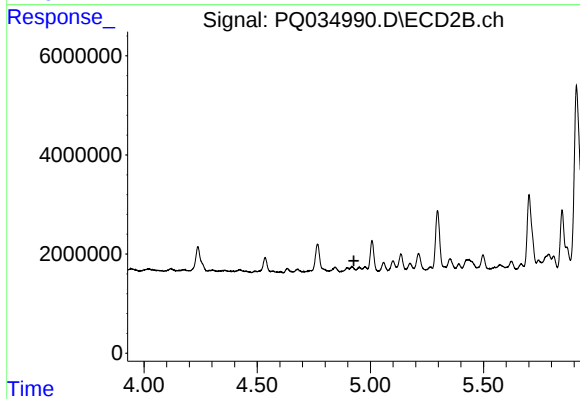
#11 AR-1232-1

R.T.: 4.238 min
Delta R.T.: 0.040 min
Response: 1714119
Conc: 48.88 ng/ml



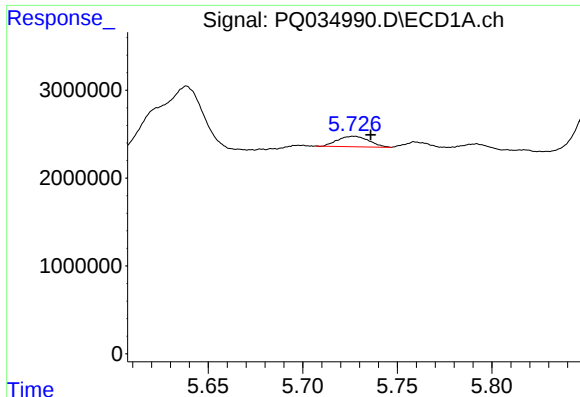
#12 AR-1232-2

R.T.: 5.411 min
Delta R.T.: -0.035 min
Response: 5407369
Conc: 187.73 ng/ml



#12 AR-1232-2

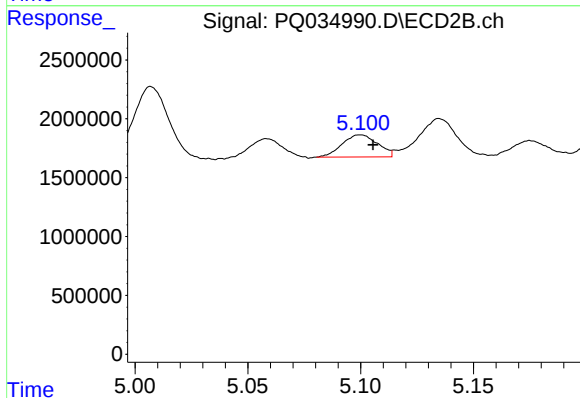
R.T.: 0.000 min
Exp R.T.: 4.927 min
Response: 0
Conc: N.D.



#13 AR-1232-3

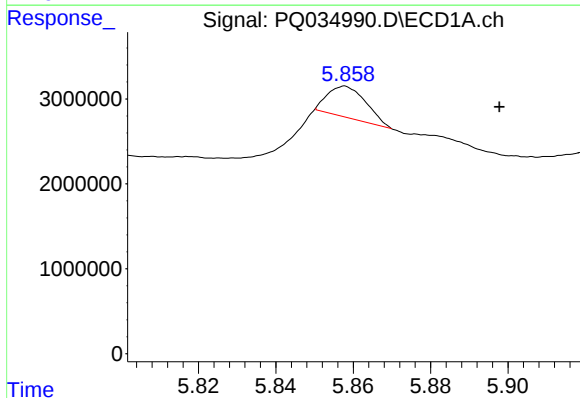
R.T.: 5.726 min
Delta R.T.: -0.009 min
Response: 1378894
Conc: 23.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



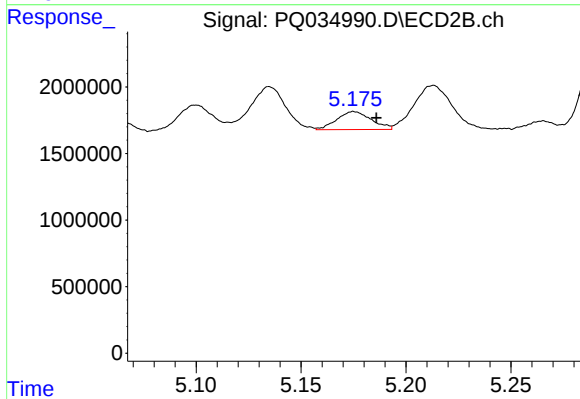
#13 AR-1232-3

R.T.: 5.100 min
Delta R.T.: -0.005 min
Response: 2051731
Conc: 102.26 ng/ml



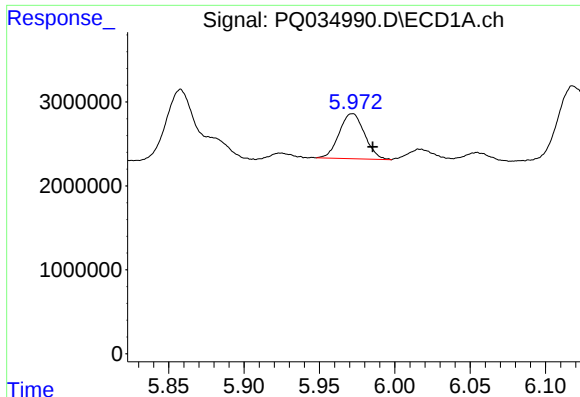
#14 AR-1232-4

R.T.: 5.858 min
Delta R.T.: -0.040 min
Response: 2443921
Conc: 88.05 ng/ml



#14 AR-1232-4

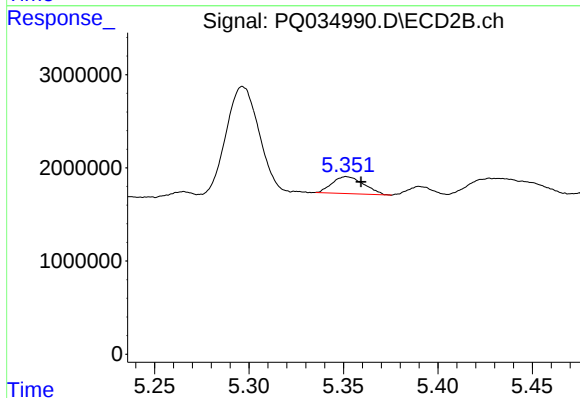
R.T.: 5.175 min
Delta R.T.: -0.011 min
Response: 1549559
Conc: 89.17 ng/ml



#15 AR-1232-5

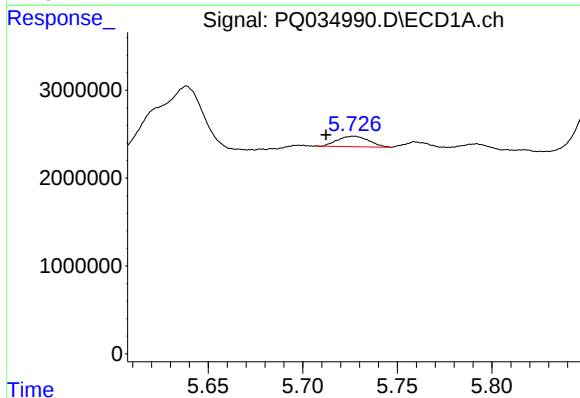
R.T.: 5.972 min
Delta R.T.: -0.013 min
Response: 6290066
Conc: 286.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



