

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ011521\
 Data File : PQ051717.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jan 2021 18:11
 Operator : DD\AJ
 Sample : PB134121BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 14 11:03:13 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122120CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 22 06:18:29 2020
 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...	5.235	4.255	510.6E6	145.9E6	19.803	19.981
2)	SA Decachlor...	11.428	9.603	658.8E6	213.3E6	35.931	35.072
Target Compounds							
3)	L1 AR-1016-1	6.558	5.514	82297782	25213212	97.404	98.353
4)	L1 AR-1016-2	6.582	5.534	126.3E6	33920175	101.959	94.754
5)	L1 AR-1016-3	6.649	5.727	75517239	18006944	103.191	97.824
6)	L1 AR-1016-4	6.757	5.777	62073315	14220875	100.991	98.547
7)	L1 AR-1016-5	7.071	6.007	58724247	17960004	98.697	94.394
8)	L2 AR-1221-1	5.486	4.509	12690051	2459872	47.809	31.914 #
9)	L2 AR-1221-2	5.586	4.612	14748786	4414476	80.749	82.546
10)	L2 AR-1221-3	5.671	4.701	43625734	12082995	70.681	65.963
11)	L3 AR-1232-1	5.671	4.701	43625734	12082995	94.771	88.389
12)	L3 AR-1232-2	6.263	5.534	60647425	33920175	245.732	241.197
13)	L3 AR-1232-3	6.582	5.727	126.3E6	18006944	249.566	251.634
14)	L3 AR-1232-4	6.757	5.822	62073315	17275113	248.557	280.997
15)	L3 AR-1232-5	6.851	6.007	52293237	17960004	294.758	279.971
16)	L4 AR-1242-1	6.558	5.514	82297782	25213212	117.122	119.920
17)	L4 AR-1242-2	6.582	5.534	126.3E6	33920175	122.561	116.241
18)	L4 AR-1242-3	6.649	5.727	75517239	18006944	122.820	119.342
19)	L4 AR-1242-4	6.757	5.822	62073315	17275113	120.777	119.331
20)	L4 AR-1242-5	7.539	6.388	9079971	14424458	16.470	75.491 #
21)	L5 AR-1248-1	6.558	5.514	82297782	25213212	145.473	150.037
22)	L5 AR-1248-2	6.851	5.777	52293237	14220875	65.001	62.791
23)	L5 AR-1248-3	7.071	5.822	58724247	17275113	63.344	73.464
24)	L5 AR-1248-4	7.498	6.007	8608758	17960004	8.113	65.335 #
25)	L5 AR-1248-5	7.539	6.430	9079971	2321683	8.751	8.046
26)	L6 AR-1254-1	7.469	6.388	46897842	14424458	47.687	33.989 #
27)	L6 AR-1254-2	7.695	6.545	48425657	14293799	31.802	38.941
28)	L6 AR-1254-3	8.080	6.985	26431347	24568220	15.997	40.261 #
29)	L6 AR-1254-4	8.373	7.205	16984187	2354929	14.284	6.235 #
30)	L6 AR-1254-5	8.802	7.635	173.1E6	49428051	137.142	94.109 #
31)	L7 AR-1260-1	8.245	7.104	106.6E6	35254061	102.874	99.381
32)	L7 AR-1260-2	8.508	7.299	127.1E6	42775097	102.764	96.686
33)	L7 AR-1260-3	8.875	7.456	79218169	39531240	87.235	95.398
34)	L7 AR-1260-4	9.118	7.940	95274022	27528397	89.365	79.379
35)	L7 AR-1260-5	9.465	8.185	176.2E6	66630399	79.140	77.170
36)	L8 AR-1262-1	8.875	7.635	79218169	49428051	52.209	172.408 #
37)	L8 AR-1262-2	9.465	8.185	176.2E6	66630399	62.811	65.351
38)	L8 AR-1262-3	9.824	8.473	110.7E6	12670267	92.253	33.672 #
39)	L8 AR-1262-4	9.880	8.535	57928934	46797278	82.227	63.819
40)	L8 AR-1262-5	10.614	9.040	39968616	15074000	41.989	45.791
41)	L9 AR-1268-1	9.824	8.473	110.7E6	12670267	33.551	10.910 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ011521\
 Data File : PQ051717.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jan 2021 18:11
 Operator : DD\AJ
 Sample : PB134121BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

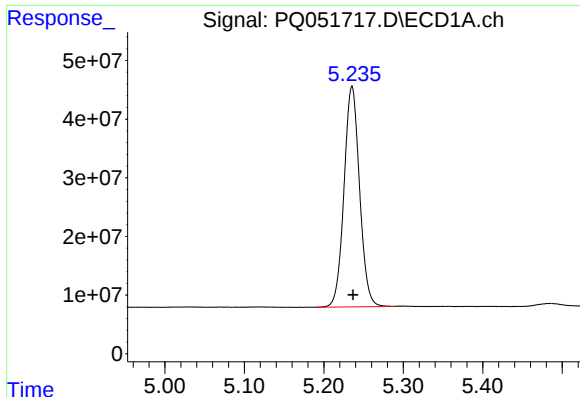
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 14 11:03:13 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122120CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 22 06:18:29 2020
 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	9.880	8.535	57928934	46797278	19.294	43.979 #
43) L9	AR-1268-3	10.145	8.748	3928825	1745780	1.536	1.959 #
44) L9	AR-1268-4	10.614	9.040	39968616	15074000	36.800	40.865
45) L9	AR-1268-5	11.063	9.340	15595459	5260436	1.865	1.889

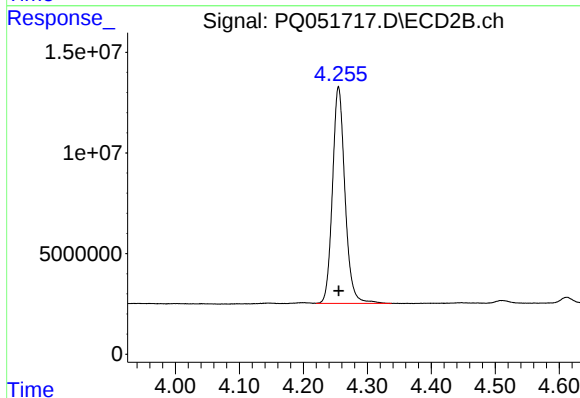
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

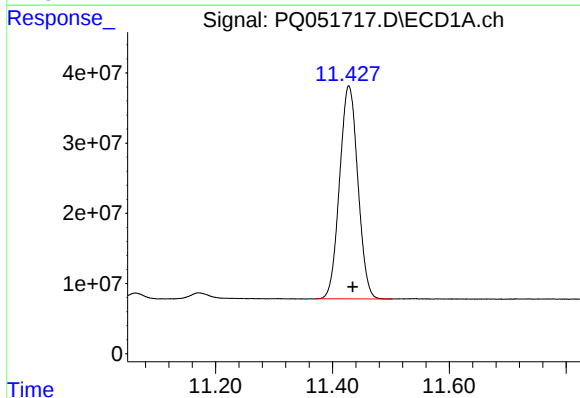
R.T.: 5.235 min
Delta R.T.: -0.002 min
Response: 510638755
Conc: 19.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



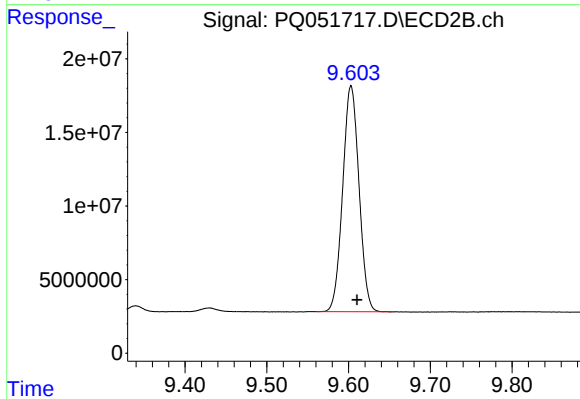
#1 Tetrachloro-m-xylene

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 145919305
Conc: 19.98 ng/ml



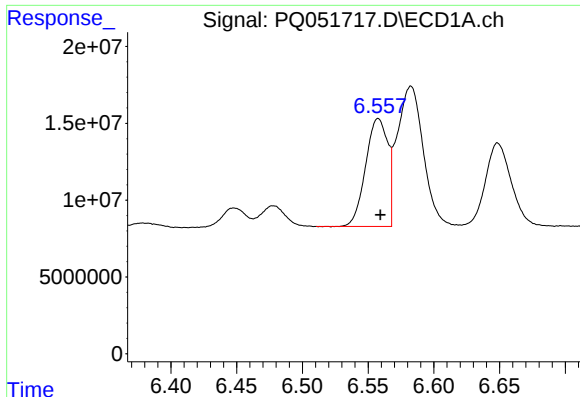
#2 Decachlorobiphenyl

R.T.: 11.428 min
Delta R.T.: -0.006 min
Response: 658776787
Conc: 35.93 ng/ml



#2 Decachlorobiphenyl

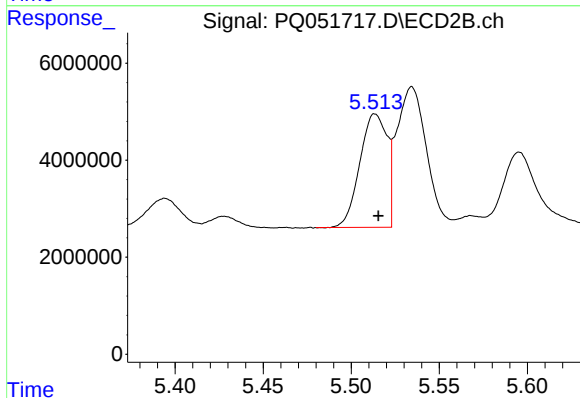
R.T.: 9.603 min
Delta R.T.: -0.007 min
Response: 213299605
Conc: 35.07 ng/ml



#3 AR-1016-1

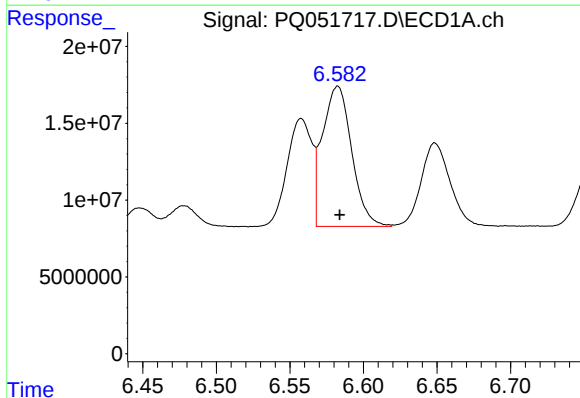
R.T.: 6.558 min
Delta R.T.: -0.001 min
Response: 82297782
Conc: 97.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



