

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090418\
 Data File : PQ031629.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Sep 2018 10:54
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 04 11:54:51 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 31 04:27:04 2018
 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...	4.606	3.879	67541150	51359192	46.286	45.075
2)	SA Decachlor...	10.466	8.963	101.0E6	94037637	47.101	44.872
Target Compounds							
3)	L1 AR-1016-1	5.319	4.563	18006116	14625152	461.081	455.862
4)	L1 AR-1016-2	5.515	4.980	18227266	21977619	454.425	438.277
5)	L1 AR-1016-3	5.783	4.999	26454659	31626843	430.599	438.863
6)	L1 AR-1016-4	5.869	5.056	24209753	21137790	448.664	475.339
7)	L1 AR-1016-5	6.263	5.434	21248555	17968078	467.460	448.021
8)	L2 AR-1221-1	4.814	4.095	2338983	1782639	133.622	128.857
9)	L2 AR-1221-2	4.904	4.184	3072826	2413093	235.097	221.580
10)	L2 AR-1221-3	4.981	4.261	12354609	9802111	287.636	282.434
11)	L3 AR-1232-1	5.805	4.759	38750869	15451637	1280.748	1224.972
12)	L3 AR-1232-2	5.969	4.872	19645695	4266043	1267.162	1189.814
13)	L3 AR-1232-3	6.140	5.259	6168899	17281168	1506.591	1401.860
14)	L3 AR-1232-4	6.474	5.584	6252227	20912760	1407.871	1385.406
15)	L3 AR-1232-5	7.337	0.000	2645379	0	994.963	N.D. #
16)	L4 AR-1242-1	5.349	4.583	11162979	8198313	610.530	586.105
17)	L4 AR-1242-2	6.102	5.178	18013814	17931555	585.261	624.885
18)	L4 AR-1242-3	6.305	5.291	11311812	5699147	701.640	593.119
19)	L4 AR-1242-4	6.348	5.658	9996787	5368953	736.045	610.425
20)	L4 AR-1242-5	6.405	6.030	23779368	1865572	606.392	81.558 #
21)	L5 AR-1248-1	6.056	5.216	17136197	14048544	302.110	297.550
22)	L5 AR-1248-2	6.640	5.786	20069135	20409534	337.871	218.966 #
23)	L5 AR-1248-3	6.667	5.828	7476040	4874209	93.841	76.256
24)	L5 AR-1248-4	6.707	6.030	6243736	1865572	82.035	32.416 #
25)	L5 AR-1248-5	6.858	6.354	17787160	36847821	347.686	797.845 #
26)	L6 AR-1254-1	6.858	5.933	17787160	14862756	122.624	148.890
27)	L6 AR-1254-2	7.142	6.251	3172878	2987563	35.287	34.071
28)	L6 AR-1254-3	7.227	6.569	8992202	2780420	54.868	24.063 #
29)	L6 AR-1254-4	7.513	6.895	6105603	4928610	49.930	59.355
30)	L6 AR-1254-5	7.776	6.987	26211002	64999914	276.212	390.950 #
31)	L7 AR-1260-1	7.390	6.470	48017376	45703792	437.023	452.503
32)	L7 AR-1260-2	7.646	6.656	58997144	57214005	445.294	442.861
33)	L7 AR-1260-3	7.932	6.814	71016683	53142328	450.029	441.937
34)	L7 AR-1260-4	8.239	7.286	51271225	45841921	438.438	443.317
35)	L7 AR-1260-5	8.571	7.525	108.1E6	114.9E6	454.973	451.159
36)	L8 AR-1262-1	7.284	6.354	25503683	36847821	442.783	734.296 #
37)	L8 AR-1262-2	8.064	7.077	22571116	22841906	422.189	419.709
38)	L8 AR-1262-3	8.325	7.384	24520676	26228533	400.847	422.936
39)	L8 AR-1262-4	8.970	7.810	39482532	22675249	308.410	216.503 #
40)	L8 AR-1262-5	9.678	8.382	28750517	27239880	298.207	287.905
41)	L9 AR-1268-1	8.006	7.024	43275469	46573369	815.249	864.923

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 Acq On : 04 Sep 2018 10:54
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

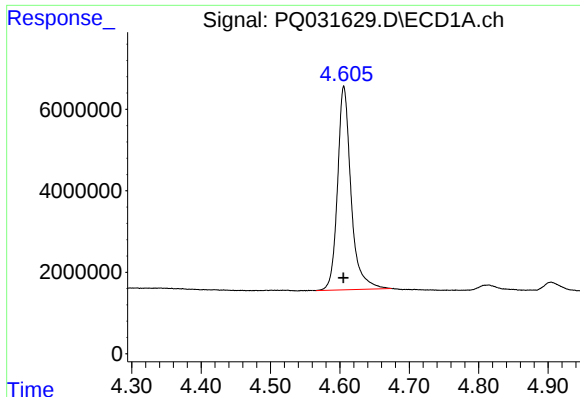
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 04 11:54:51 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090118.M
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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	8.239	7.875	51271225	81615195	734.604	269.996 #
43) L9	AR-1268-3	8.914	8.085	67987245	2175698	208.619	8.697 #
44) L9	AR-1268-4	9.229	8.178	2378166	2153468	9.510	32.008 #
45) L9	AR-1268-5	10.110	8.691	8230821	7000164	9.625	8.313