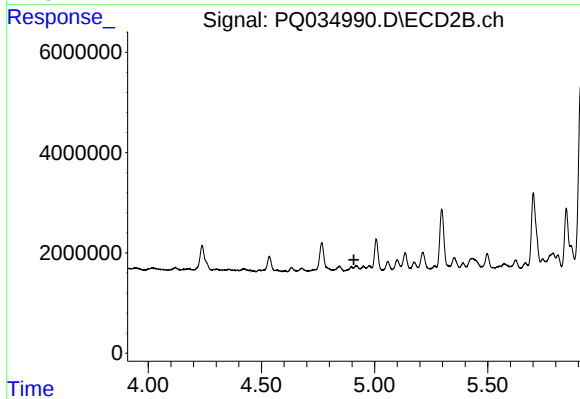
#15 AR-1232-5

R.T.: 5.351 min
Delta R.T.: -0.008 min
Response: 2118520
Conc: 109.45 ng/ml



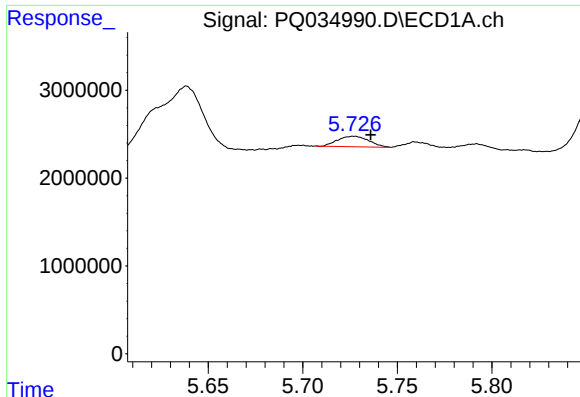
#16 AR-1242-1

R.T.: 5.726 min
Delta R.T.: 0.014 min
Response: 1378894
Conc: 18.13 ng/ml



#16 AR-1242-1

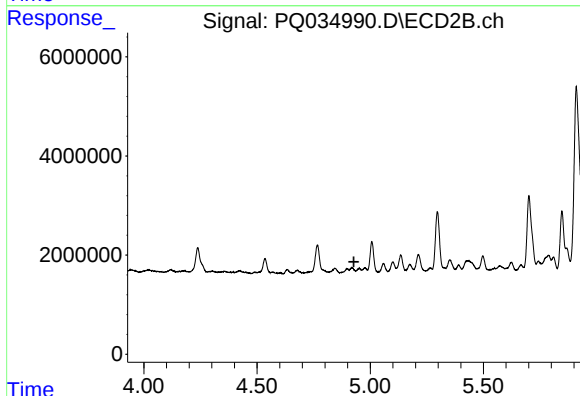
R.T.: 0.000 min
Exp R.T.: 4.908 min
Response: 0
Conc: N.D.



#17 AR-1242-2

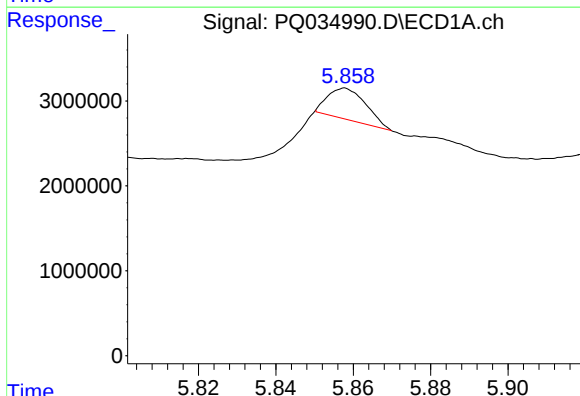
R.T.: 5.726 min
Delta R.T.: -0.009 min
Response: 1378894
Conc: 12.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



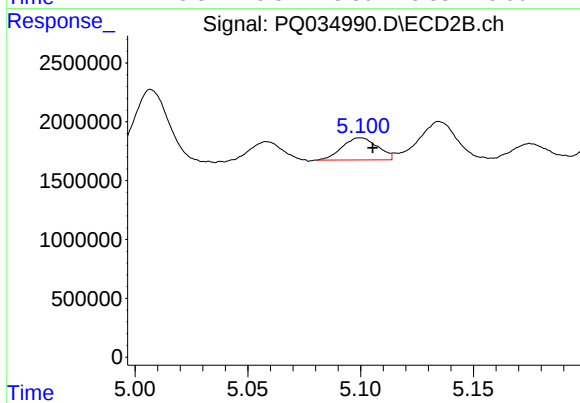
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.928 min
Response: 0
Conc: N.D.



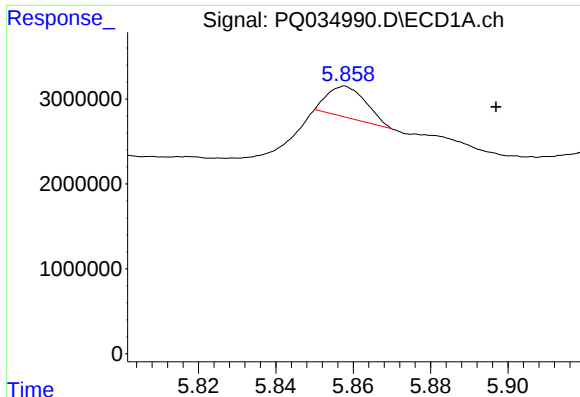
#18 AR-1242-3

R.T.: 5.858 min
Delta R.T.: 0.061 min
Response: 2443921
Conc: 36.71 ng/ml



#18 AR-1242-3

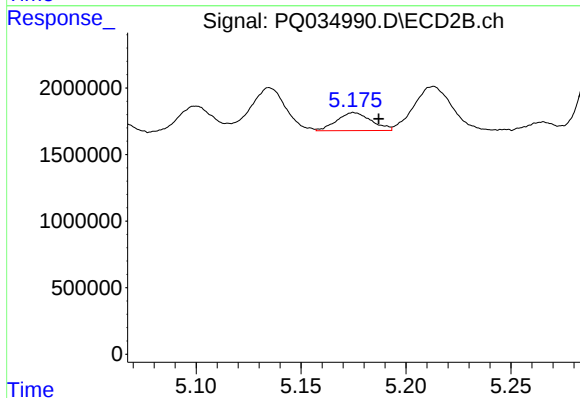
R.T.: 5.100 min
Delta R.T.: -0.005 min
Response: 2051731
Conc: 52.68 ng/ml



#19 AR-1242-4

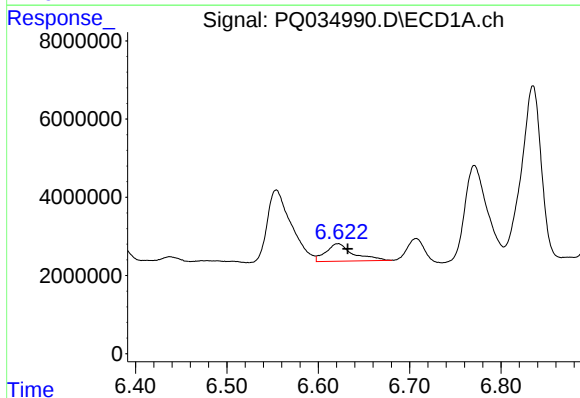
R.T.: 5.858 min
Delta R.T.: -0.039 min
Response: 2443921
Conc: 44.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