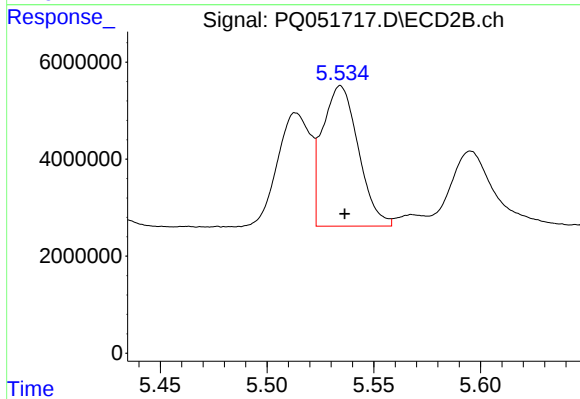
#3 AR-1016-1

R.T.: 5.514 min
Delta R.T.: -0.002 min
Response: 25213212
Conc: 98.35 ng/ml



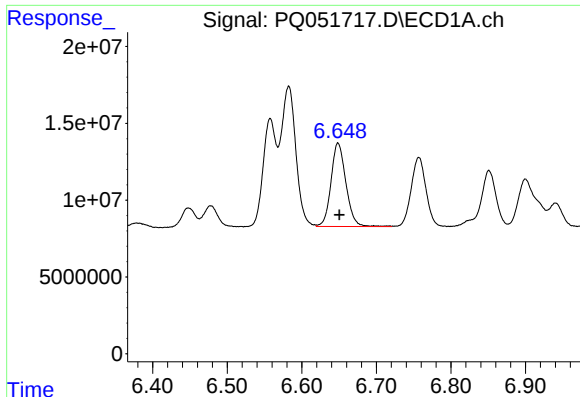
#4 AR-1016-2

R.T.: 6.582 min
Delta R.T.: -0.002 min
Response: 126293994
Conc: 101.96 ng/ml



#4 AR-1016-2

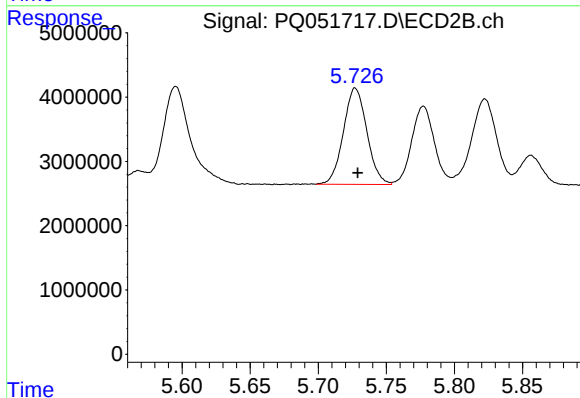
R.T.: 5.534 min
Delta R.T.: -0.002 min
Response: 33920175
Conc: 94.75 ng/ml



#5 AR-1016-3

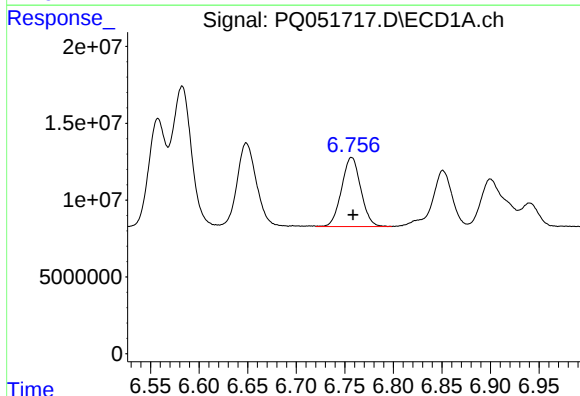
R.T.: 6.649 min
Delta R.T.: -0.002 min
Response: 75517239
Conc: 103.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



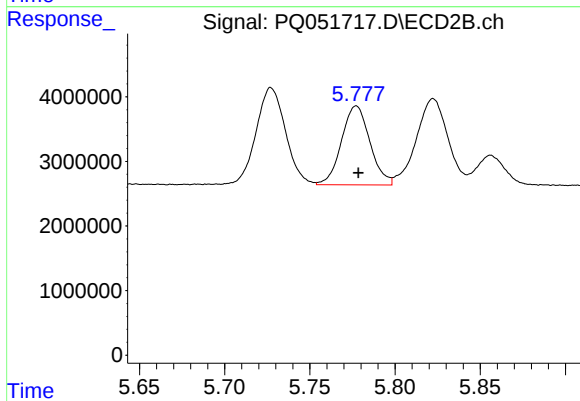
#5 AR-1016-3

R.T.: 5.727 min
Delta R.T.: -0.002 min
Response: 18006944
Conc: 97.82 ng/ml



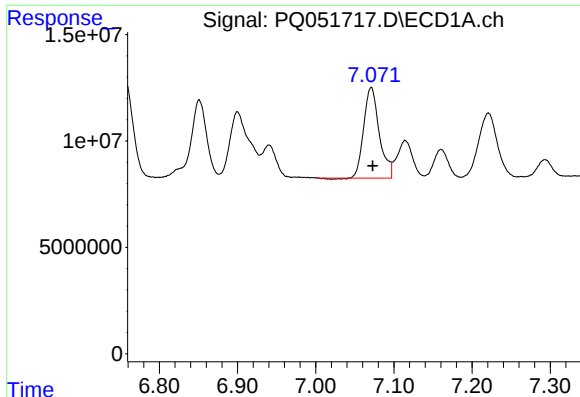
#6 AR-1016-4

R.T.: 6.757 min
Delta R.T.: -0.002 min
Response: 62073315
Conc: 100.99 ng/ml



#6 AR-1016-4

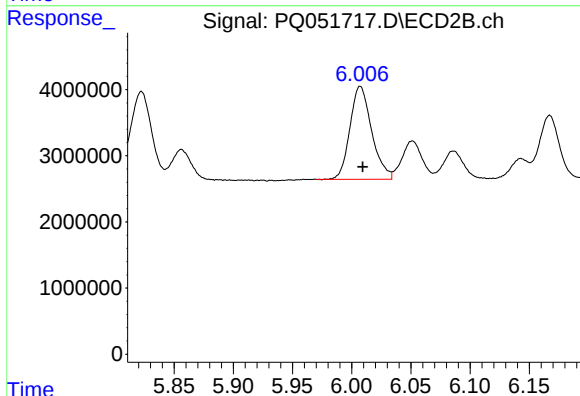
R.T.: 5.777 min
Delta R.T.: -0.001 min
Response: 14220875
Conc: 98.55 ng/ml



#7 AR-1016-5

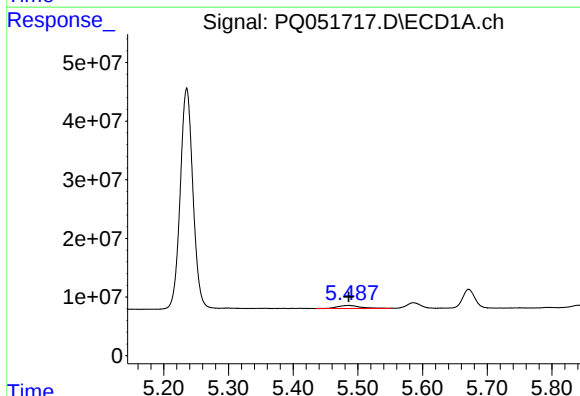
R.T.: 7.071 min
Delta R.T.: -0.002 min
Response: 58724247
Conc: 98.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



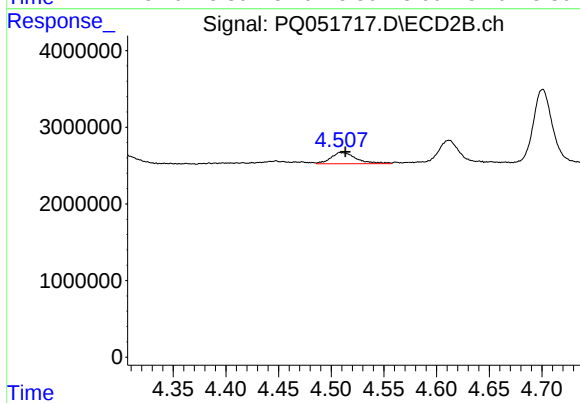
#7 AR-1016-5

R.T.: 6.007 min
Delta R.T.: -0.002 min
Response: 17960004
Conc: 94.39 ng/ml



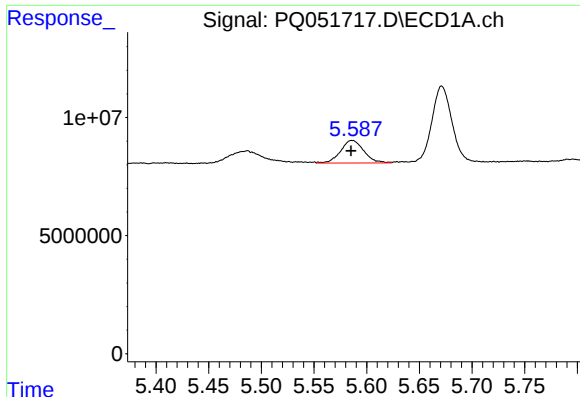
#8 AR-1221-1

R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 12690051
Conc: 47.81 ng/ml



#8 AR-1221-1

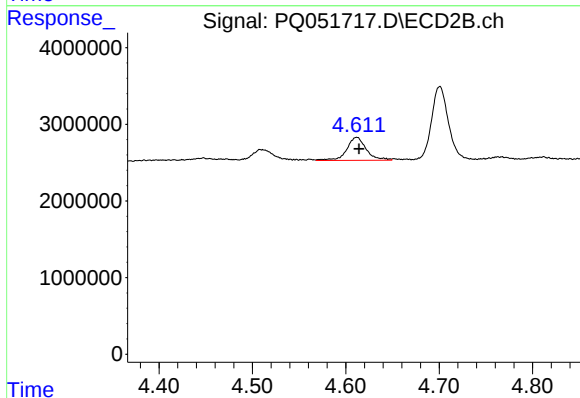
R.T.: 4.509 min
Delta R.T.: -0.005 min
Response: 2459872
Conc: 31.91 ng/ml



#9 AR-1221-2

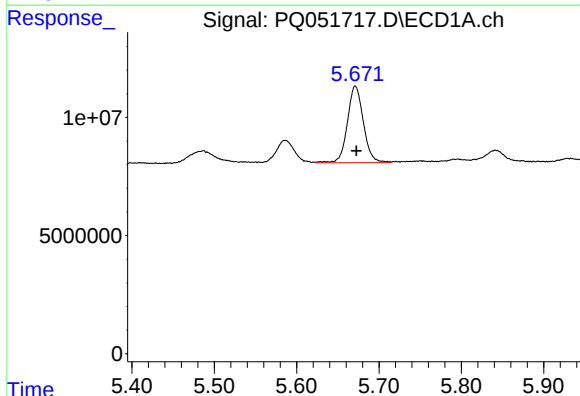
R.T.: 5.586 min
Delta R.T.: 0.001 min
Response: 14748786
Conc: 80.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



