

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121819\
 Data File : PQ045896.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2019 01:34
 Operator : SM\AJ
 Sample : K6358-03 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 PCB-121619-03

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 04:48:56 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Dec 18 07:45:22 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	5.233	4.359	5585321	5596359	0.920	1.100
2)	SA Decachlor...	11.400	9.802	13054730	11543301	1.100	1.448 #
Target Compounds							
3)	L1 AR-1016-1	6.549	5.643	7870467	5945664	37.231	30.663
4)	L1 AR-1016-2	6.573	5.667	7879207	9011308	25.293	30.213
5)	L1 AR-1016-3	6.642	5.862	8346819	4880831	43.056	31.947 #
6)	L1 AR-1016-4	6.748	5.908	7303274	38197431	43.934	286.151 #
7)	L1 AR-1016-5	7.063	6.144	26922074	19962578	162.940	115.069 #
9)	L2 AR-1221-2	5.588	0.000	16033258	0	352.290	N.D. #
10)	L2 AR-1221-3	5.653	4.813	8688503	11656475	64.564	95.085 #
11)	L3 AR-1232-1	5.653	4.813	8688503	11656475	37.532	55.964 #
12)	L3 AR-1232-2	6.199	5.667	20143948	9011308	161.683	37.285 #
13)	L3 AR-1232-3	6.573	5.862	7879207	4880831	31.105	40.324 #
14)	L3 AR-1232-4	6.748	5.953	7303274	12102189	54.306	105.661 #
15)	L3 AR-1232-5	6.845	6.144	48354153	19962578	483.602	144.482 #
16)	L4 AR-1242-1	6.549	5.643	7870467	5945664	51.271	41.296
17)	L4 AR-1242-2	6.573	5.667	7879207	9011308	33.327	40.754
18)	L4 AR-1242-3	6.642	5.862	8346819	4880831	56.587	42.615
19)	L4 AR-1242-4	6.748	5.953	7303274	12102189	57.915	101.132 #
20)	L4 AR-1242-5	7.532	6.527	29996375	95092103	186.271	568.183 #
21)	L5 AR-1248-1	6.549	5.643	7870467	5945664	63.939	53.299
22)	L5 AR-1248-2	6.845	5.908	48354153	38197431	272.552	232.304
23)	L5 AR-1248-3	7.063	5.953	26922074	12102189	130.394	70.888 #
24)	L5 AR-1248-4	7.463	6.144	108.3E6	19962578	401.483	94.635 #
25)	L5 AR-1248-5	7.532	6.571	29996375	12656721	110.495	57.895 #
26)	L6 AR-1254-1	7.463	6.527	108.3E6	95092103	339.891	233.832 #
27)	L6 AR-1254-2	7.691	6.684	120.9E6	87005406	228.615	239.332
28)	L6 AR-1254-3	8.074	7.115	84096225	145.3E6	137.207	227.613 #
29)	L6 AR-1254-4	8.368	7.352	54860442	24615391	104.255	61.539 #
30)	L6 AR-1254-5	8.797	7.786	118.2E6	74807799	206.607	123.898 #
31)	L7 AR-1260-1	8.242	7.249	118.3E6	101.9E6	287.667	278.642
32)	L7 AR-1260-2	8.506	7.444	117.0E6	81048049	214.524	179.419
33)	L7 AR-1260-3	8.874	7.605	59761691	80441527	123.190	188.872 #
34)	L7 AR-1260-4	9.115	8.093	47244824	30114834	97.577	78.978
35)	L7 AR-1260-5	9.456	8.337	51664243	36842403	45.235	39.048
36)	L8 AR-1262-1	8.874	7.786	59761691	74807799	71.290	222.383 #
37)	L8 AR-1262-2	9.456	8.337	51664243	36842403	33.013	28.427
38)	L8 AR-1262-3	9.810	8.627	29586772	5000863	28.258	10.199 #
39)	L8 AR-1262-4	9.865	8.692	14439408	20627806	16.795	21.892 #
40)	L8 AR-1262-5	0.000	9.209	0	2143145	N.D.	5.402 #
41)	L9 AR-1268-1	9.810	8.627	29586772	5000863	15.683	3.536 #
42)	L9 AR-1268-2	9.865	8.692	14439408	20627806	8.083	15.546 #

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 Operator : SM\AJ
 Sample : K6358-03 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

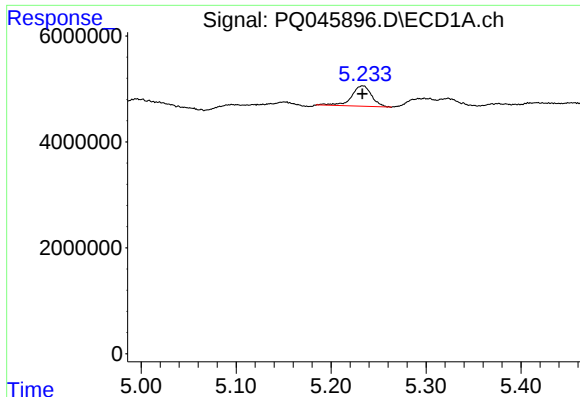
Instrument :
 ECD_Q
 ClientSampleId :
 PCB-121619-03

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 04:48:56 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121719.M
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 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	10.129	0.000	6030097	0	3.931	N.D. #
44) L9	AR-1268-4	0.000	9.209	0	2143145	N.D.	4.925 #

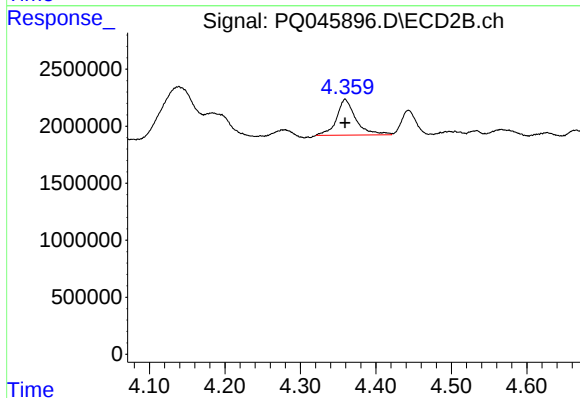
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

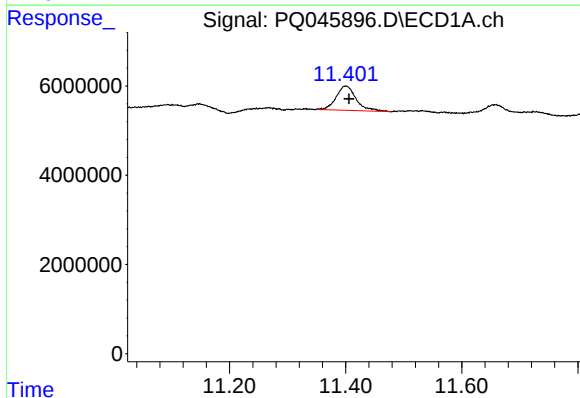
R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 5585321
Conc: 0.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-121619-03



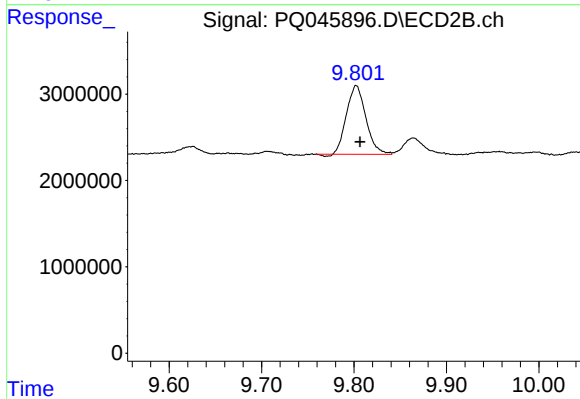
#1 Tetrachloro-m-xylene

R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 5596359
Conc: 1.10 ng/ml



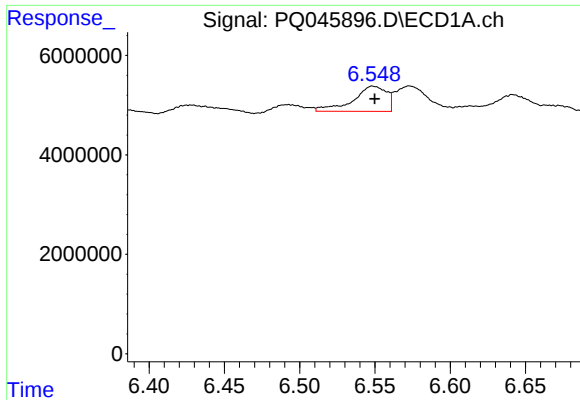
#2 Decachlorobiphenyl

R.T.: 11.400 min
Delta R.T.: -0.006 min
Response: 13054730
Conc: 1.10 ng/ml



#2 Decachlorobiphenyl

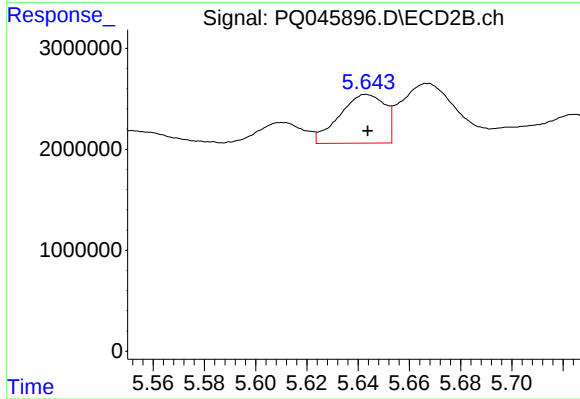
R.T.: 9.802 min
Delta R.T.: -0.004 min
Response: 11543301
Conc: 1.45 ng/ml



#3 AR-1016-1

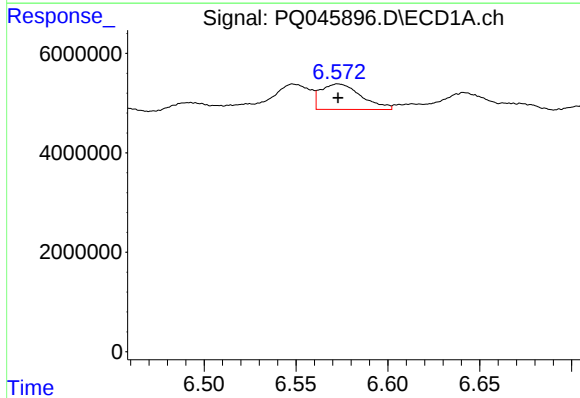
R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 7870467
Conc: 37.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-121619-03



