

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ083118\
 Data File : PQ031531.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Aug 2018 13:24
 Operator : SM\SJ
 Sample : J4679-03MSD (Sig #1); J4679-02MSD (Sig #2)
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 CB4A0MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 05:23:00 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	64060987	50947773	30.689	30.407
2)	SA Decachlor...	10.462	8.965	115.3E6	102.9E6	42.267	44.329
Target Compounds							
3)	L1 AR-1016-1	5.315	4.564	30375078	28008275	558.468	636.791
4)	L1 AR-1016-2	5.511	4.981	33798947	38805488	614.104	595.355
5)	L1 AR-1016-3	5.780	5.000	42069674	51818230	535.414	558.097
6)	L1 AR-1016-4	5.866	5.057	35828462	33776192	505.090	540.604
7)	L1 AR-1016-5	6.260	5.435	31809966	23158839	498.726	422.945
8)	L2 AR-1221-1	4.806	4.095	3059734	2748756	152.100	144.380
9)	L2 AR-1221-2	4.900	4.184	4392037	2899523	303.520	285.411
10)	L2 AR-1221-3	4.977	4.261	19484285	14783472	336.144	354.971
11)	L3 AR-1232-1	5.803	4.760	62979521	31490554	1402.842	1732.797
12)	L3 AR-1232-2	5.966	4.874	29593914	8537106	1331.952	1728.554 #
13)	L3 AR-1232-3	6.137	5.261	10326236	23822849	1476.695	1412.201
14)	L3 AR-1232-4	6.470	5.586	7213608	21431981	1084.872	979.534
15)	L3 AR-1232-5	7.335	6.194	10002420	18532131	2061.420	6296.491 #
16)	L4 AR-1242-1	5.346	4.585	20029527	16364095	836.503	877.333
17)	L4 AR-1242-2	6.100	5.180	24677479	27008478	591.171	695.190
18)	L4 AR-1242-3	6.301	5.293	12501824	10482859	590.221	838.928 #
19)	L4 AR-1242-4	6.346	5.662	8869936	6347330	567.767	576.843
20)	L4 AR-1242-5	6.401	6.064	26757196	14547119	494.984	507.833
21)	L5 AR-1248-1	6.054	5.218	23257786	22602160	306.508	362.394
22)	L5 AR-1248-2	6.637	5.789	27700677	26635876	344.337	223.271 #
23)	L5 AR-1248-3	6.672	5.830	10027768	5403765	94.144	66.335 #
24)	L5 AR-1248-4	6.703	6.014	4811733	58946221	47.534	821.480 #
25)	L5 AR-1248-5	6.906	6.355	7408204	54326385	106.935	938.251 #
26)	L6 AR-1254-1	6.854	5.934	30850630	26848789	165.458	220.659 #
27)	L6 AR-1254-2	7.122	6.253	18672327	5765892	159.836	55.681 #
28)	L6 AR-1254-3	7.225	6.570	22143937	5961667	105.874	44.988 #
29)	L6 AR-1254-4	7.510	6.895	15208974	8884441	99.547	94.836
30)	L6 AR-1254-5	7.773	6.989	36195429	102.5E6	310.646	539.468 #
31)	L7 AR-1260-1	7.387	6.473	69896039	57127160	473.244	437.853
32)	L7 AR-1260-2	7.643	6.657	102.8E6	76285064	572.742	478.167
33)	L7 AR-1260-3	7.929	6.815	122.9E6	68699196	566.625	455.705
34)	L7 AR-1260-4	8.236	7.288	69505002	54334411	439.113	433.314
35)	L7 AR-1260-5	8.569	7.526	133.9E6	139.0E6	416.679	459.787
36)	L8 AR-1262-1	7.281	6.355	42611864	54326385	525.703	726.212 #
37)	L8 AR-1262-2	8.061	7.079	40249650	27773351	495.737	380.033
38)	L8 AR-1262-3	8.321	7.386	31019732	31611005	343.085	417.502
39)	L8 AR-1262-4	8.969	7.811	46212957	26461836	253.890	188.061 #
40)	L8 AR-1262-5	9.674	8.383	28928192	28384563	224.532	256.814
41)	L9 AR-1268-1	8.003	7.025	62893099	58543188	694.527	708.286

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 Operator : SM\SJ
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 Misc :
 ALS Vial : 20 Sample Multiplier: 1

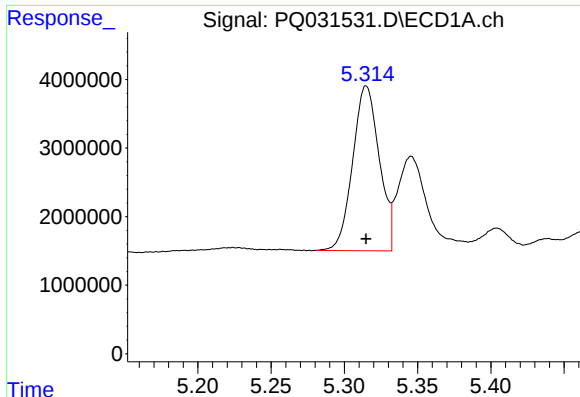
Instrument :
 ECD_Q
 ClientSampleId :
 CB4A0MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 05:23:00 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082718CLP.M
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 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	7.875	69505002	82709831	586.376	192.884 #
43) L9	AR-1268-3	8.911	8.086	88973238	7891866	173.616	21.971 #
44) L9	AR-1268-4	9.227	8.181	8117702	2300958	20.581	24.026
45) L9	AR-1268-5	10.108	8.693	26712420	22427719	22.370	20.851

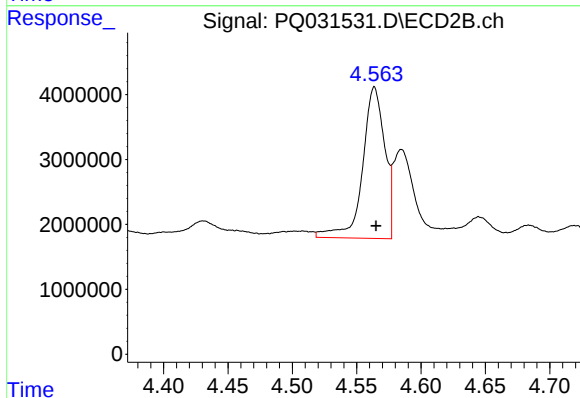
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

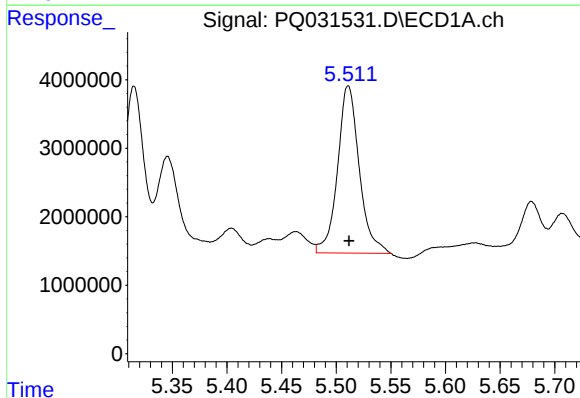
R.T.: 5.315 min
Delta R.T.: 0.000 min
Response: 30375078
Conc: 558.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
CB4A0MSD



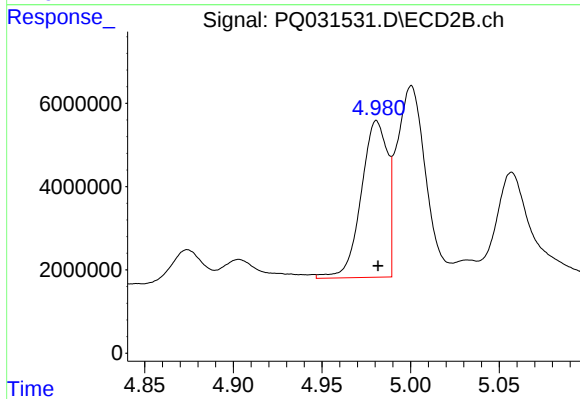
#3 AR-1016-1

R.T.: 4.564 min
Delta R.T.: -0.001 min
Response: 28008275
Conc: 636.79 ng/ml



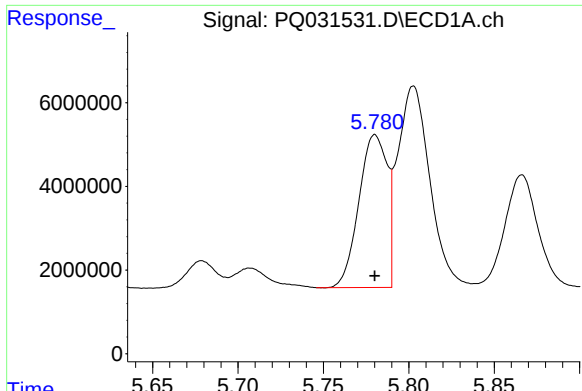
#4 AR-1016-2

R.T.: 5.511 min
Delta R.T.: 0.000 min
Response: 33798947
Conc: 614.10 ng/ml



#4 AR-1016-2

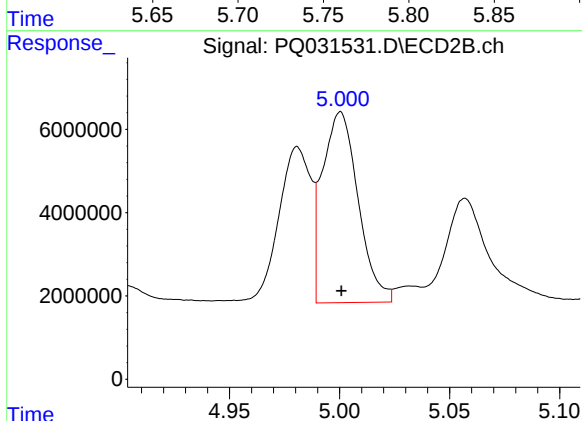
R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 38805488
Conc: 595.36 ng/ml



#5 AR-1016-3

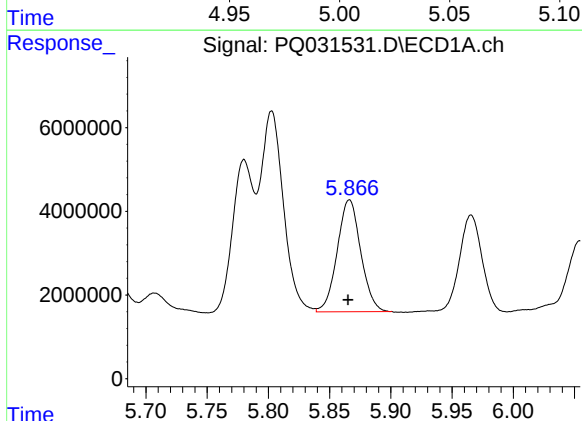
R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 42069674
Conc: 535.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
CB4A0MSD