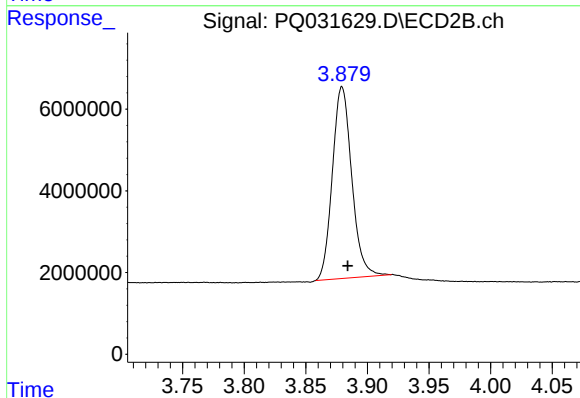
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

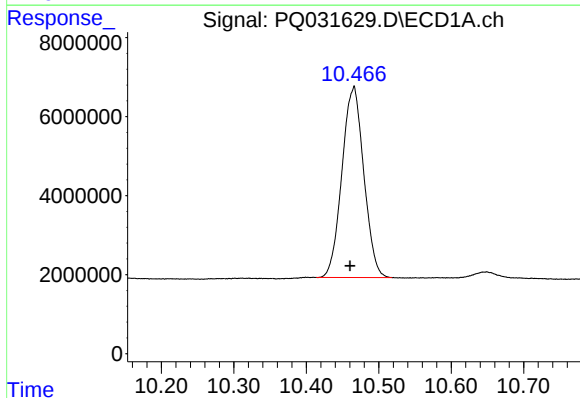
R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 67541150
Conc: 46.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



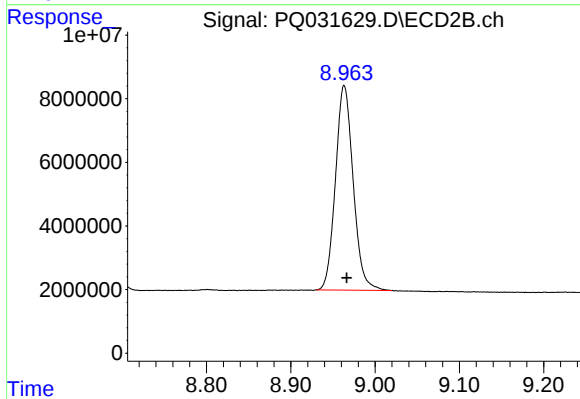
#1 Tetrachloro-m-xylene

R.T.: 3.879 min
Delta R.T.: -0.005 min
Response: 51359192
Conc: 45.08 ng/ml



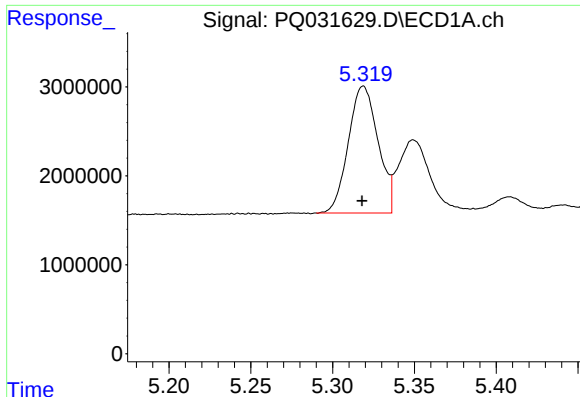
#2 Decachlorobiphenyl

R.T.: 10.466 min
Delta R.T.: 0.005 min
Response: 100995667
Conc: 47.10 ng/ml



#2 Decachlorobiphenyl

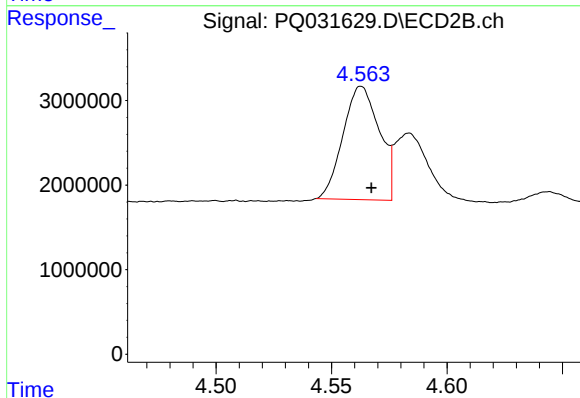
R.T.: 8.963 min
Delta R.T.: -0.003 min
Response: 94037637
Conc: 44.87 ng/ml