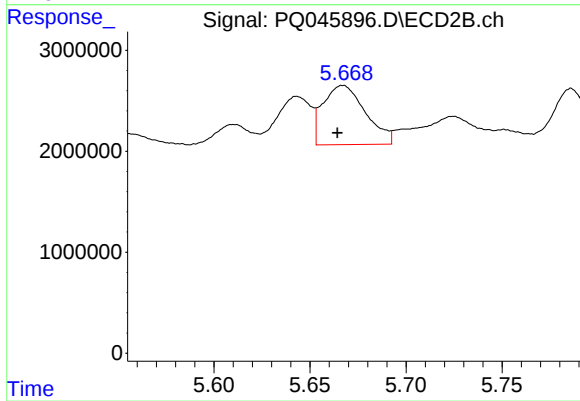
#3 AR-1016-1

R.T.: 5.643 min
Delta R.T.: 0.000 min
Response: 5945664
Conc: 30.66 ng/ml



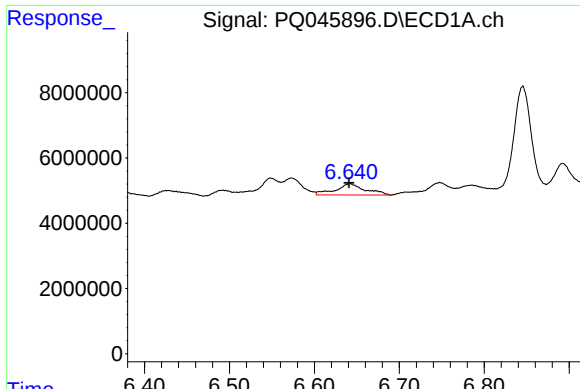
#4 AR-1016-2

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 7879207
Conc: 25.29 ng/ml



#4 AR-1016-2

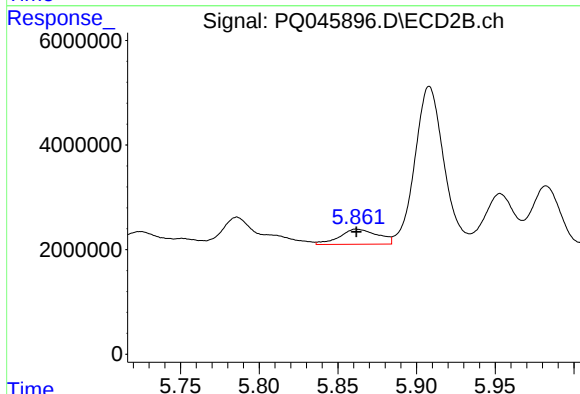
R.T.: 5.667 min
Delta R.T.: 0.003 min
Response: 9011308
Conc: 30.21 ng/ml



#5 AR-1016-3

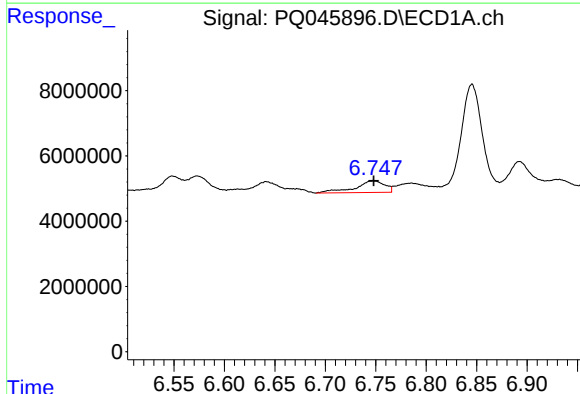
R.T.: 6.642 min
Delta R.T.: 0.001 min
Response: 8346819
Conc: 43.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-121619-03



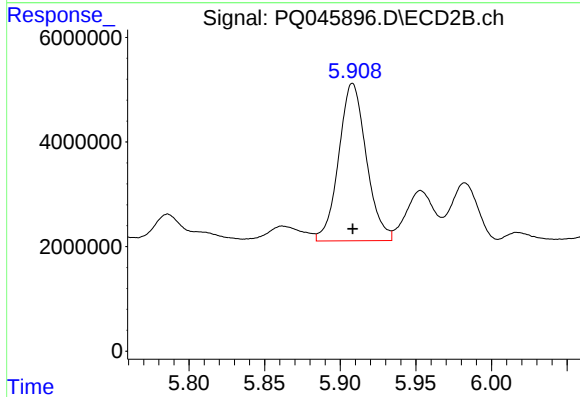
#5 AR-1016-3

R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 4880831
Conc: 31.95 ng/ml



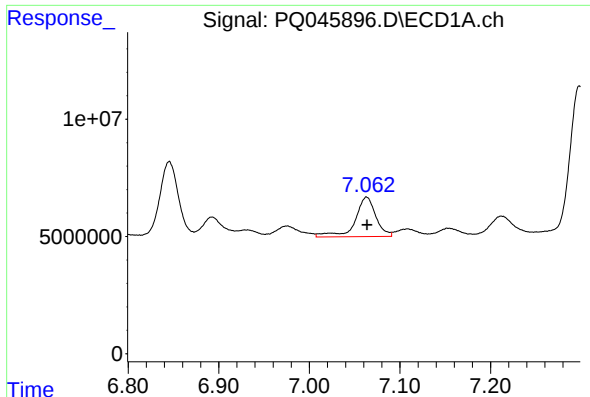
#6 AR-1016-4

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 7303274
Conc: 43.93 ng/ml



#6 AR-1016-4

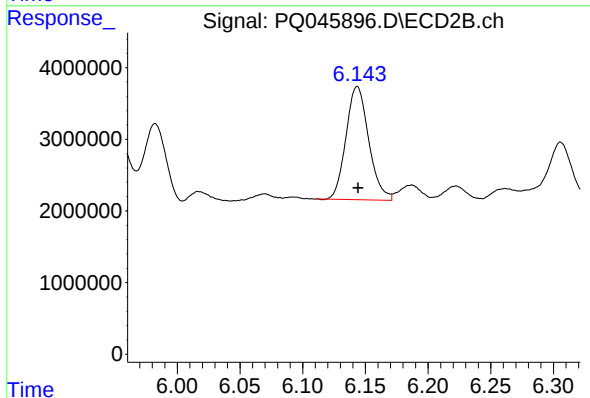
R.T.: 5.908 min
Delta R.T.: 0.000 min
Response: 38197431
Conc: 286.15 ng/ml



#7 AR-1016-5

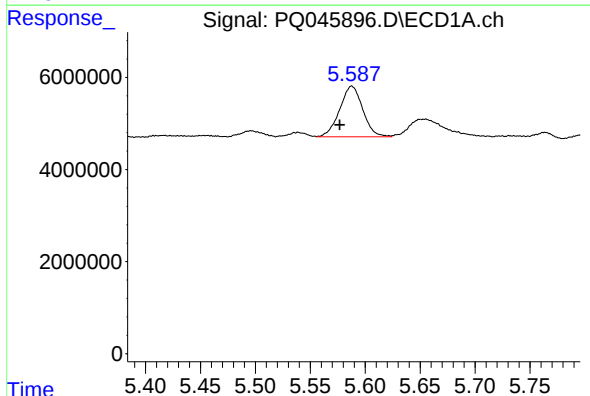
R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 26922074
Conc: 162.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-121619-03



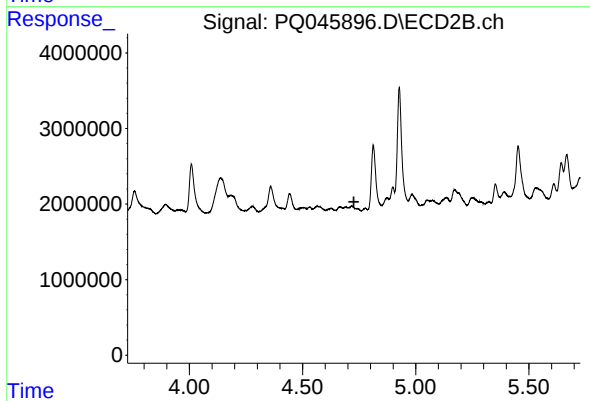
#7 AR-1016-5

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 19962578
Conc: 115.07 ng/ml



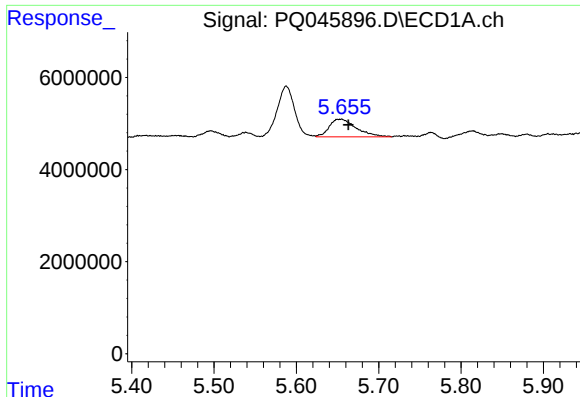
#9 AR-1221-2

R.T.: 5.588 min
Delta R.T.: 0.011 min
Response: 16033258
Conc: 352.29 ng/ml



#9 AR-1221-2

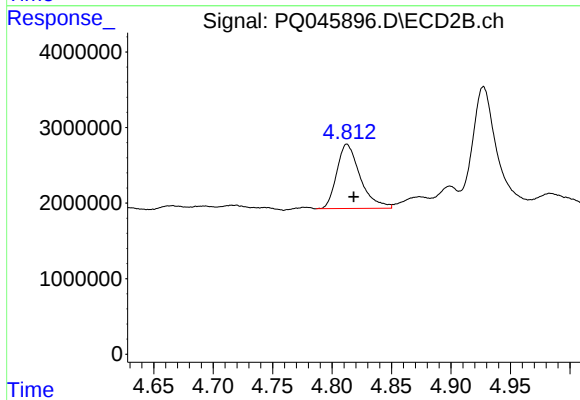
R.T.: 0.000 min
Exp R.T.: 4.727 min
Response: 0
Conc: N.D.



