

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062823\
 Data File : PQ061713.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jun 2023 14:13
 Operator : YP\AJ
 Sample : 03415-08MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 28 17:56:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 09 18:19:31 2023
 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...	3.405	2.760	91488197	51643478	20.353	19.340
2)	SA Decachlor...	8.584	7.531	57928078	56560868	17.196	16.851
Target Compounds							
3)	L1 AR-1016-1	4.505	3.761	82211774	58687307	534.022	568.999
4)	L1 AR-1016-2	4.524	3.777	129.0E6	83345204	565.562	559.422
5)	L1 AR-1016-3	4.582	3.937	79474672	44926560	559.281	568.506
6)	L1 AR-1016-4	4.673	3.986	66552959	38370449	578.029	540.372
7)	L1 AR-1016-5	4.961	4.181	63080757	48679840	545.810	568.599
8)	L2 AR-1221-1	3.602	2.961	8794912	5242911	156.742	147.248
9)	L2 AR-1221-2	3.684	3.039	10373204	6877811	245.810	249.717
10)	L2 AR-1221-3	3.753	3.106	47024077	28984792	358.740	342.042
11)	L3 AR-1232-1	3.753	3.106	47024077	28984792	491.943	470.664
12)	L3 AR-1232-2	4.246	3.777	65041294	83345204	1183.953	1209.695
13)	L3 AR-1232-3	4.524	3.937	129.0E6	44926560	1235.321	1242.431
14)	L3 AR-1232-4	4.673	4.023	66552959	42096631	1254.354	1306.097
15)	L3 AR-1232-5	4.771	4.181	50683935	48679840	1343.957	1270.208
16)	L4 AR-1242-1	4.505	3.761	82211774	58687307	724.533	766.261
17)	L4 AR-1242-2	4.524	3.777	129.0E6	83345204	759.968	752.050
18)	L4 AR-1242-3	4.582	3.937	79474672	44926560	742.888	759.120
19)	L4 AR-1242-4	4.673	4.023	66552959	42096631	766.827	702.952
20)	L4 AR-1242-5	5.390	4.517	7236447	41883269	81.594	523.084 #
21)	L5 AR-1248-1	4.505	3.761	82211774	58687307	912.410	942.987
22)	L5 AR-1248-2	4.771	3.986	50683935	38370449	398.692	396.979
23)	L5 AR-1248-3	4.961	4.023	63080757	42096631	409.507	460.509
24)	L5 AR-1248-4	5.355	4.181	6795296	48679840	40.031	429.916 #
25)	L5 AR-1248-5	5.390	4.555	7236447	9006687	44.171	81.778 #
26)	L6 AR-1254-1	5.327	4.517	46957354	41883269	274.924	254.693
27)	L6 AR-1254-2	5.545	4.664	49957849	42797719	186.839	284.548 #
28)	L6 AR-1254-3	5.897	5.045	28690897	20156403	102.672	86.620
29)	L6 AR-1254-4	6.180	5.272	18069708	7708122	88.281	53.651 #
30)	L6 AR-1254-5	6.595	5.677	175.7E6	143.8E6	744.823	630.481
31)	L7 AR-1260-1	6.063	5.174	118.6E6	95548368	534.006	555.483
32)	L7 AR-1260-2	6.323	5.364	145.1E6	117.0E6	545.241	564.586
33)	L7 AR-1260-3	6.677	5.505	89361724	109.0E6	531.449	548.898
34)	L7 AR-1260-4	6.894	5.967	104.8E6	82316674	522.241	559.576
35)	L7 AR-1260-5	7.206	6.214	207.3E6	182.8E6	544.612	563.074
36)	L8 AR-1262-1	6.677	5.720	89361724	80457553	298.472	331.993
37)	L8 AR-1262-2	7.206	6.214	207.3E6	182.8E6	411.114	418.340
38)	L8 AR-1262-3	7.484	6.492	131.1E6	37477795	388.042	207.959 #
39)	L8 AR-1262-4	7.555	6.549	32063918	140.9E6	124.852	424.872 #
40)	L8 AR-1262-5	8.059	7.047	46314367	44879066	271.944	279.759
41)	L9 AR-1268-1	7.484	6.492	131.1E6	37477795	238.106	76.283 #

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 Data File : PQ061713.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jun 2023 14:13
 Operator : YP\AJ
 Sample : 03415-08MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

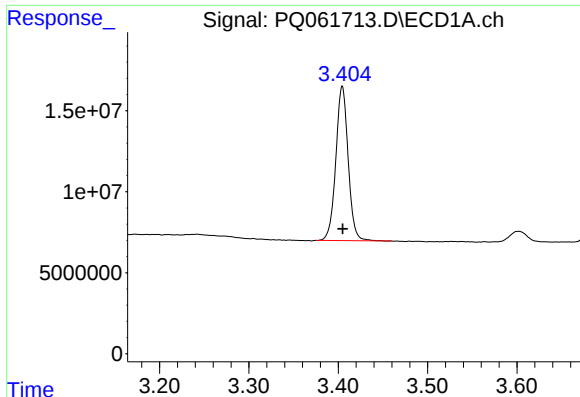
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 28 17:56:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
 Quant Title : GC EXTRACTABLES
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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
42) L9	AR-1268-2	7.555	6.549	32063918	140.9E6	65.073	316.708 #
43) L9	AR-1268-3	7.737	6.754	3456559	4660574	8.383	11.905 #
44) L9	AR-1268-4	8.059	7.047	46314367	44879066	261.652	267.329
45) L9	AR-1268-5	8.350	7.314	14295886	15459857	12.028	12.467

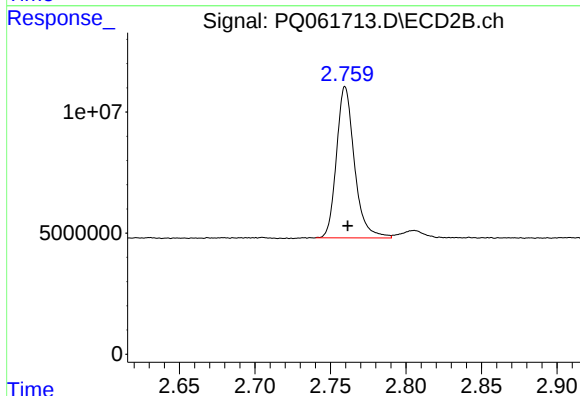
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

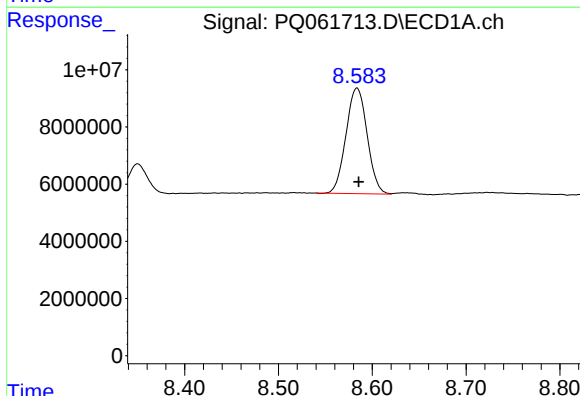
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 91488197
Conc: 20.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



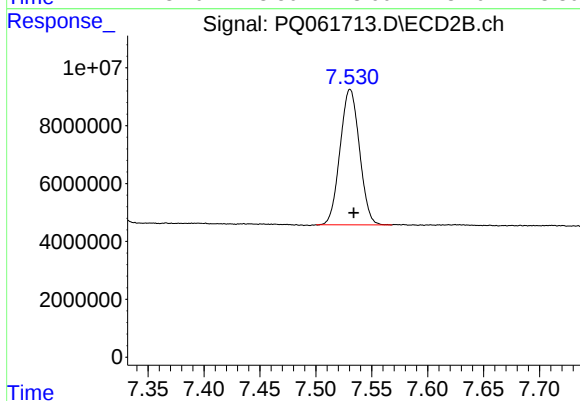
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: -0.002 min
Response: 51643478
Conc: 19.34 ng/ml



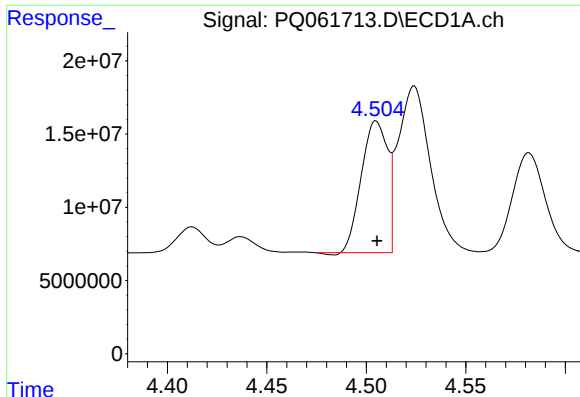
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: -0.002 min
Response: 57928078
Conc: 17.20 ng/ml



#2 Decachlorobiphenyl

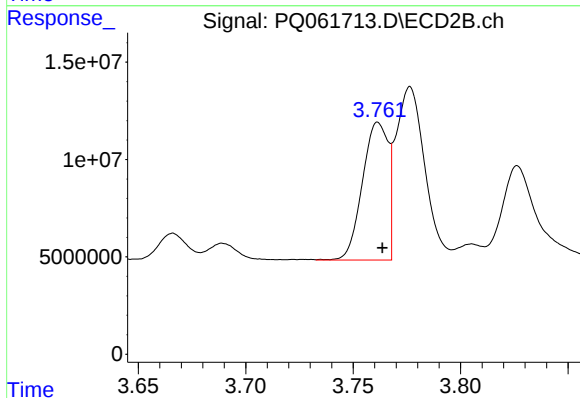
R.T.: 7.531 min
Delta R.T.: -0.003 min
Response: 56560868
Conc: 16.85 ng/ml



#3 AR-1016-1

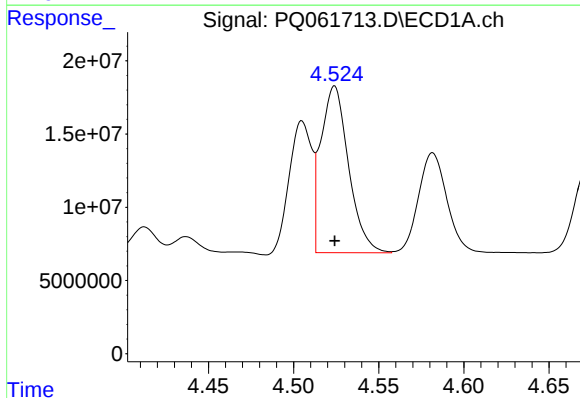
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 82211774
Conc: 534.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