#3 AR-1016-1

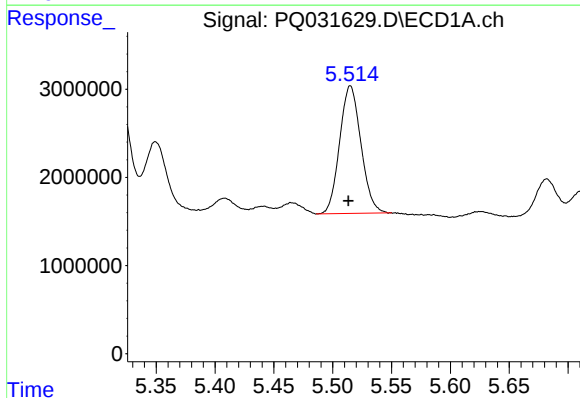
R.T.: 5.319 min
Delta R.T.: 0.000 min
Response: 18006116
Conc: 461.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



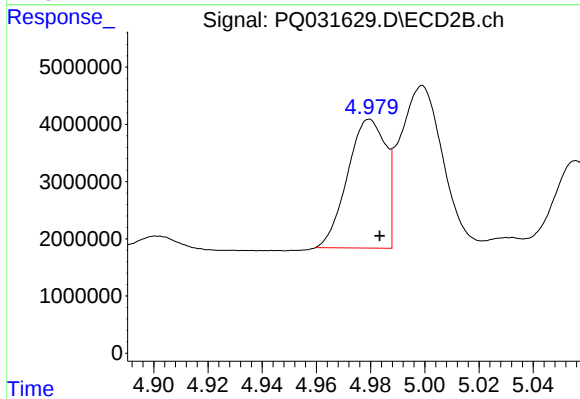
#3 AR-1016-1

R.T.: 4.563 min
Delta R.T.: -0.004 min
Response: 14625152
Conc: 455.86 ng/ml



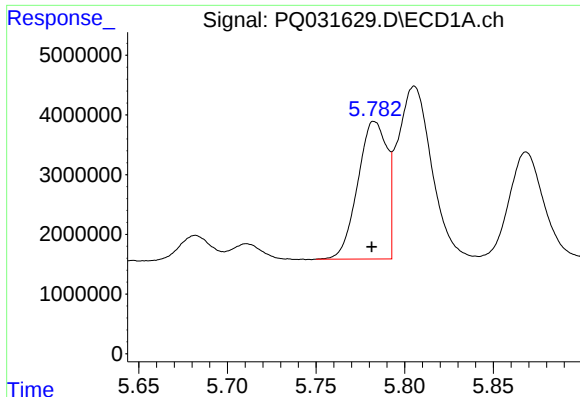
#4 AR-1016-2

R.T.: 5.515 min
Delta R.T.: 0.002 min
Response: 18227266
Conc: 454.42 ng/ml



#4 AR-1016-2

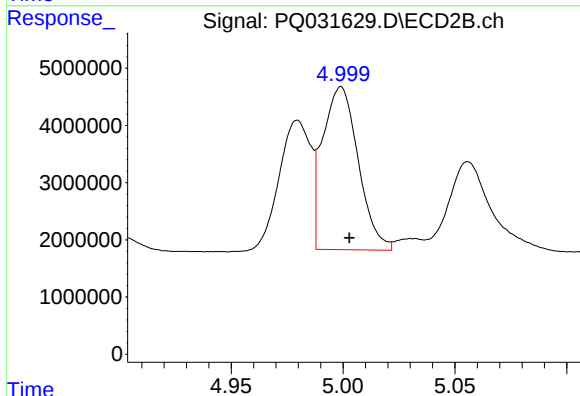
R.T.: 4.980 min
Delta R.T.: -0.004 min
Response: 21977619
Conc: 438.28 ng/ml



#5 AR-1016-3

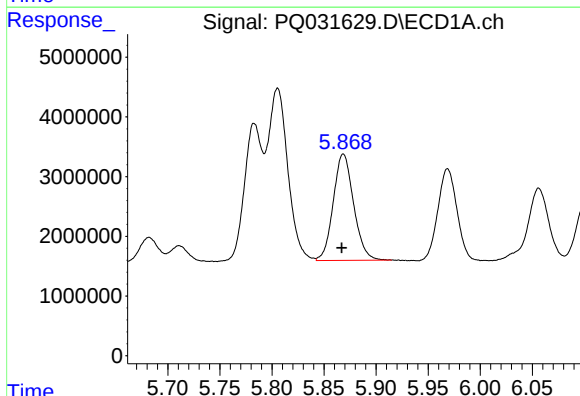
R.T.: 5.783 min
Delta R.T.: 0.002 min
Response: 26454659
Conc: 430.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