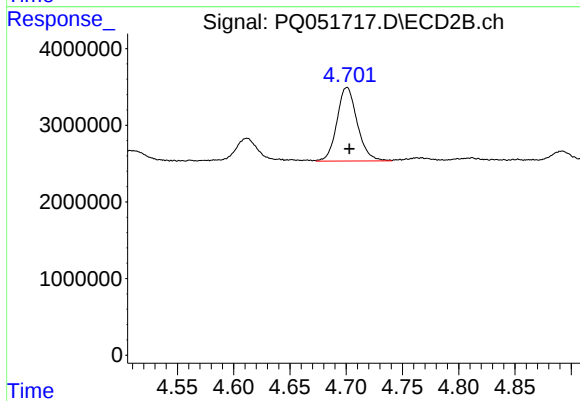
#9 AR-1221-2

R.T.: 4.612 min
Delta R.T.: -0.002 min
Response: 4414476
Conc: 82.55 ng/ml



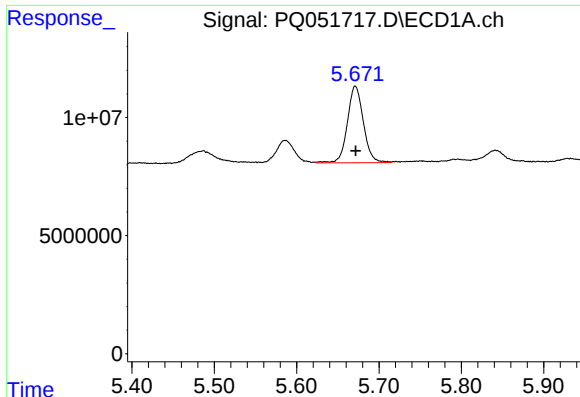
#10 AR-1221-3

R.T.: 5.671 min
Delta R.T.: -0.001 min
Response: 43625734
Conc: 70.68 ng/ml



#10 AR-1221-3

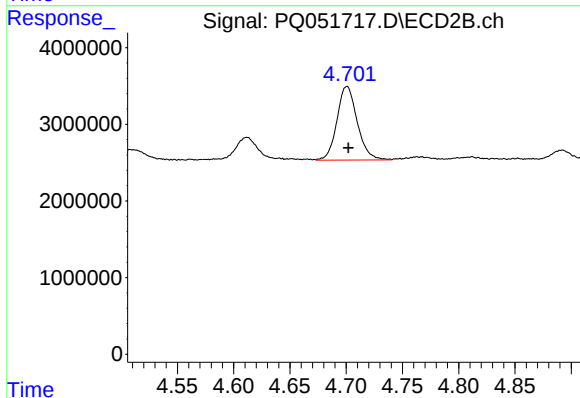
R.T.: 4.701 min
Delta R.T.: -0.002 min
Response: 12082995
Conc: 65.96 ng/ml



#11 AR-1232-1

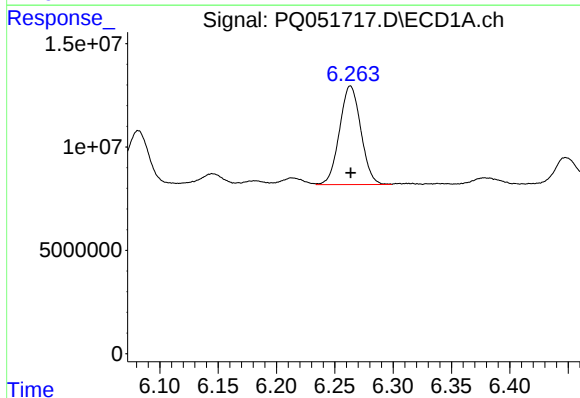
R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 43625734
Conc: 94.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



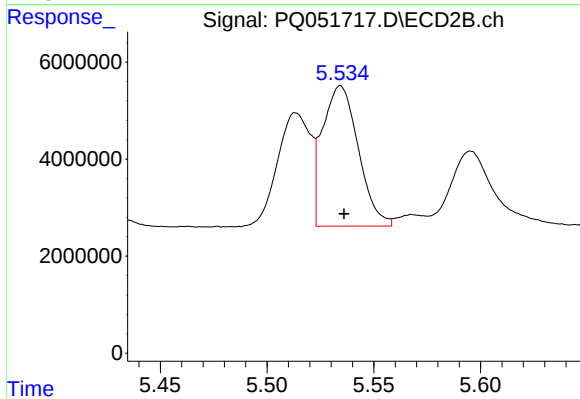
#11 AR-1232-1

R.T.: 4.701 min
Delta R.T.: -0.001 min
Response: 12082995
Conc: 88.39 ng/ml



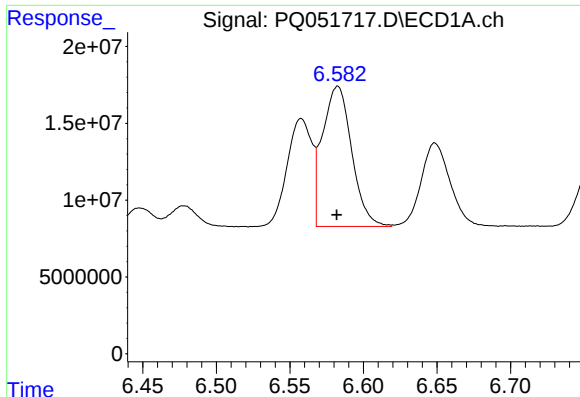
#12 AR-1232-2

R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 60647425
Conc: 245.73 ng/ml



#12 AR-1232-2

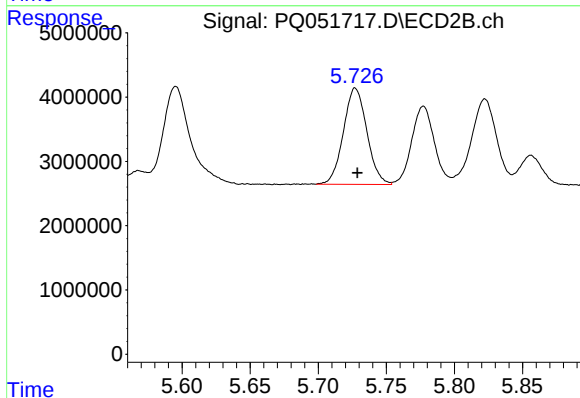
R.T.: 5.534 min
Delta R.T.: -0.002 min
Response: 33920175
Conc: 241.20 ng/ml



#13 AR-1232-3

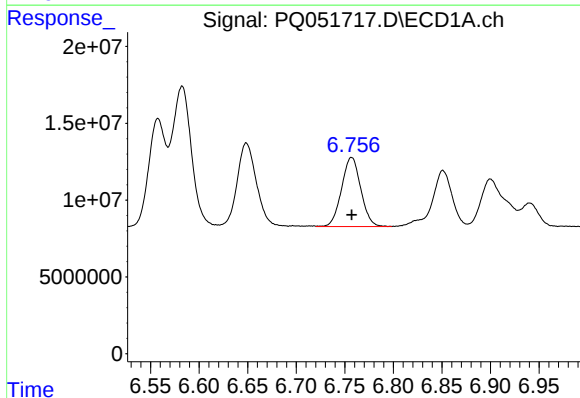
R.T.: 6.582 min
Delta R.T.: 0.000 min
Response: 126293994
Conc: 249.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



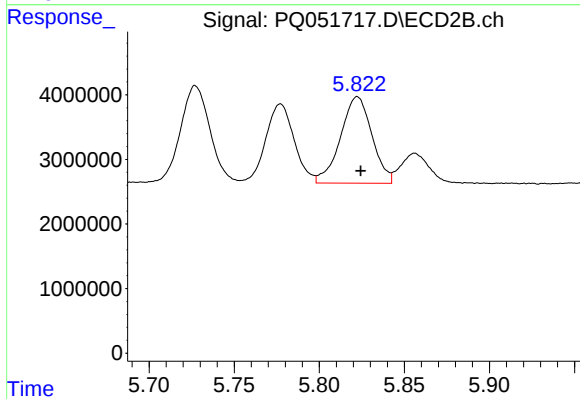
#13 AR-1232-3

R.T.: 5.727 min
Delta R.T.: -0.001 min
Response: 18006944
Conc: 251.63 ng/ml



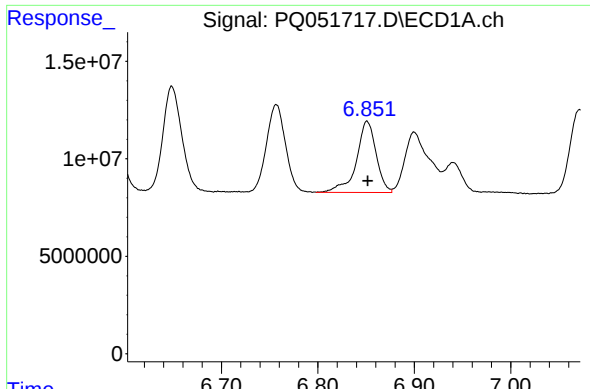
#14 AR-1232-4

R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 62073315
Conc: 248.56 ng/ml



#14 AR-1232-4

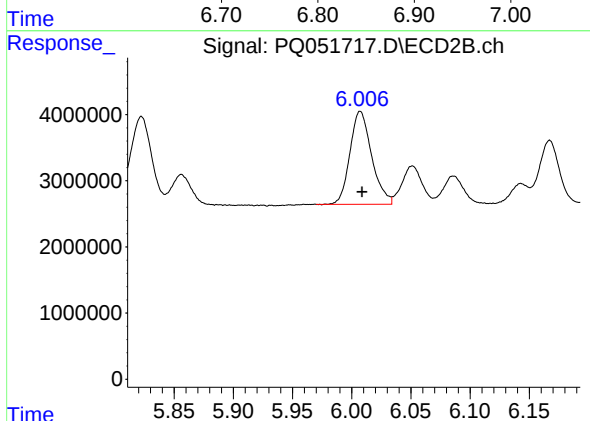
R.T.: 5.822 min
Delta R.T.: -0.002 min
Response: 17275113
Conc: 281.00 ng/ml



#15 AR-1232-5

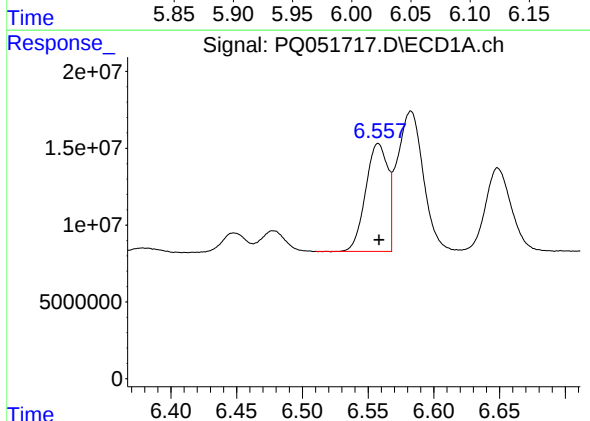
R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 52293237
Conc: 294.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