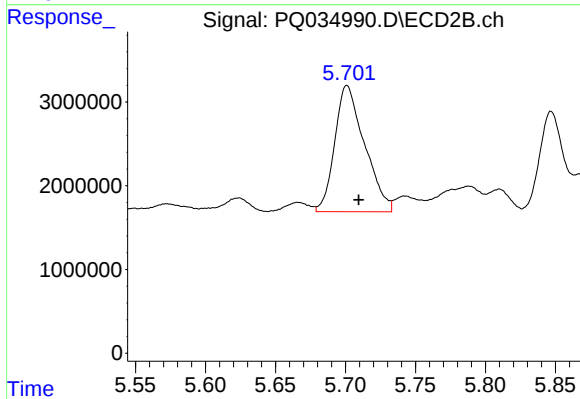
#19 AR-1242-4

R.T.: 5.175 min
Delta R.T.: -0.012 min
Response: 1549559
Conc: 40.13 ng/ml



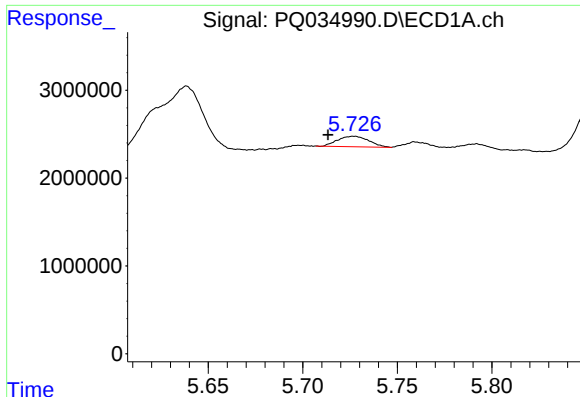
#20 AR-1242-5

R.T.: 6.623 min
Delta R.T.: -0.010 min
Response: 9294011
Conc: 150.20 ng/ml



#20 AR-1242-5

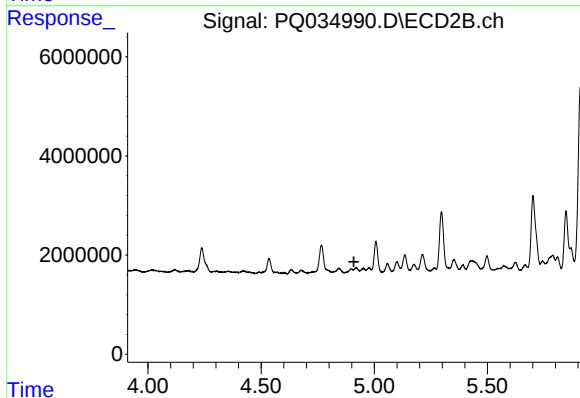
R.T.: 5.701 min
Delta R.T.: -0.008 min
Response: 22370181
Conc: 450.12 ng/ml



#21 AR-1248-1

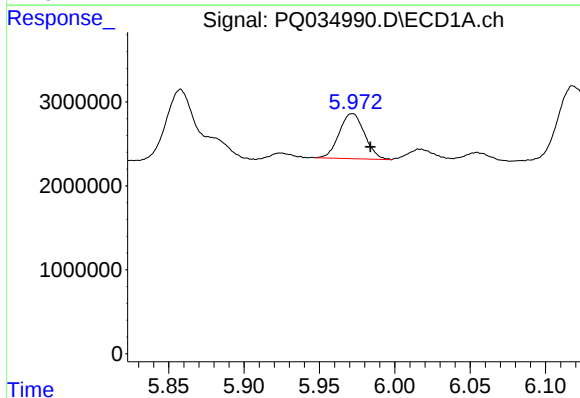
R.T.: 5.726 min
Delta R.T.: 0.013 min
Response: 1378894
Conc: 23.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



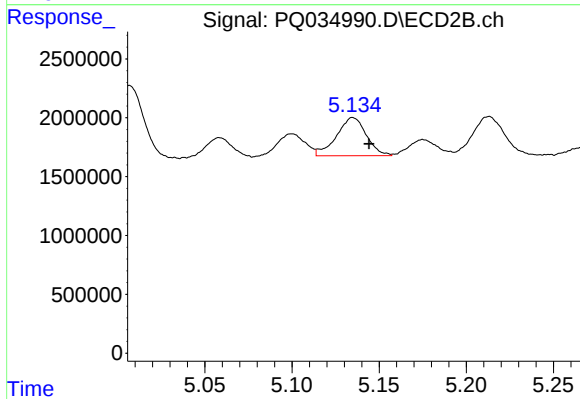
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.910 min
Response: 0
Conc: N.D.



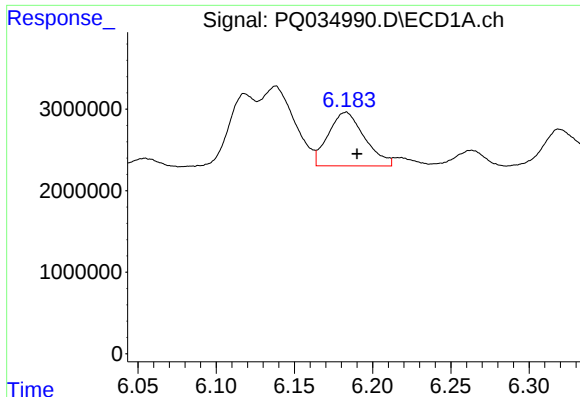
#22 AR-1248-2

R.T.: 5.972 min
Delta R.T.: -0.011 min
Response: 6290066
Conc: 75.17 ng/ml



#22 AR-1248-2

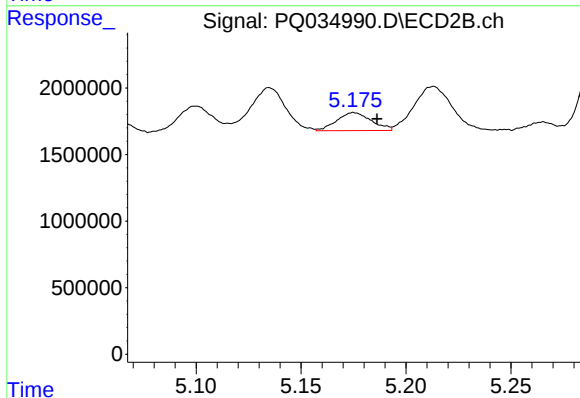
R.T.: 5.135 min
Delta R.T.: -0.009 min
Response: 3869352
Conc: 70.19 ng/ml



#23 AR-1248-3

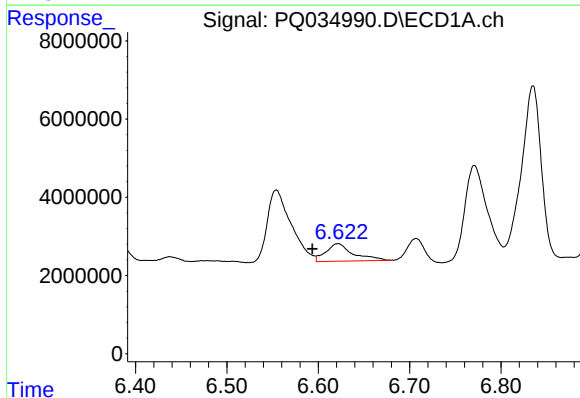
R.T.: 6.183 min
Delta R.T.: -0.007 min
Response: 10629487
Conc: 110.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