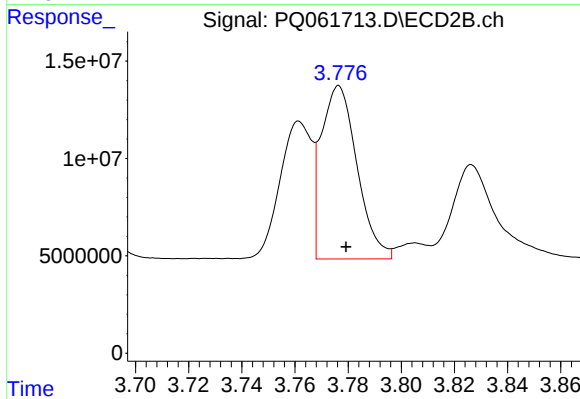
#3 AR-1016-1

R.T.: 3.761 min
Delta R.T.: -0.002 min
Response: 58687307
Conc: 569.00 ng/ml



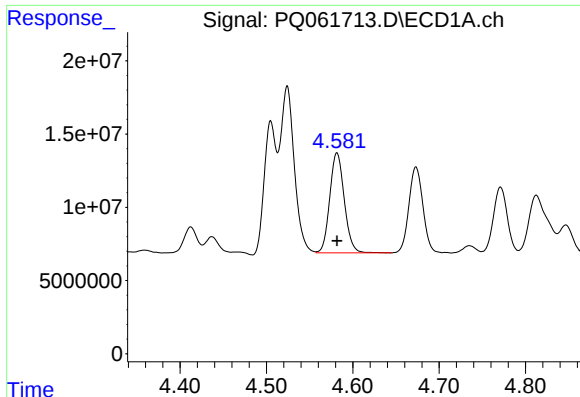
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 129041421
Conc: 565.56 ng/ml



#4 AR-1016-2

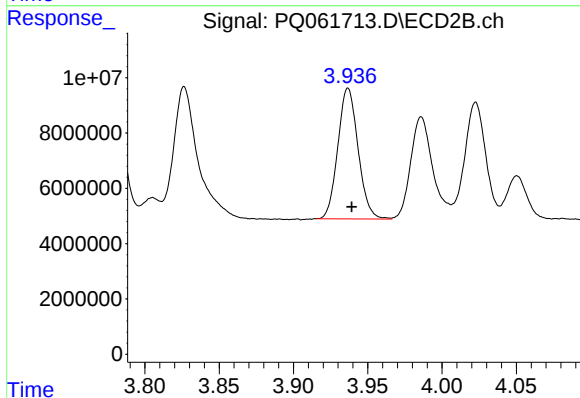
R.T.: 3.777 min
Delta R.T.: -0.003 min
Response: 83345204
Conc: 559.42 ng/ml



#5 AR-1016-3

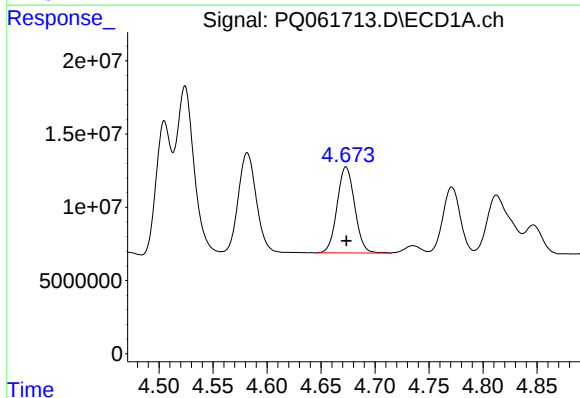
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 79474672
Conc: 559.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



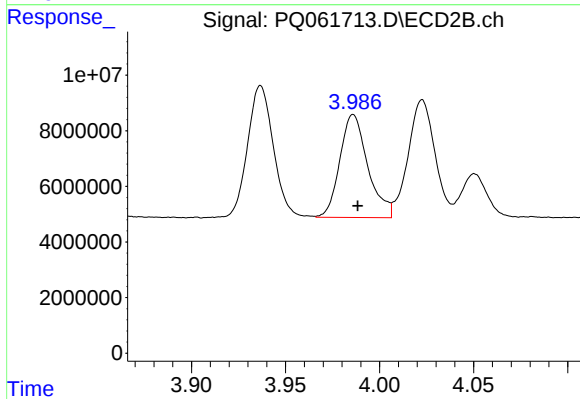
#5 AR-1016-3

R.T.: 3.937 min
Delta R.T.: -0.002 min
Response: 44926560
Conc: 568.51 ng/ml



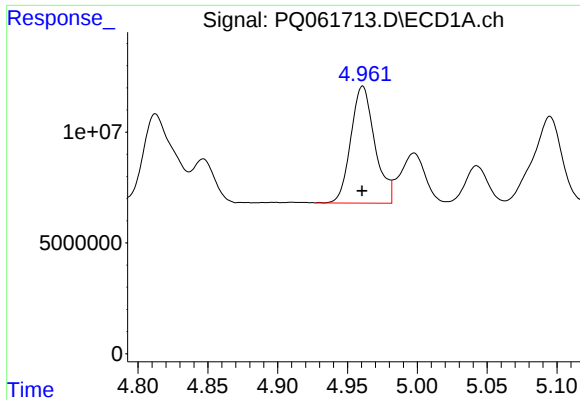
#6 AR-1016-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 66552959
Conc: 578.03 ng/ml



#6 AR-1016-4

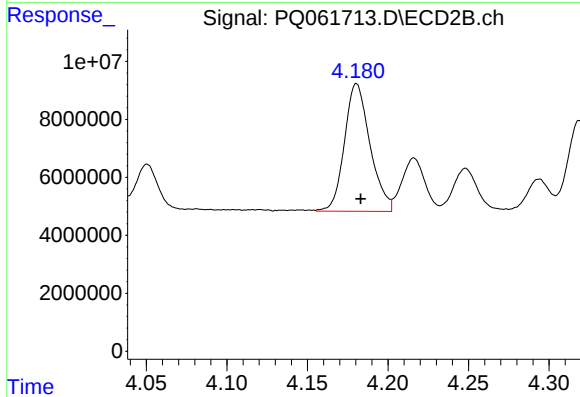
R.T.: 3.986 min
Delta R.T.: -0.002 min
Response: 38370449
Conc: 540.37 ng/ml



#7 AR-1016-5

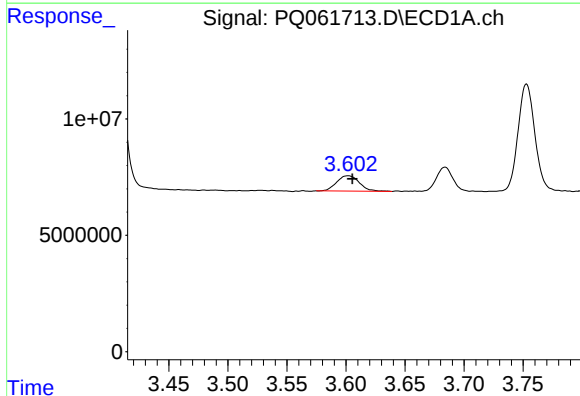
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 63080757
Conc: 545.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



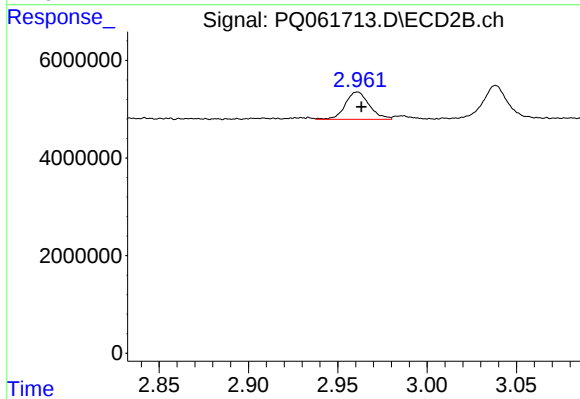
#7 AR-1016-5

R.T.: 4.181 min
Delta R.T.: -0.002 min
Response: 48679840
Conc: 568.60 ng/ml



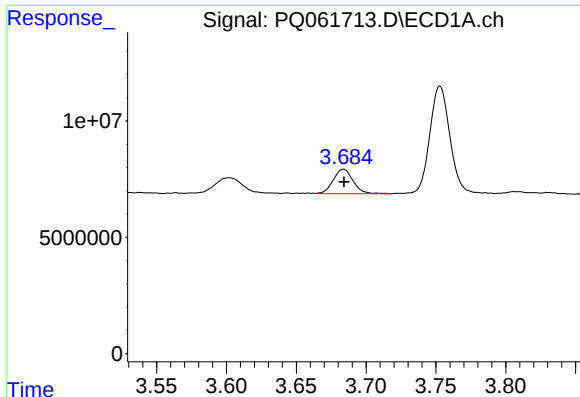
#8 AR-1221-1

R.T.: 3.602 min
Delta R.T.: -0.004 min
Response: 8794912
Conc: 156.74 ng/ml



#8 AR-1221-1

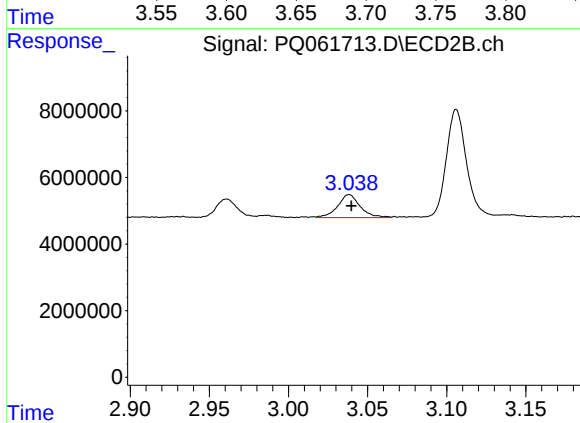
R.T.: 2.961 min
Delta R.T.: -0.002 min
Response: 5242911
Conc: 147.25 ng/ml



#9 AR-1221-2

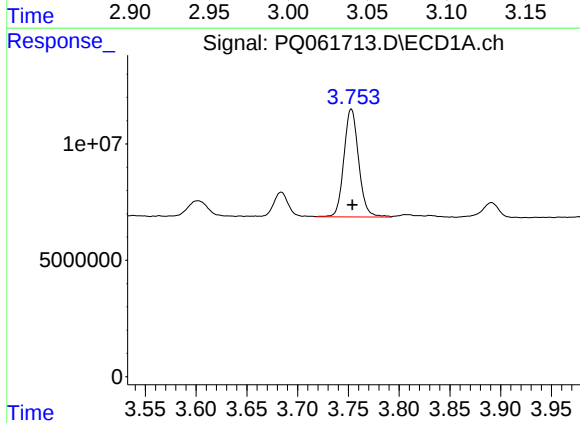
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 10373204
Conc: 245.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