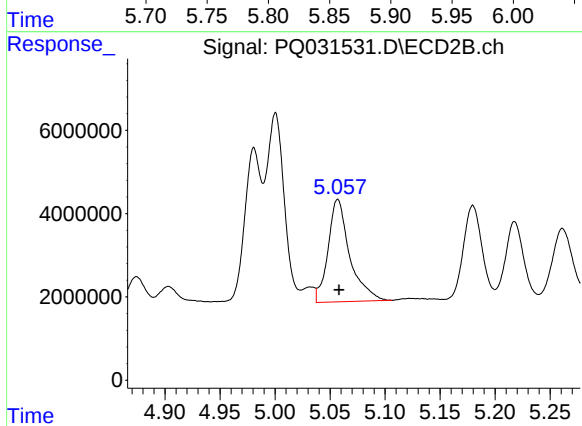
#5 AR-1016-3

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 51818230
Conc: 558.10 ng/ml



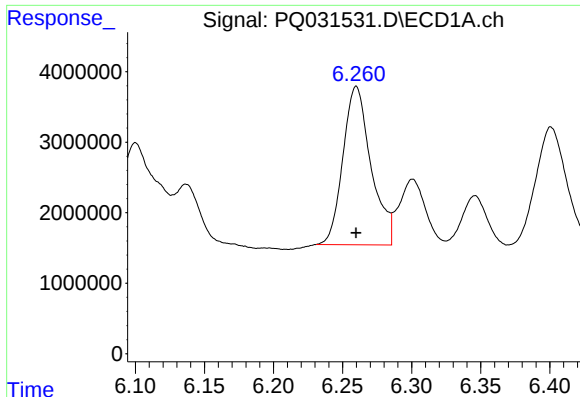
#6 AR-1016-4

R.T.: 5.866 min
Delta R.T.: 0.001 min
Response: 35828462
Conc: 505.09 ng/ml



#6 AR-1016-4

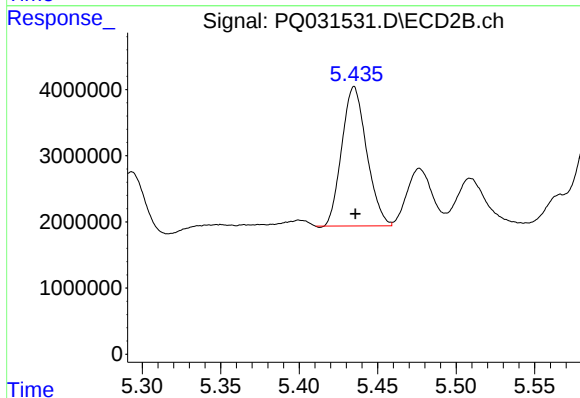
R.T.: 5.057 min
Delta R.T.: -0.001 min
Response: 33776192
Conc: 540.60 ng/ml



#7 AR-1016-5

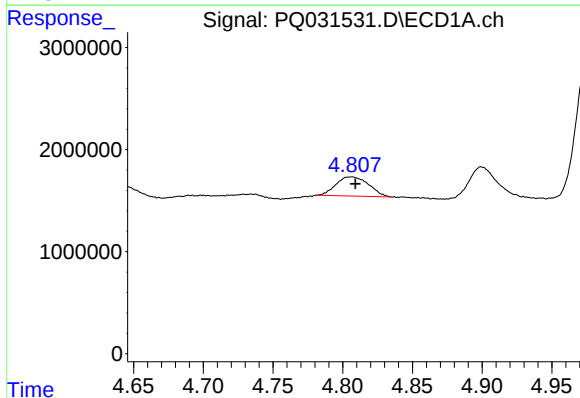
R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 31809966
Conc: 498.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
CB4A0MSD



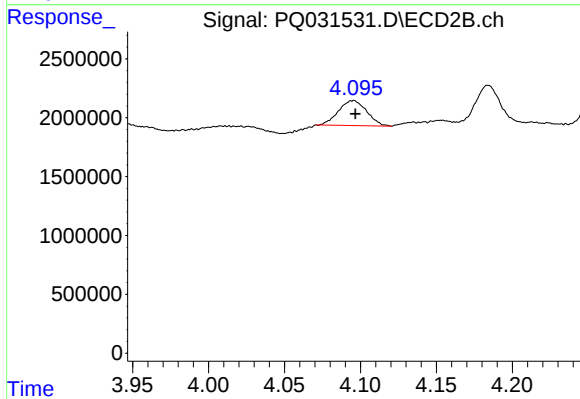
#7 AR-1016-5

R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 23158839
Conc: 422.95 ng/ml



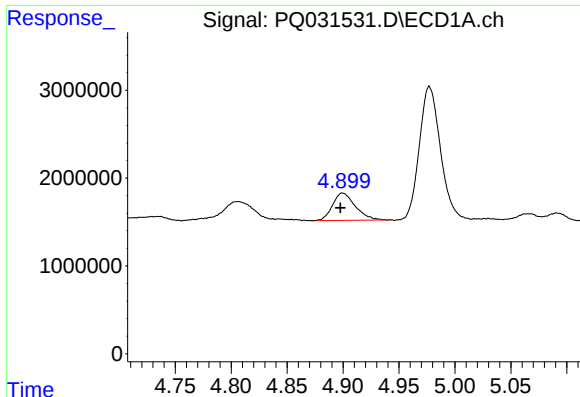
#8 AR-1221-1

R.T.: 4.806 min
Delta R.T.: -0.003 min
Response: 3059734
Conc: 152.10 ng/ml



#8 AR-1221-1

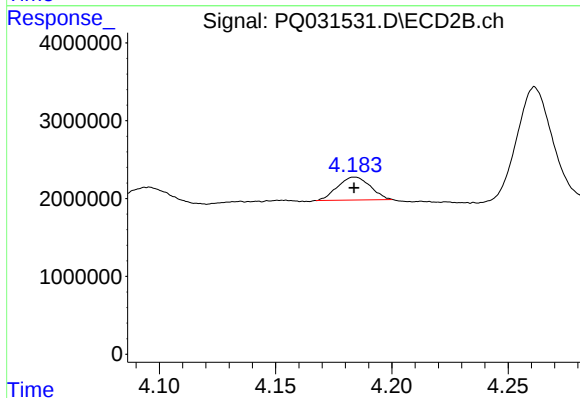
R.T.: 4.095 min
Delta R.T.: -0.001 min
Response: 2748756
Conc: 144.38 ng/ml



#9 AR-1221-2

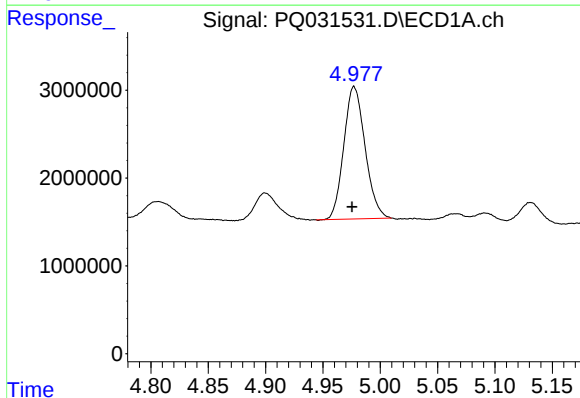
R.T.: 4.900 min
Delta R.T.: 0.002 min
Response: 4392037
Conc: 303.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
CB4A0MSD



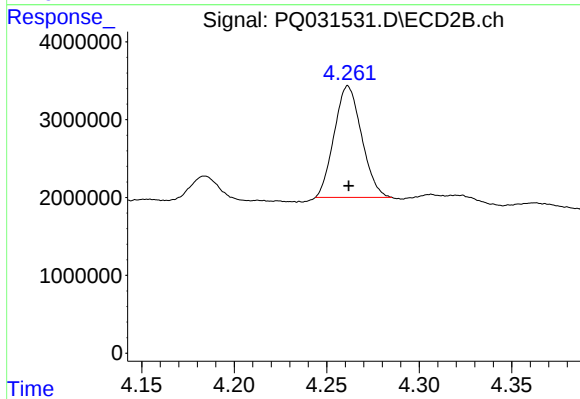
#9 AR-1221-2

R.T.: 4.184 min
Delta R.T.: 0.000 min
Response: 2899523
Conc: 285.41 ng/ml



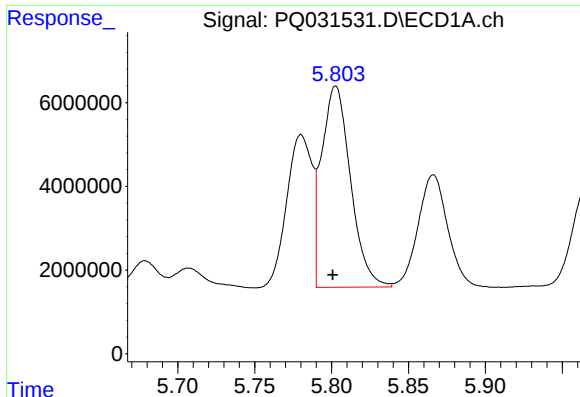
#10 AR-1221-3

R.T.: 4.977 min
Delta R.T.: 0.002 min
Response: 19484285
Conc: 336.14 ng/ml



#10 AR-1221-3

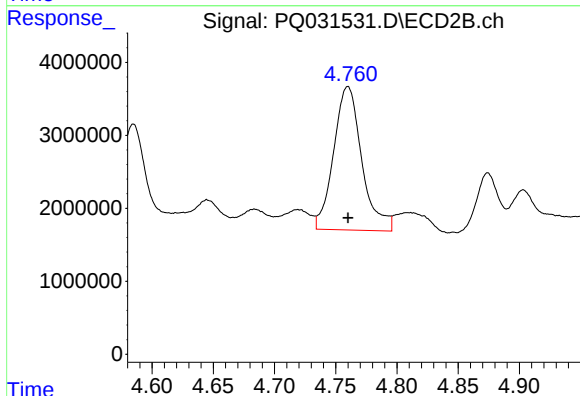
R.T.: 4.261 min
Delta R.T.: 0.000 min
Response: 14783472
Conc: 354.97 ng/ml