#10 AR-1221-3

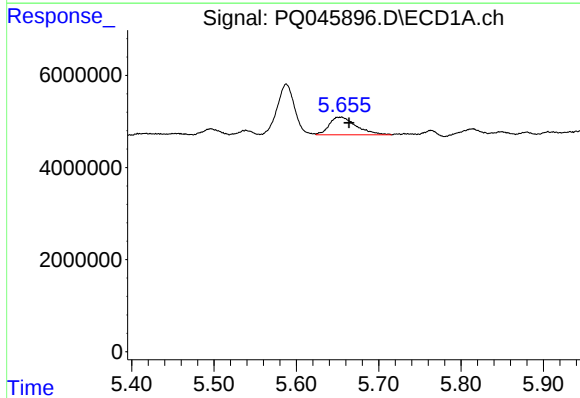
R.T.: 5.653 min
Delta R.T.: -0.010 min
Response: 8688503
Conc: 64.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-121619-03



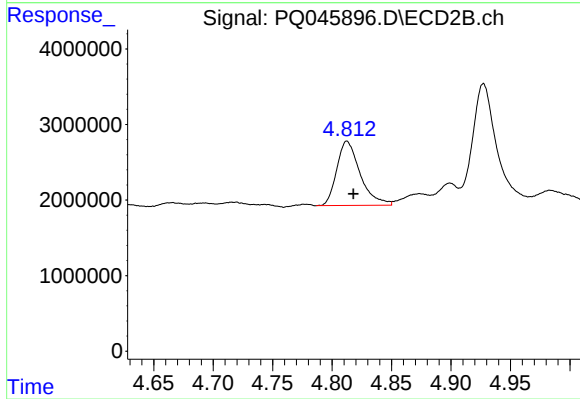
#10 AR-1221-3

R.T.: 4.813 min
Delta R.T.: -0.006 min
Response: 11656475
Conc: 95.09 ng/ml



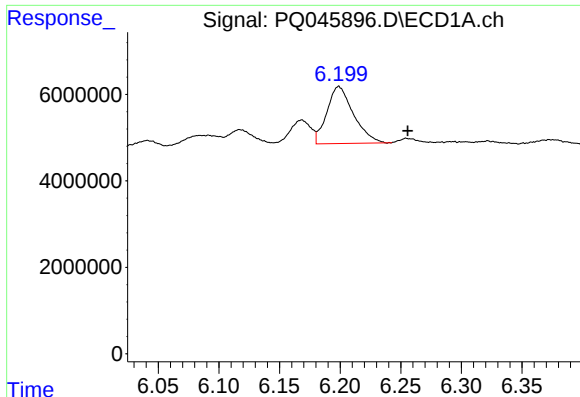
#11 AR-1232-1

R.T.: 5.653 min
Delta R.T.: -0.011 min
Response: 8688503
Conc: 37.53 ng/ml



#11 AR-1232-1

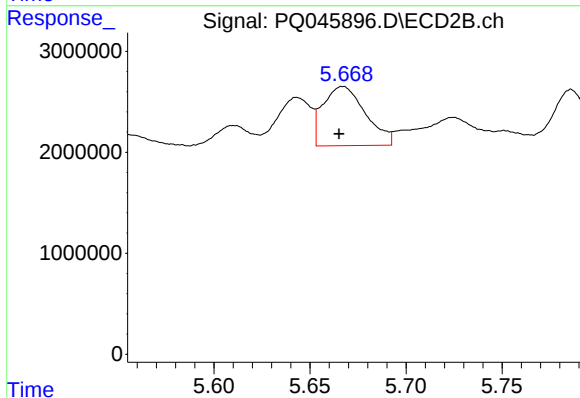
R.T.: 4.813 min
Delta R.T.: -0.005 min
Response: 11656475
Conc: 55.96 ng/ml



#12 AR-1232-2

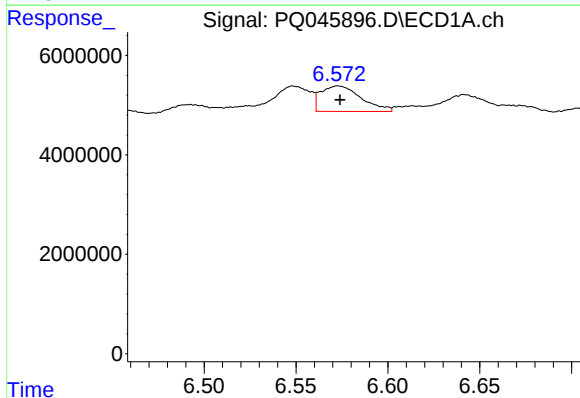
R.T.: 6.199 min
Delta R.T.: -0.057 min
Response: 20143948
Conc: 161.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-121619-03



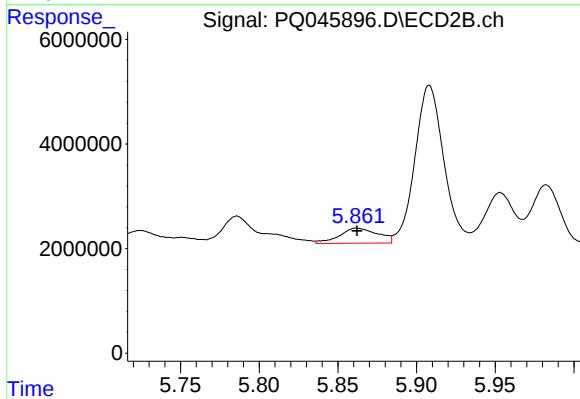
#12 AR-1232-2

R.T.: 5.667 min
Delta R.T.: 0.002 min
Response: 9011308
Conc: 37.28 ng/ml



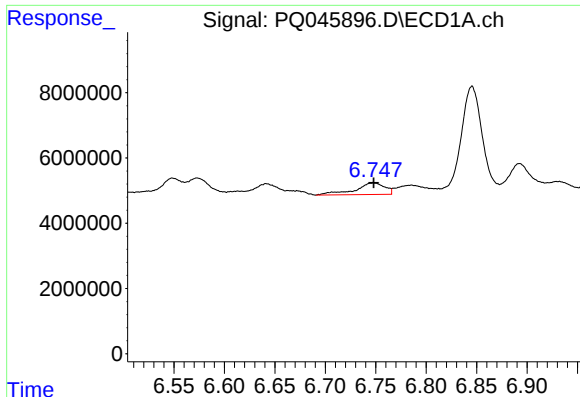
#13 AR-1232-3

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 7879207
Conc: 31.10 ng/ml



#13 AR-1232-3

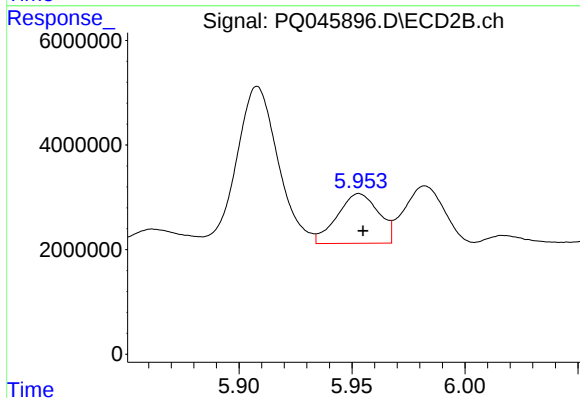
R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 4880831
Conc: 40.32 ng/ml



#14 AR-1232-4

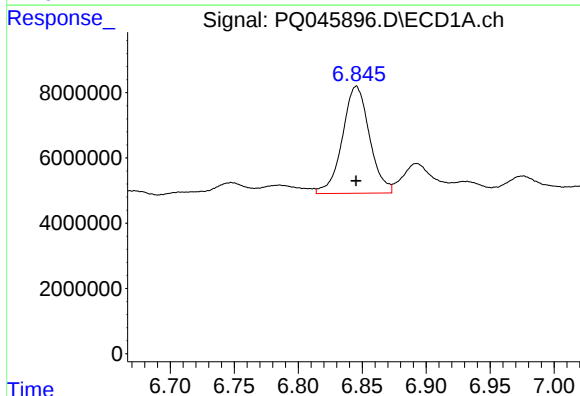
R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 7303274
Conc: 54.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-121619-03



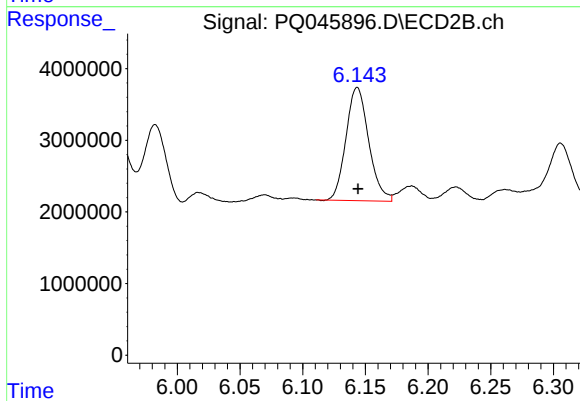
#14 AR-1232-4

R.T.: 5.953 min
Delta R.T.: -0.002 min
Response: 12102189
Conc: 105.66 ng/ml



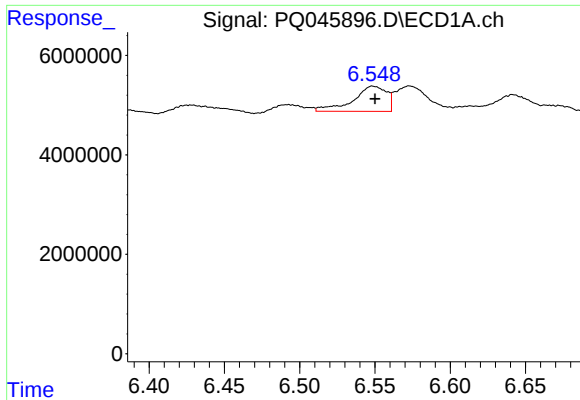
#15 AR-1232-5

R.T.: 6.845 min
Delta R.T.: 0.000 min
Response: 48354153
Conc: 483.60 ng/ml



#15 AR-1232-5

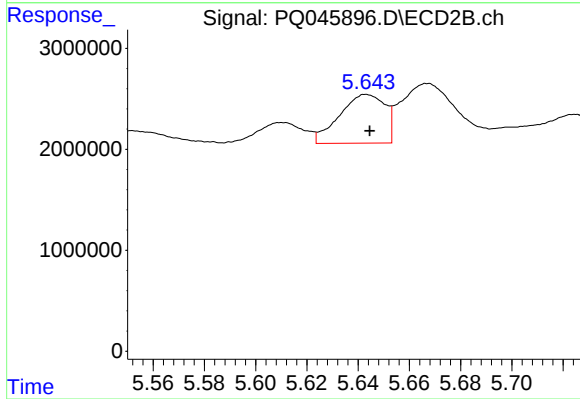
R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 19962578
Conc: 144.48 ng/ml