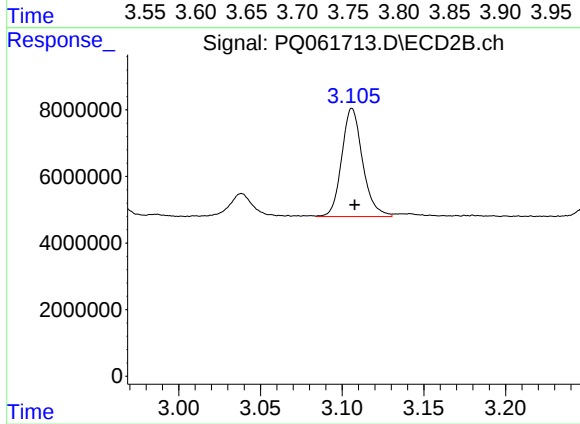
#9 AR-1221-2

R.T.: 3.039 min
Delta R.T.: -0.001 min
Response: 6877811
Conc: 249.72 ng/ml



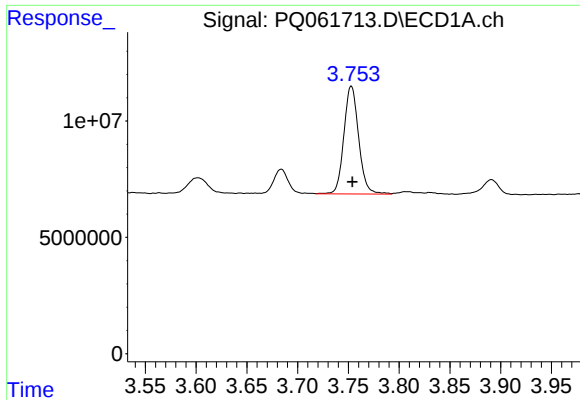
#10 AR-1221-3

R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 47024077
Conc: 358.74 ng/ml



#10 AR-1221-3

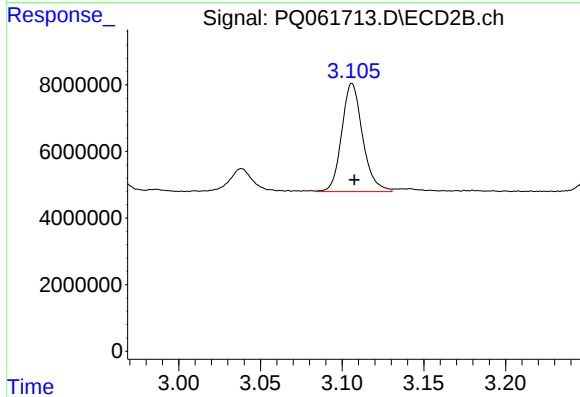
R.T.: 3.106 min
Delta R.T.: -0.002 min
Response: 28984792
Conc: 342.04 ng/ml



#11 AR-1232-1

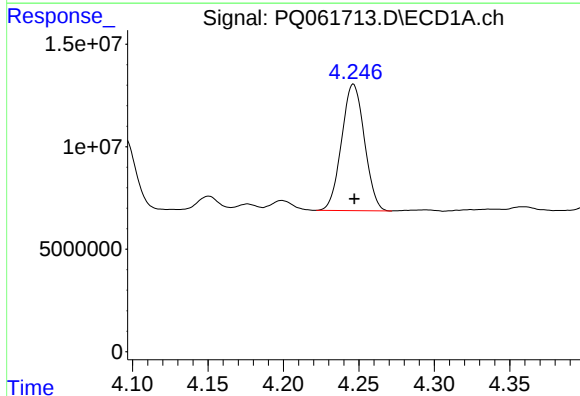
R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 47024077
Conc: 491.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



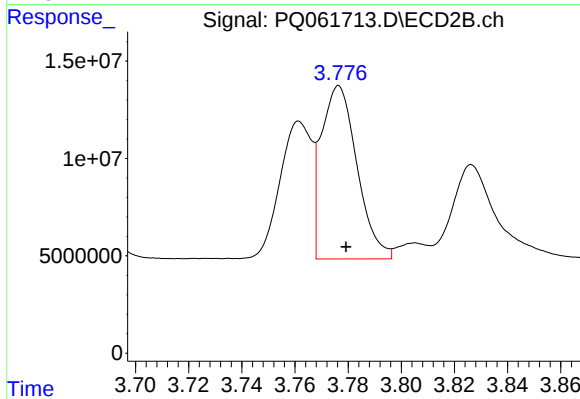
#11 AR-1232-1

R.T.: 3.106 min
Delta R.T.: -0.002 min
Response: 28984792
Conc: 470.66 ng/ml



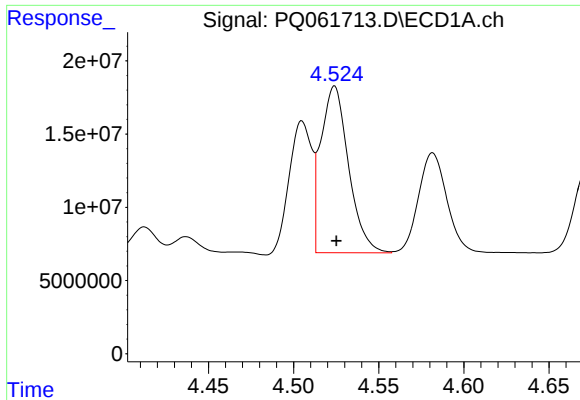
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 65041294
Conc: 1183.95 ng/ml



#12 AR-1232-2

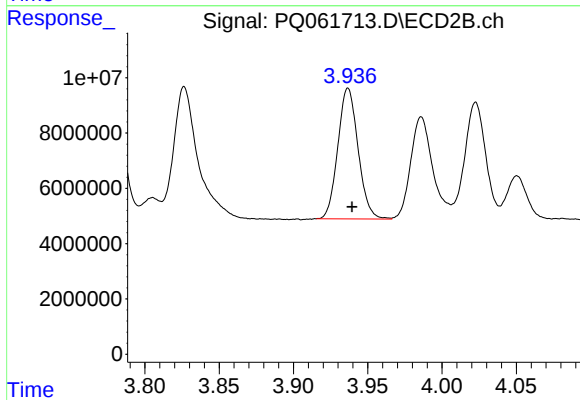
R.T.: 3.777 min
Delta R.T.: -0.003 min
Response: 83345204
Conc: 1209.69 ng/ml



#13 AR-1232-3

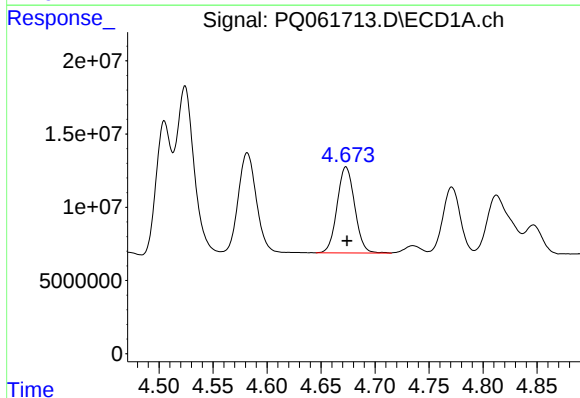
R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 129041421
Conc: 1235.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



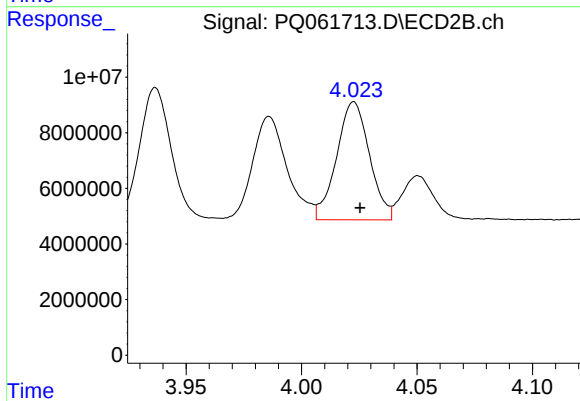
#13 AR-1232-3

R.T.: 3.937 min
Delta R.T.: -0.003 min
Response: 44926560
Conc: 1242.43 ng/ml



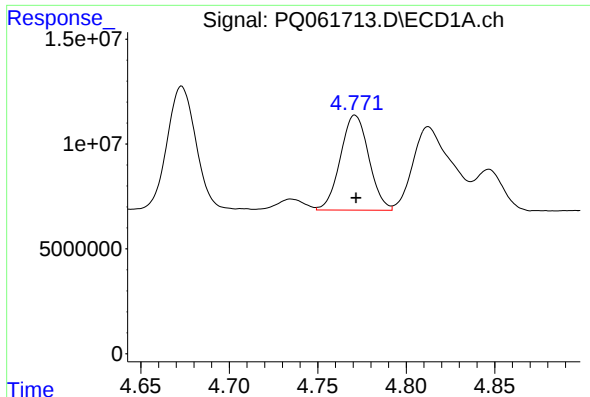
#14 AR-1232-4

R.T.: 4.673 min
Delta R.T.: -0.001 min
Response: 66552959
Conc: 1254.35 ng/ml



#14 AR-1232-4

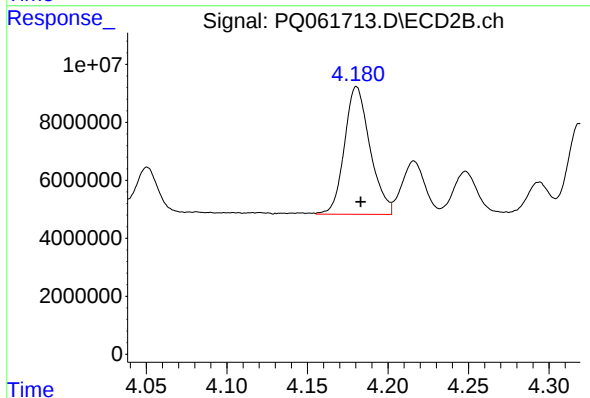
R.T.: 4.023 min
Delta R.T.: -0.003 min
Response: 42096631
Conc: 1306.10 ng/ml



#15 AR-1232-5

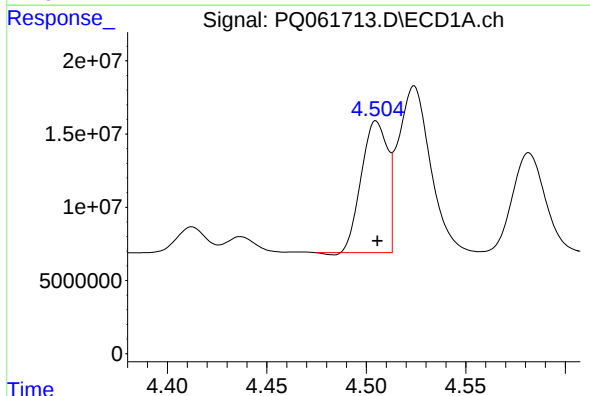
R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 50683935
Conc: 1343.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