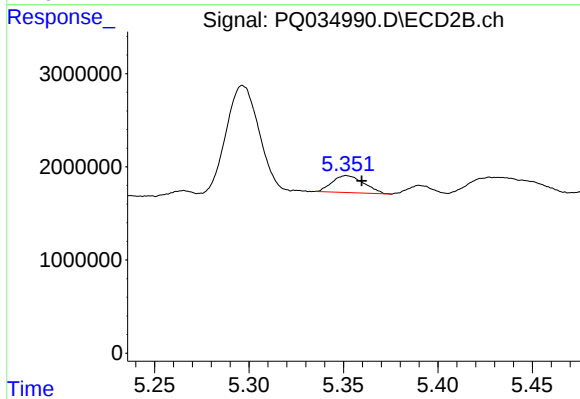
#23 AR-1248-3

R.T.: 5.175 min
Delta R.T.: -0.011 min
Response: 1549559
Conc: 27.51 ng/ml



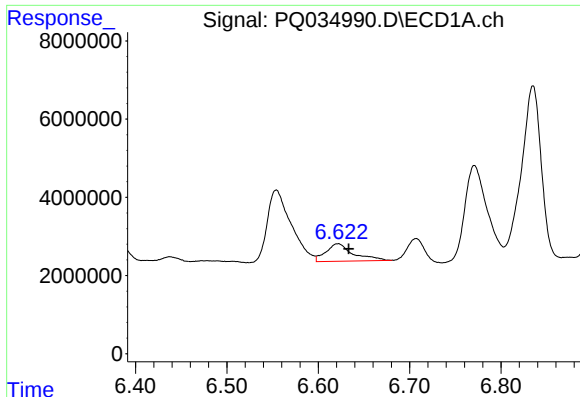
#24 AR-1248-4

R.T.: 6.623 min
Delta R.T.: 0.029 min
Response: 9294011
Conc: 84.74 ng/ml



#24 AR-1248-4

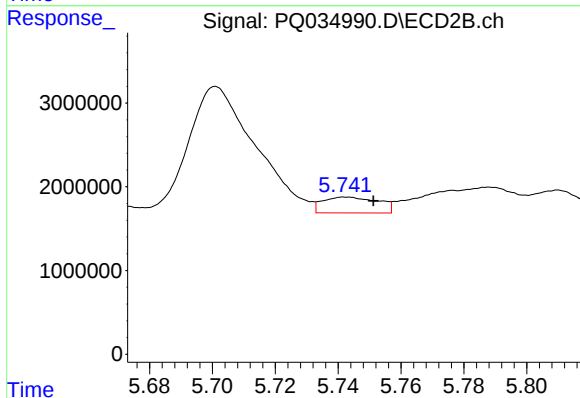
R.T.: 5.351 min
Delta R.T.: -0.008 min
Response: 2118520
Conc: 30.53 ng/ml



#25 AR-1248-5

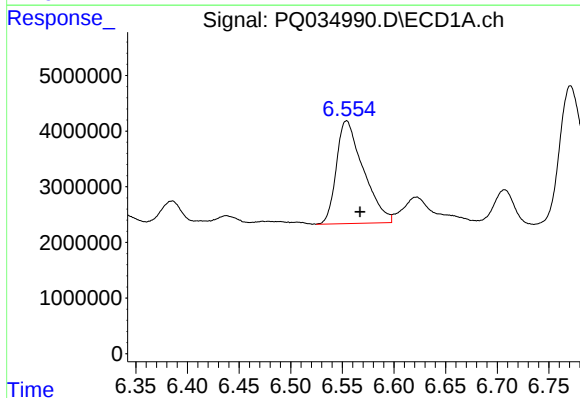
R.T.: 6.623 min
Delta R.T.: -0.011 min
Response: 9294011
Conc: 89.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



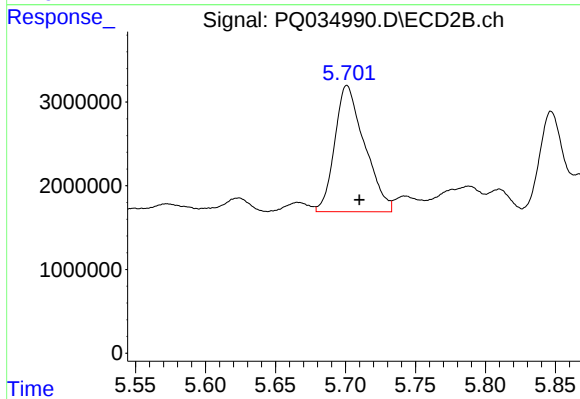
#25 AR-1248-5

R.T.: 5.742 min
Delta R.T.: -0.009 min
Response: 2318600
Conc: 32.49 ng/ml



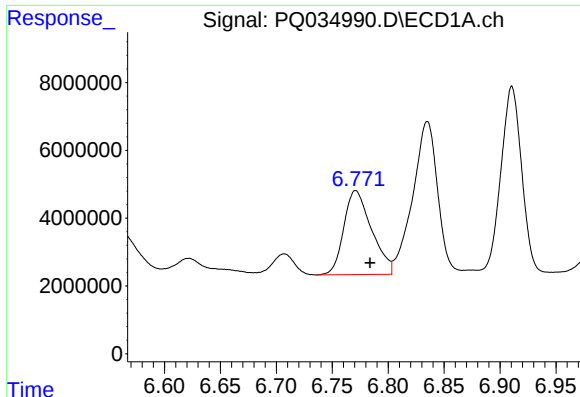
#26 AR-1254-1

R.T.: 6.554 min
Delta R.T.: -0.013 min
Response: 33563052
Conc: 300.01 ng/ml



#26 AR-1254-1

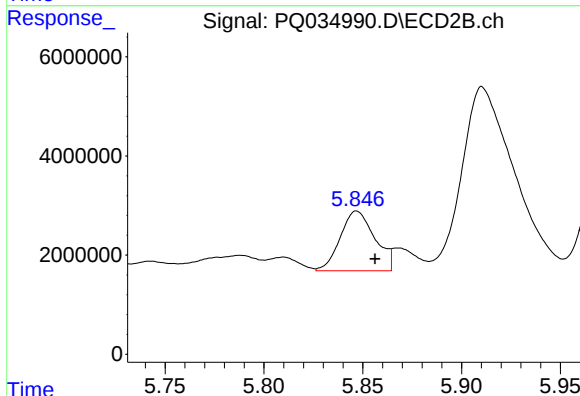
R.T.: 5.701 min
Delta R.T.: -0.009 min
Response: 22370181
Conc: 204.66 ng/ml



#27 AR-1254-2

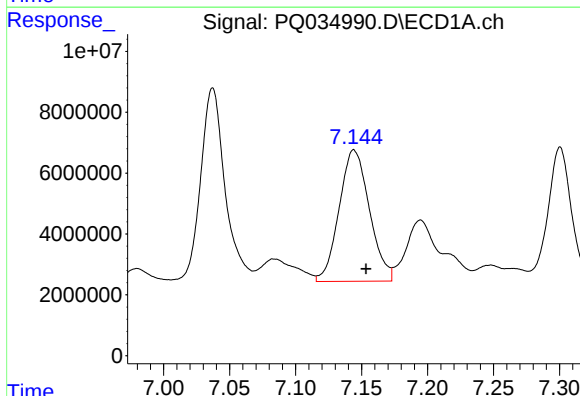
R.T.: 6.771 min
Delta R.T.: -0.013 min
Response: 42891806
Conc: 242.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



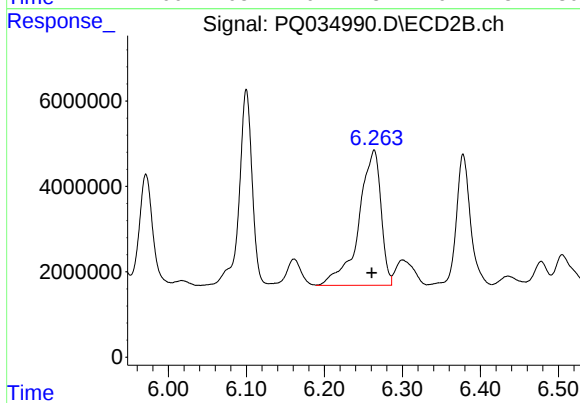
#27 AR-1254-2

R.T.: 5.847 min
Delta R.T.: -0.010 min
Response: 14658696
Conc: 153.36 ng/ml



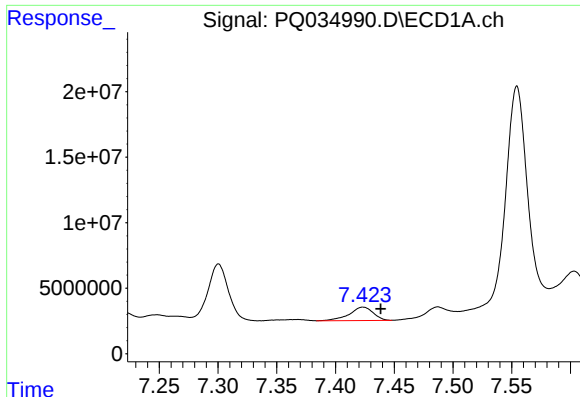
#28 AR-1254-3

R.T.: 7.144 min
Delta R.T.: -0.009 min
Response: 69082702
Conc: 356.46 ng/ml



#28 AR-1254-3

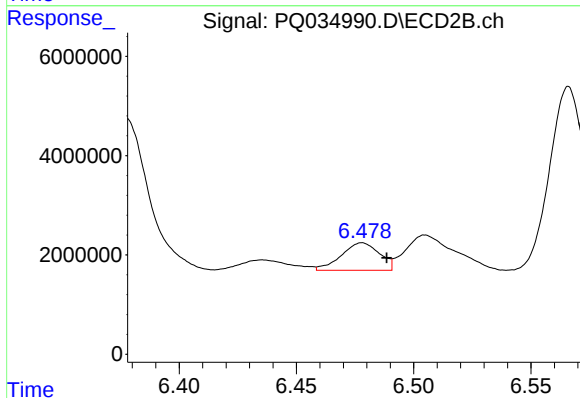
R.T.: 6.264 min
Delta R.T.: 0.003 min
Response: 62752130
Conc: 388.10 ng/ml