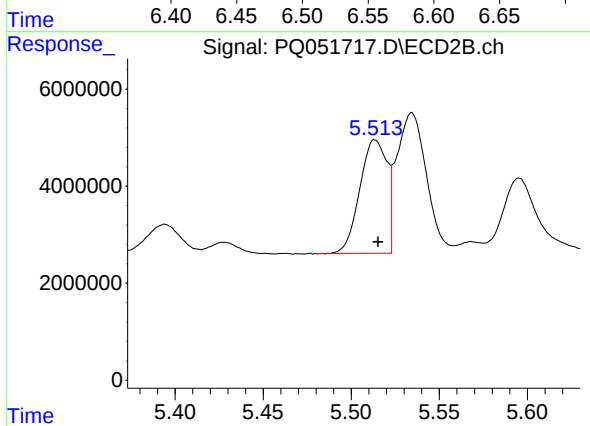
#15 AR-1232-5

R.T.: 6.007 min
Delta R.T.: -0.002 min
Response: 17960004
Conc: 279.97 ng/ml



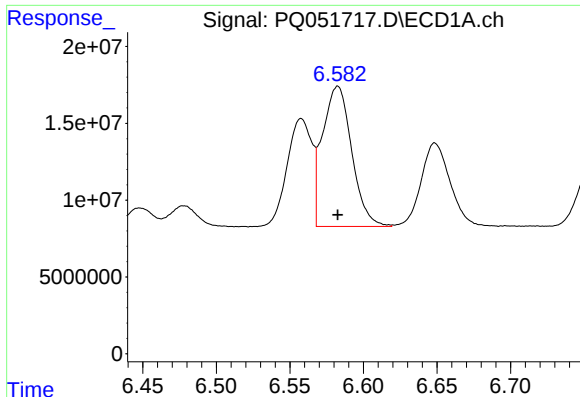
#16 AR-1242-1

R.T.: 6.558 min
Delta R.T.: 0.000 min
Response: 82297782
Conc: 117.12 ng/ml



#16 AR-1242-1

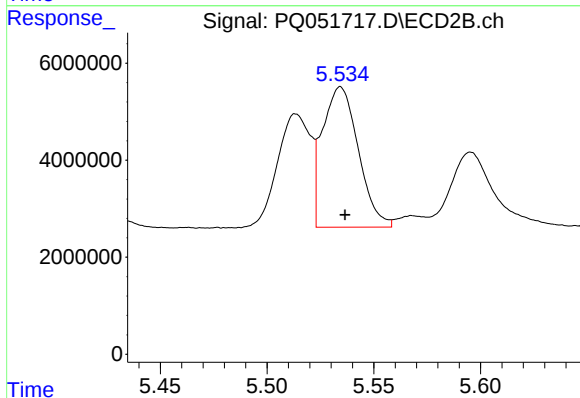
R.T.: 5.514 min
Delta R.T.: -0.002 min
Response: 25213212
Conc: 119.92 ng/ml



#17 AR-1242-2

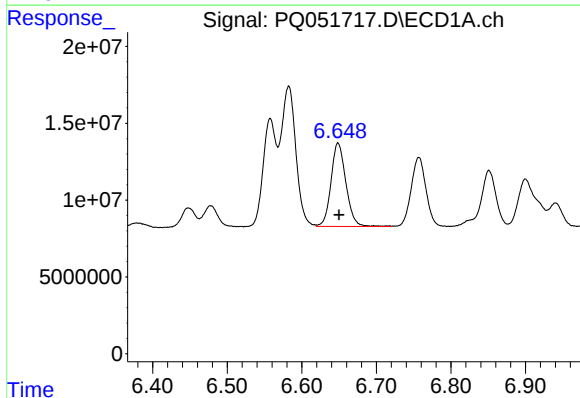
R.T.: 6.582 min
Delta R.T.: 0.000 min
Response: 126293994
Conc: 122.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



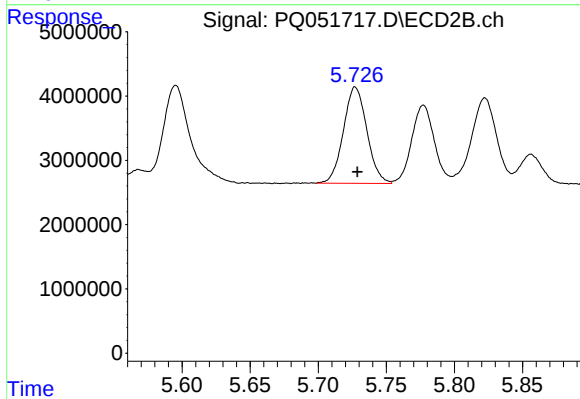
#17 AR-1242-2

R.T.: 5.534 min
Delta R.T.: -0.002 min
Response: 33920175
Conc: 116.24 ng/ml



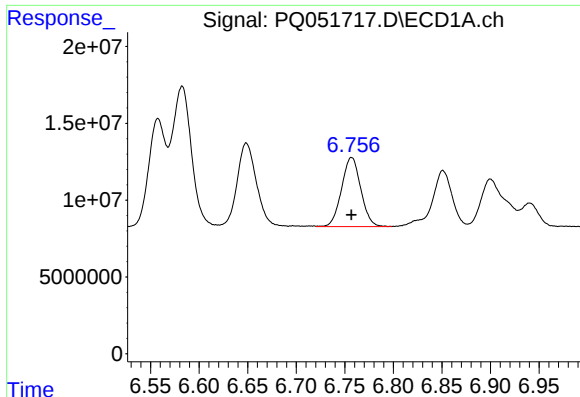
#18 AR-1242-3

R.T.: 6.649 min
Delta R.T.: -0.001 min
Response: 75517239
Conc: 122.82 ng/ml



#18 AR-1242-3

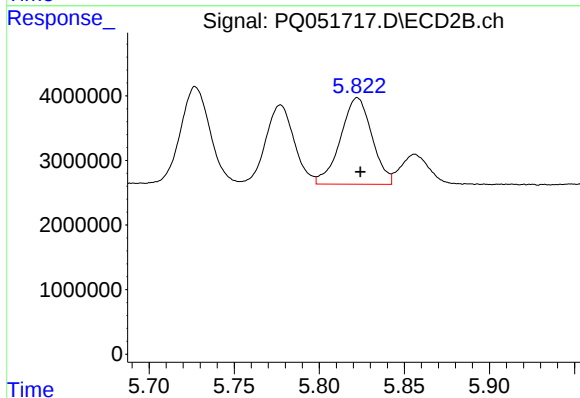
R.T.: 5.727 min
Delta R.T.: -0.001 min
Response: 18006944
Conc: 119.34 ng/ml



#19 AR-1242-4

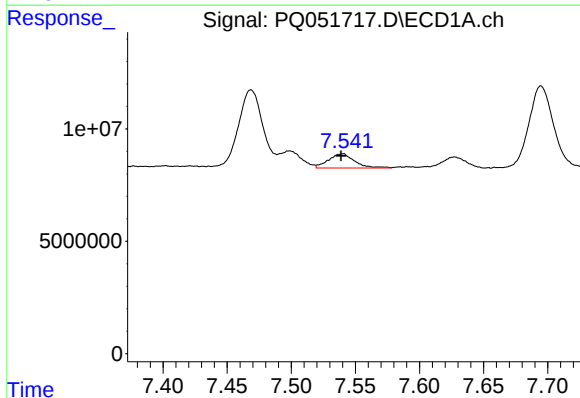
R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 62073315
Conc: 120.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



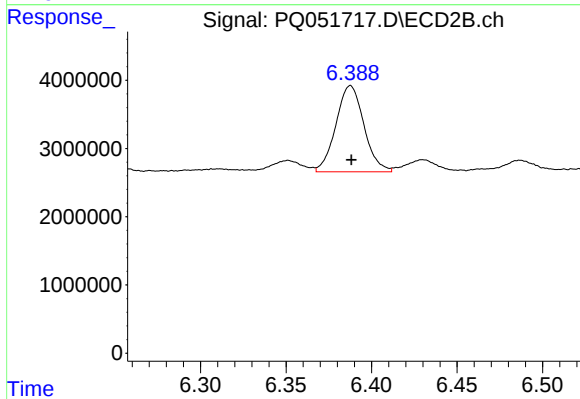
#19 AR-1242-4

R.T.: 5.822 min
Delta R.T.: -0.002 min
Response: 17275113
Conc: 119.33 ng/ml



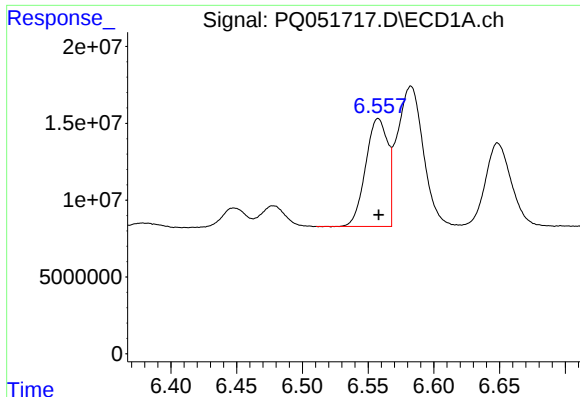
#20 AR-1242-5

R.T.: 7.539 min
Delta R.T.: 0.000 min
Response: 9079971
Conc: 16.47 ng/ml



#20 AR-1242-5

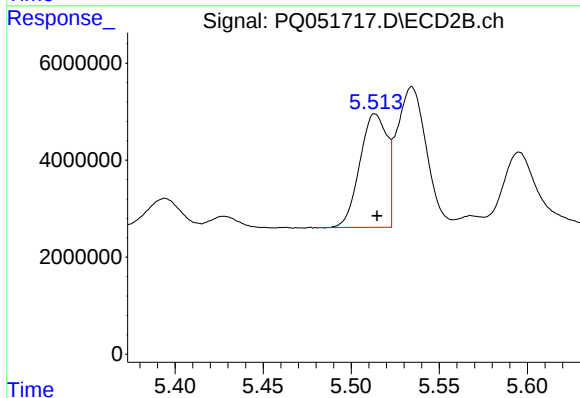
R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 14424458
Conc: 75.49 ng/ml



#21 AR-1248-1

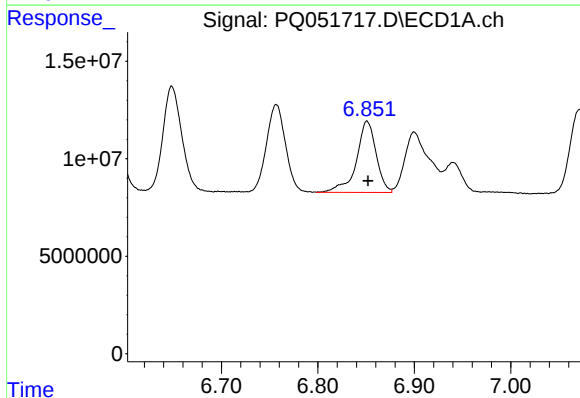
R.T.: 6.558 min
Delta R.T.: 0.000 min
Response: 82297782
Conc: 145.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