#11 AR-1232-1

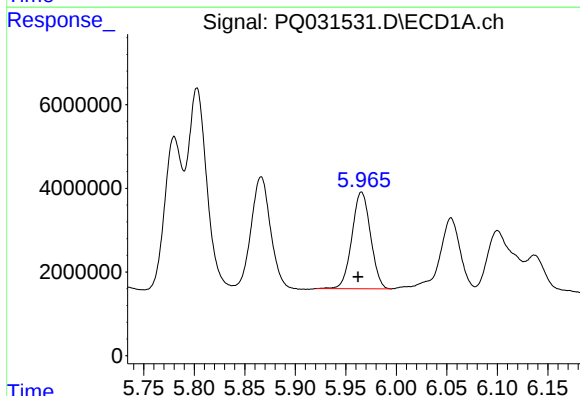
R.T.: 5.803 min
Delta R.T.: 0.002 min
Response: 62979521
Conc: 1402.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
CB4A0MSD



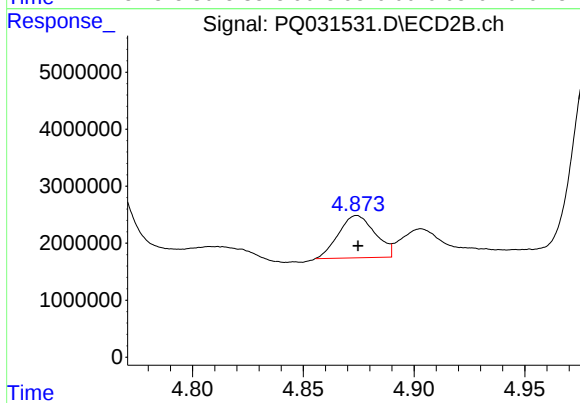
#11 AR-1232-1

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 31490554
Conc: 1732.80 ng/ml



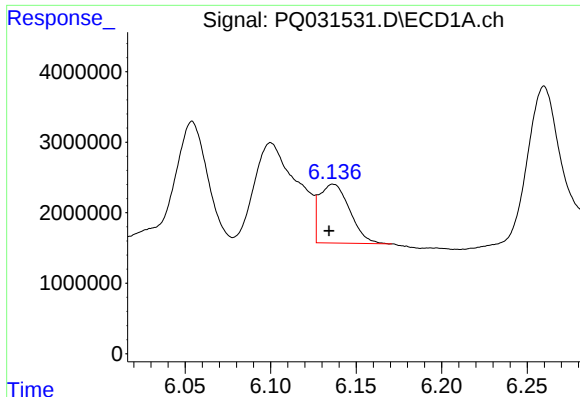
#12 AR-1232-2

R.T.: 5.966 min
Delta R.T.: 0.003 min
Response: 29593914
Conc: 1331.95 ng/ml



#12 AR-1232-2

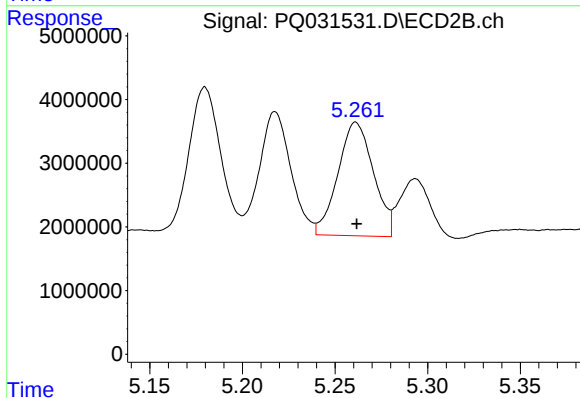
R.T.: 4.874 min
Delta R.T.: 0.000 min
Response: 8537106
Conc: 1728.55 ng/ml



#13 AR-1232-3

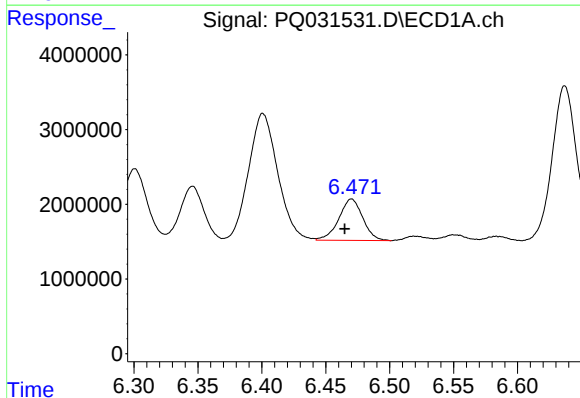
R.T.: 6.137 min
Delta R.T.: 0.003 min
Response: 10326236
Conc: 1476.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
CB4A0MSD



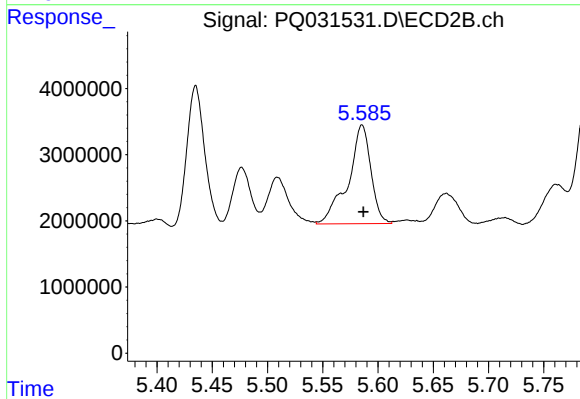
#13 AR-1232-3

R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 23822849
Conc: 1412.20 ng/ml



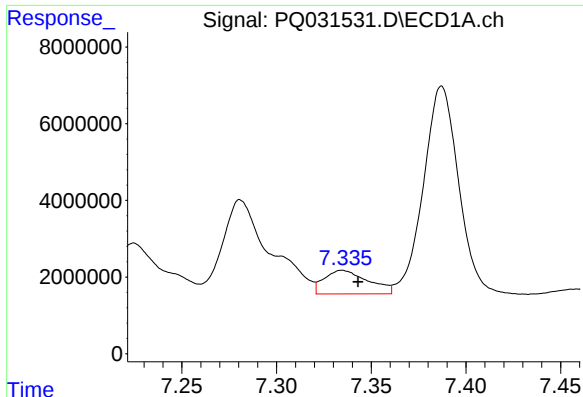
#14 AR-1232-4

R.T.: 6.470 min
Delta R.T.: 0.005 min
Response: 7213608
Conc: 1084.87 ng/ml



#14 AR-1232-4

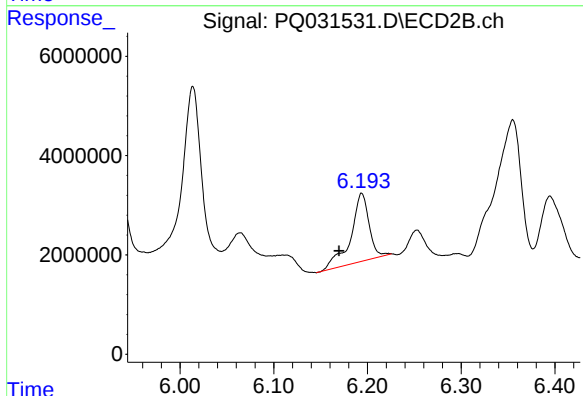
R.T.: 5.586 min
Delta R.T.: -0.001 min
Response: 21431981
Conc: 979.53 ng/ml



#15 AR-1232-5

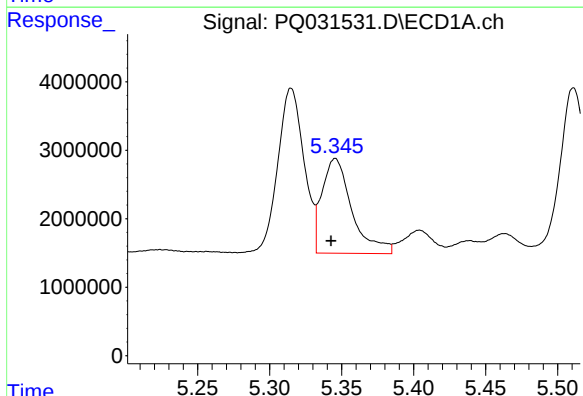
R.T.: 7.335 min
Delta R.T.: -0.008 min
Response: 10002420
Conc: 2061.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
CB4A0MSD



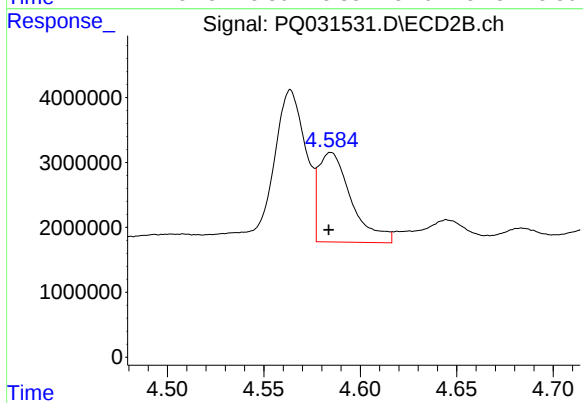
#15 AR-1232-5

R.T.: 6.194 min
Delta R.T.: 0.024 min
Response: 18532131
Conc: 6296.49 ng/ml



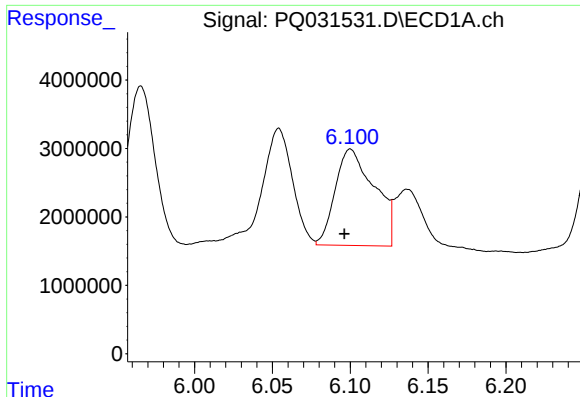
#16 AR-1242-1

R.T.: 5.346 min
Delta R.T.: 0.003 min
Response: 20029527
Conc: 836.50 ng/ml



#16 AR-1242-1

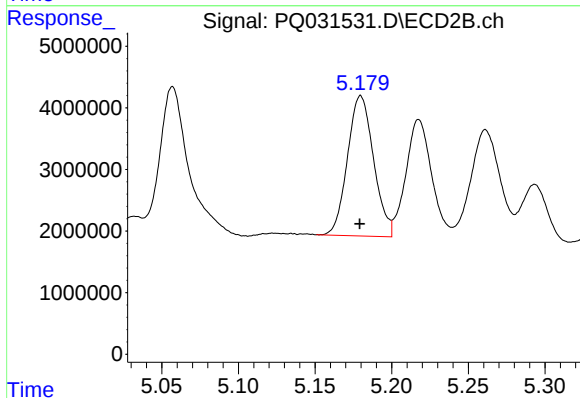
R.T.: 4.585 min
Delta R.T.: 0.001 min
Response: 16364095
Conc: 877.33 ng/ml