#16 AR-1242-1

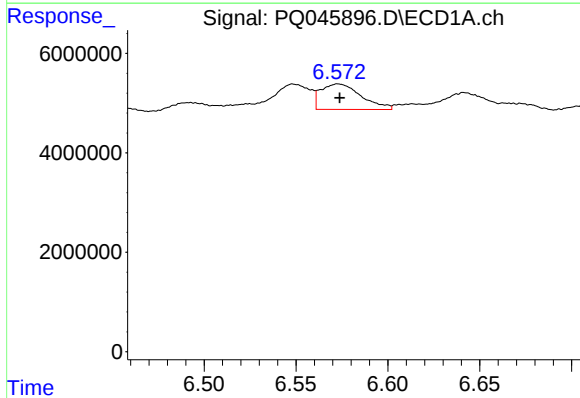
R.T.: 6.549 min
Delta R.T.: -0.001 min
Response: 7870467
Conc: 51.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-121619-03



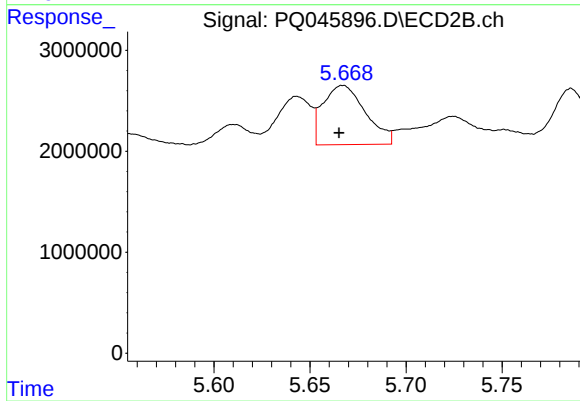
#16 AR-1242-1

R.T.: 5.643 min
Delta R.T.: -0.001 min
Response: 5945664
Conc: 41.30 ng/ml



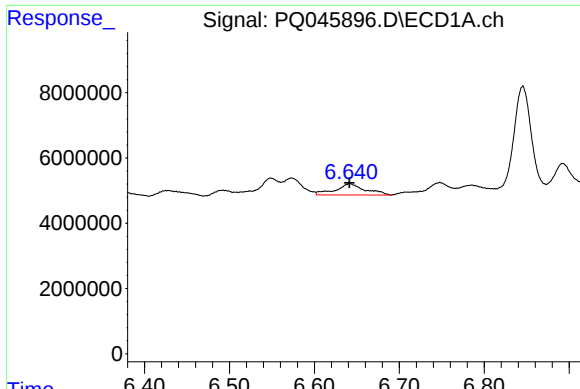
#17 AR-1242-2

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 7879207
Conc: 33.33 ng/ml



#17 AR-1242-2

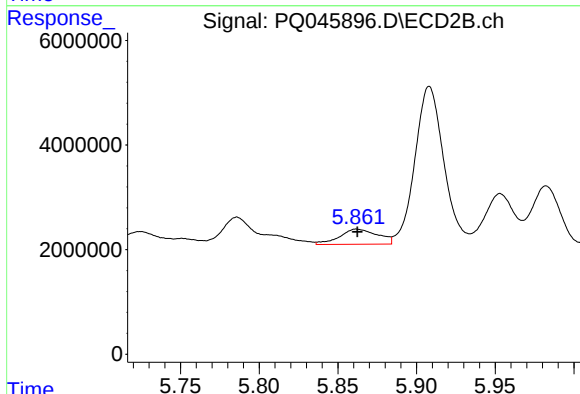
R.T.: 5.667 min
Delta R.T.: 0.002 min
Response: 9011308
Conc: 40.75 ng/ml



#18 AR-1242-3

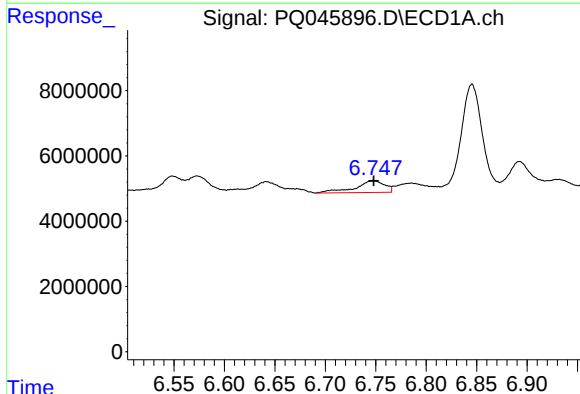
R.T.: 6.642 min
Delta R.T.: 0.000 min
Response: 8346819
Conc: 56.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-121619-03



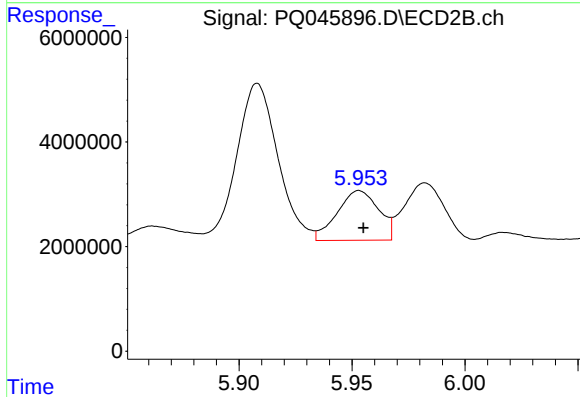
#18 AR-1242-3

R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 4880831
Conc: 42.61 ng/ml



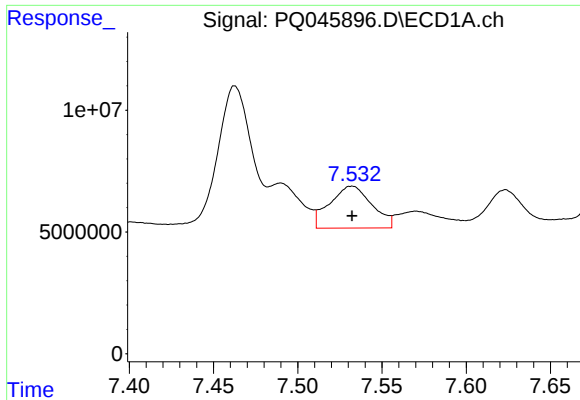
#19 AR-1242-4

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 7303274
Conc: 57.91 ng/ml



#19 AR-1242-4

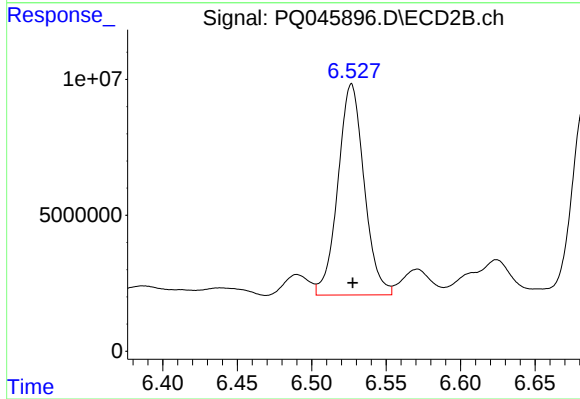
R.T.: 5.953 min
Delta R.T.: -0.002 min
Response: 12102189
Conc: 101.13 ng/ml



#20 AR-1242-5

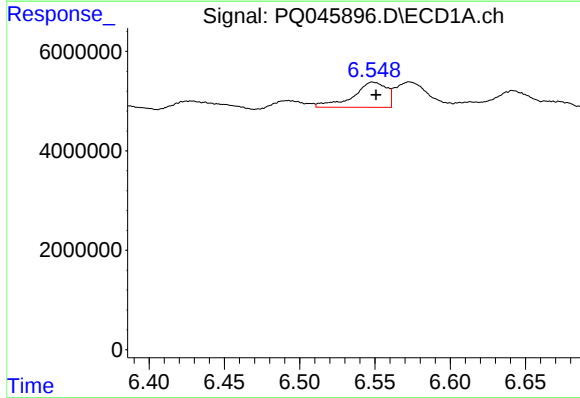
R.T.: 7.532 min
Delta R.T.: 0.000 min
Response: 29996375
Conc: 186.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-121619-03



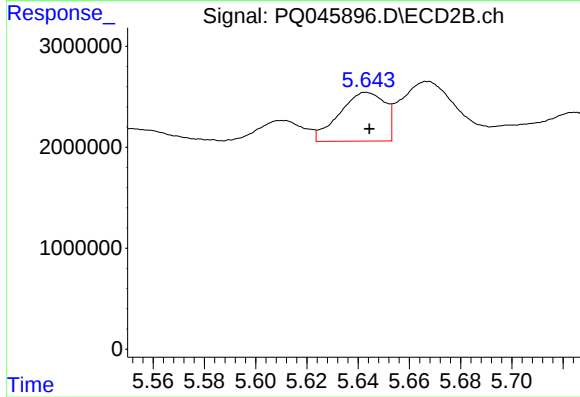
#20 AR-1242-5

R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 95092103
Conc: 568.18 ng/ml



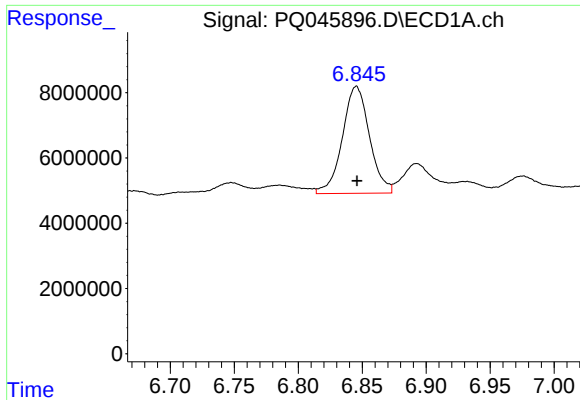
#21 AR-1248-1

R.T.: 6.549 min
Delta R.T.: -0.002 min
Response: 7870467
Conc: 63.94 ng/ml



#21 AR-1248-1

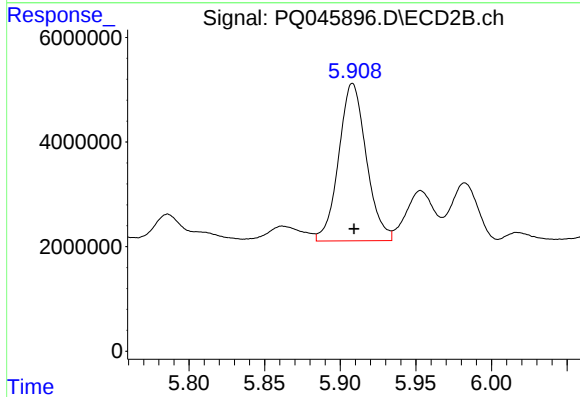
R.T.: 5.643 min
Delta R.T.: -0.001 min
Response: 5945664
Conc: 53.30 ng/ml