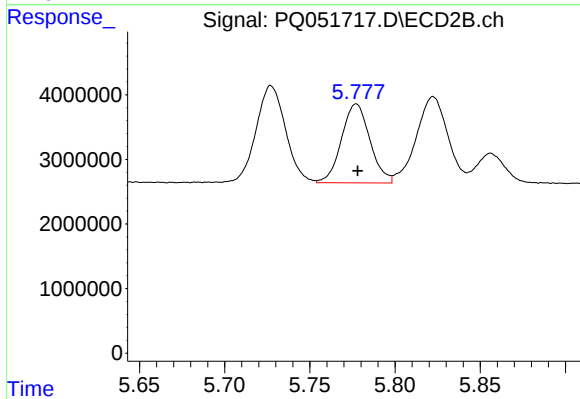
#21 AR-1248-1

R.T.: 5.514 min
Delta R.T.: 0.000 min
Response: 25213212
Conc: 150.04 ng/ml



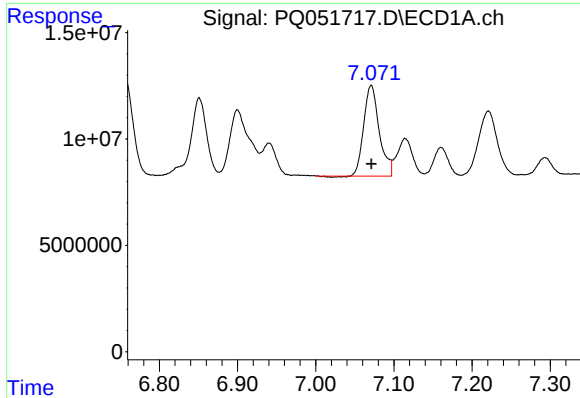
#22 AR-1248-2

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 52293237
Conc: 65.00 ng/ml



#22 AR-1248-2

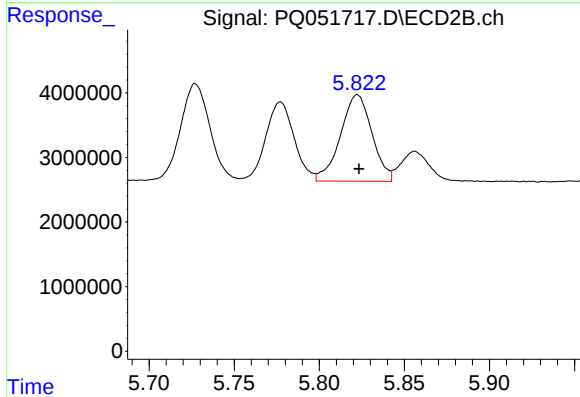
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 14220875
Conc: 62.79 ng/ml



#23 AR-1248-3

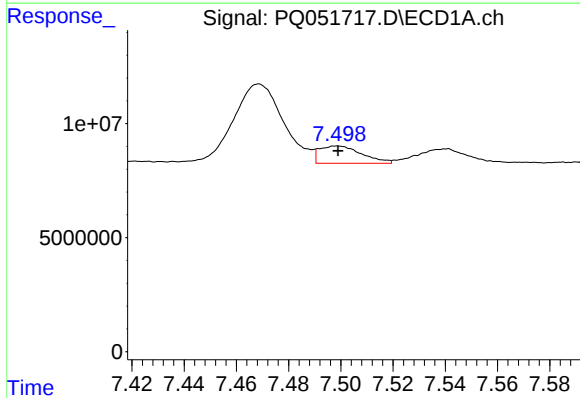
R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 58724247
Conc: 63.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



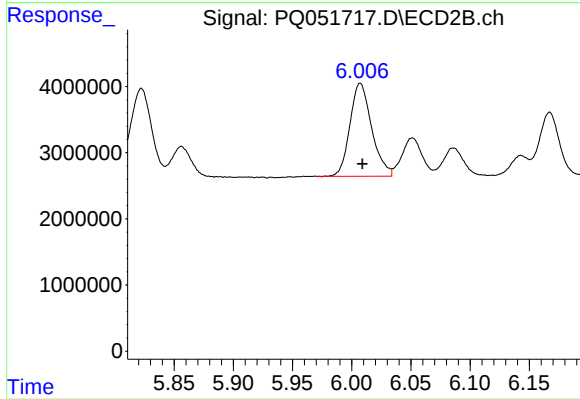
#23 AR-1248-3

R.T.: 5.822 min
Delta R.T.: -0.001 min
Response: 17275113
Conc: 73.46 ng/ml



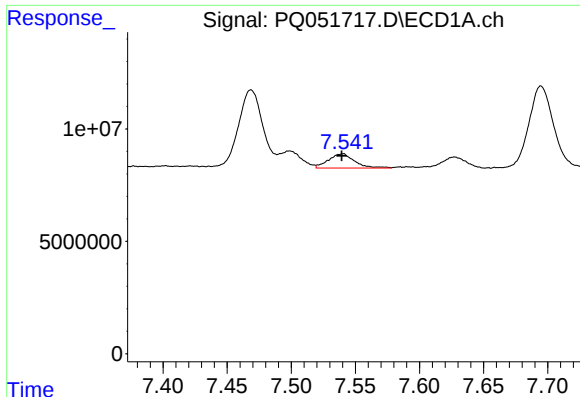
#24 AR-1248-4

R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 8608758
Conc: 8.11 ng/ml



#24 AR-1248-4

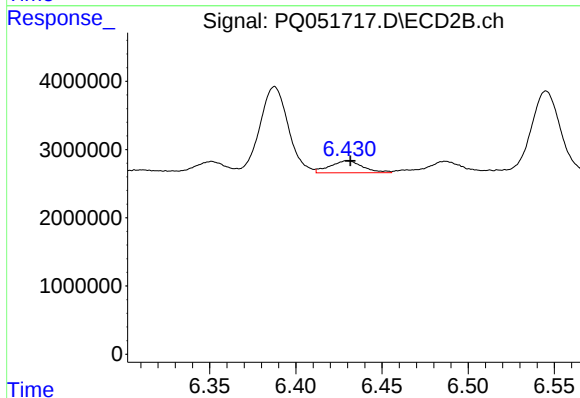
R.T.: 6.007 min
Delta R.T.: -0.002 min
Response: 17960004
Conc: 65.33 ng/ml



#25 AR-1248-5

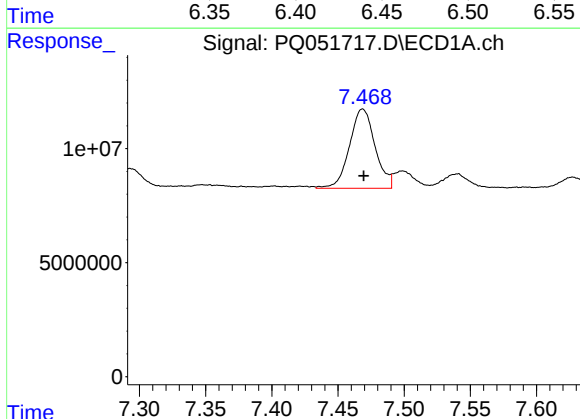
R.T.: 7.539 min
Delta R.T.: 0.000 min
Response: 9079971
Conc: 8.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



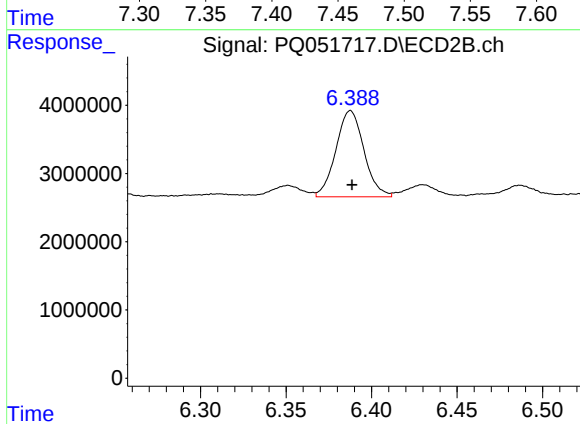
#25 AR-1248-5

R.T.: 6.430 min
Delta R.T.: -0.002 min
Response: 2321683
Conc: 8.05 ng/ml



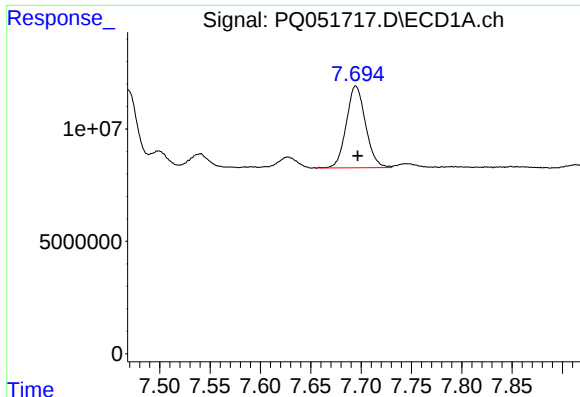
#26 AR-1254-1

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 46897842
Conc: 47.69 ng/ml



#26 AR-1254-1

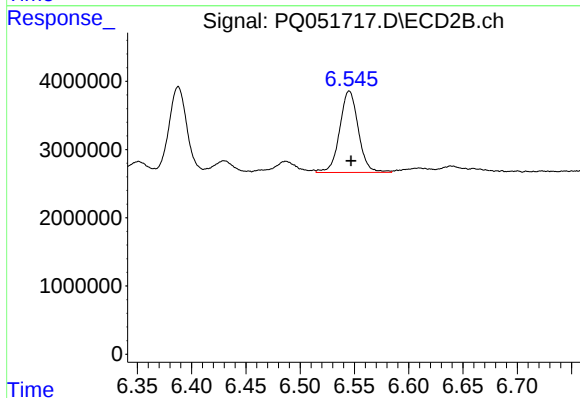
R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 14424458
Conc: 33.99 ng/ml



#27 AR-1254-2

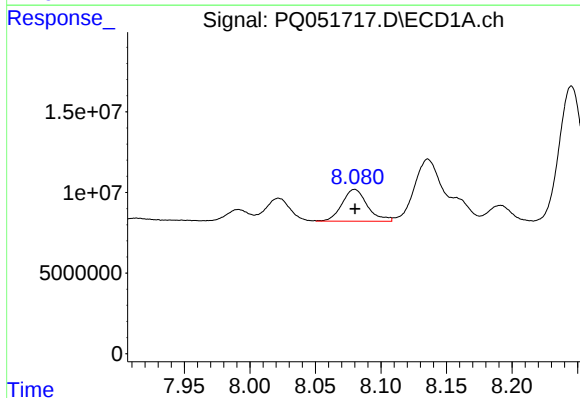
R.T.: 7.695 min
Delta R.T.: -0.002 min
Response: 48425657
Conc: 31.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