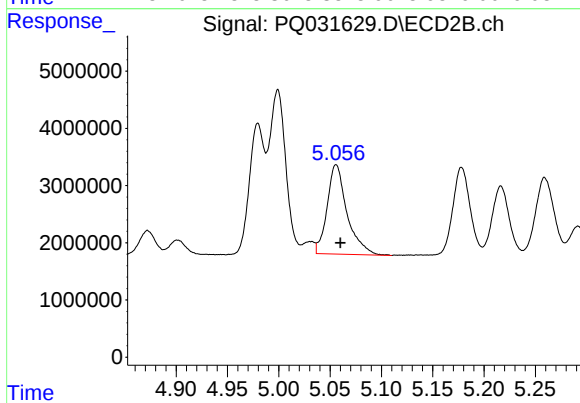
#5 AR-1016-3

R.T.: 4.999 min
Delta R.T.: -0.004 min
Response: 31626843
Conc: 438.86 ng/ml



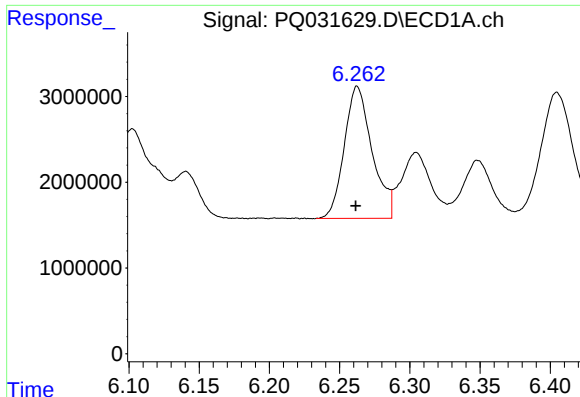
#6 AR-1016-4

R.T.: 5.869 min
Delta R.T.: 0.001 min
Response: 24209753
Conc: 448.66 ng/ml



#6 AR-1016-4

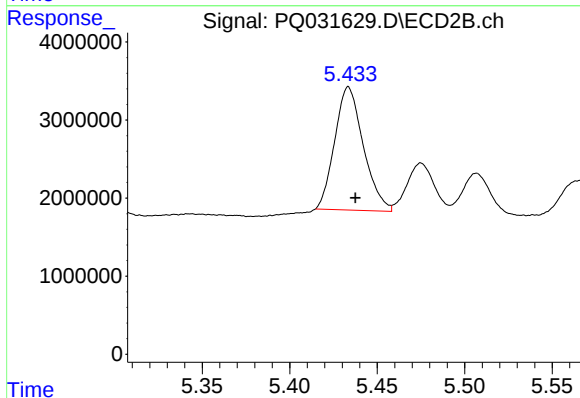
R.T.: 5.056 min
Delta R.T.: -0.004 min
Response: 21137790
Conc: 475.34 ng/ml



#7 AR-1016-5

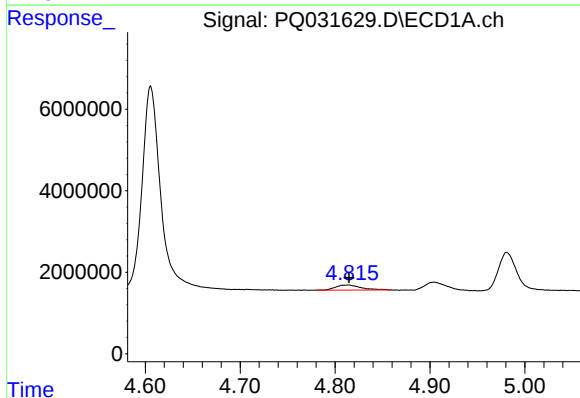
R.T.: 6.263 min
Delta R.T.: 0.001 min
Response: 21248555
Conc: 467.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