#22 AR-1248-2

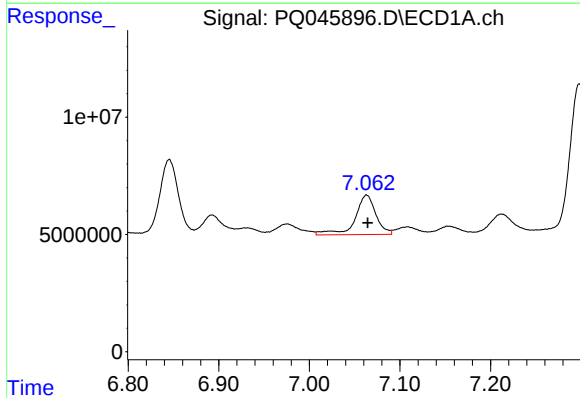
R.T.: 6.845 min
Delta R.T.: 0.000 min
Response: 48354153
Conc: 272.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-121619-03



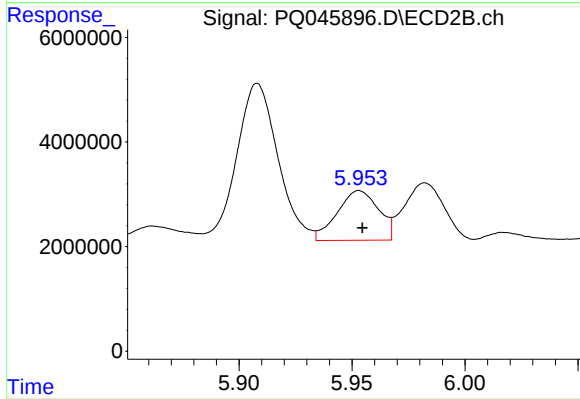
#22 AR-1248-2

R.T.: 5.908 min
Delta R.T.: 0.000 min
Response: 38197431
Conc: 232.30 ng/ml



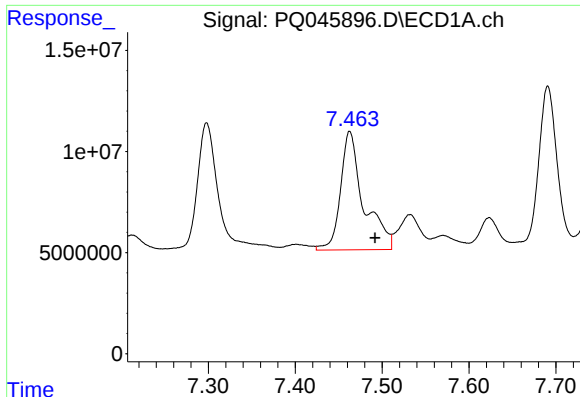
#23 AR-1248-3

R.T.: 7.063 min
Delta R.T.: -0.001 min
Response: 26922074
Conc: 130.39 ng/ml



#23 AR-1248-3

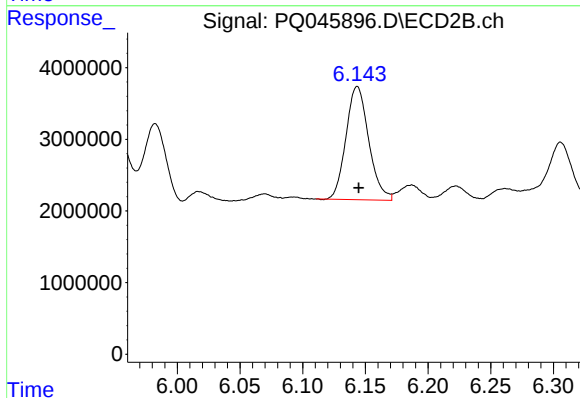
R.T.: 5.953 min
Delta R.T.: -0.002 min
Response: 12102189
Conc: 70.89 ng/ml



#24 AR-1248-4

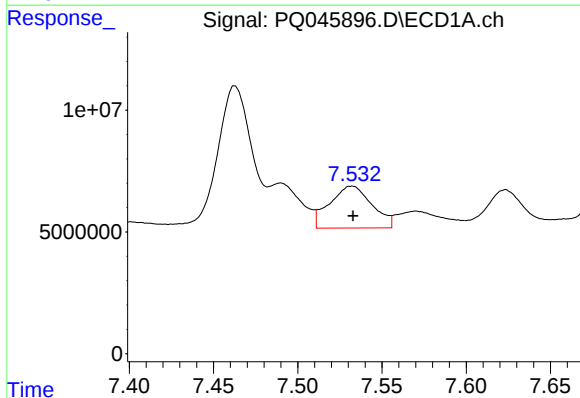
R.T.: 7.463 min
Delta R.T.: -0.029 min
Response: 108285177
Conc: 401.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-121619-03



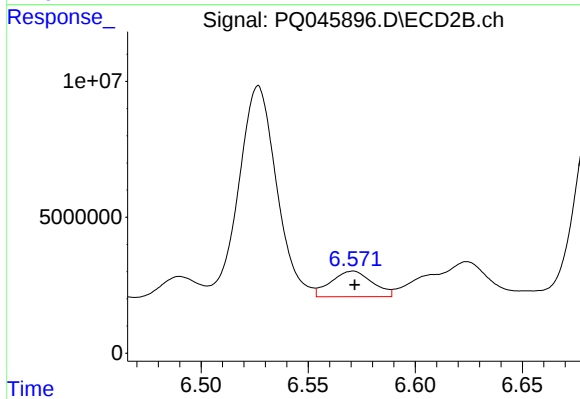
#24 AR-1248-4

R.T.: 6.144 min
Delta R.T.: -0.001 min
Response: 19962578
Conc: 94.63 ng/ml



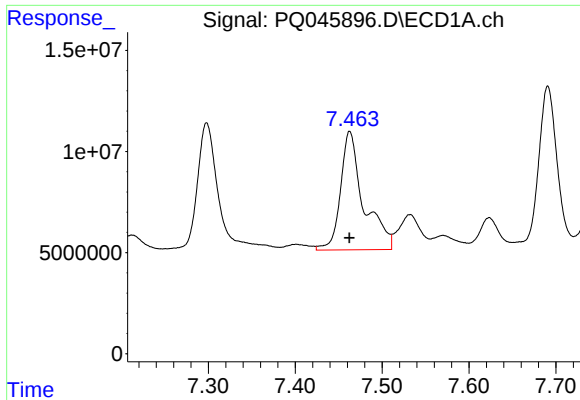
#25 AR-1248-5

R.T.: 7.532 min
Delta R.T.: 0.000 min
Response: 29996375
Conc: 110.49 ng/ml



#25 AR-1248-5

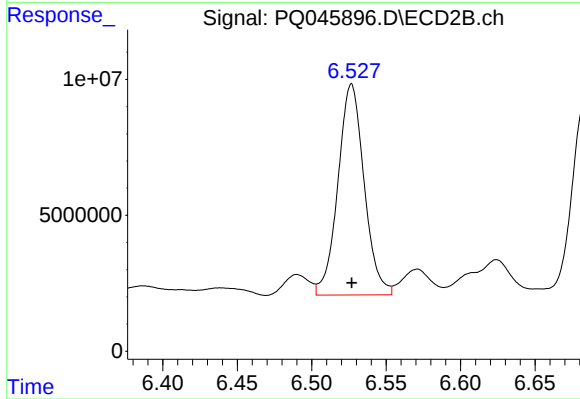
R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 12656721
Conc: 57.90 ng/ml



#26 AR-1254-1

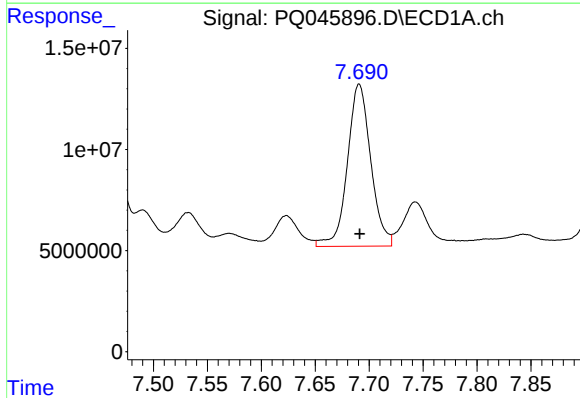
R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 108285177
Conc: 339.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-121619-03



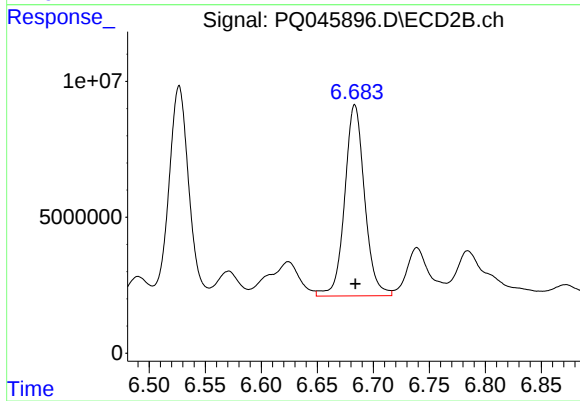
#26 AR-1254-1

R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 95092103
Conc: 233.83 ng/ml