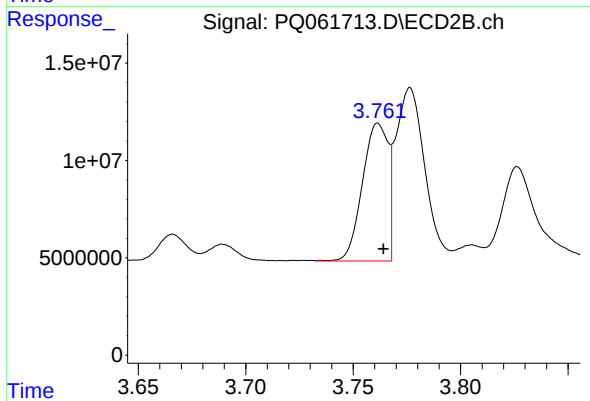
#15 AR-1232-5

R.T.: 4.181 min
Delta R.T.: -0.003 min
Response: 48679840
Conc: 1270.21 ng/ml



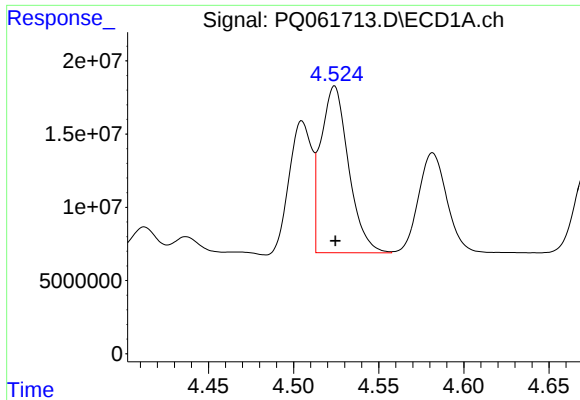
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 82211774
Conc: 724.53 ng/ml



#16 AR-1242-1

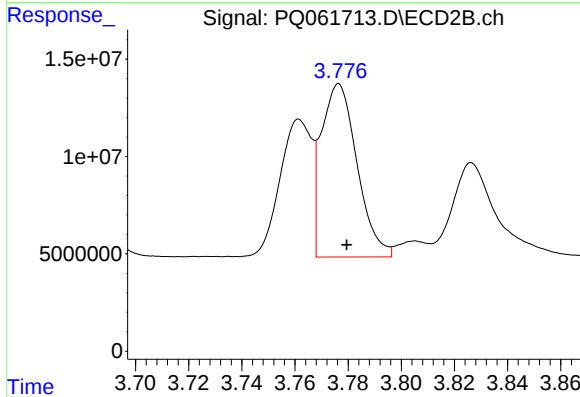
R.T.: 3.761 min
Delta R.T.: -0.003 min
Response: 58687307
Conc: 766.26 ng/ml



#17 AR-1242-2

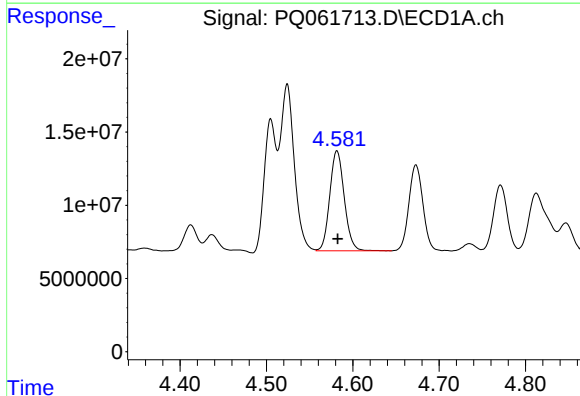
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 129041421
Conc: 759.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



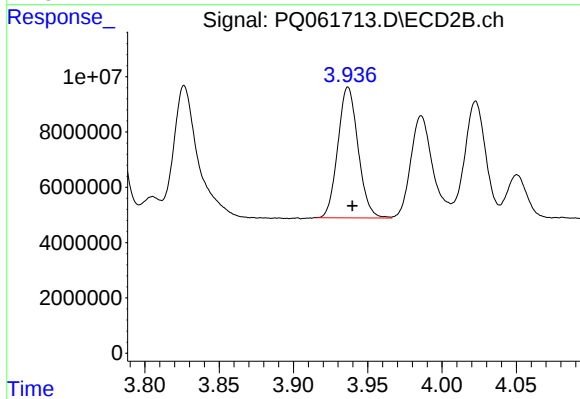
#17 AR-1242-2

R.T.: 3.777 min
Delta R.T.: -0.003 min
Response: 83345204
Conc: 752.05 ng/ml



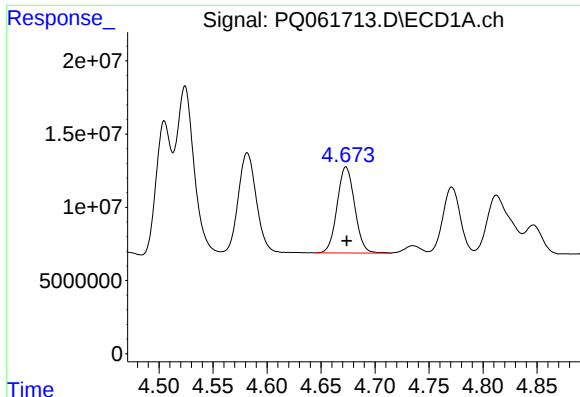
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 79474672
Conc: 742.89 ng/ml



#18 AR-1242-3

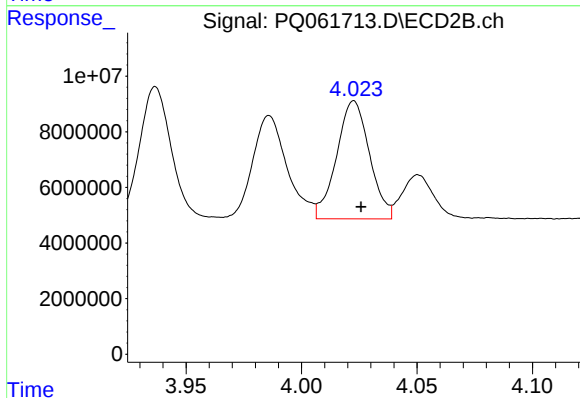
R.T.: 3.937 min
Delta R.T.: -0.003 min
Response: 44926560
Conc: 759.12 ng/ml



#19 AR-1242-4

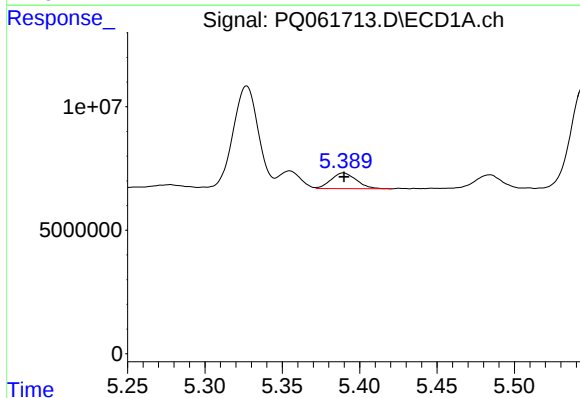
R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 66552959
Conc: 766.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



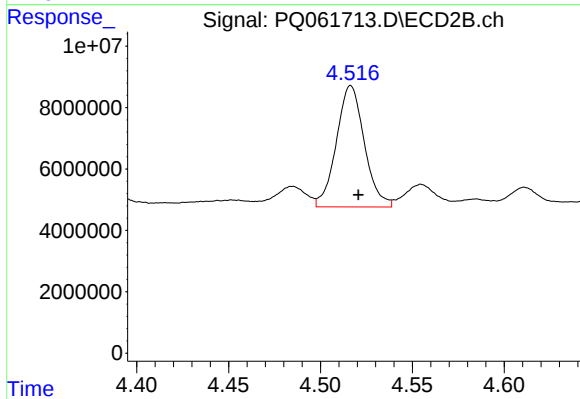
#19 AR-1242-4

R.T.: 4.023 min
Delta R.T.: -0.003 min
Response: 42096631
Conc: 702.95 ng/ml



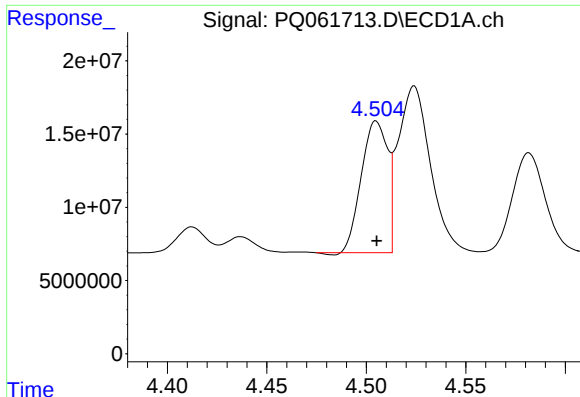
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 7236447
Conc: 81.59 ng/ml



#20 AR-1242-5

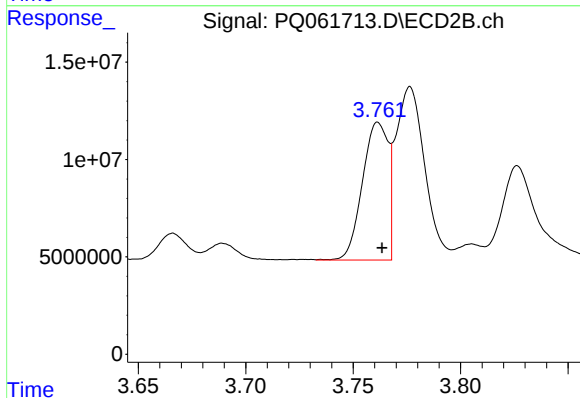
R.T.: 4.517 min
Delta R.T.: -0.004 min
Response: 41883269
Conc: 523.08 ng/ml



#21 AR-1248-1

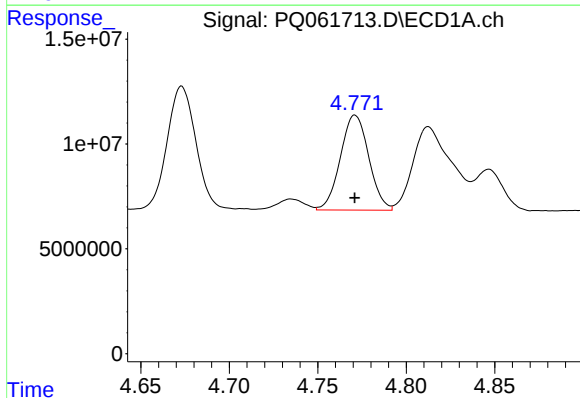
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 82211774
Conc: 912.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