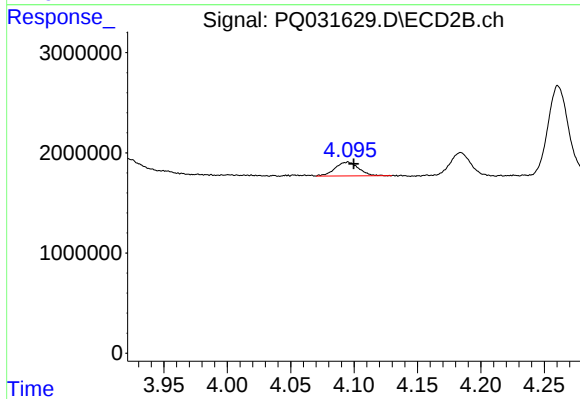
#7 AR-1016-5

R.T.: 5.434 min
Delta R.T.: -0.004 min
Response: 17968078
Conc: 448.02 ng/ml



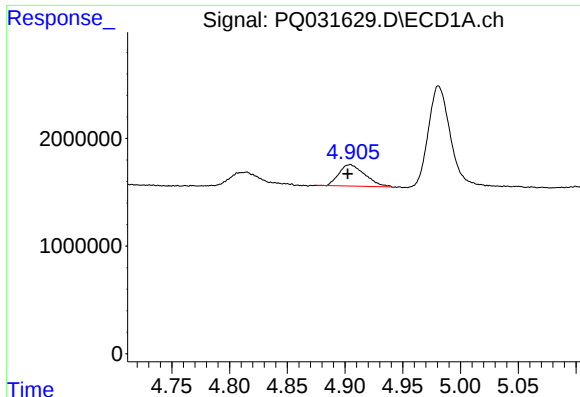
#8 AR-1221-1

R.T.: 4.814 min
Delta R.T.: 0.000 min
Response: 2338983
Conc: 133.62 ng/ml



#8 AR-1221-1

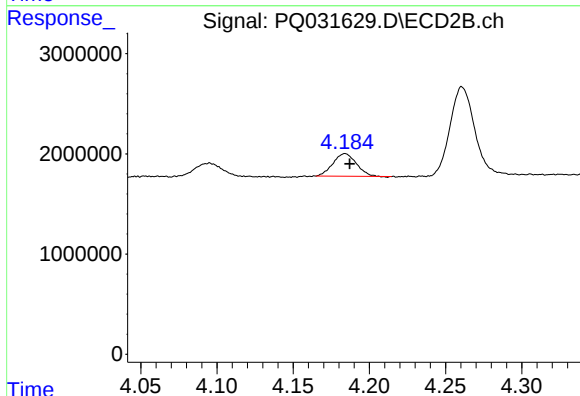
R.T.: 4.095 min
Delta R.T.: -0.005 min
Response: 1782639
Conc: 128.86 ng/ml



#9 AR-1221-2

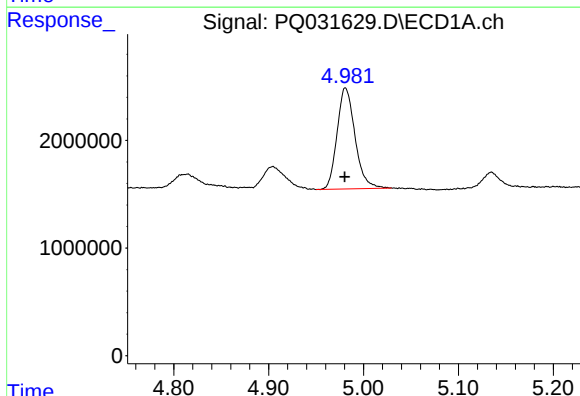
R.T.: 4.904 min
Delta R.T.: 0.002 min
Response: 3072826
Conc: 235.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



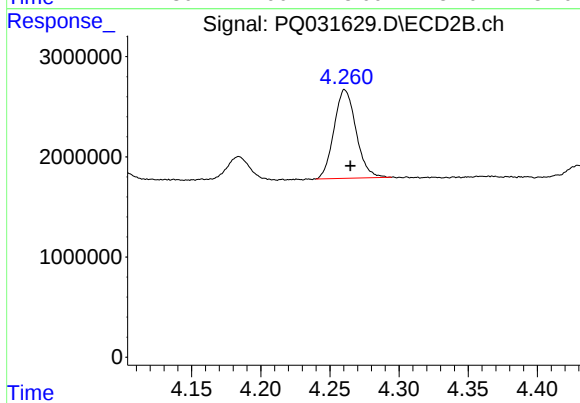
#9 AR-1221-2

R.T.: 4.184 min
Delta R.T.: -0.003 min
Response: 2413093
Conc: 221.58 ng/ml



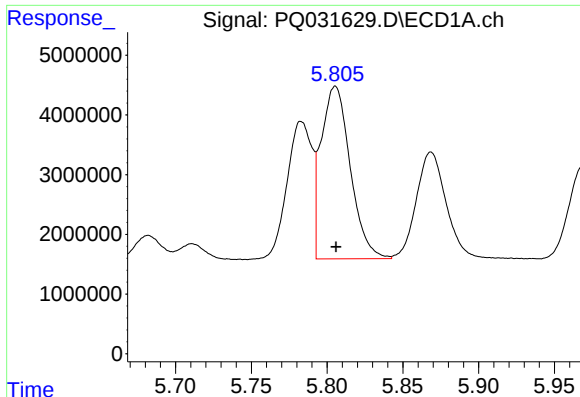
#10 AR-1221-3

R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 12354609
Conc: 287.64 ng/ml