#29 AR-1254-4

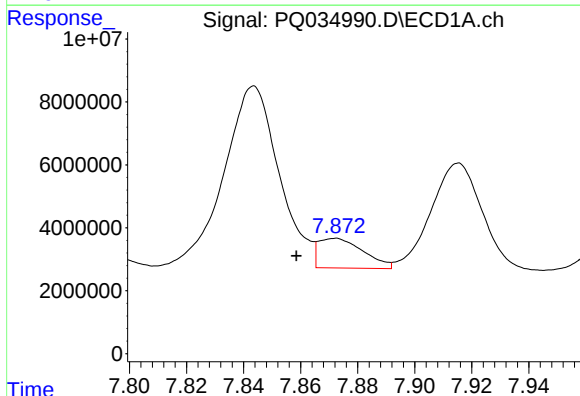
R.T.: 7.423 min
Delta R.T.: -0.015 min
Response: 14327869
Conc: 100.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



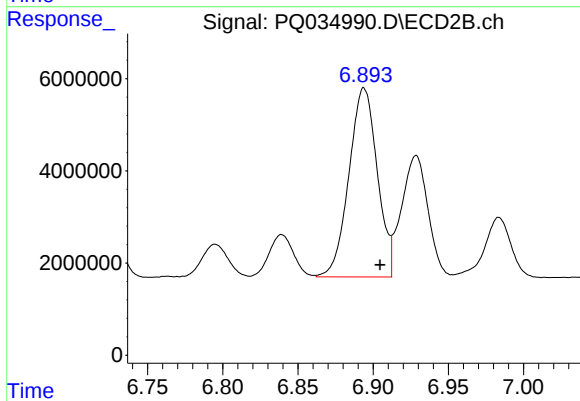
#29 AR-1254-4

R.T.: 6.478 min
Delta R.T.: -0.010 min
Response: 6273874
Conc: 60.62 ng/ml



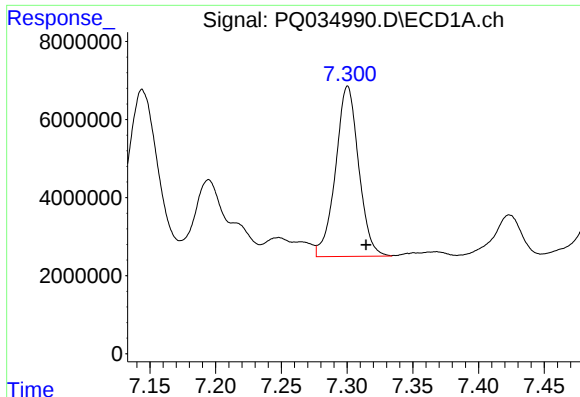
#30 AR-1254-5

R.T.: 7.872 min
Delta R.T.: 0.014 min
Response: 10299946
Conc: 68.43 ng/ml



#30 AR-1254-5

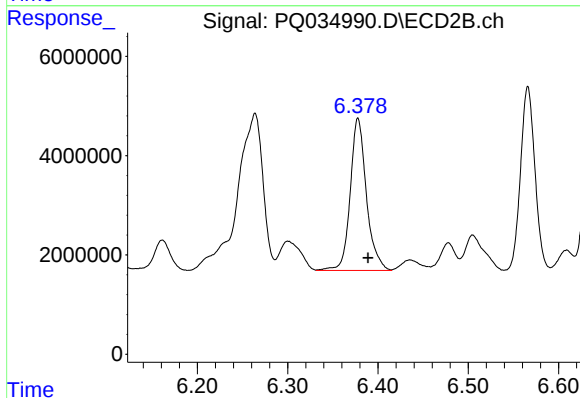
R.T.: 6.894 min
Delta R.T.: -0.011 min
Response: 53814839
Conc: 379.29 ng/ml



#31 AR-1260-1

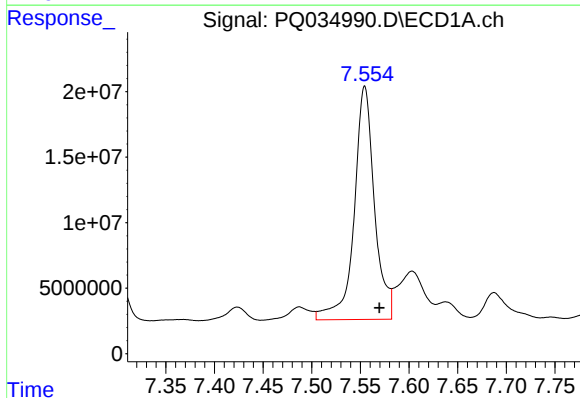
R.T.: 7.301 min
Delta R.T.: -0.014 min
Response: 53455284
Conc: 385.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



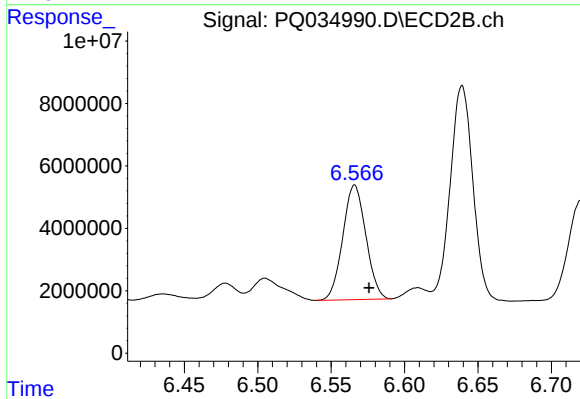
#31 AR-1260-1

R.T.: 6.378 min
Delta R.T.: -0.011 min
Response: 38268779
Conc: 356.92 ng/ml



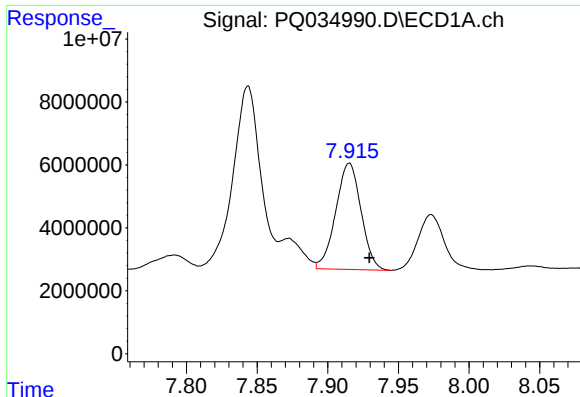
#32 AR-1260-2

R.T.: 7.555 min
Delta R.T.: -0.015 min
Response: 259101236
Conc: 1515.53 ng/ml



#32 AR-1260-2

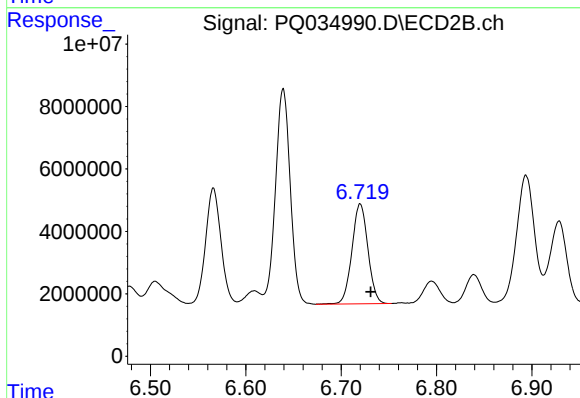
R.T.: 6.566 min
Delta R.T.: -0.010 min
Response: 40086722
Conc: 298.49 ng/ml