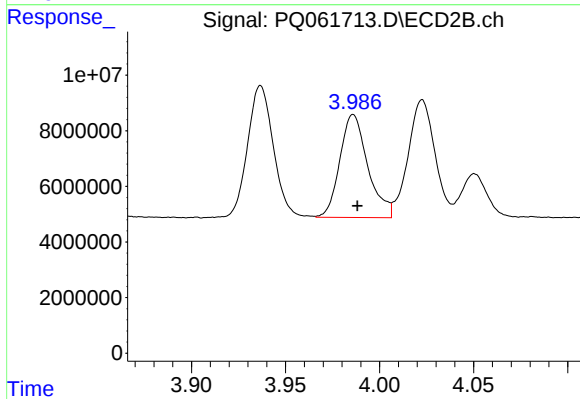
#21 AR-1248-1

R.T.: 3.761 min
Delta R.T.: -0.002 min
Response: 58687307
Conc: 942.99 ng/ml



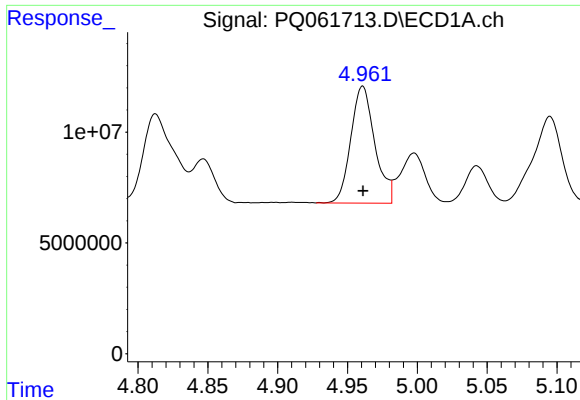
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 50683935
Conc: 398.69 ng/ml



#22 AR-1248-2

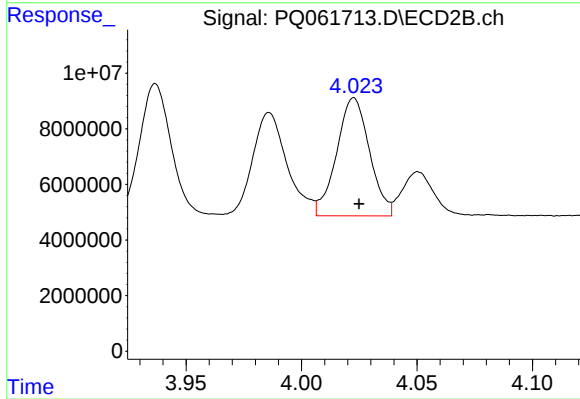
R.T.: 3.986 min
Delta R.T.: -0.002 min
Response: 38370449
Conc: 396.98 ng/ml



#23 AR-1248-3

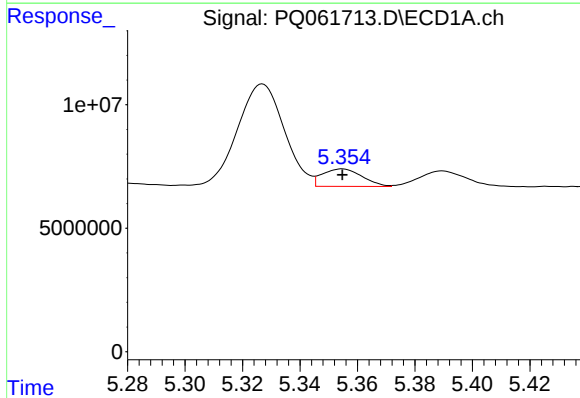
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 63080757
Conc: 409.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



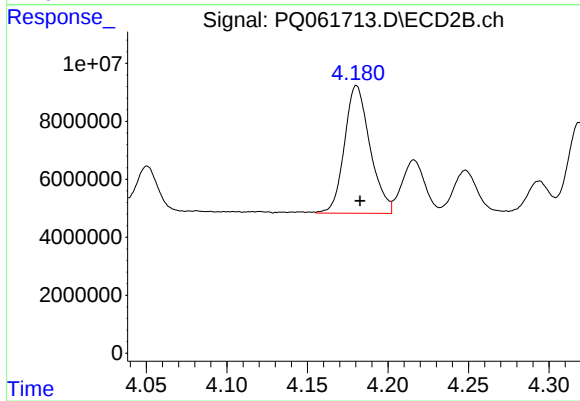
#23 AR-1248-3

R.T.: 4.023 min
Delta R.T.: -0.002 min
Response: 42096631
Conc: 460.51 ng/ml



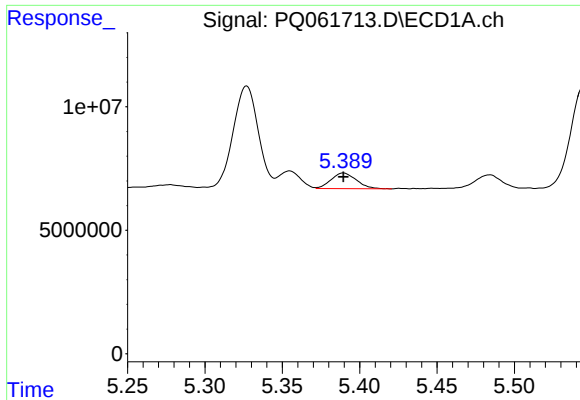
#24 AR-1248-4

R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 6795296
Conc: 40.03 ng/ml



#24 AR-1248-4

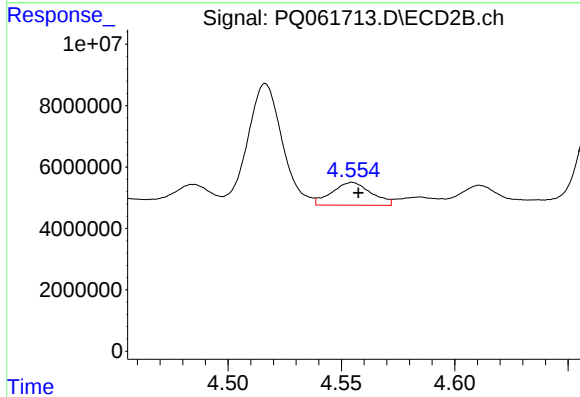
R.T.: 4.181 min
Delta R.T.: -0.002 min
Response: 48679840
Conc: 429.92 ng/ml



#25 AR-1248-5

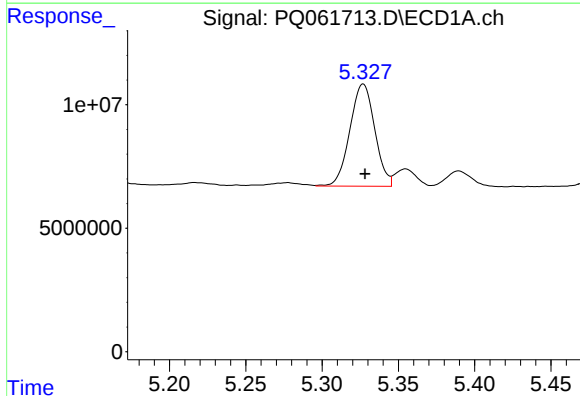
R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 7236447
Conc: 44.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



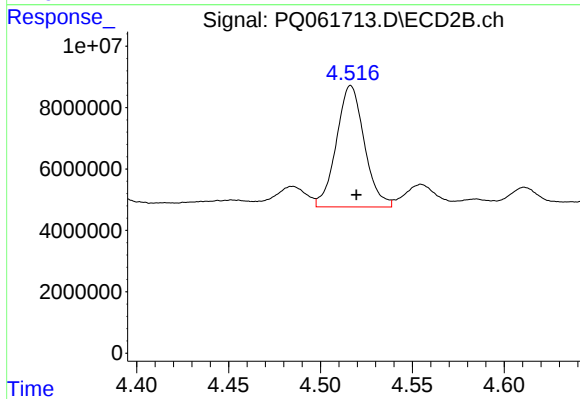
#25 AR-1248-5

R.T.: 4.555 min
Delta R.T.: -0.003 min
Response: 9006687
Conc: 81.78 ng/ml



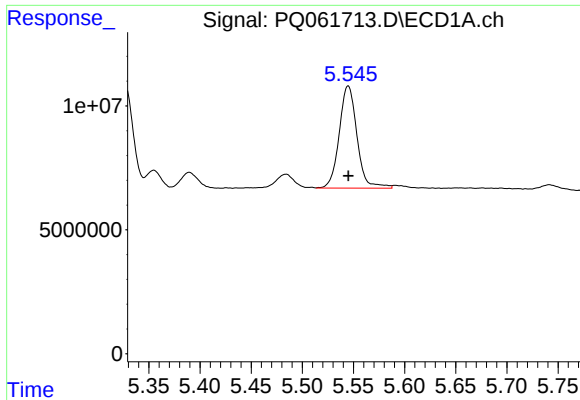
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: -0.001 min
Response: 46957354
Conc: 274.92 ng/ml



#26 AR-1254-1

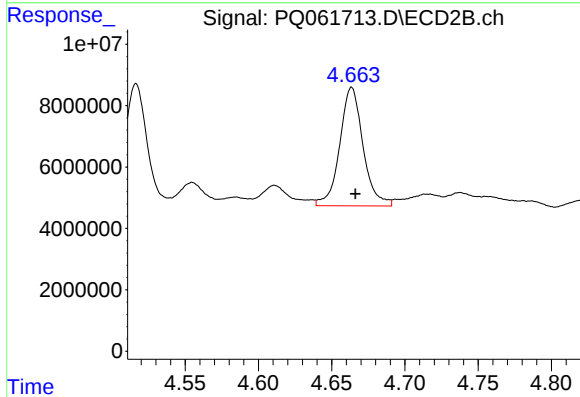
R.T.: 4.517 min
Delta R.T.: -0.003 min
Response: 41883269
Conc: 254.69 ng/ml



#27 AR-1254-2

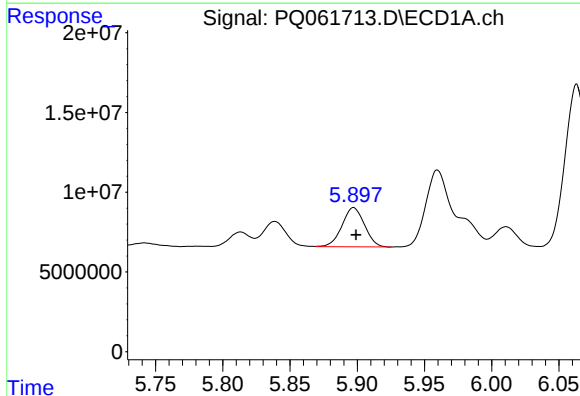
R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 49957849
Conc: 186.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