#10 AR-1221-3

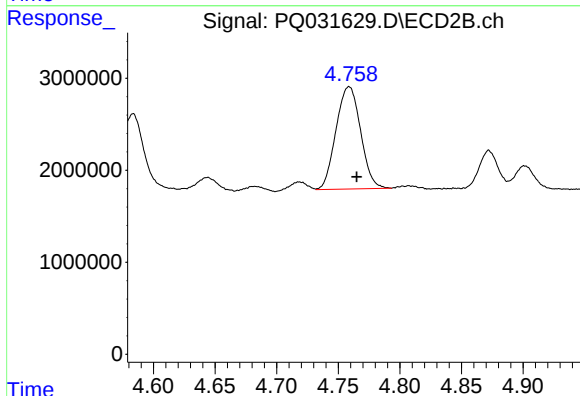
R.T.: 4.261 min
Delta R.T.: -0.004 min
Response: 9802111
Conc: 282.43 ng/ml



#11 AR-1232-1

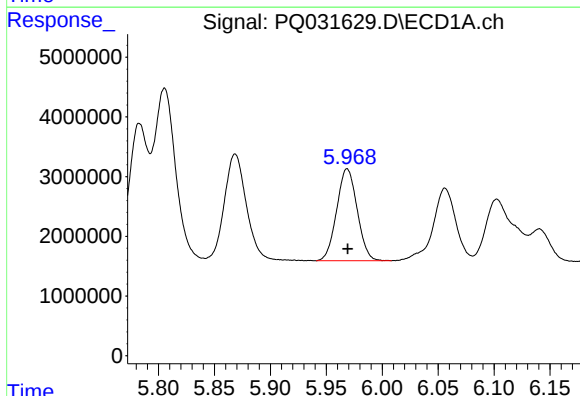
R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 38750869
Conc: 1280.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



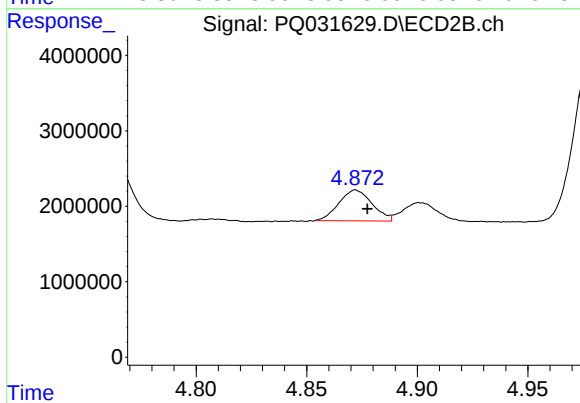
#11 AR-1232-1

R.T.: 4.759 min
Delta R.T.: -0.006 min
Response: 15451637
Conc: 1224.97 ng/ml



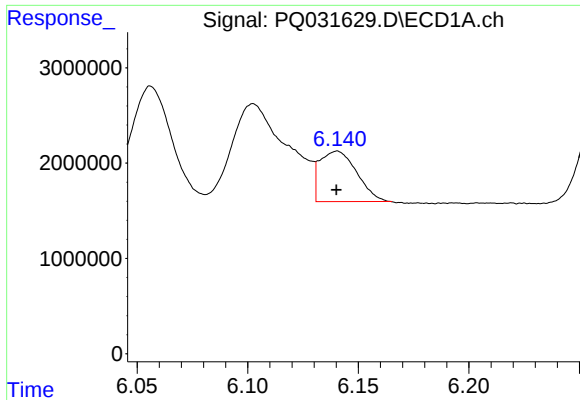
#12 AR-1232-2

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 19645695
Conc: 1267.16 ng/ml



#12 AR-1232-2

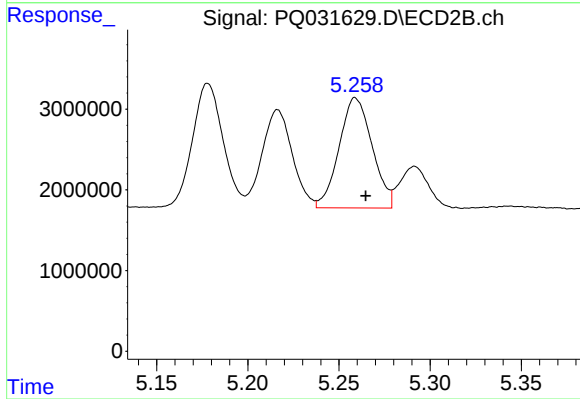
R.T.: 4.872 min
Delta R.T.: -0.005 min
Response: 4266043
Conc: 1189.81 ng/ml