#17 AR-1242-2

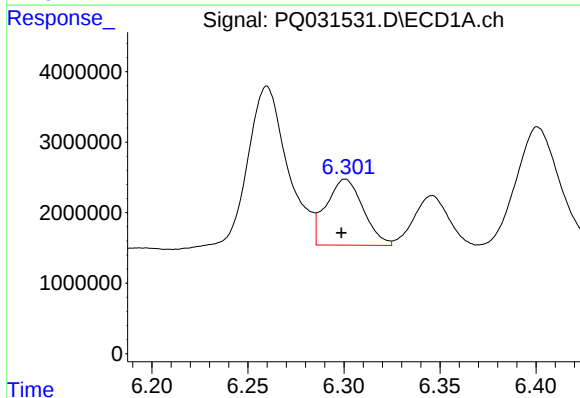
R.T.: 6.100 min
Delta R.T.: 0.004 min
Response: 24677479
Conc: 591.17 ng/ml

Instrument :
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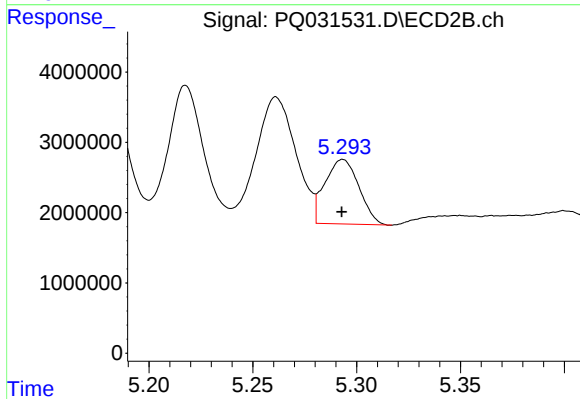
#17 AR-1242-2

R.T.: 5.180 min
Delta R.T.: 0.000 min
Response: 27008478
Conc: 695.19 ng/ml



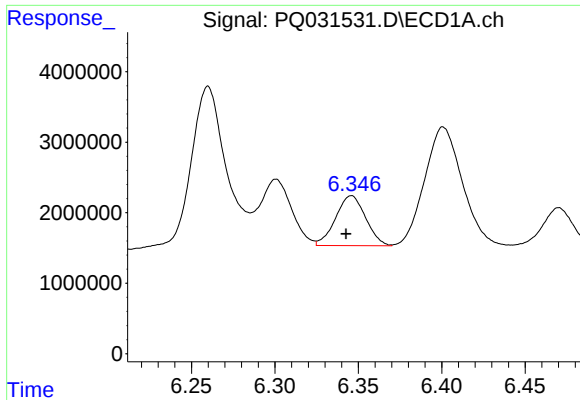
#18 AR-1242-3

R.T.: 6.301 min
Delta R.T.: 0.002 min
Response: 12501824
Conc: 590.22 ng/ml



#18 AR-1242-3

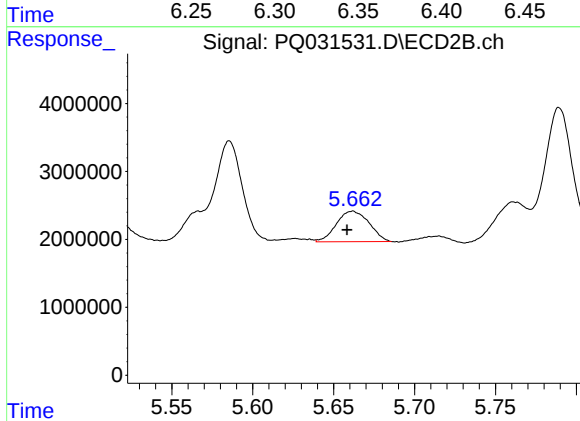
R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 10482859
Conc: 838.93 ng/ml



#19 AR-1242-4

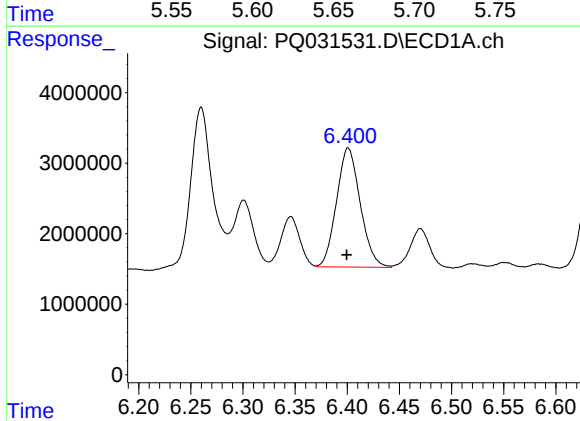
R.T.: 6.346 min
Delta R.T.: 0.003 min
Response: 8869936
Conc: 567.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
CB4A0MSD



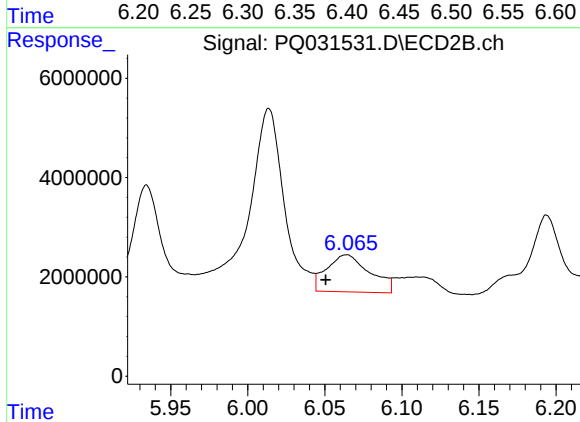
#19 AR-1242-4

R.T.: 5.662 min
Delta R.T.: 0.003 min
Response: 6347330
Conc: 576.84 ng/ml



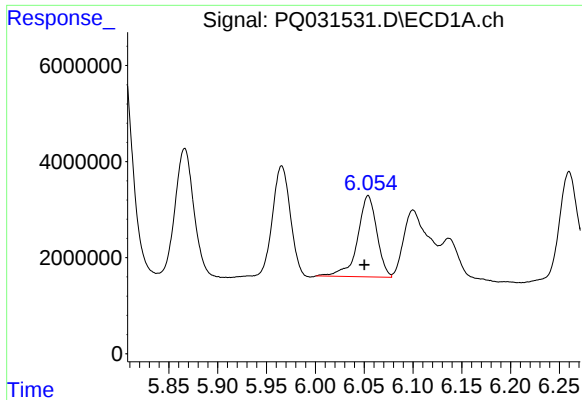
#20 AR-1242-5

R.T.: 6.401 min
Delta R.T.: 0.001 min
Response: 26757196
Conc: 494.98 ng/ml



#20 AR-1242-5

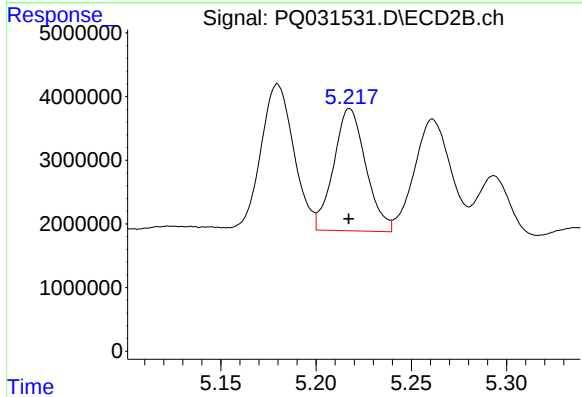
R.T.: 6.064 min
Delta R.T.: 0.013 min
Response: 14547119
Conc: 507.83 ng/ml



#21 AR-1248-1

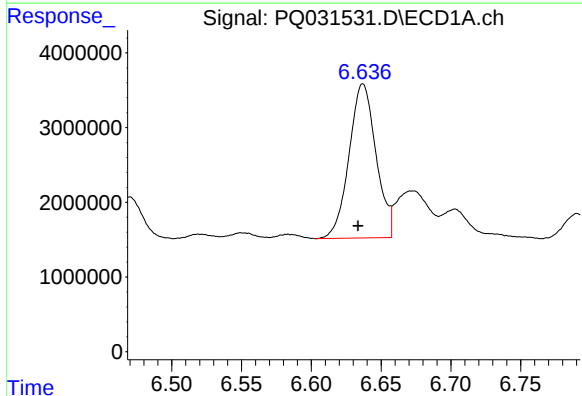
R.T.: 6.054 min
Delta R.T.: 0.004 min
Response: 23257786
Conc: 306.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
CB4A0MSD



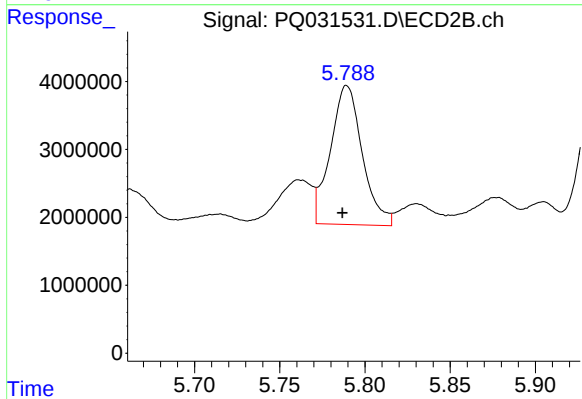
#21 AR-1248-1

R.T.: 5.218 min
Delta R.T.: 0.000 min
Response: 22602160
Conc: 362.39 ng/ml



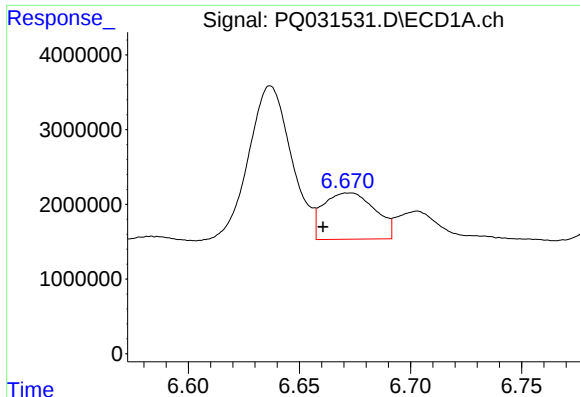
#22 AR-1248-2

R.T.: 6.637 min
Delta R.T.: 0.004 min
Response: 27700677
Conc: 344.34 ng/ml



#22 AR-1248-2

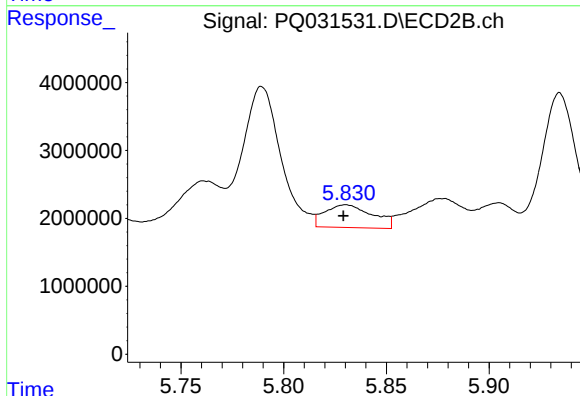
R.T.: 5.789 min
Delta R.T.: 0.003 min
Response: 26635876
Conc: 223.27 ng/ml