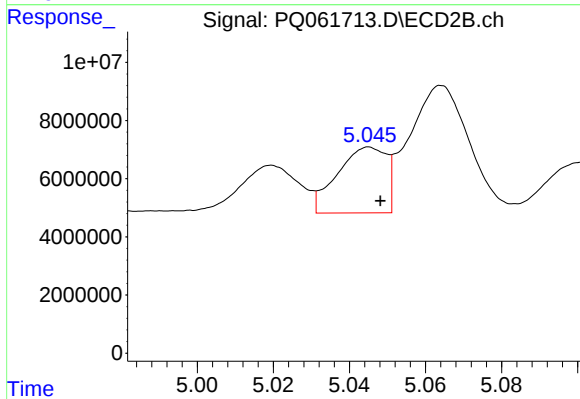
#27 AR-1254-2

R.T.: 4.664 min
Delta R.T.: -0.003 min
Response: 42797719
Conc: 284.55 ng/ml



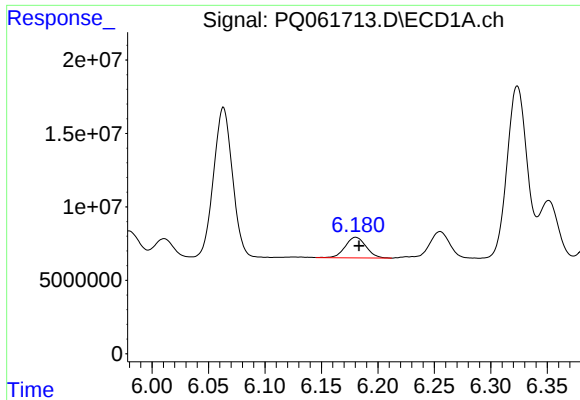
#28 AR-1254-3

R.T.: 5.897 min
Delta R.T.: -0.002 min
Response: 28690897
Conc: 102.67 ng/ml



#28 AR-1254-3

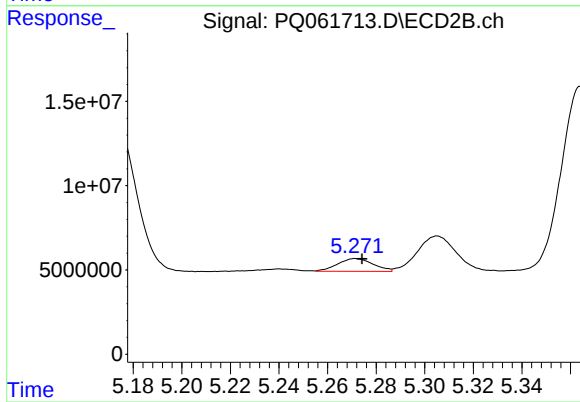
R.T.: 5.045 min
Delta R.T.: -0.003 min
Response: 20156403
Conc: 86.62 ng/ml



#29 AR-1254-4

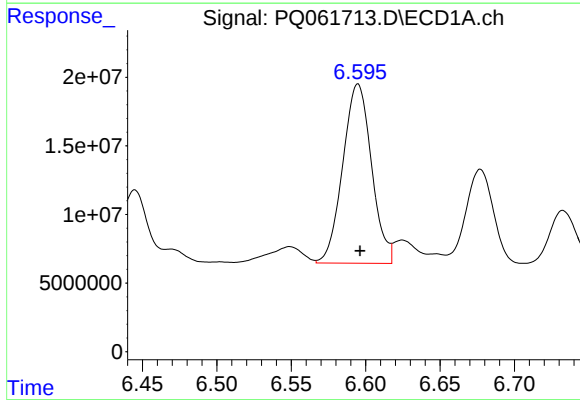
R.T.: 6.180 min
Delta R.T.: -0.003 min
Response: 18069708
Conc: 88.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



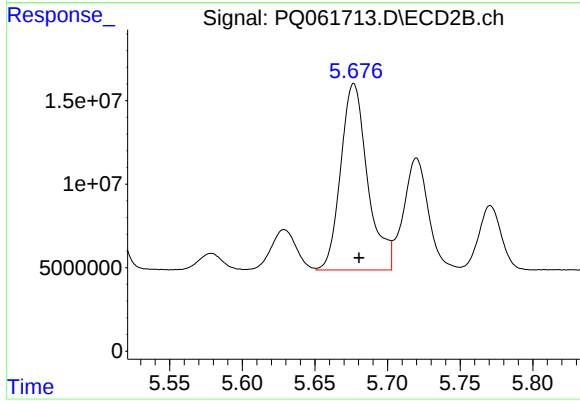
#29 AR-1254-4

R.T.: 5.272 min
Delta R.T.: -0.003 min
Response: 7708122
Conc: 53.65 ng/ml



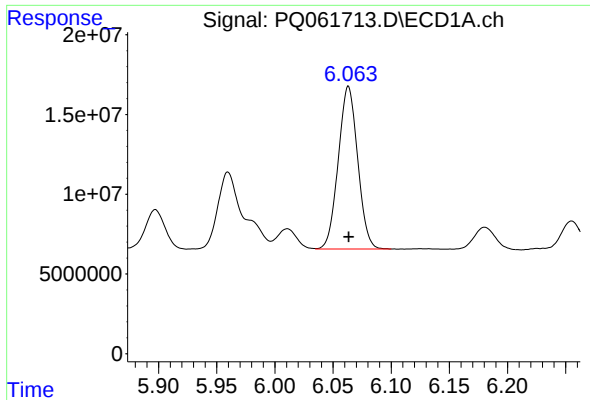
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: -0.001 min
Response: 175691285
Conc: 744.82 ng/ml



#30 AR-1254-5

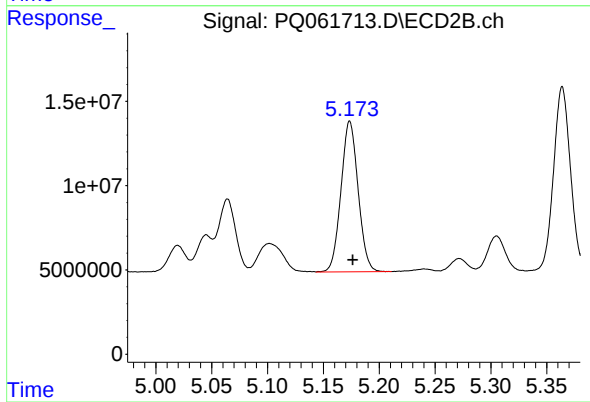
R.T.: 5.677 min
Delta R.T.: -0.004 min
Response: 143819027
Conc: 630.48 ng/ml



#31 AR-1260-1

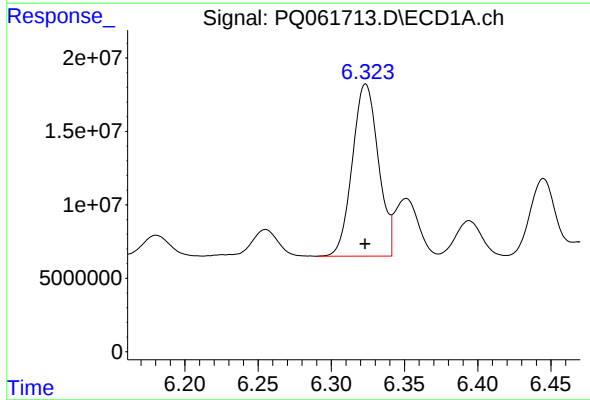
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 118641512
Conc: 534.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



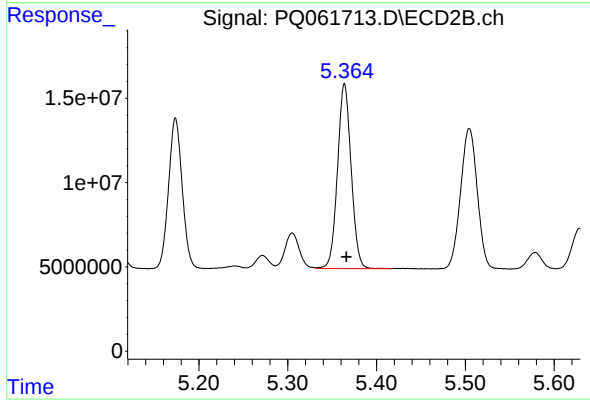
#31 AR-1260-1

R.T.: 5.174 min
Delta R.T.: -0.003 min
Response: 95548368
Conc: 555.48 ng/ml



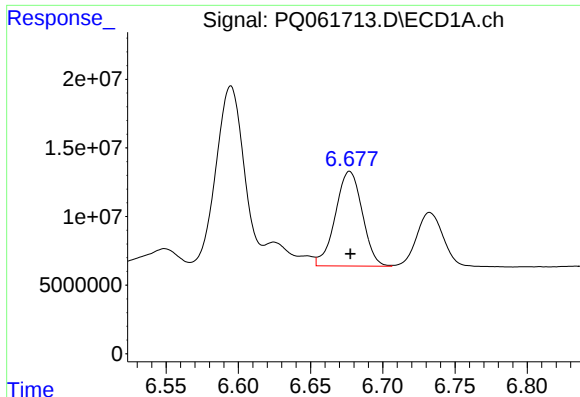
#32 AR-1260-2

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 145057599
Conc: 545.24 ng/ml



#32 AR-1260-2

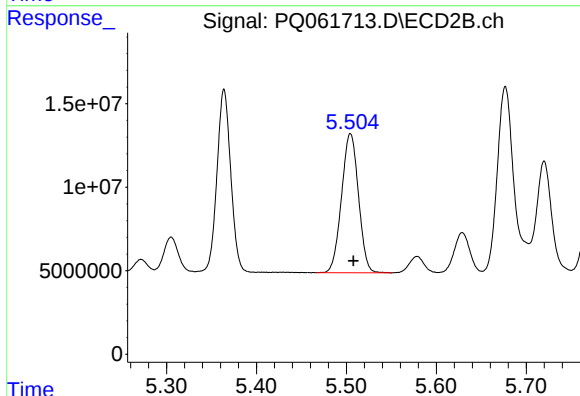
R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 117001132
Conc: 564.59 ng/ml



#33 AR-1260-3

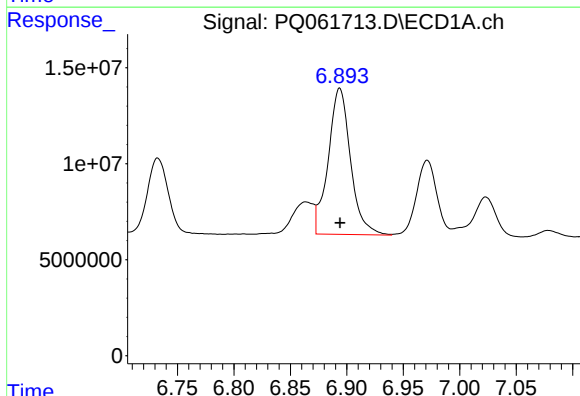
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 89361724
Conc: 531.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