#13 AR-1232-3

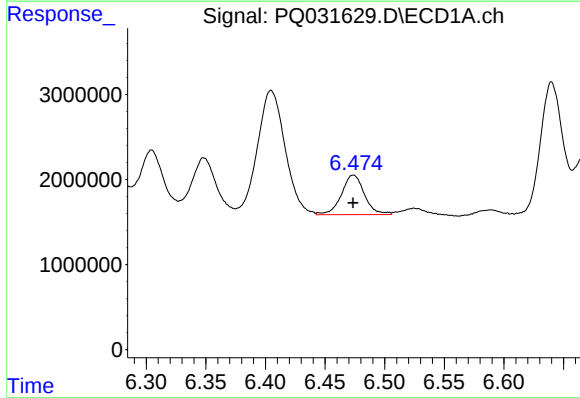
R.T.: 6.140 min
Delta R.T.: 0.000 min
Response: 6168899
Conc: 1506.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



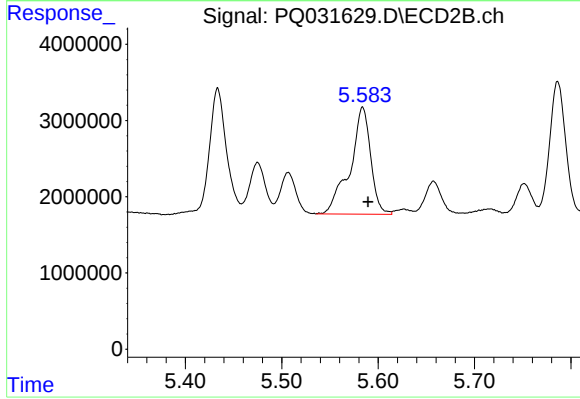
#13 AR-1232-3

R.T.: 5.259 min
Delta R.T.: -0.006 min
Response: 17281168
Conc: 1401.86 ng/ml



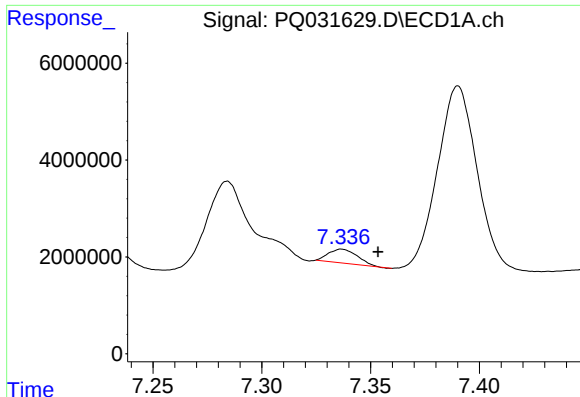
#14 AR-1232-4

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 6252227
Conc: 1407.87 ng/ml



#14 AR-1232-4

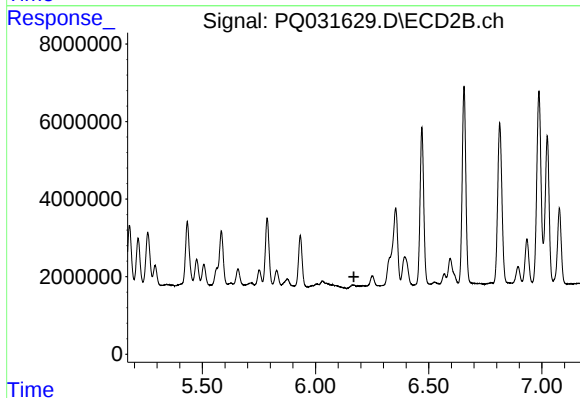
R.T.: 5.584 min
Delta R.T.: -0.006 min
Response: 20912760
Conc: 1385.41 ng/ml



#15 AR-1232-5

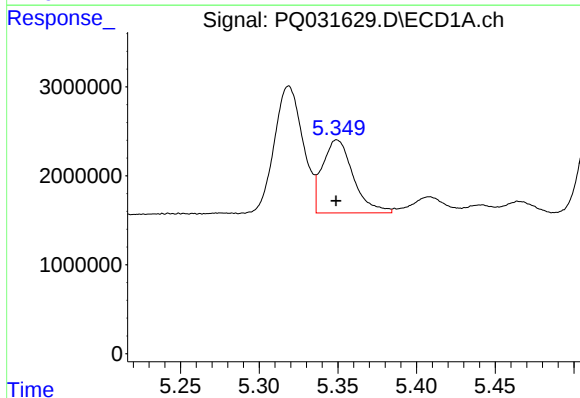
R.T.: 7.337 min
Delta R.T.: -0.017 min
Response: 2645379
Conc: 994.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



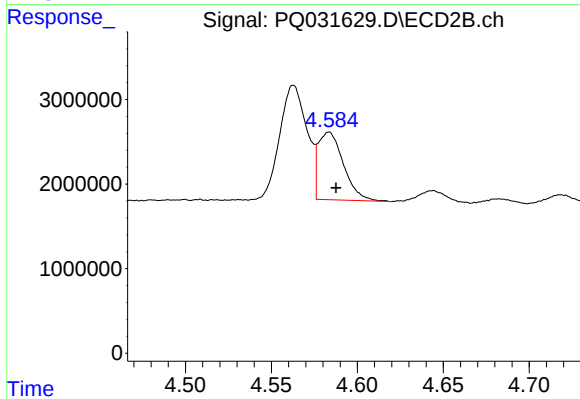
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.169 min
Response: 0
Conc: N.D.