#33 AR-1260-3

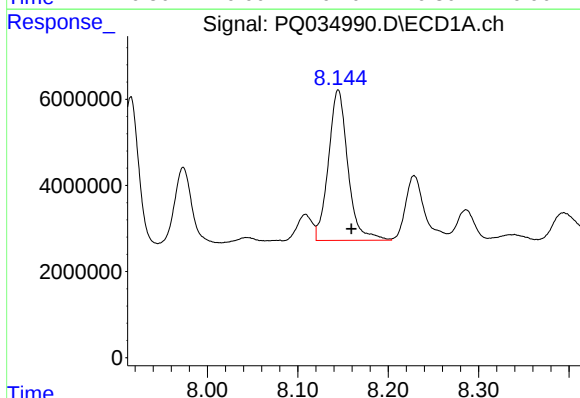
R.T.: 7.915 min
Delta R.T.: -0.014 min
Response: 42064976
Conc: 394.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



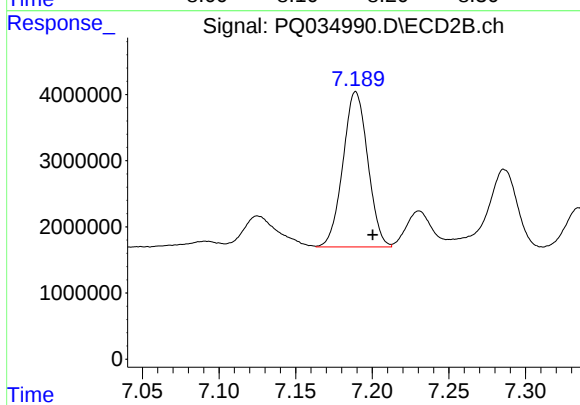
#33 AR-1260-3

R.T.: 6.720 min
Delta R.T.: -0.011 min
Response: 37347515
Conc: 304.22 ng/ml



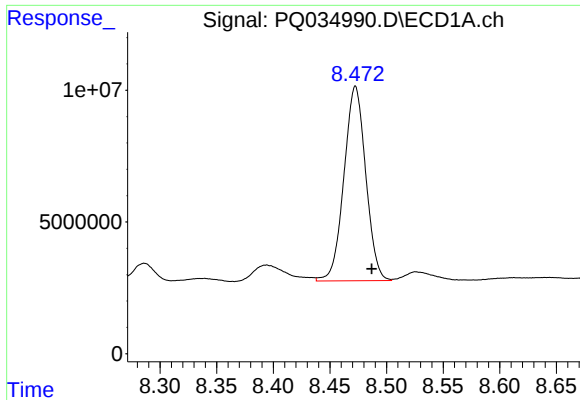
#34 AR-1260-4

R.T.: 8.145 min
Delta R.T.: -0.015 min
Response: 52302017
Conc: 394.89 ng/ml



#34 AR-1260-4

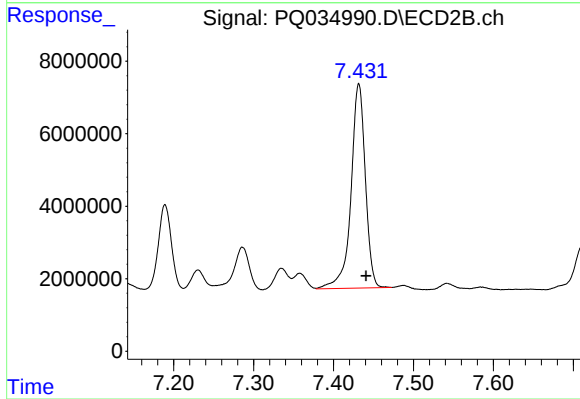
R.T.: 7.189 min
Delta R.T.: -0.011 min
Response: 26488542
Conc: 307.11 ng/ml



#35 AR-1260-5

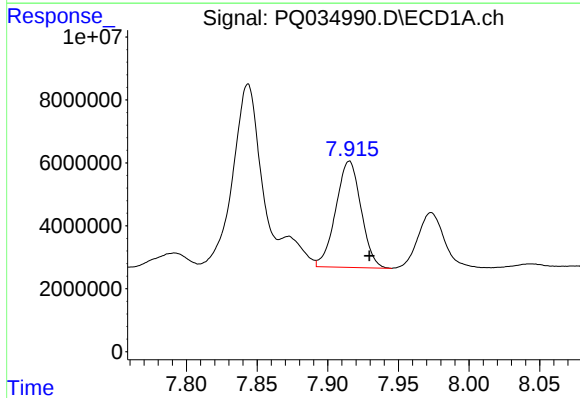
R.T.: 8.473 min
Delta R.T.: -0.014 min
Response: 98938708
Conc: 364.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



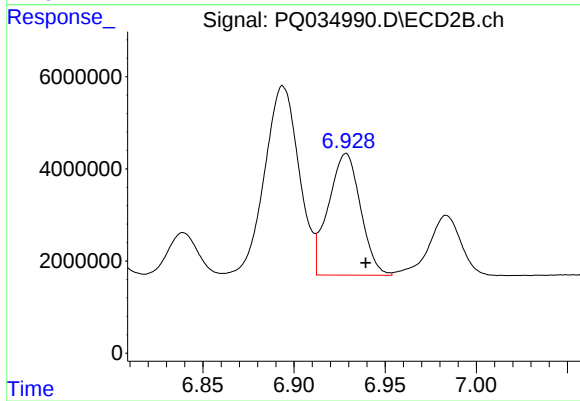
#35 AR-1260-5

R.T.: 7.432 min
Delta R.T.: -0.009 min
Response: 70138214
Conc: 319.07 ng/ml



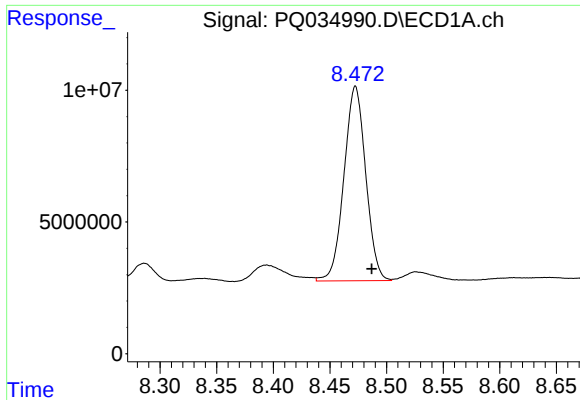
#36 AR-1262-1

R.T.: 7.915 min
Delta R.T.: -0.014 min
Response: 42064976
Conc: 222.29 ng/ml



#36 AR-1262-1

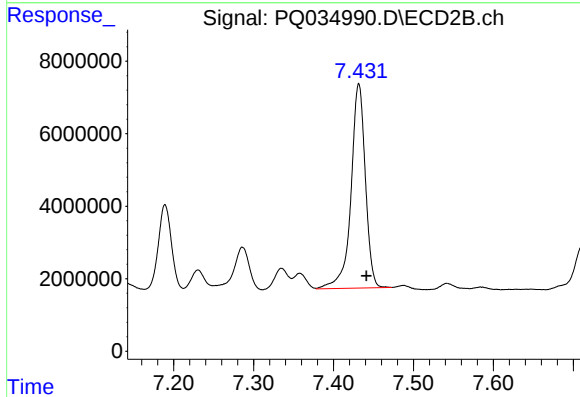
R.T.: 6.929 min
Delta R.T.: -0.011 min
Response: 32464819
Conc: 218.19 ng/ml