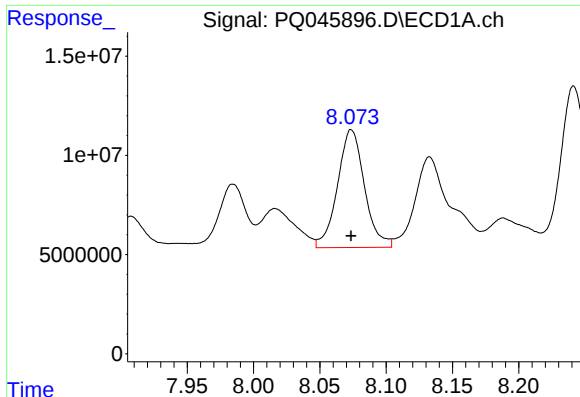
#27 AR-1254-2

R.T.: 7.691 min
Delta R.T.: 0.000 min
Response: 120864734
Conc: 228.62 ng/ml



#27 AR-1254-2

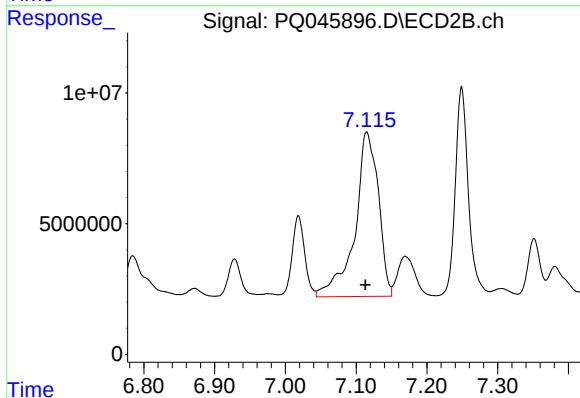
R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 87005406
Conc: 239.33 ng/ml



#28 AR-1254-3

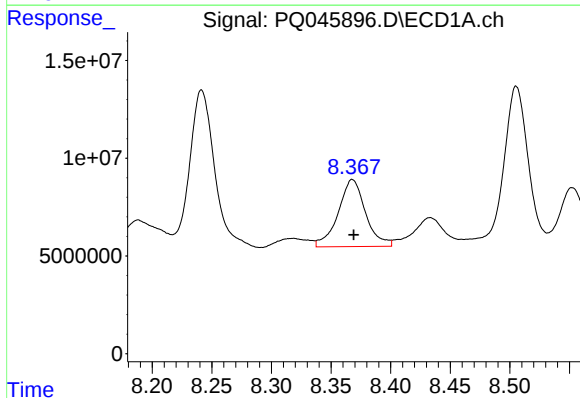
R.T.: 8.074 min
Delta R.T.: 0.000 min
Response: 84096225
Conc: 137.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-121619-03



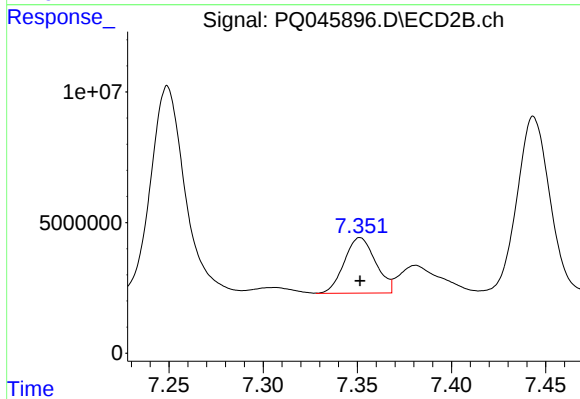
#28 AR-1254-3

R.T.: 7.115 min
Delta R.T.: 0.002 min
Response: 145299925
Conc: 227.61 ng/ml



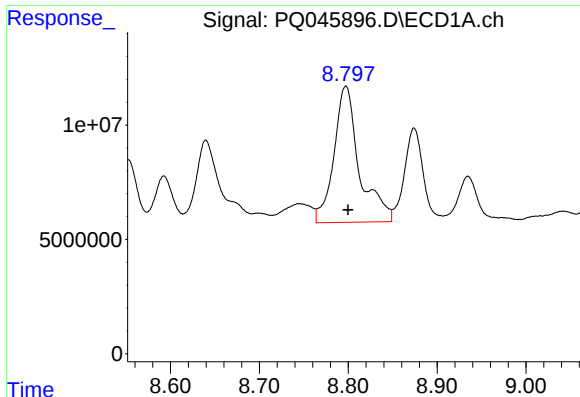
#29 AR-1254-4

R.T.: 8.368 min
Delta R.T.: -0.001 min
Response: 54860442
Conc: 104.26 ng/ml



#29 AR-1254-4

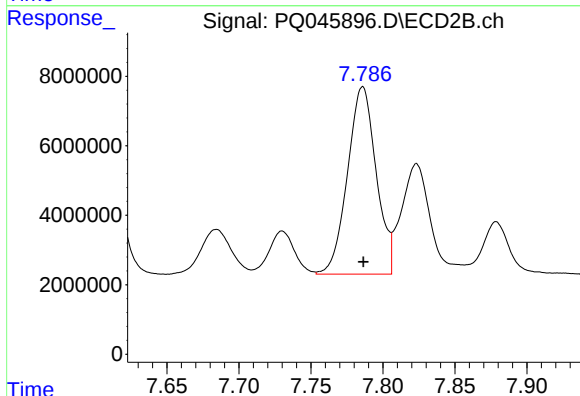
R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 24615391
Conc: 61.54 ng/ml



#30 AR-1254-5

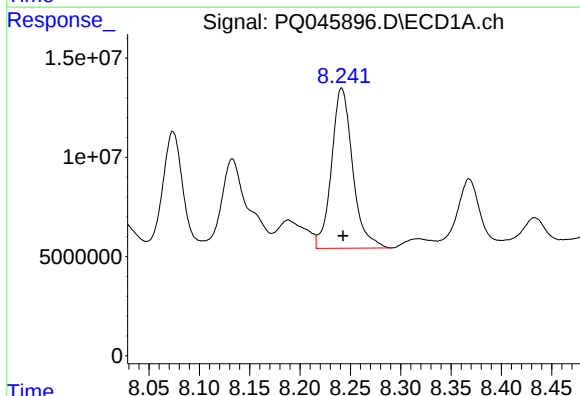
R.T.: 8.797 min
Delta R.T.: -0.003 min
Response: 118209559
Conc: 206.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-121619-03



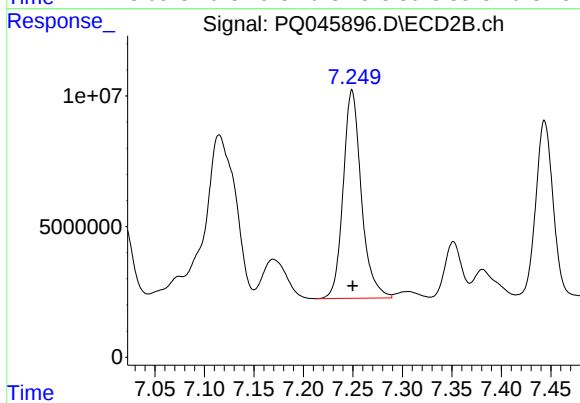
#30 AR-1254-5

R.T.: 7.786 min
Delta R.T.: 0.000 min
Response: 74807799
Conc: 123.90 ng/ml



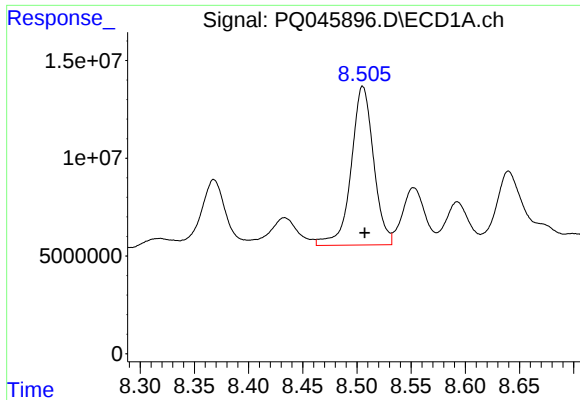
#31 AR-1260-1

R.T.: 8.242 min
Delta R.T.: -0.001 min
Response: 118257598
Conc: 287.67 ng/ml



#31 AR-1260-1

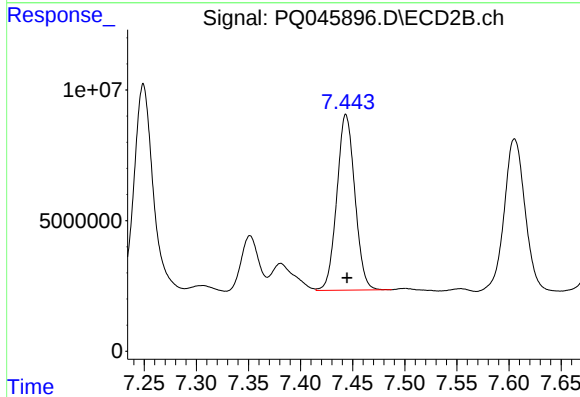
R.T.: 7.249 min
Delta R.T.: 0.000 min
Response: 101874322
Conc: 278.64 ng/ml



#32 AR-1260-2

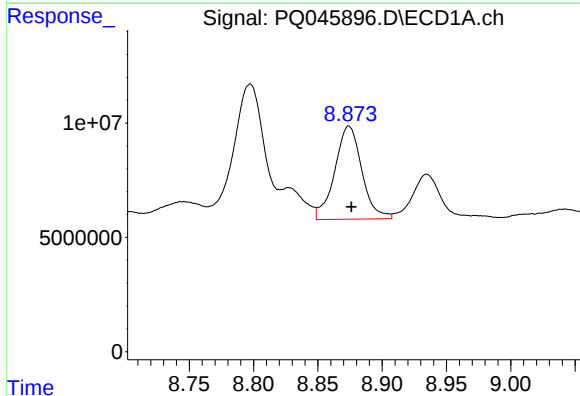
R.T.: 8.506 min
Delta R.T.: -0.002 min
Response: 117027758
Conc: 214.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-121619-03