#23 AR-1248-3

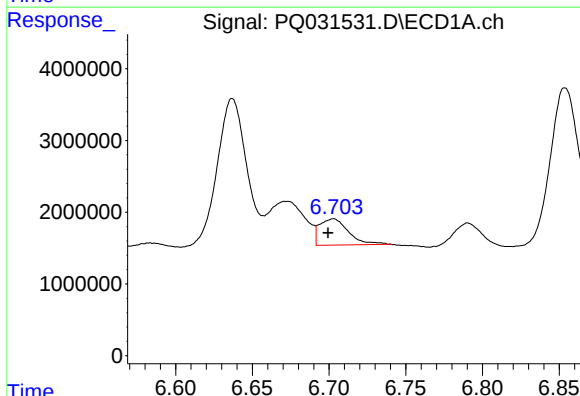
R.T.: 6.672 min
Delta R.T.: 0.012 min
Response: 10027768
Conc: 94.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
CB4A0MSD



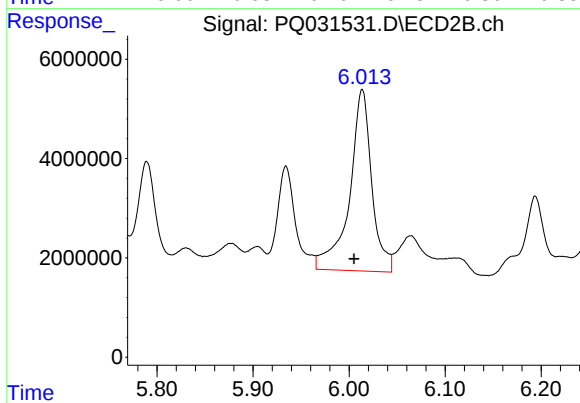
#23 AR-1248-3

R.T.: 5.830 min
Delta R.T.: 0.001 min
Response: 5403765
Conc: 66.33 ng/ml



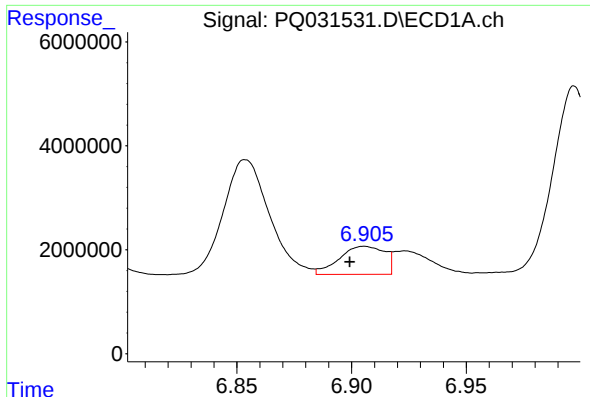
#24 AR-1248-4

R.T.: 6.703 min
Delta R.T.: 0.003 min
Response: 4811733
Conc: 47.53 ng/ml



#24 AR-1248-4

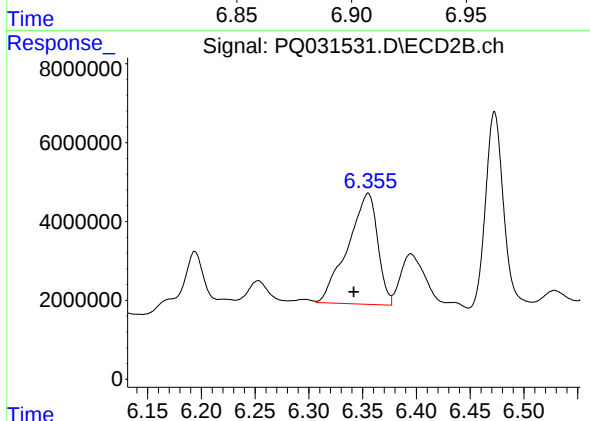
R.T.: 6.014 min
Delta R.T.: 0.008 min
Response: 58946221
Conc: 821.48 ng/ml



#25 AR-1248-5

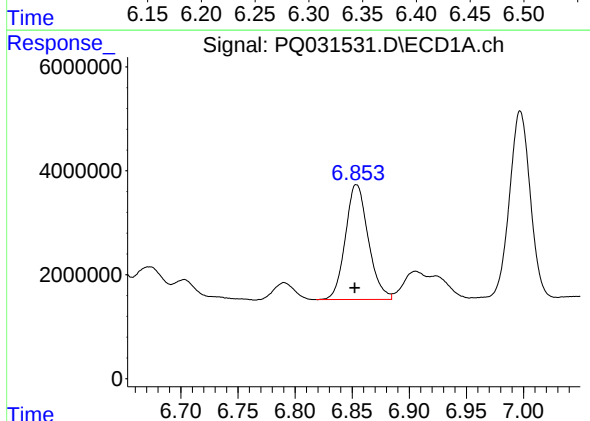
R.T.: 6.906 min
Delta R.T.: 0.006 min
Response: 7408204
Conc: 106.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
CB4A0MSD



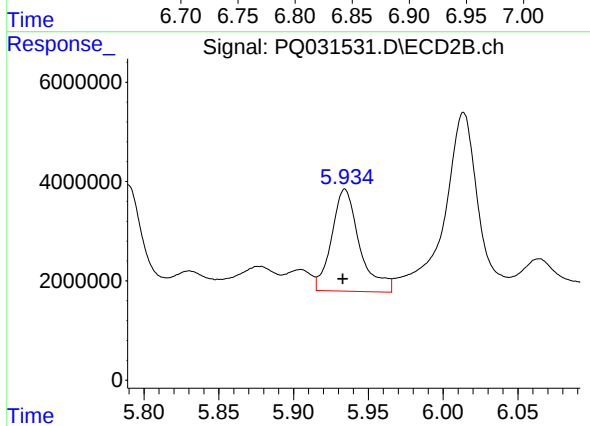
#25 AR-1248-5

R.T.: 6.355 min
Delta R.T.: 0.013 min
Response: 54326385
Conc: 938.25 ng/ml



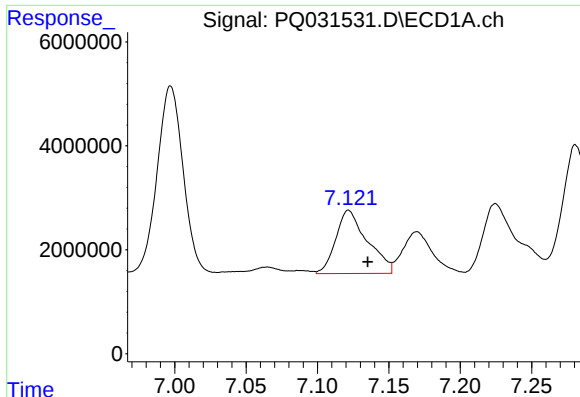
#26 AR-1254-1

R.T.: 6.854 min
Delta R.T.: 0.001 min
Response: 30850630
Conc: 165.46 ng/ml



#26 AR-1254-1

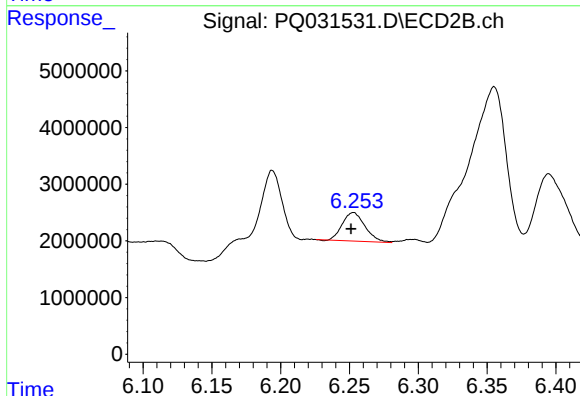
R.T.: 5.934 min
Delta R.T.: 0.001 min
Response: 26848789
Conc: 220.66 ng/ml



#27 AR-1254-2

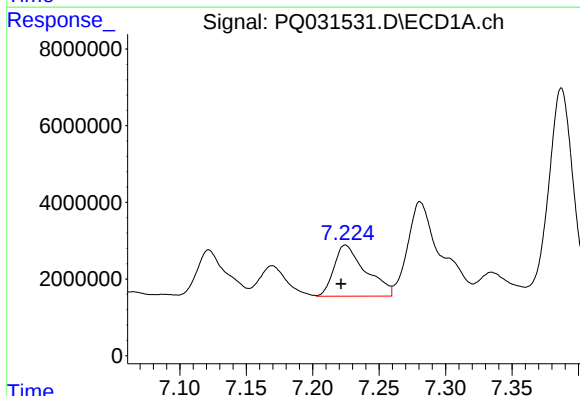
R.T.: 7.122 min
Delta R.T.: -0.013 min
Response: 18672327
Conc: 159.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
CB4A0MSD