#37 AR-1262-2

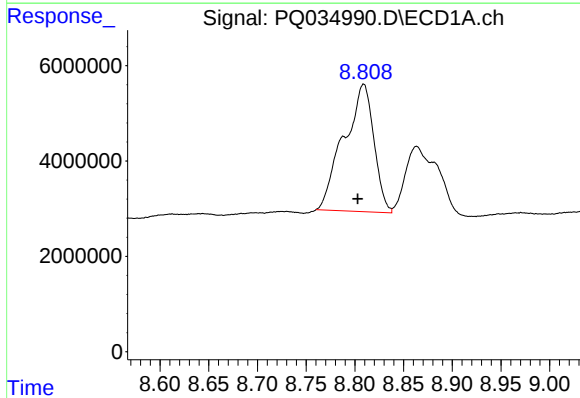
R.T.: 8.473 min
Delta R.T.: -0.014 min
Response: 98938708
Conc: 281.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



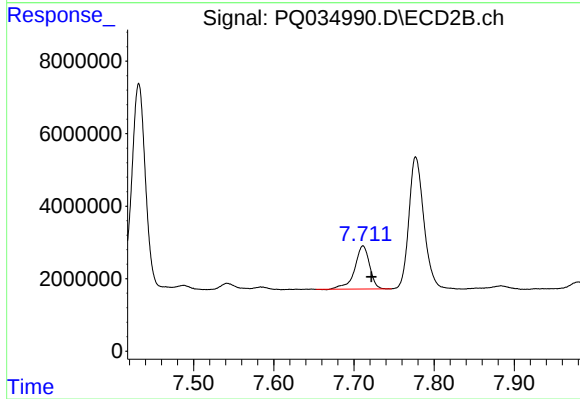
#37 AR-1262-2

R.T.: 7.432 min
Delta R.T.: -0.009 min
Response: 70138214
Conc: 254.74 ng/ml



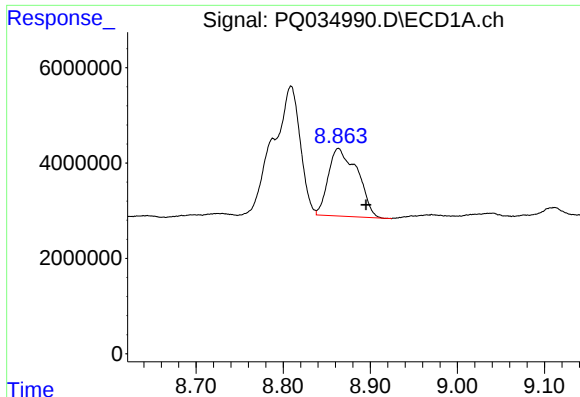
#38 AR-1262-3

R.T.: 8.809 min
Delta R.T.: 0.006 min
Response: 57243147
Conc: 249.13 ng/ml



#38 AR-1262-3

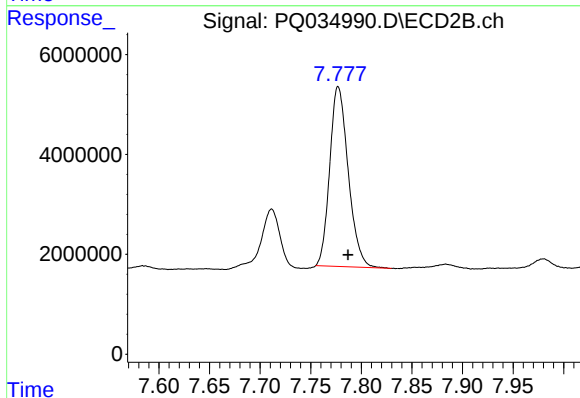
R.T.: 7.711 min
Delta R.T.: -0.010 min
Response: 15446528
Conc: 142.84 ng/ml



#39 AR-1262-4

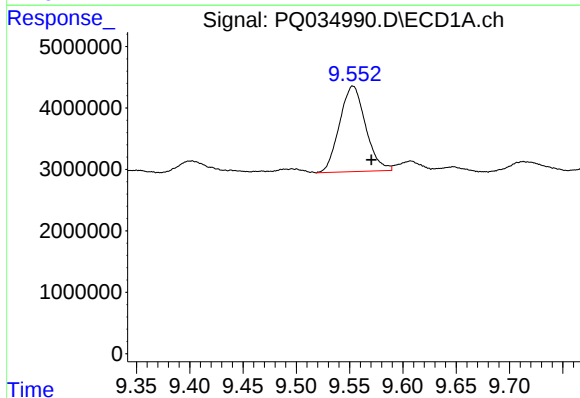
R.T.: 8.863 min
Delta R.T.: -0.032 min
Response: 32997608
Conc: 193.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



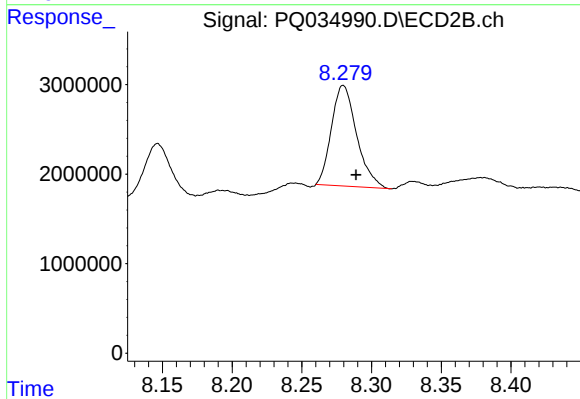
#39 AR-1262-4

R.T.: 7.777 min
Delta R.T.: -0.010 min
Response: 45833692
Conc: 228.83 ng/ml



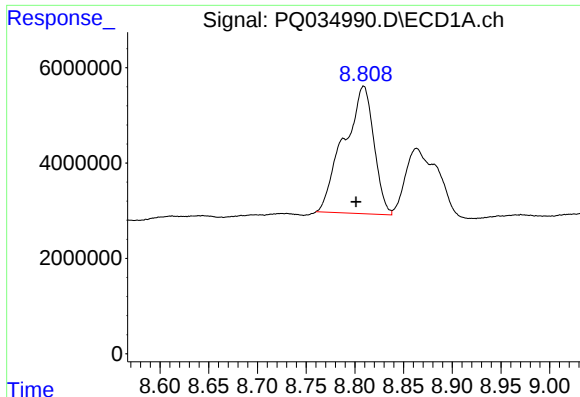
#40 AR-1262-5

R.T.: 9.553 min
Delta R.T.: -0.017 min
Response: 23723075
Conc: 194.53 ng/ml



#40 AR-1262-5

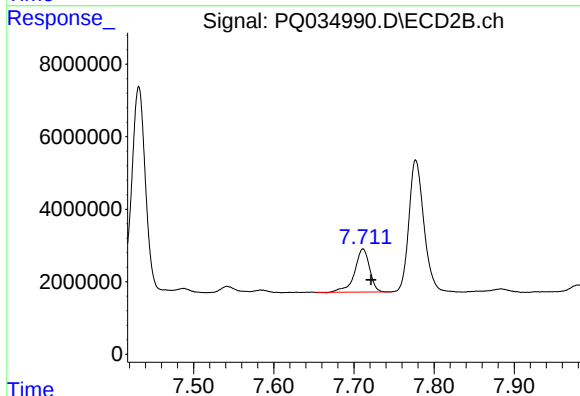
R.T.: 8.280 min
Delta R.T.: -0.009 min
Response: 14153875
Conc: 155.44 ng/ml