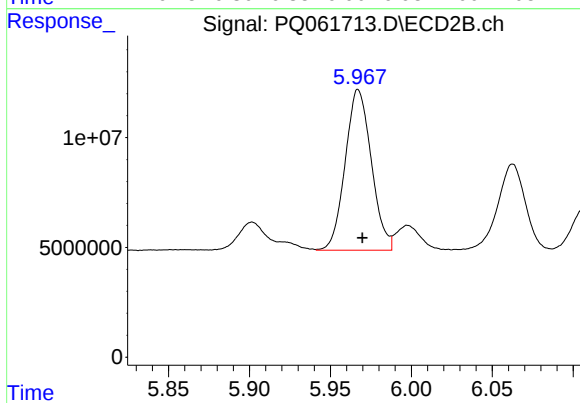
#33 AR-1260-3

R.T.: 5.505 min
Delta R.T.: -0.003 min
Response: 109018556
Conc: 548.90 ng/ml



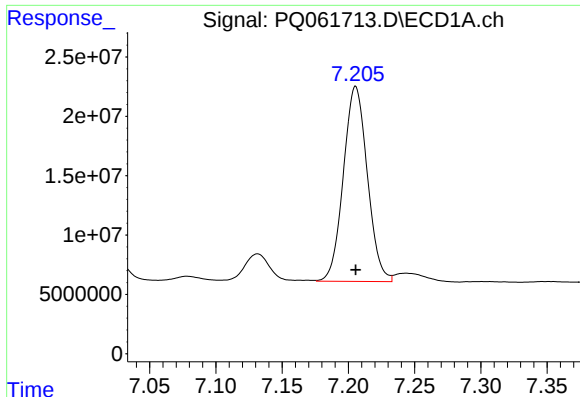
#34 AR-1260-4

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 104811545
Conc: 522.24 ng/ml



#34 AR-1260-4

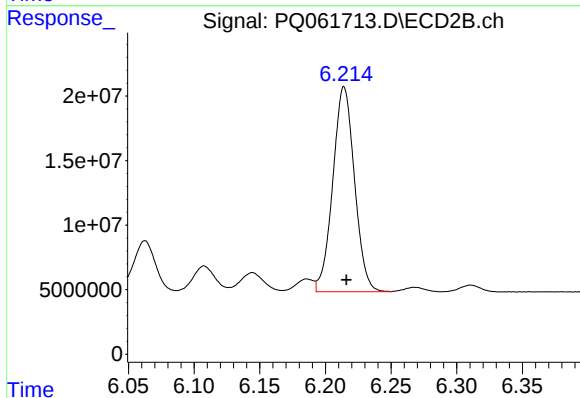
R.T.: 5.967 min
Delta R.T.: -0.003 min
Response: 82316674
Conc: 559.58 ng/ml



#35 AR-1260-5

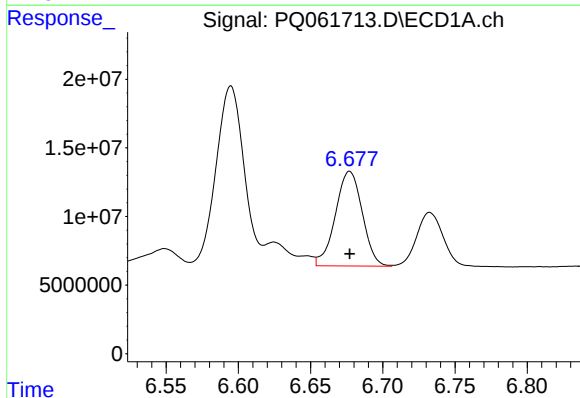
R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 207275673
Conc: 544.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



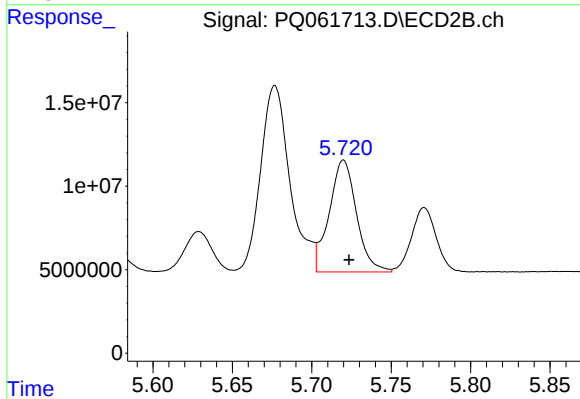
#35 AR-1260-5

R.T.: 6.214 min
Delta R.T.: -0.002 min
Response: 182835703
Conc: 563.07 ng/ml



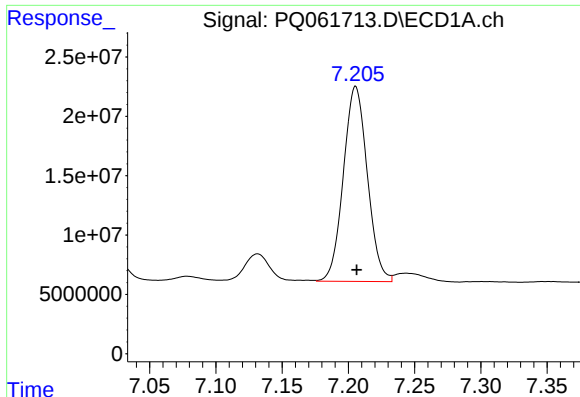
#36 AR-1262-1

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 89361724
Conc: 298.47 ng/ml



#36 AR-1262-1

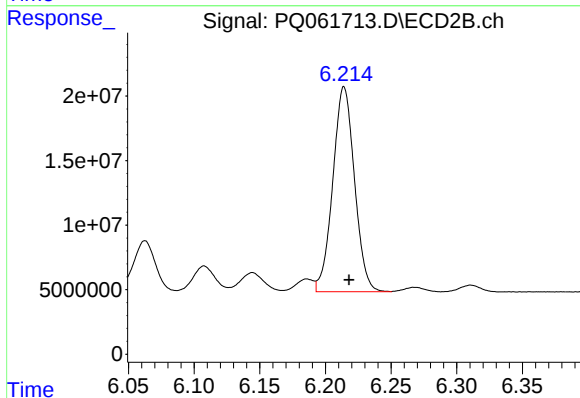
R.T.: 5.720 min
Delta R.T.: -0.004 min
Response: 80457553
Conc: 331.99 ng/ml



#37 AR-1262-2

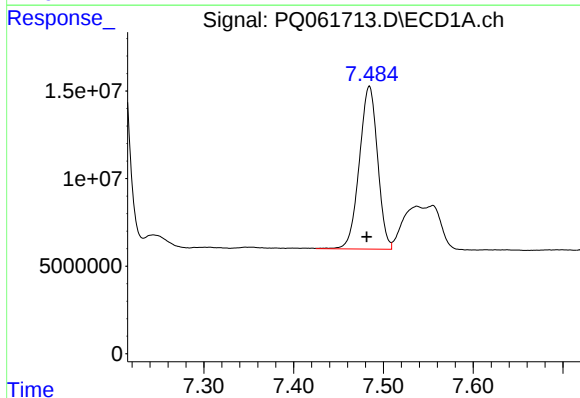
R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 207275673
Conc: 411.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



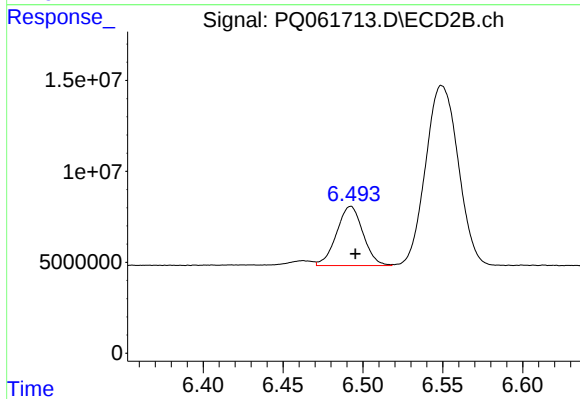
#37 AR-1262-2

R.T.: 6.214 min
Delta R.T.: -0.004 min
Response: 182835703
Conc: 418.34 ng/ml



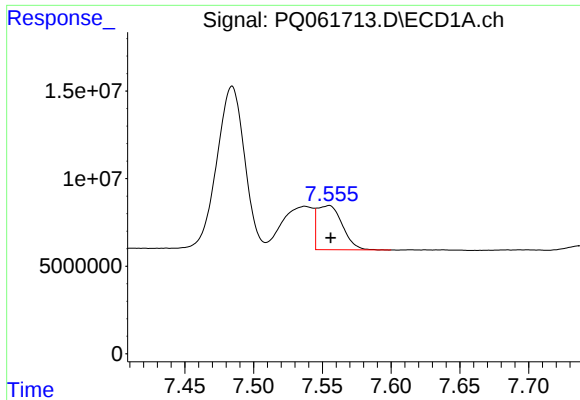
#38 AR-1262-3

R.T.: 7.484 min
Delta R.T.: 0.003 min
Response: 131137801
Conc: 388.04 ng/ml



#38 AR-1262-3

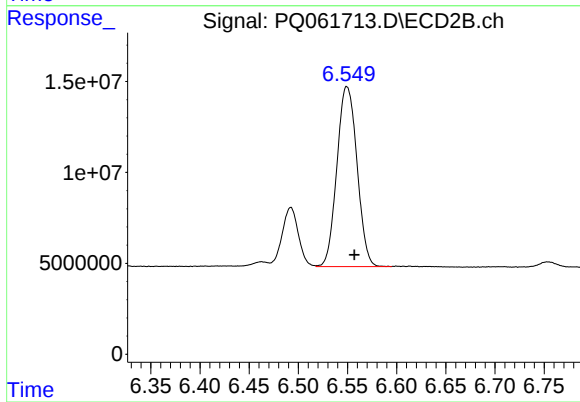
R.T.: 6.492 min
Delta R.T.: -0.003 min
Response: 37477795
Conc: 207.96 ng/ml



#39 AR-1262-4

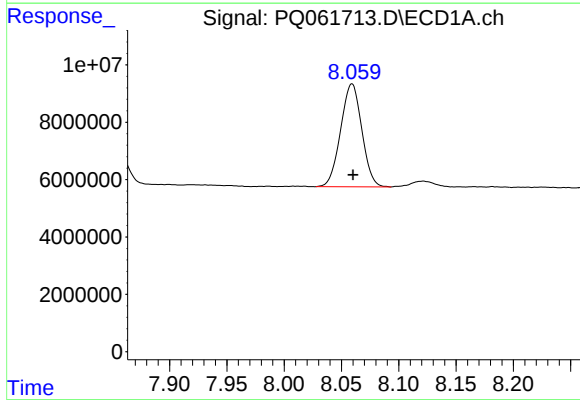
R.T.: 7.555 min
Delta R.T.: -0.001 min
Response: 32063918
Conc: 124.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