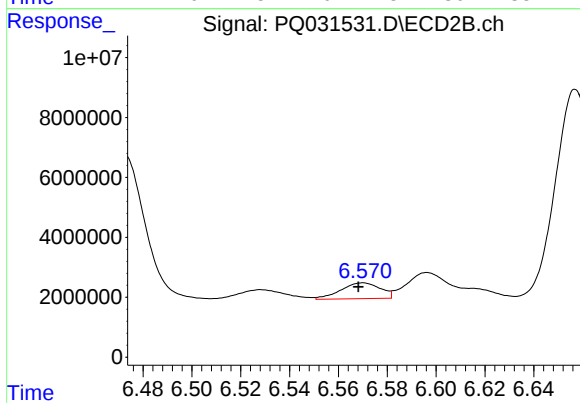
#27 AR-1254-2

R.T.: 6.253 min
Delta R.T.: 0.002 min
Response: 5765892
Conc: 55.68 ng/ml



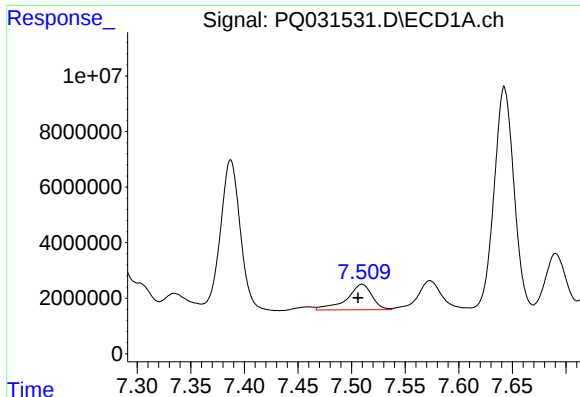
#28 AR-1254-3

R.T.: 7.225 min
Delta R.T.: 0.003 min
Response: 22143937
Conc: 105.87 ng/ml



#28 AR-1254-3

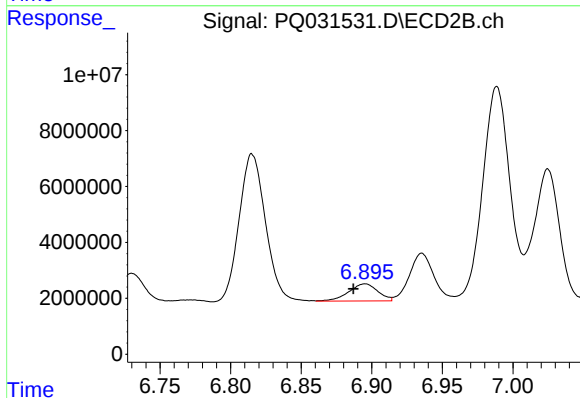
R.T.: 6.570 min
Delta R.T.: 0.002 min
Response: 5961667
Conc: 44.99 ng/ml



#29 AR-1254-4

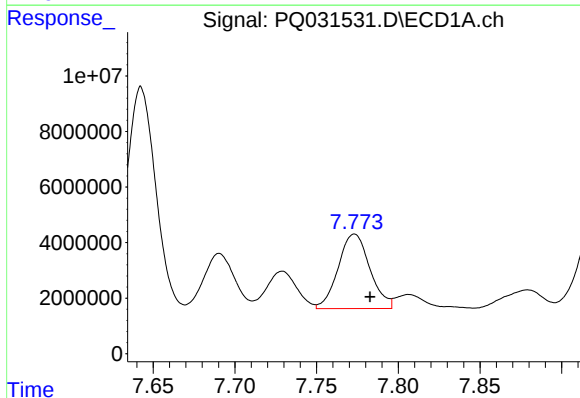
R.T.: 7.510 min
Delta R.T.: 0.004 min
Response: 15208974
Conc: 99.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
CB4A0MSD



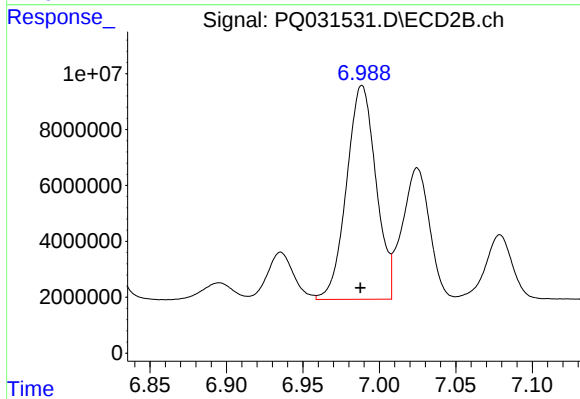
#29 AR-1254-4

R.T.: 6.895 min
Delta R.T.: 0.008 min
Response: 8884441
Conc: 94.84 ng/ml



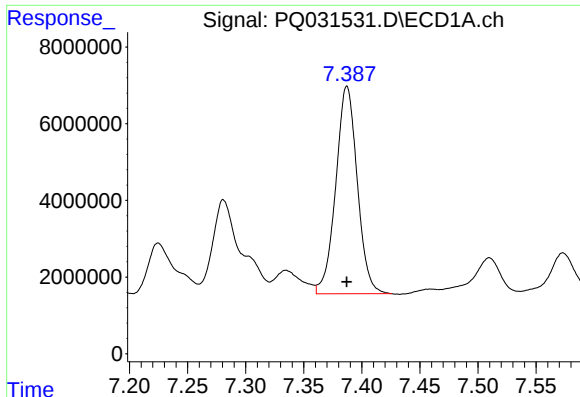
#30 AR-1254-5

R.T.: 7.773 min
Delta R.T.: -0.009 min
Response: 36195429
Conc: 310.65 ng/ml



#30 AR-1254-5

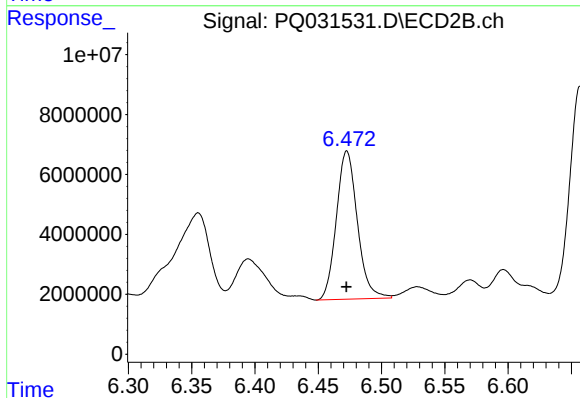
R.T.: 6.989 min
Delta R.T.: 0.001 min
Response: 102505900
Conc: 539.47 ng/ml



#31 AR-1260-1

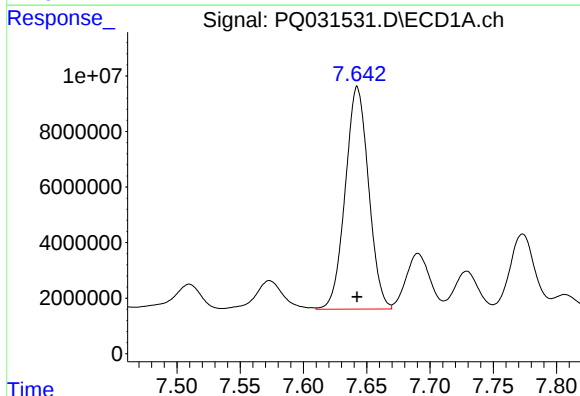
R.T.: 7.387 min
Delta R.T.: 0.000 min
Response: 69896039
Conc: 473.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
CB4A0MSD



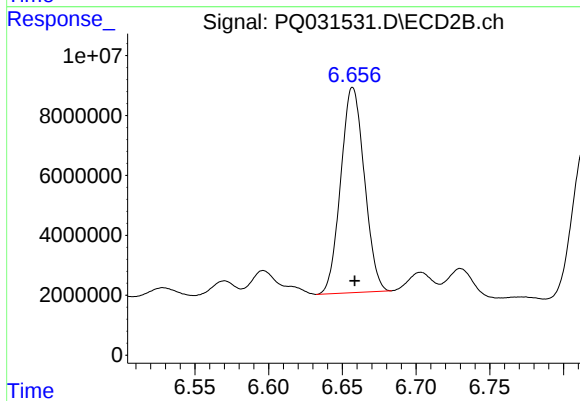
#31 AR-1260-1

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 57127160
Conc: 437.85 ng/ml



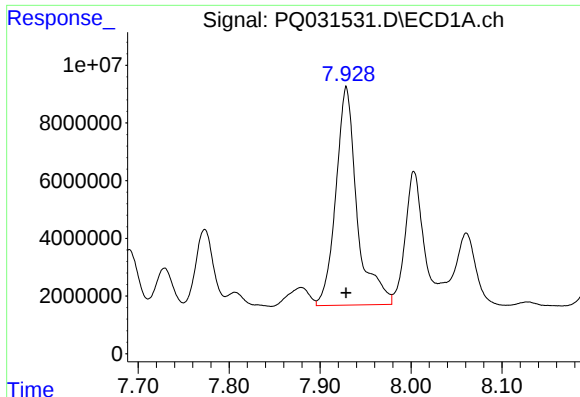
#32 AR-1260-2

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 102773495
Conc: 572.74 ng/ml



#32 AR-1260-2

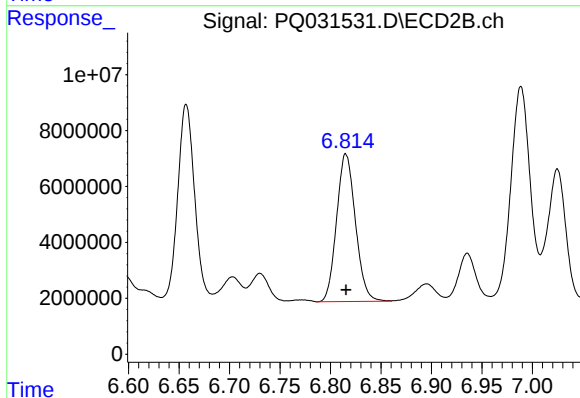
R.T.: 6.657 min
Delta R.T.: -0.001 min
Response: 76285064
Conc: 478.17 ng/ml



#33 AR-1260-3

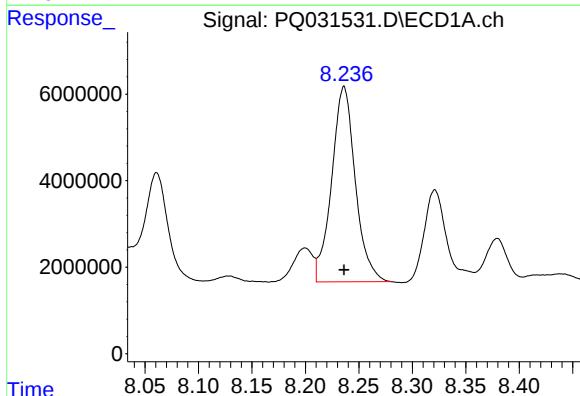
R.T.: 7.929 min
Delta R.T.: 0.000 min
Response: 122916894
Conc: 566.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
CB4A0MSD