#41 AR-1268-1

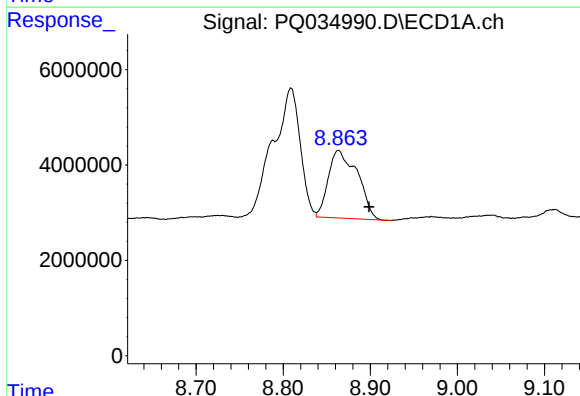
R.T.: 8.809 min
Delta R.T.: 0.008 min
Response: 57243147
Conc: 132.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



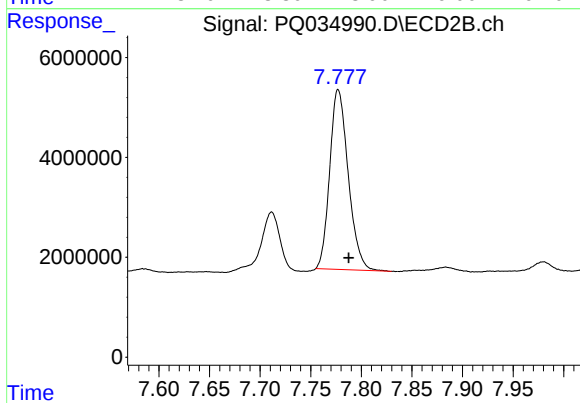
#41 AR-1268-1

R.T.: 7.711 min
Delta R.T.: -0.010 min
Response: 15446528
Conc: 46.38 ng/ml



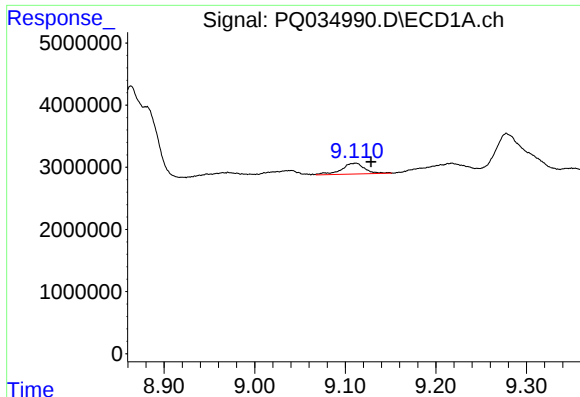
#42 AR-1268-2

R.T.: 8.863 min
Delta R.T.: -0.035 min
Response: 32997608
Conc: 85.01 ng/ml



#42 AR-1268-2

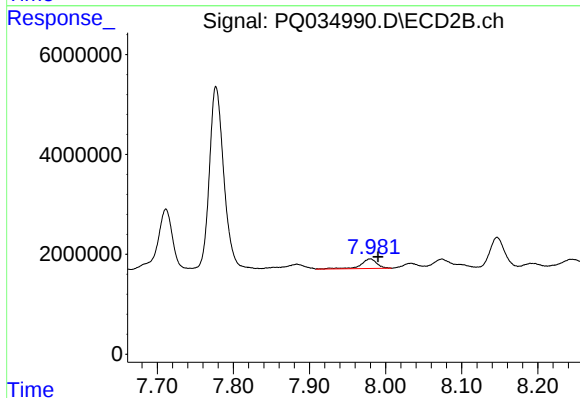
R.T.: 7.777 min
Delta R.T.: -0.010 min
Response: 45833692
Conc: 153.46 ng/ml



#43 AR-1268-3

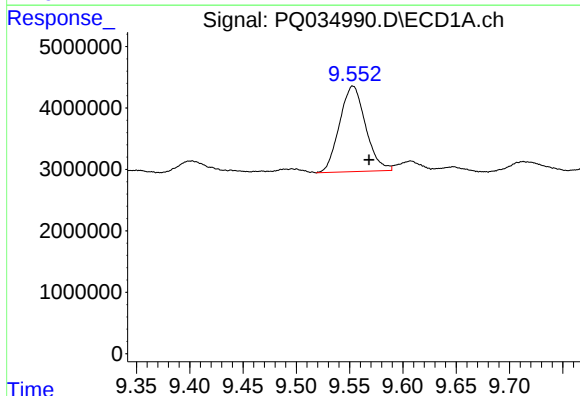
R.T.: 9.112 min
Delta R.T.: -0.017 min
Response: 3087429
Conc: 9.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



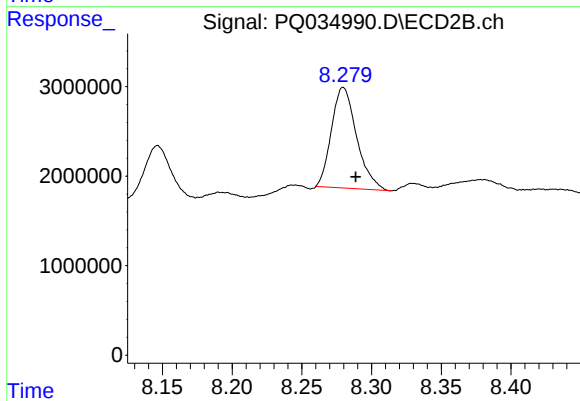
#43 AR-1268-3

R.T.: 7.980 min
Delta R.T.: -0.010 min
Response: 2845399
Conc: 11.48 ng/ml



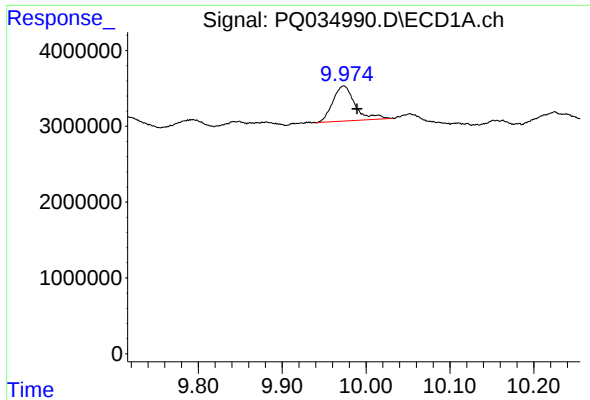
#44 AR-1268-4

R.T.: 9.553 min
Delta R.T.: -0.015 min
Response: 23723075
Conc: 171.76 ng/ml



#44 AR-1268-4

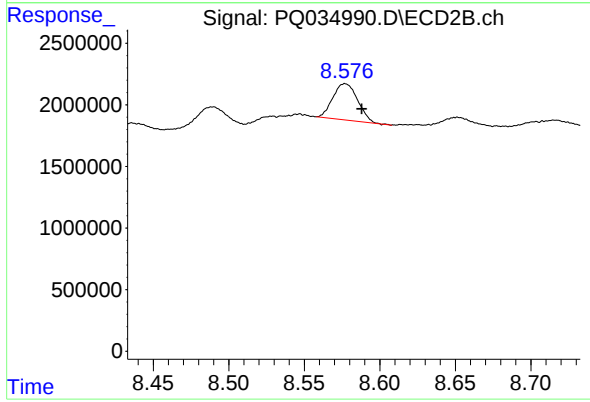
R.T.: 8.280 min
Delta R.T.: -0.009 min
Response: 14153875
Conc: 133.08 ng/ml



#45 AR-1268-5

R.T.: 9.973 min
Delta R.T.: -0.016 min
Response: 8540237
Conc: 7.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.577 min
Delta R.T.: -0.011 min
Response: 3381240
Conc: 4.25 ng/ml