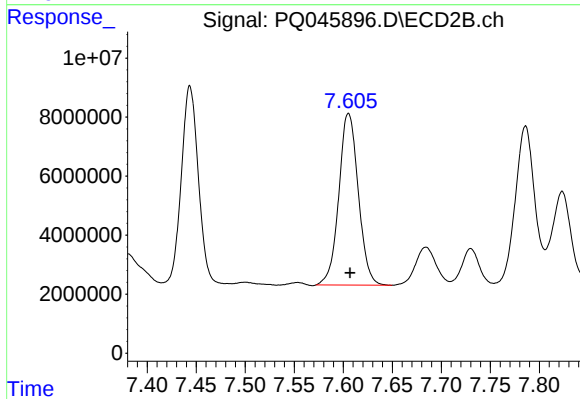
#32 AR-1260-2

R.T.: 7.444 min
Delta R.T.: -0.001 min
Response: 81048049
Conc: 179.42 ng/ml



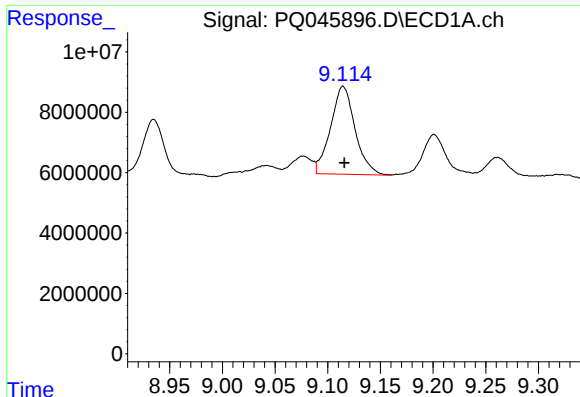
#33 AR-1260-3

R.T.: 8.874 min
Delta R.T.: -0.002 min
Response: 59761691
Conc: 123.19 ng/ml



#33 AR-1260-3

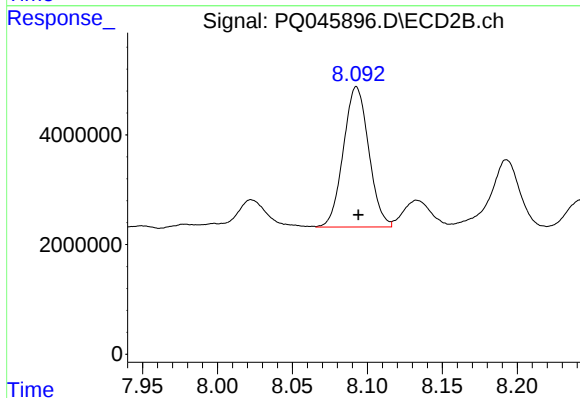
R.T.: 7.605 min
Delta R.T.: -0.002 min
Response: 80441527
Conc: 188.87 ng/ml



#34 AR-1260-4

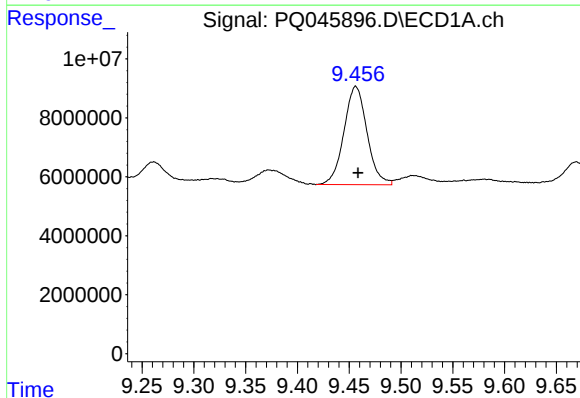
R.T.: 9.115 min
Delta R.T.: -0.001 min
Response: 47244824
Conc: 97.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-121619-03



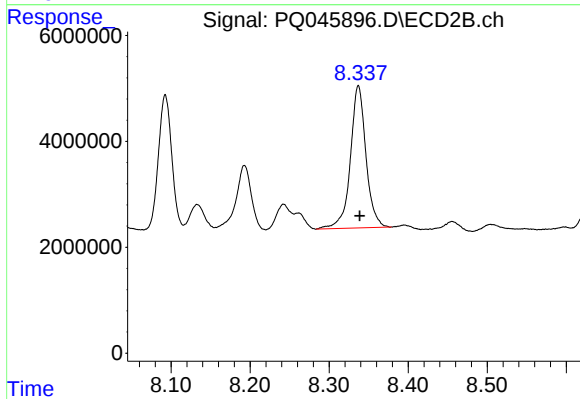
#34 AR-1260-4

R.T.: 8.093 min
Delta R.T.: -0.001 min
Response: 30114834
Conc: 78.98 ng/ml



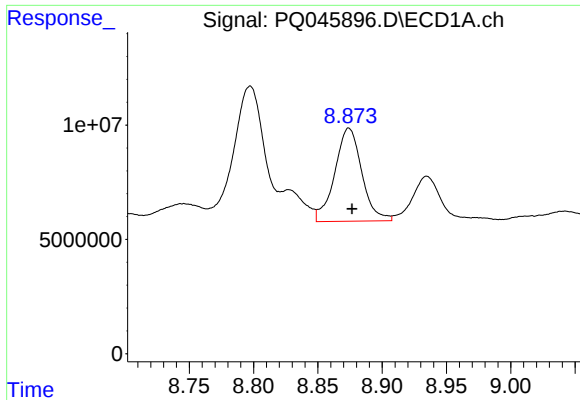
#35 AR-1260-5

R.T.: 9.456 min
Delta R.T.: -0.002 min
Response: 51664243
Conc: 45.24 ng/ml



#35 AR-1260-5

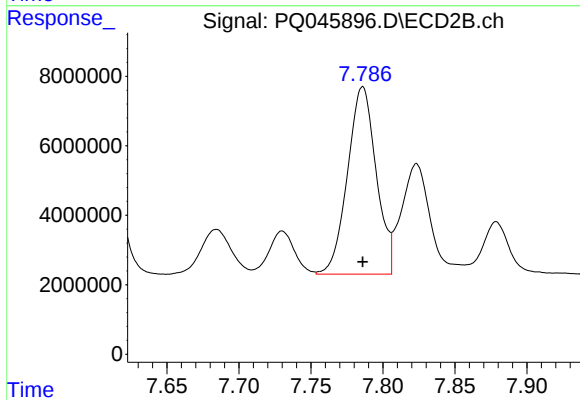
R.T.: 8.337 min
Delta R.T.: -0.002 min
Response: 36842403
Conc: 39.05 ng/ml



#36 AR-1262-1

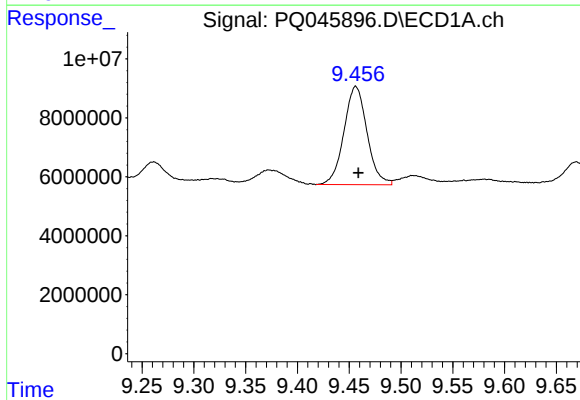
R.T.: 8.874 min
Delta R.T.: -0.002 min
Response: 59761691
Conc: 71.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-121619-03



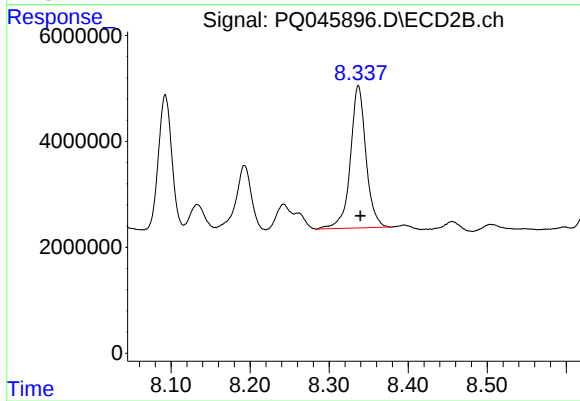
#36 AR-1262-1

R.T.: 7.786 min
Delta R.T.: 0.000 min
Response: 74807799
Conc: 222.38 ng/ml



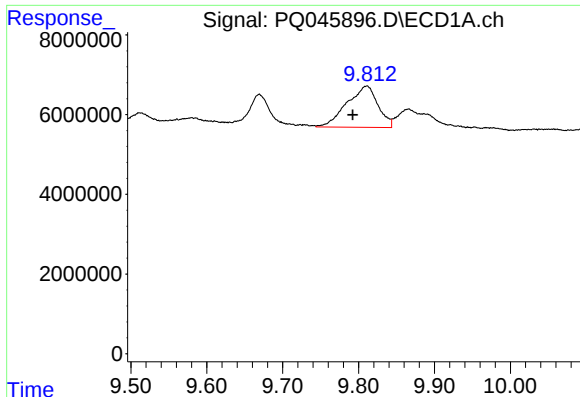
#37 AR-1262-2

R.T.: 9.456 min
Delta R.T.: -0.003 min
Response: 51664243
Conc: 33.01 ng/ml



#37 AR-1262-2

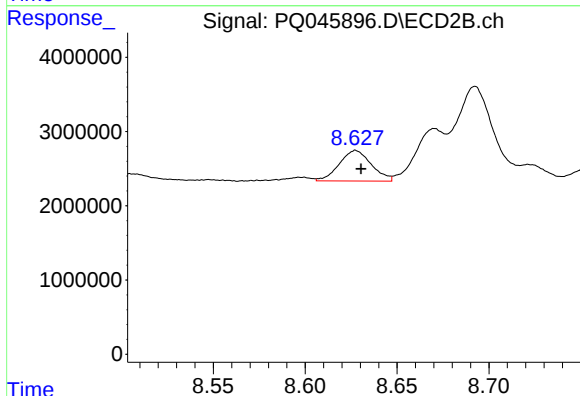
R.T.: 8.337 min
Delta R.T.: -0.002 min
Response: 36842403
Conc: 28.43 ng/ml



#38 AR-1262-3

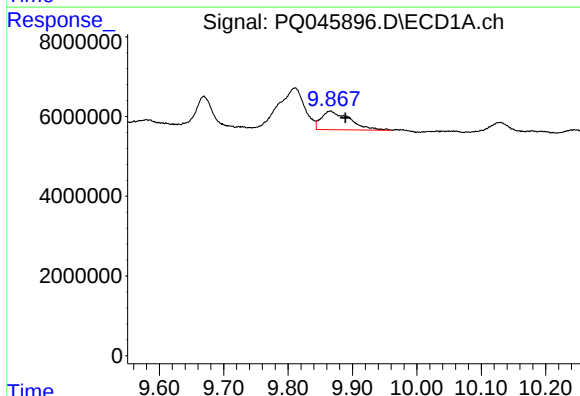
R.T.: 9.810 min
Delta R.T.: 0.018 min
Response: 29586772
Conc: 28.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-121619-03