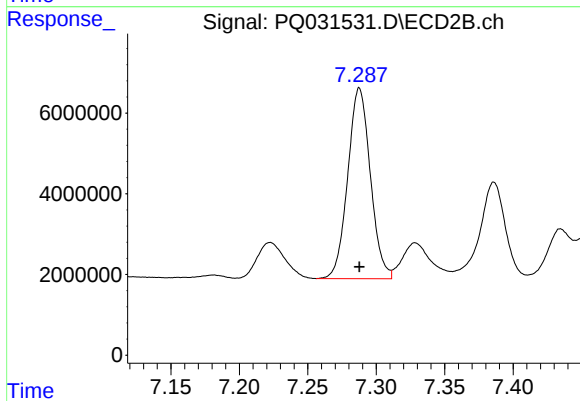
#33 AR-1260-3

R.T.: 6.815 min
Delta R.T.: 0.000 min
Response: 68699196
Conc: 455.70 ng/ml



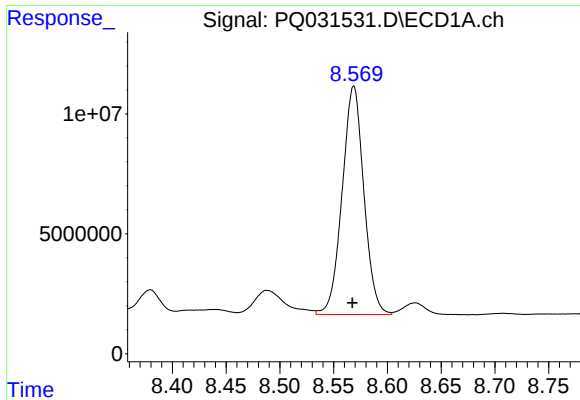
#34 AR-1260-4

R.T.: 8.236 min
Delta R.T.: 0.000 min
Response: 69505002
Conc: 439.11 ng/ml



#34 AR-1260-4

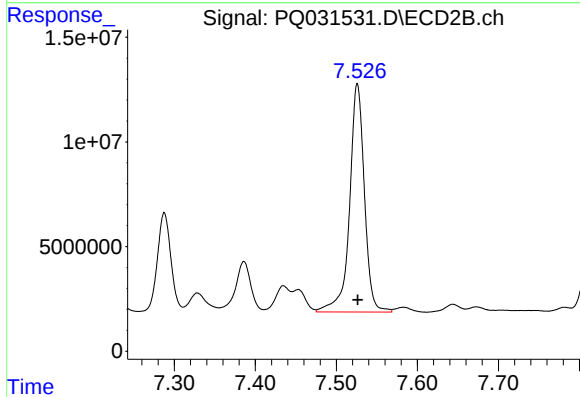
R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 54334411
Conc: 433.31 ng/ml



#35 AR-1260-5

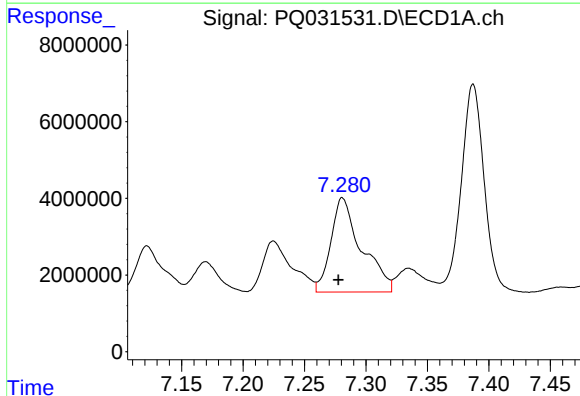
R.T.: 8.569 min
Delta R.T.: 0.001 min
Response: 133886779
Conc: 416.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
CB4A0MSD



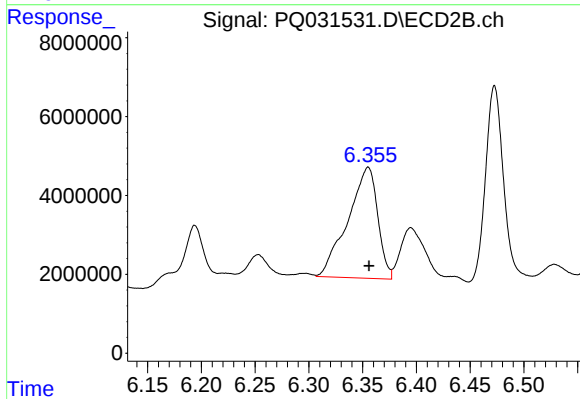
#35 AR-1260-5

R.T.: 7.526 min
Delta R.T.: 0.000 min
Response: 138989507
Conc: 459.79 ng/ml



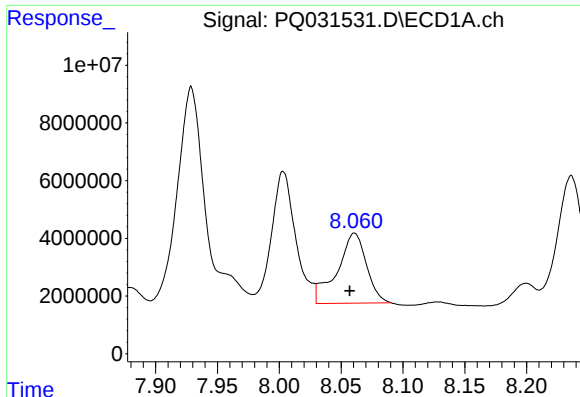
#36 AR-1262-1

R.T.: 7.281 min
Delta R.T.: 0.003 min
Response: 42611864
Conc: 525.70 ng/ml



#36 AR-1262-1

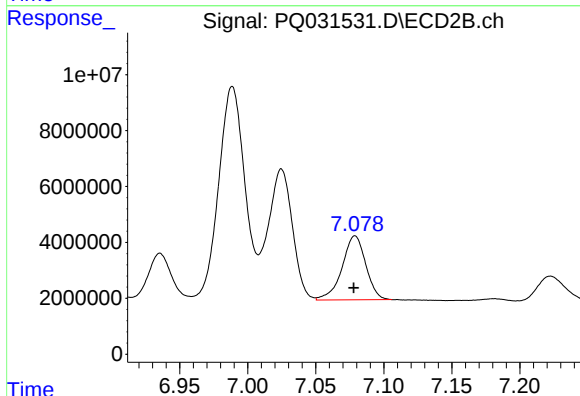
R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 54326385
Conc: 726.21 ng/ml



#37 AR-1262-2

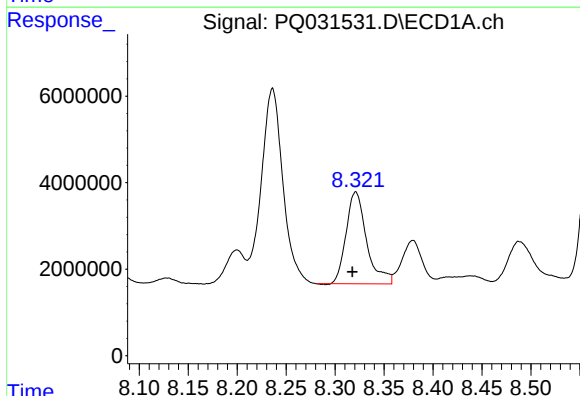
R.T.: 8.061 min
Delta R.T.: 0.004 min
Response: 40249650
Conc: 495.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
CB4A0MSD



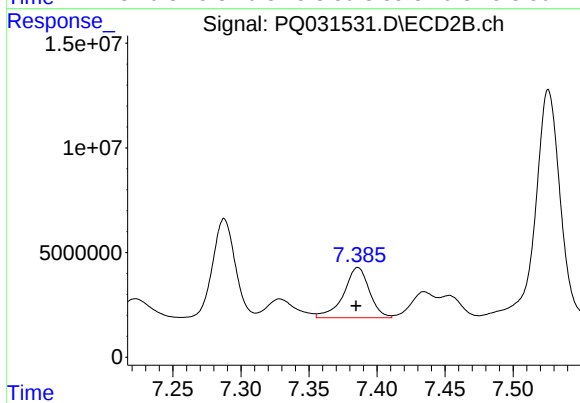
#37 AR-1262-2

R.T.: 7.079 min
Delta R.T.: 0.000 min
Response: 27773351
Conc: 380.03 ng/ml



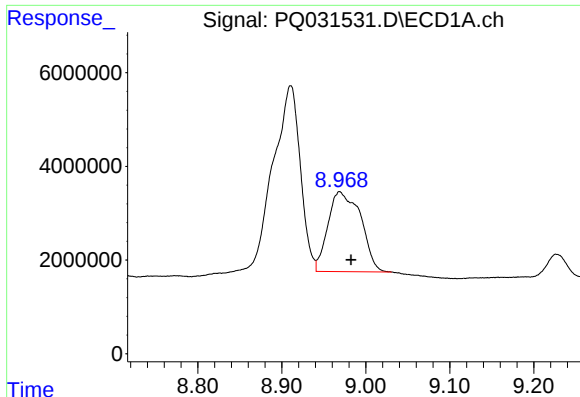
#38 AR-1262-3

R.T.: 8.321 min
Delta R.T.: 0.003 min
Response: 31019732
Conc: 343.09 ng/ml



#38 AR-1262-3

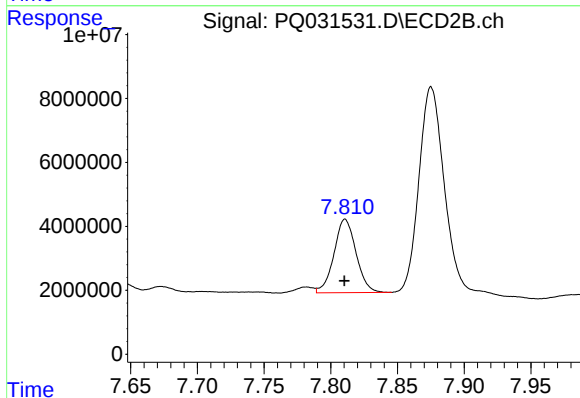
R.T.: 7.386 min
Delta R.T.: 0.001 min
Response: 31611005
Conc: 417.50 ng/ml



#39 AR-1262-4

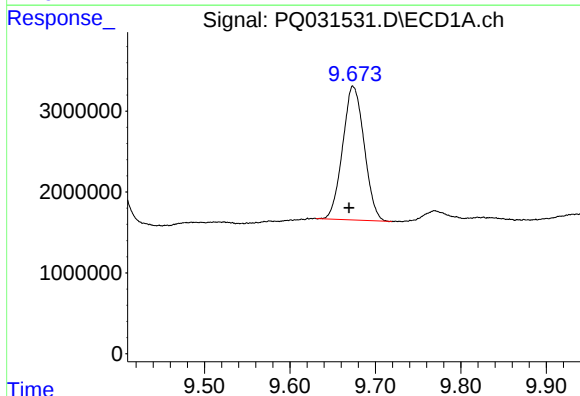
R.T.: 8.969 min
Delta R.T.: -0.013 min
Response: 46212957
Conc: 253.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
CB4A0MSD