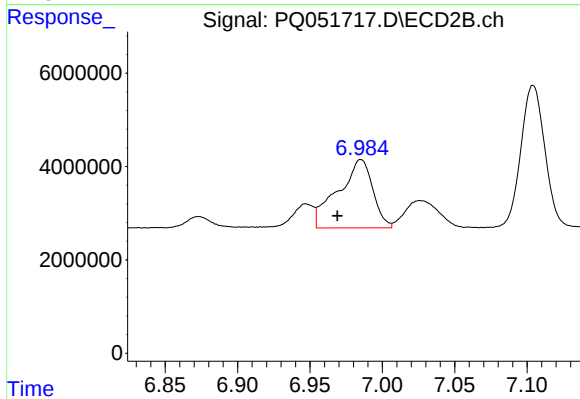
#27 AR-1254-2

R.T.: 6.545 min
Delta R.T.: -0.002 min
Response: 14293799
Conc: 38.94 ng/ml



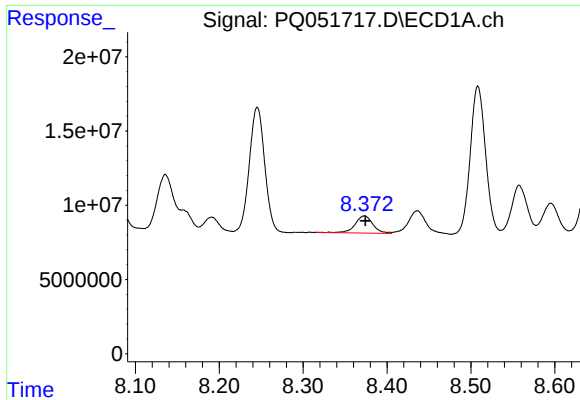
#28 AR-1254-3

R.T.: 8.080 min
Delta R.T.: 0.000 min
Response: 26431347
Conc: 16.00 ng/ml



#28 AR-1254-3

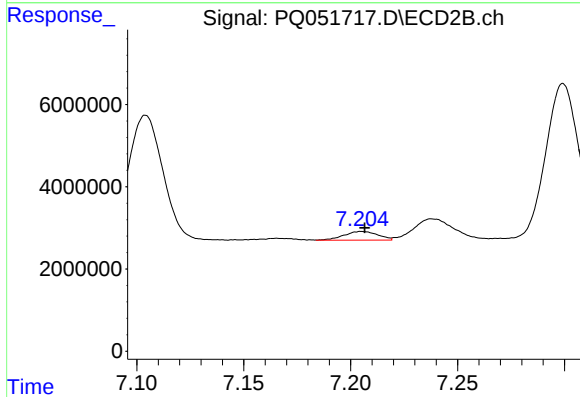
R.T.: 6.985 min
Delta R.T.: 0.016 min
Response: 24568220
Conc: 40.26 ng/ml



#29 AR-1254-4

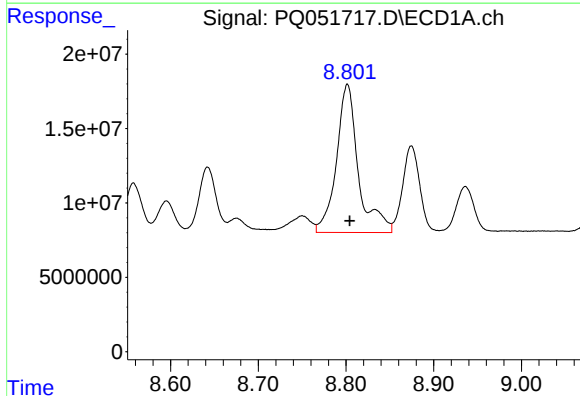
R.T.: 8.373 min
Delta R.T.: -0.002 min
Response: 16984187
Conc: 14.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



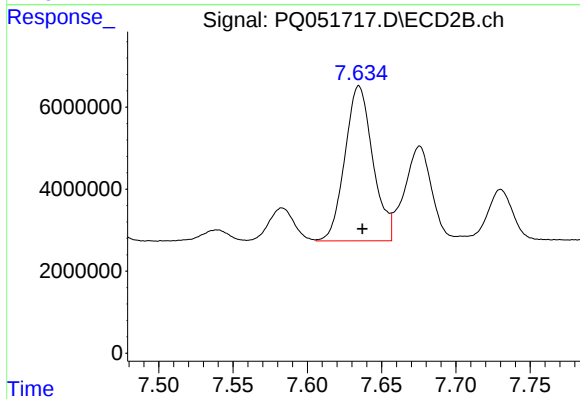
#29 AR-1254-4

R.T.: 7.205 min
Delta R.T.: -0.001 min
Response: 2354929
Conc: 6.24 ng/ml



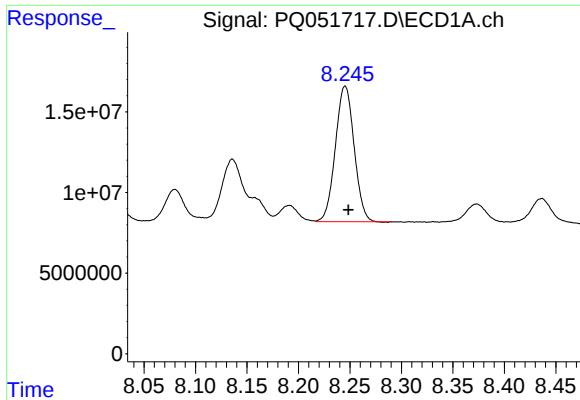
#30 AR-1254-5

R.T.: 8.802 min
Delta R.T.: -0.003 min
Response: 173091152
Conc: 137.14 ng/ml



#30 AR-1254-5

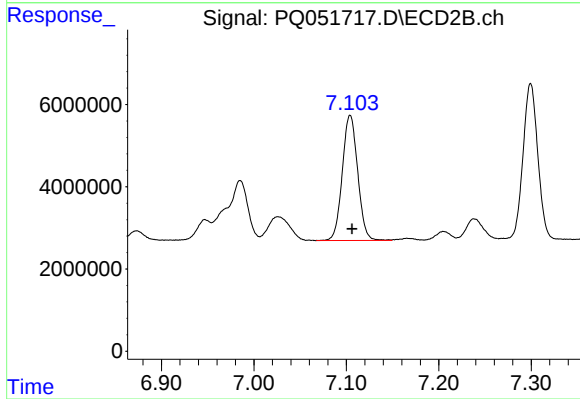
R.T.: 7.635 min
Delta R.T.: -0.002 min
Response: 49428051
Conc: 94.11 ng/ml



#31 AR-1260-1

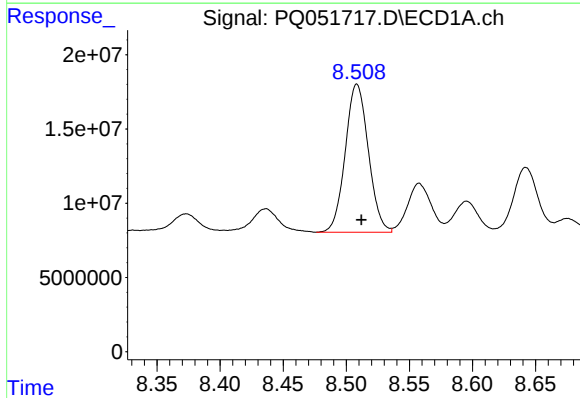
R.T.: 8.245 min
Delta R.T.: -0.003 min
Response: 106551157
Conc: 102.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



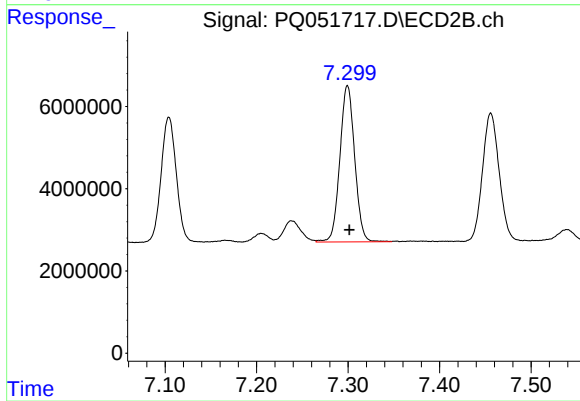
#31 AR-1260-1

R.T.: 7.104 min
Delta R.T.: -0.002 min
Response: 35254061
Conc: 99.38 ng/ml



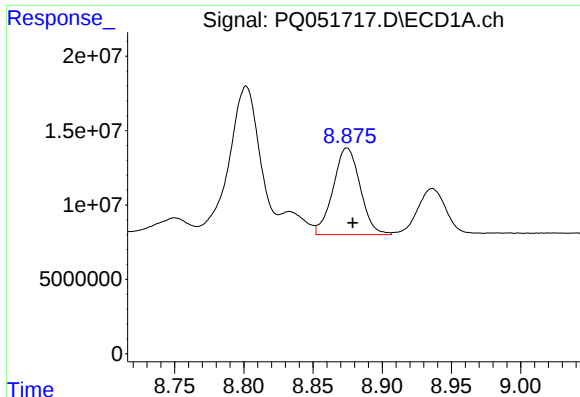
#32 AR-1260-2

R.T.: 8.508 min
Delta R.T.: -0.004 min
Response: 127080782
Conc: 102.76 ng/ml



#32 AR-1260-2

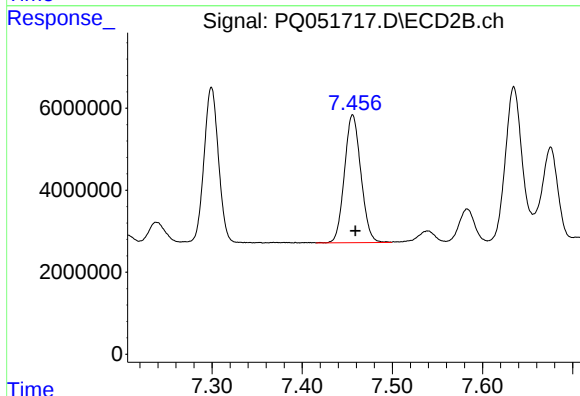
R.T.: 7.299 min
Delta R.T.: -0.002 min
Response: 42775097
Conc: 96.69 ng/ml



#33 AR-1260-3

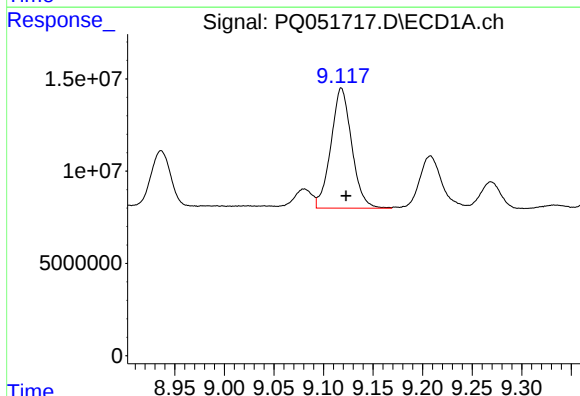
R.T.: 8.875 min
Delta R.T.: -0.004 min
Response: 79218169
Conc: 87.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