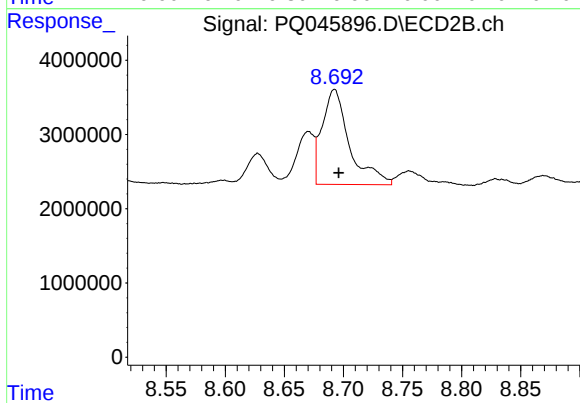
#38 AR-1262-3

R.T.: 8.627 min
Delta R.T.: -0.003 min
Response: 5000863
Conc: 10.20 ng/ml



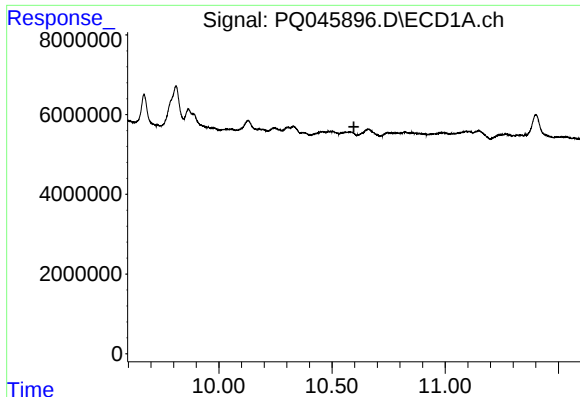
#39 AR-1262-4

R.T.: 9.865 min
Delta R.T.: -0.024 min
Response: 14439408
Conc: 16.80 ng/ml



#39 AR-1262-4

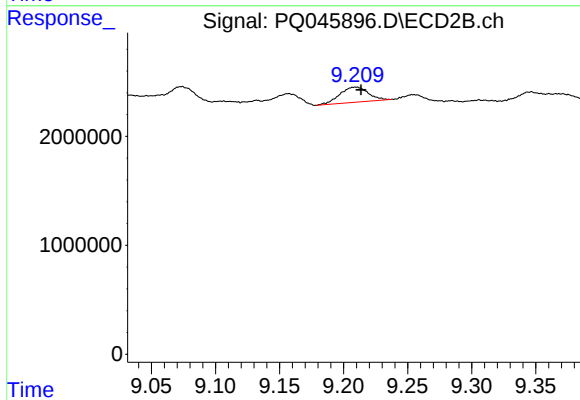
R.T.: 8.692 min
Delta R.T.: -0.004 min
Response: 20627806
Conc: 21.89 ng/ml



#40 AR-1262-5

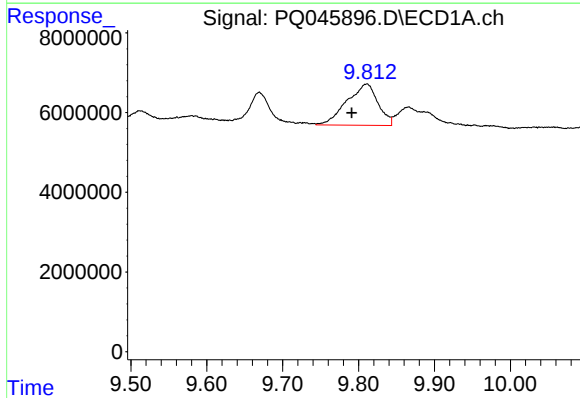
R.T.: 0.000 min
Exp R.T.: 10.596 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
PCB-121619-03



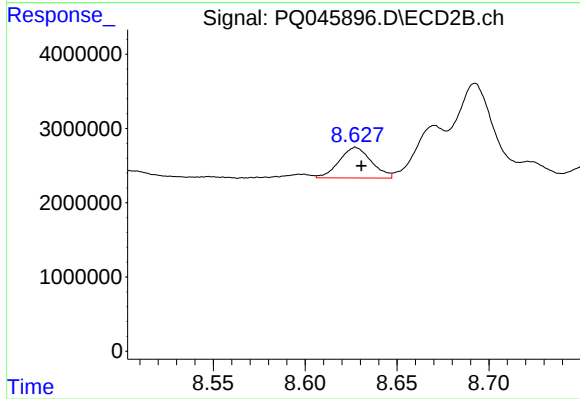
#40 AR-1262-5

R.T.: 9.209 min
Delta R.T.: -0.004 min
Response: 2143145
Conc: 5.40 ng/ml



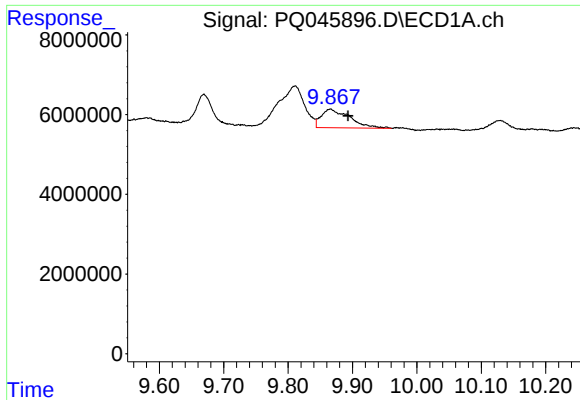
#41 AR-1268-1

R.T.: 9.810 min
Delta R.T.: 0.019 min
Response: 29586772
Conc: 15.68 ng/ml



#41 AR-1268-1

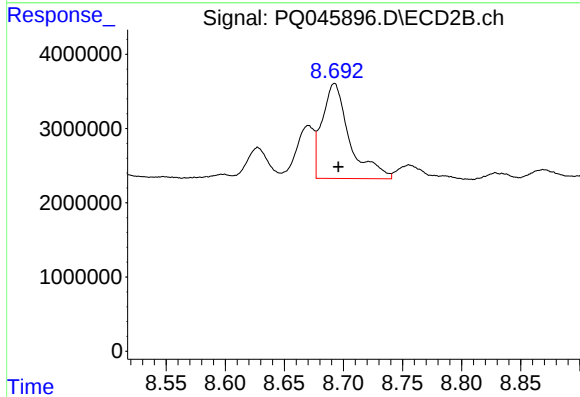
R.T.: 8.627 min
Delta R.T.: -0.003 min
Response: 5000863
Conc: 3.54 ng/ml



#42 AR-1268-2

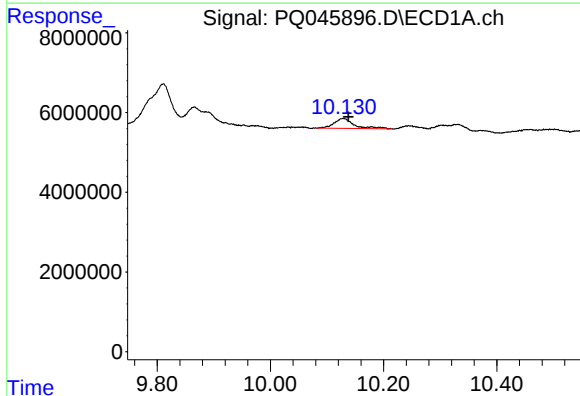
R.T.: 9.865 min
Delta R.T.: -0.027 min
Response: 14439408
Conc: 8.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-121619-03



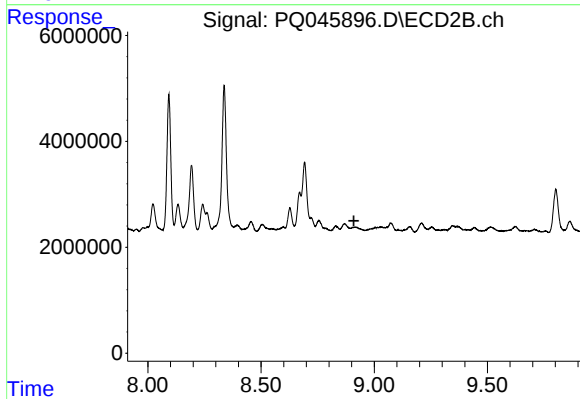
#42 AR-1268-2

R.T.: 8.692 min
Delta R.T.: -0.004 min
Response: 20627806
Conc: 15.55 ng/ml



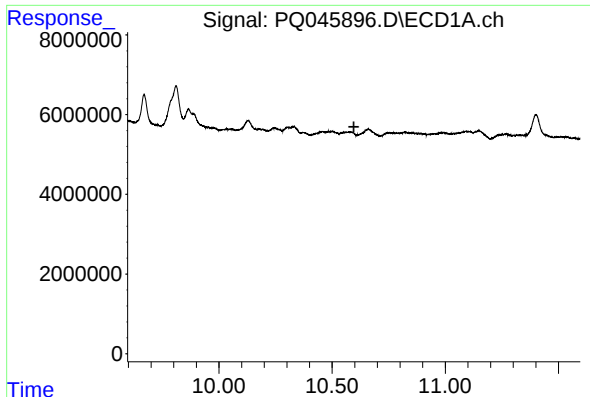
#43 AR-1268-3

R.T.: 10.129 min
Delta R.T.: -0.009 min
Response: 6030097
Conc: 3.93 ng/ml



#43 AR-1268-3

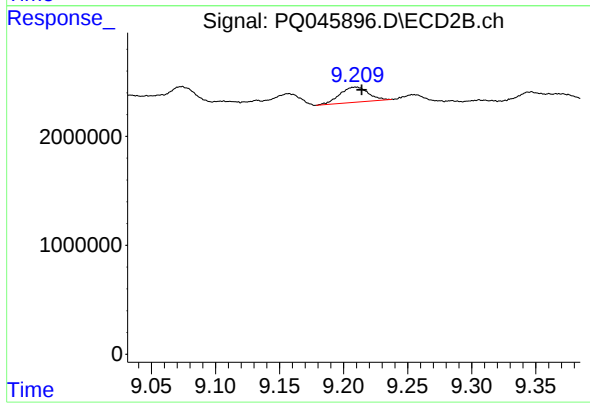
R.T.: 0.000 min
Exp R.T.: 8.910 min
Response: 0
Conc: N.D.



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 10.596 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
PCB-121619-03



#44 AR-1268-4

R.T.: 9.209 min
Delta R.T.: -0.005 min
Response: 2143145
Conc: 4.93 ng/ml