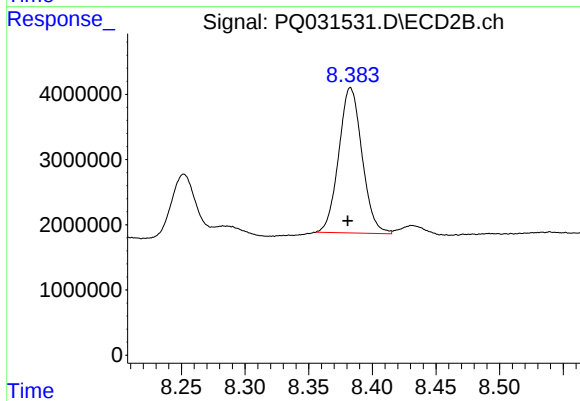
#39 AR-1262-4

R.T.: 7.811 min
Delta R.T.: 0.000 min
Response: 26461836
Conc: 188.06 ng/ml



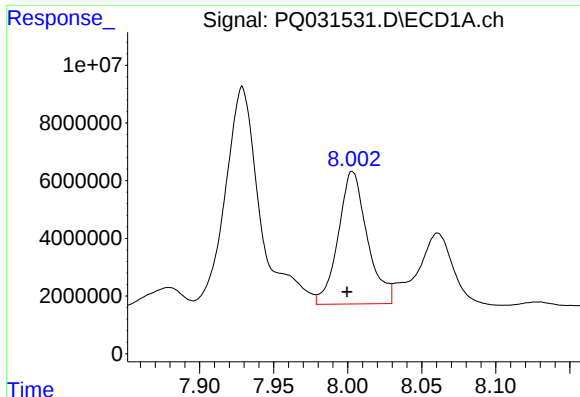
#40 AR-1262-5

R.T.: 9.674 min
Delta R.T.: 0.005 min
Response: 28928192
Conc: 224.53 ng/ml



#40 AR-1262-5

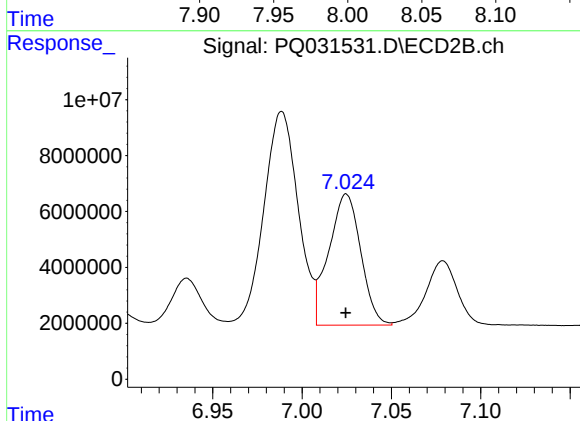
R.T.: 8.383 min
Delta R.T.: 0.002 min
Response: 28384563
Conc: 256.81 ng/ml



#41 AR-1268-1

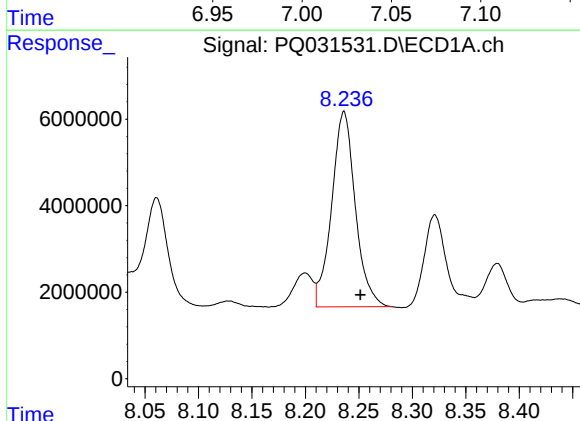
R.T.: 8.003 min
Delta R.T.: 0.004 min
Response: 62893099
Conc: 694.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
CB4A0MSD



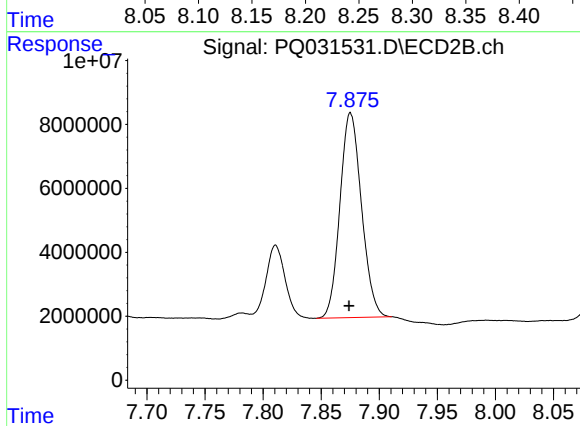
#41 AR-1268-1

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 58543188
Conc: 708.29 ng/ml



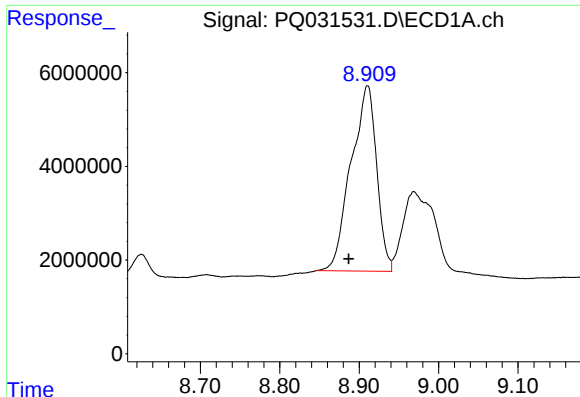
#42 AR-1268-2

R.T.: 8.236 min
Delta R.T.: -0.015 min
Response: 69505002
Conc: 586.38 ng/ml



#42 AR-1268-2

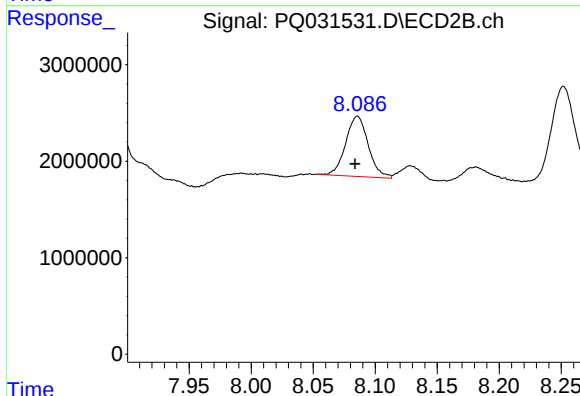
R.T.: 7.875 min
Delta R.T.: 0.001 min
Response: 82709831
Conc: 192.88 ng/ml



#43 AR-1268-3

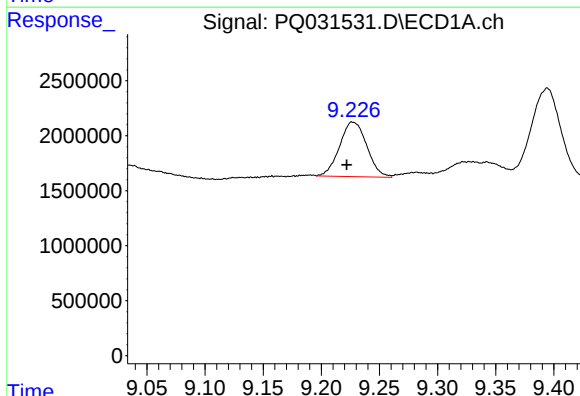
R.T.: 8.911 min
Delta R.T.: 0.024 min
Response: 88973238
Conc: 173.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
CB4A0MSD



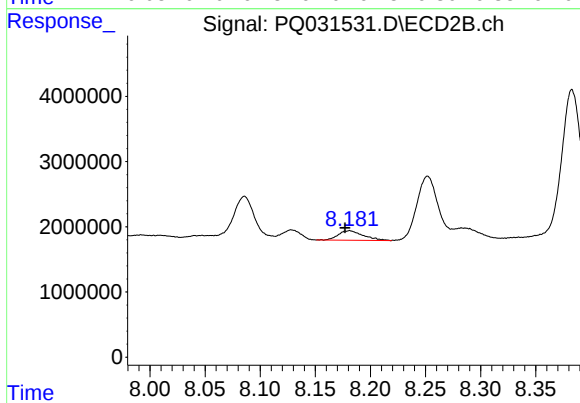
#43 AR-1268-3

R.T.: 8.086 min
Delta R.T.: 0.002 min
Response: 7891866
Conc: 21.97 ng/ml



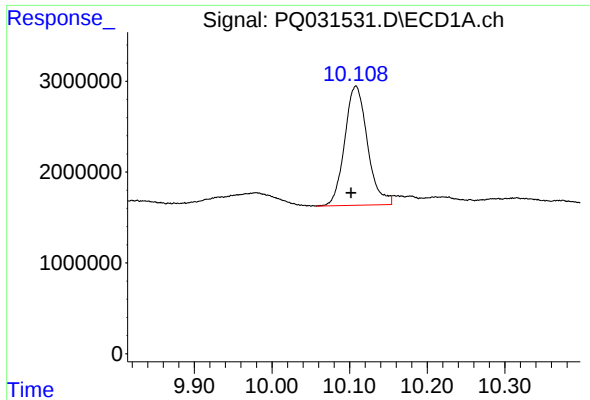
#44 AR-1268-4

R.T.: 9.227 min
Delta R.T.: 0.005 min
Response: 8117702
Conc: 20.58 ng/ml



#44 AR-1268-4

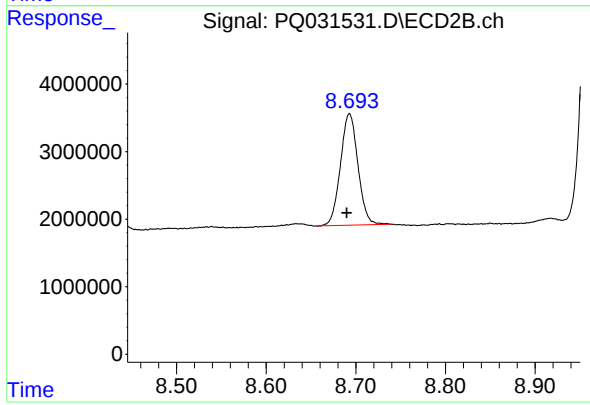
R.T.: 8.181 min
Delta R.T.: 0.004 min
Response: 2300958
Conc: 24.03 ng/ml



#45 AR-1268-5

R.T.: 10.108 min
Delta R.T.: 0.006 min
Response: 26712420
Conc: 22.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
CB4A0MSD



#45 AR-1268-5

R.T.: 8.693 min
Delta R.T.: 0.003 min
Response: 22427719
Conc: 20.85 ng/ml