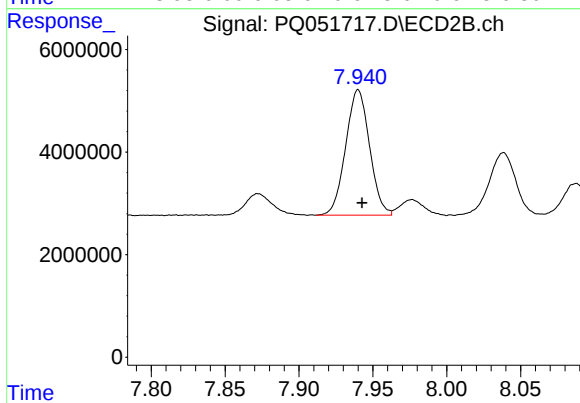
#33 AR-1260-3

R.T.: 7.456 min
Delta R.T.: -0.003 min
Response: 39531240
Conc: 95.40 ng/ml



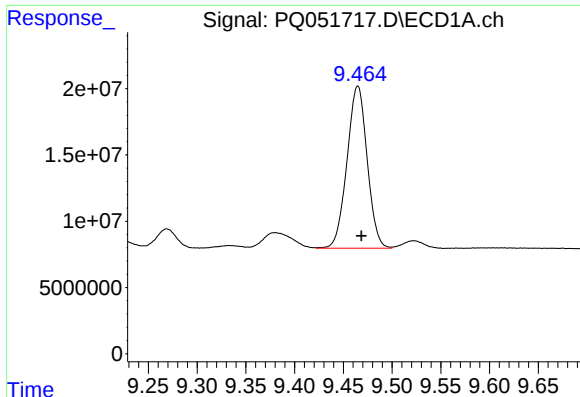
#34 AR-1260-4

R.T.: 9.118 min
Delta R.T.: -0.005 min
Response: 95274022
Conc: 89.36 ng/ml



#34 AR-1260-4

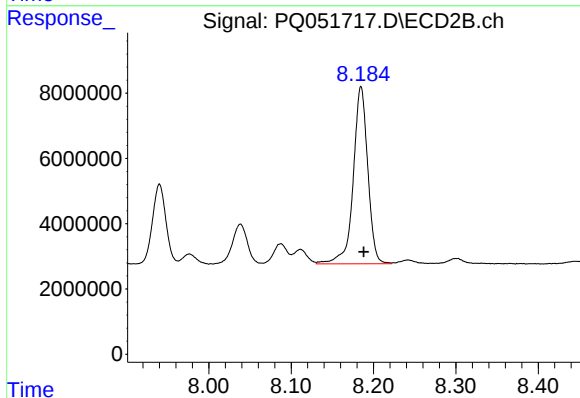
R.T.: 7.940 min
Delta R.T.: -0.003 min
Response: 27528397
Conc: 79.38 ng/ml



#35 AR-1260-5

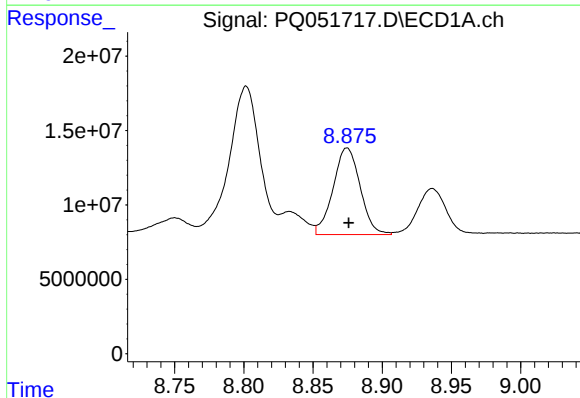
R.T.: 9.465 min
Delta R.T.: -0.004 min
Response: 176231312
Conc: 79.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



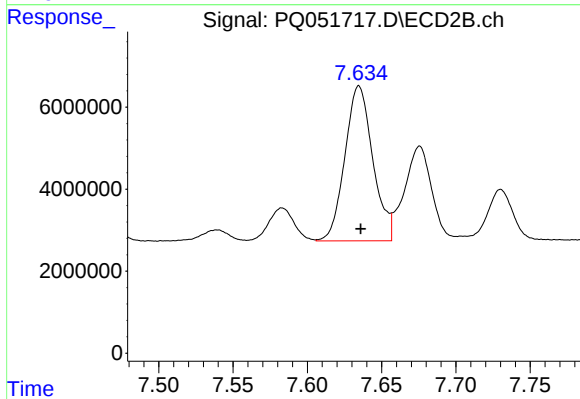
#35 AR-1260-5

R.T.: 8.185 min
Delta R.T.: -0.003 min
Response: 66630399
Conc: 77.17 ng/ml



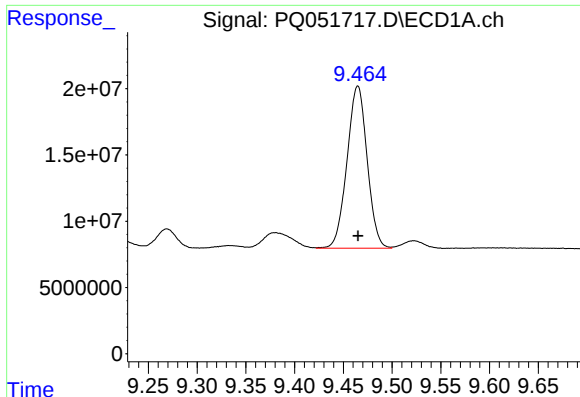
#36 AR-1262-1

R.T.: 8.875 min
Delta R.T.: -0.001 min
Response: 79218169
Conc: 52.21 ng/ml



#36 AR-1262-1

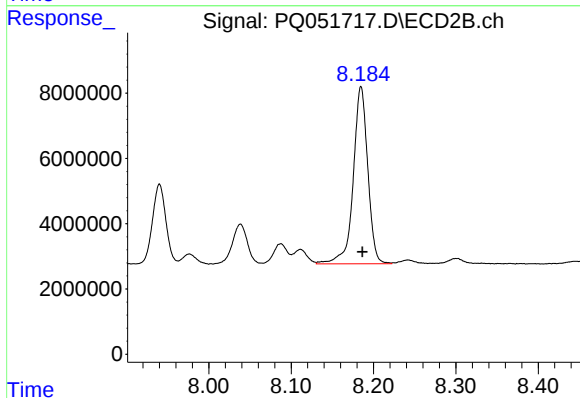
R.T.: 7.635 min
Delta R.T.: -0.001 min
Response: 49428051
Conc: 172.41 ng/ml



#37 AR-1262-2

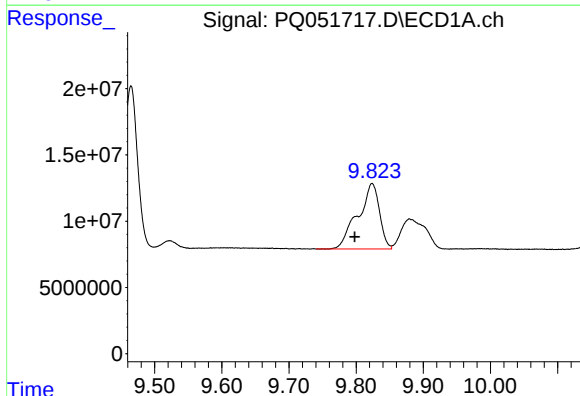
R.T.: 9.465 min
Delta R.T.: 0.000 min
Response: 176231312
Conc: 62.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



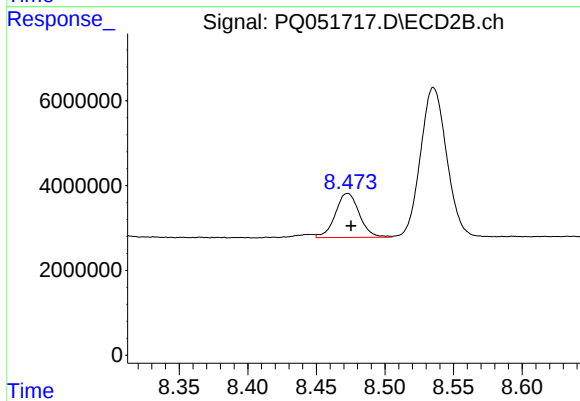
#37 AR-1262-2

R.T.: 8.185 min
Delta R.T.: -0.002 min
Response: 66630399
Conc: 65.35 ng/ml



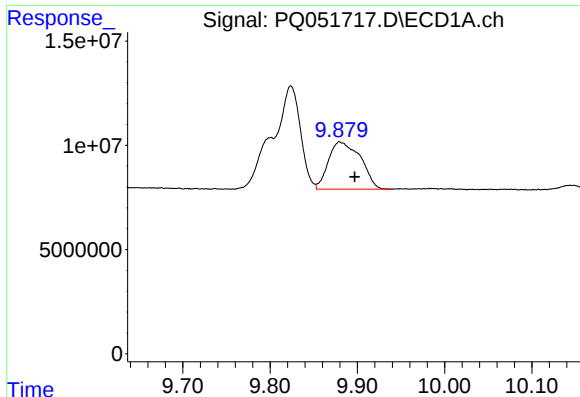
#38 AR-1262-3

R.T.: 9.824 min
Delta R.T.: 0.026 min
Response: 110715546
Conc: 92.25 ng/ml



#38 AR-1262-3

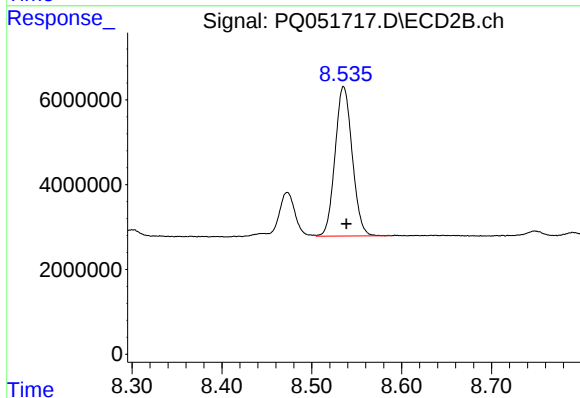
R.T.: 8.473 min
Delta R.T.: -0.003 min
Response: 12670267
Conc: 33.67 ng/ml



#39 AR-1262-4

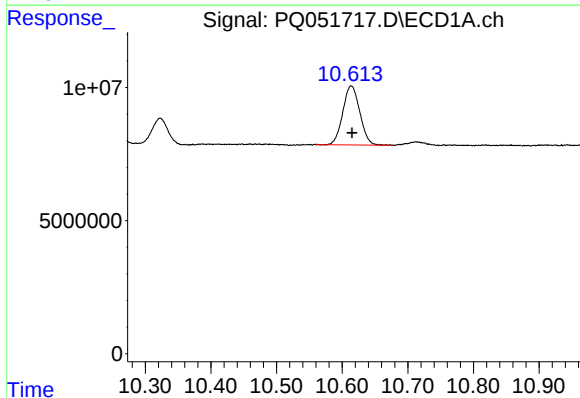
R.T.: 9.880 min
Delta R.T.: -0.017 min
Response: 57928934
Conc: 82.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