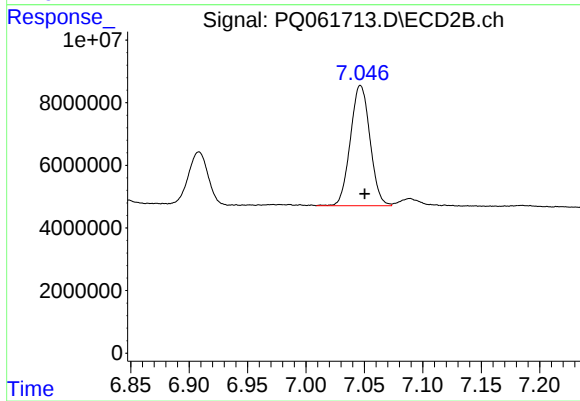
#39 AR-1262-4

R.T.: 6.549 min
Delta R.T.: -0.008 min
Response: 140899486
Conc: 424.87 ng/ml



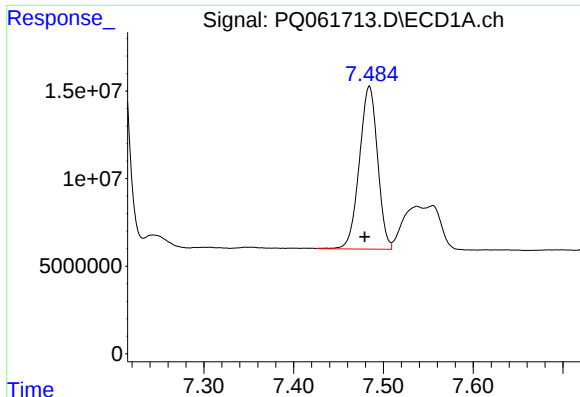
#40 AR-1262-5

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 46314367
Conc: 271.94 ng/ml



#40 AR-1262-5

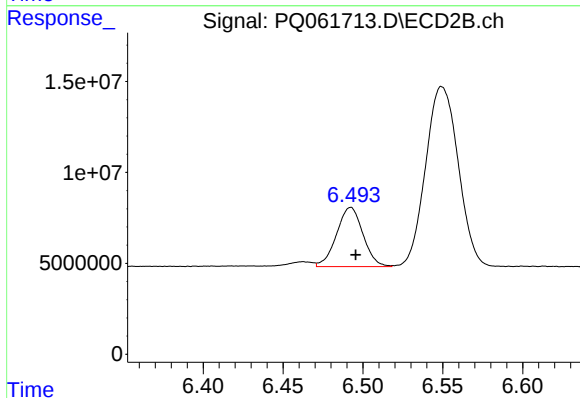
R.T.: 7.047 min
Delta R.T.: -0.004 min
Response: 44879066
Conc: 279.76 ng/ml



#41 AR-1268-1

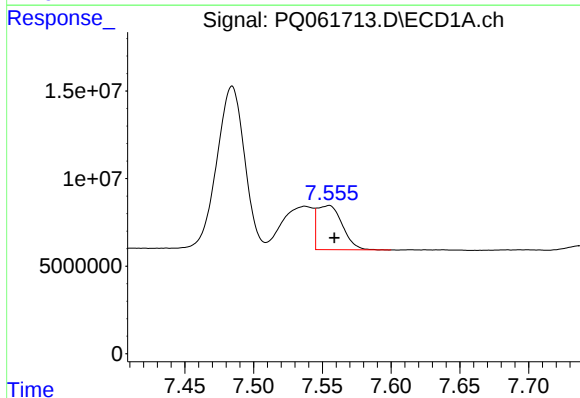
R.T.: 7.484 min
Delta R.T.: 0.005 min
Response: 131137801
Conc: 238.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



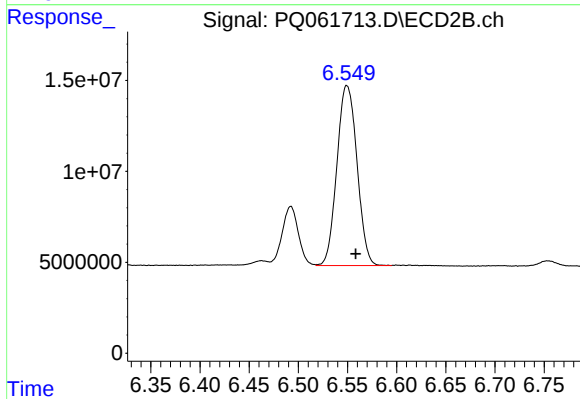
#41 AR-1268-1

R.T.: 6.492 min
Delta R.T.: -0.003 min
Response: 37477795
Conc: 76.28 ng/ml



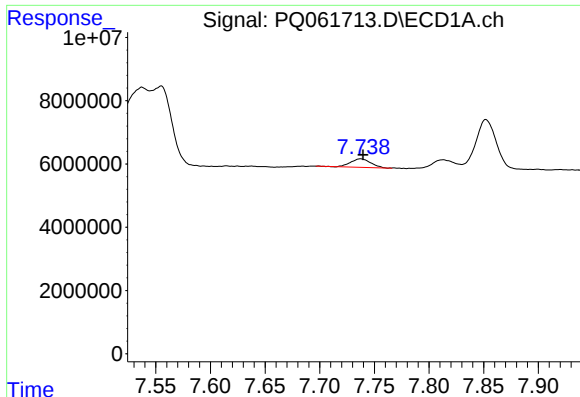
#42 AR-1268-2

R.T.: 7.555 min
Delta R.T.: -0.004 min
Response: 32063918
Conc: 65.07 ng/ml



#42 AR-1268-2

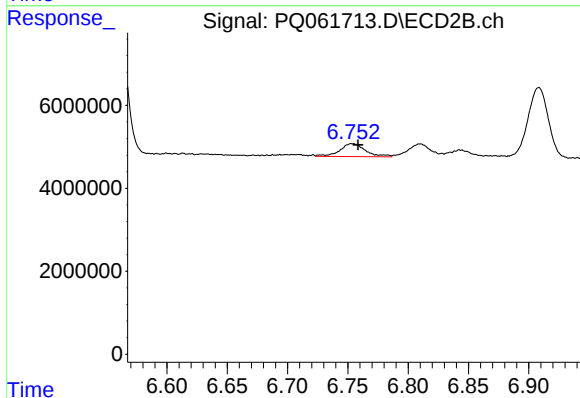
R.T.: 6.549 min
Delta R.T.: -0.009 min
Response: 140899486
Conc: 316.71 ng/ml



#43 AR-1268-3

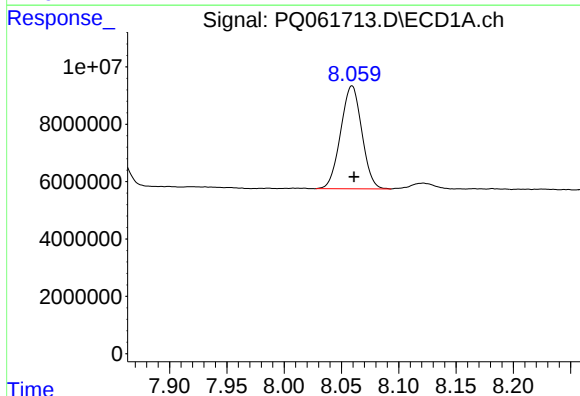
R.T.: 7.737 min
Delta R.T.: -0.002 min
Response: 3456559
Conc: 8.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



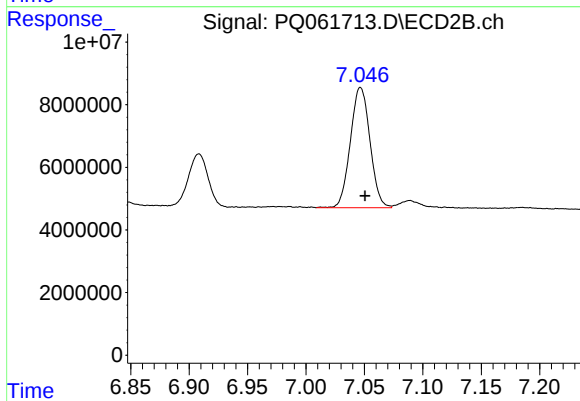
#43 AR-1268-3

R.T.: 6.754 min
Delta R.T.: -0.005 min
Response: 4660574
Conc: 11.90 ng/ml



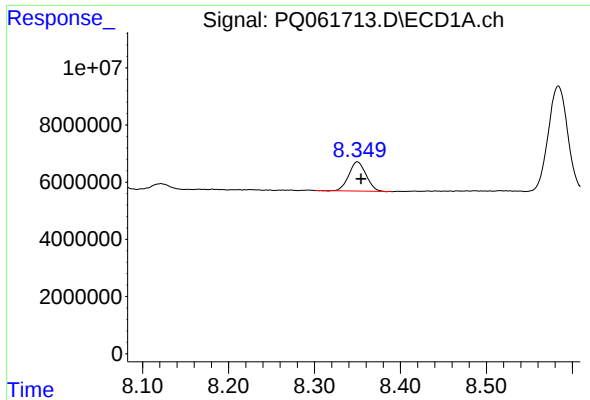
#44 AR-1268-4

R.T.: 8.059 min
Delta R.T.: -0.002 min
Response: 46314367
Conc: 261.65 ng/ml



#44 AR-1268-4

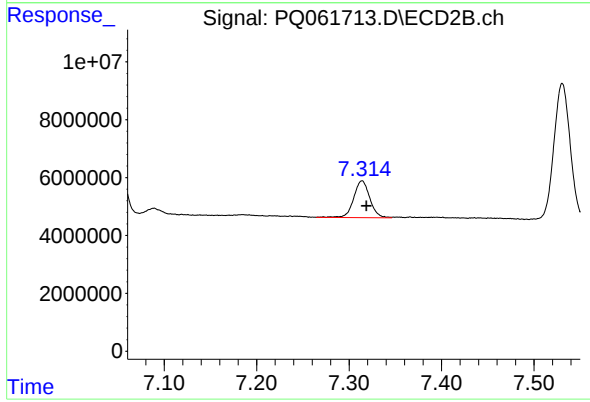
R.T.: 7.047 min
Delta R.T.: -0.004 min
Response: 44879066
Conc: 267.33 ng/ml



#45 AR-1268-5

R.T.: 8.350 min
Delta R.T.: -0.004 min
Response: 14295886
Conc: 12.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.314 min
Delta R.T.: -0.005 min
Response: 15459857
Conc: 12.47 ng/ml