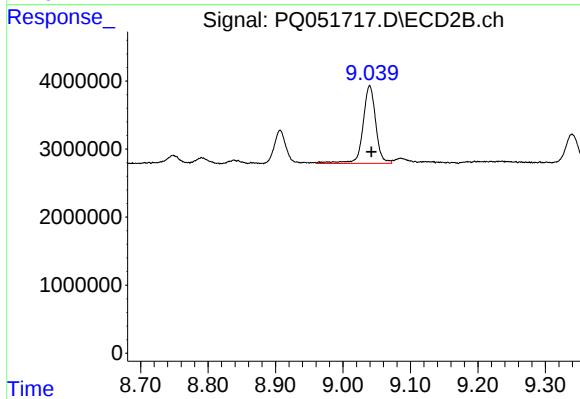
#39 AR-1262-4

R.T.: 8.535 min
Delta R.T.: -0.003 min
Response: 46797278
Conc: 63.82 ng/ml



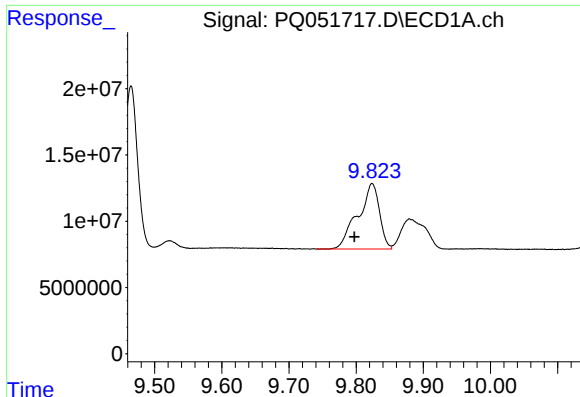
#40 AR-1262-5

R.T.: 10.614 min
Delta R.T.: -0.001 min
Response: 39968616
Conc: 41.99 ng/ml



#40 AR-1262-5

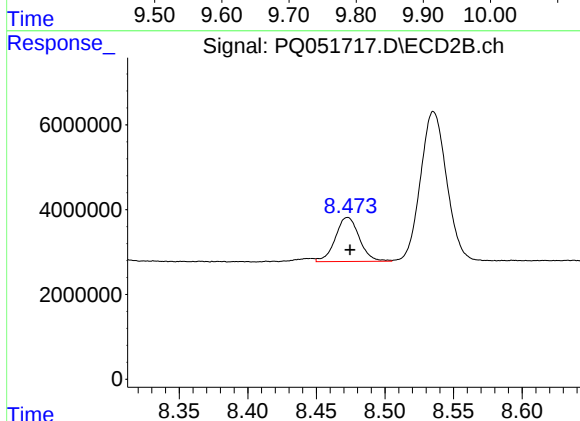
R.T.: 9.040 min
Delta R.T.: -0.002 min
Response: 15074000
Conc: 45.79 ng/ml



#41 AR-1268-1

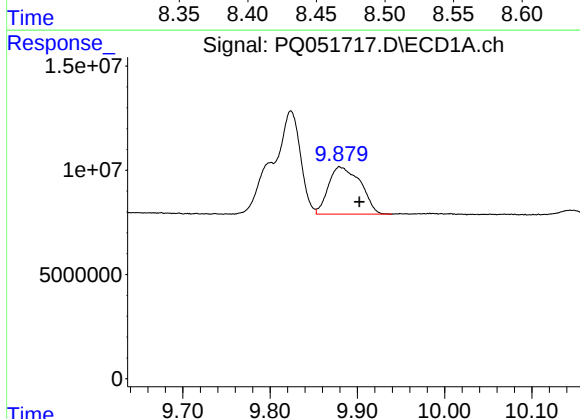
R.T.: 9.824 min
Delta R.T.: 0.026 min
Response: 110715546
Conc: 33.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



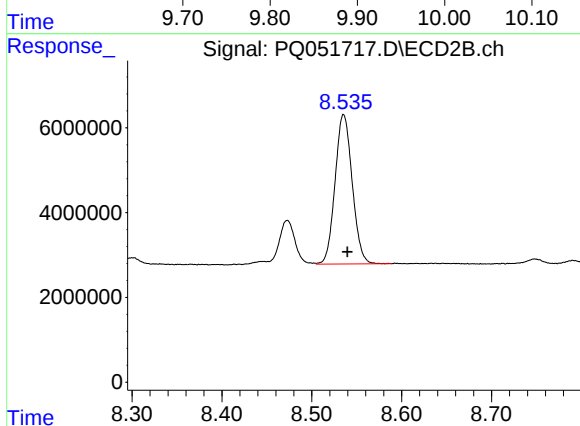
#41 AR-1268-1

R.T.: 8.473 min
Delta R.T.: -0.002 min
Response: 12670267
Conc: 10.91 ng/ml



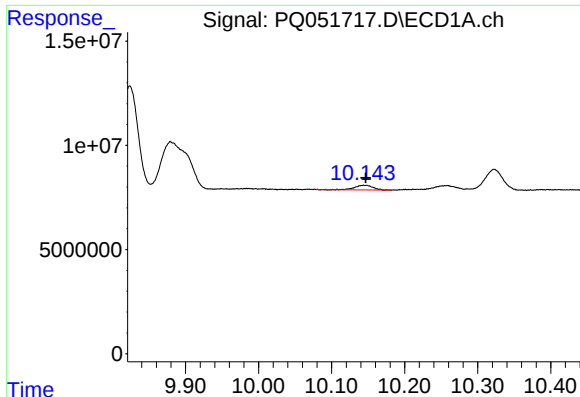
#42 AR-1268-2

R.T.: 9.880 min
Delta R.T.: -0.022 min
Response: 57928934
Conc: 19.29 ng/ml



#42 AR-1268-2

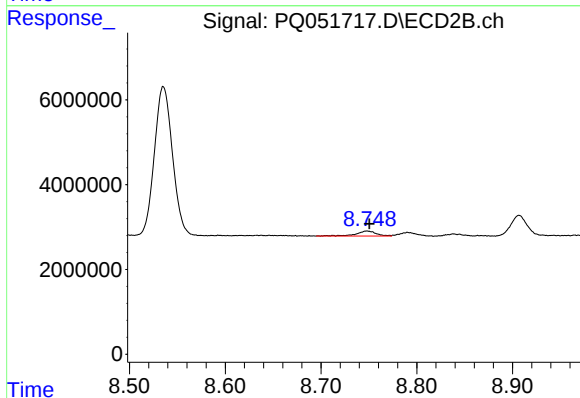
R.T.: 8.535 min
Delta R.T.: -0.004 min
Response: 46797278
Conc: 43.98 ng/ml



#43 AR-1268-3

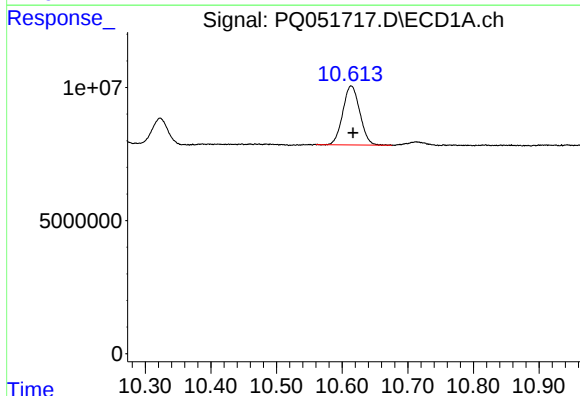
R.T.: 10.145 min
Delta R.T.: -0.002 min
Response: 3928825
Conc: 1.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



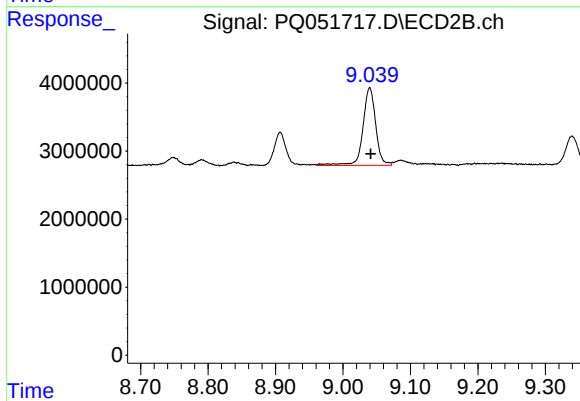
#43 AR-1268-3

R.T.: 8.748 min
Delta R.T.: -0.002 min
Response: 1745780
Conc: 1.96 ng/ml



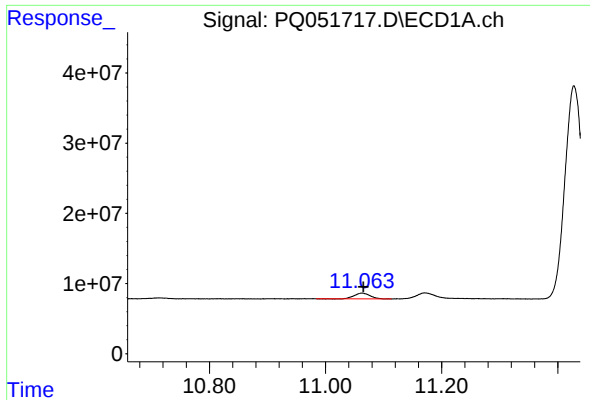
#44 AR-1268-4

R.T.: 10.614 min
Delta R.T.: -0.003 min
Response: 39968616
Conc: 36.80 ng/ml



#44 AR-1268-4

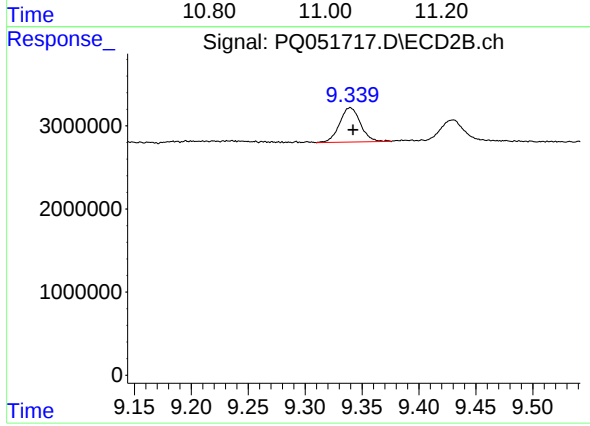
R.T.: 9.040 min
Delta R.T.: -0.002 min
Response: 15074000
Conc: 40.86 ng/ml



#45 AR-1268-5

R.T.: 11.063 min
Delta R.T.: -0.002 min
Response: 15595459
Conc: 1.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.340 min
Delta R.T.: -0.002 min
Response: 5260436
Conc: 1.89 ng/ml