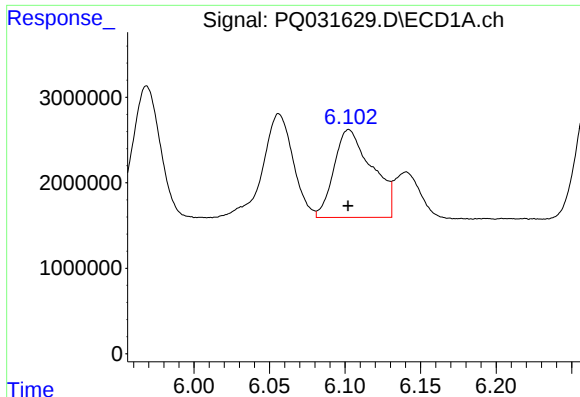
#16 AR-1242-1

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 11162979
Conc: 610.53 ng/ml



#16 AR-1242-1

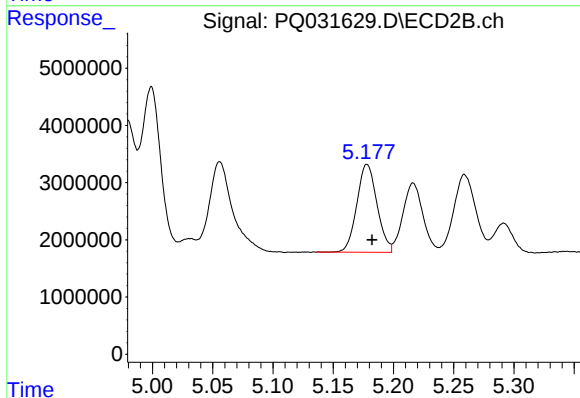
R.T.: 4.583 min
Delta R.T.: -0.004 min
Response: 8198313
Conc: 586.10 ng/ml



#17 AR-1242-2

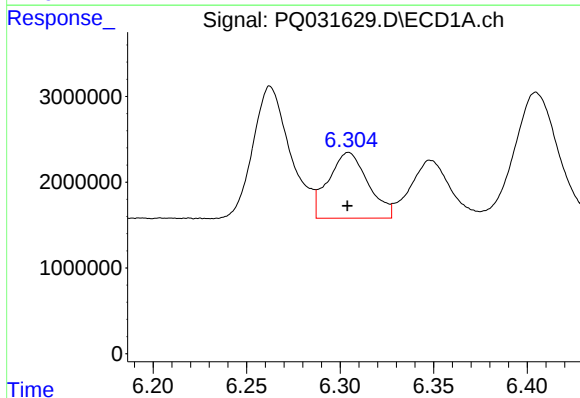
R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 18013814
Conc: 585.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



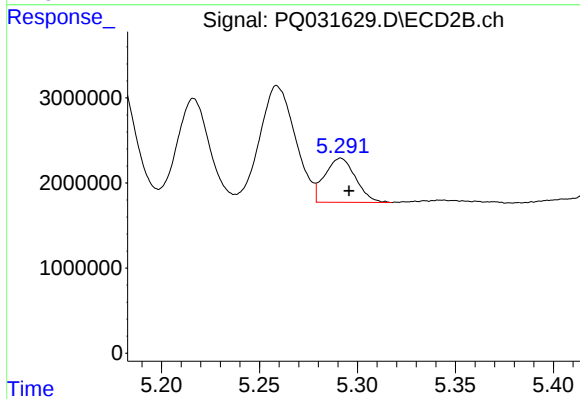
#17 AR-1242-2

R.T.: 5.178 min
Delta R.T.: -0.004 min
Response: 17931555
Conc: 624.89 ng/ml



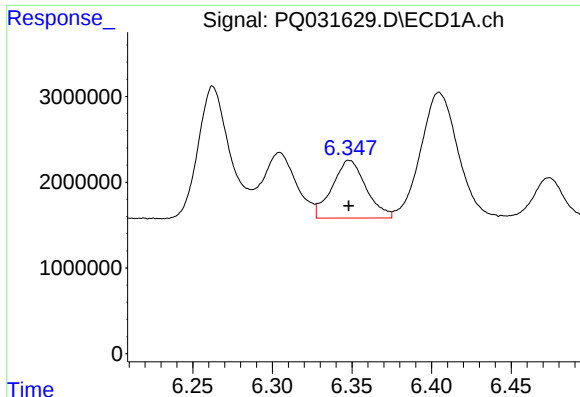
#18 AR-1242-3

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 11311812
Conc: 701.64 ng/ml



#18 AR-1242-3

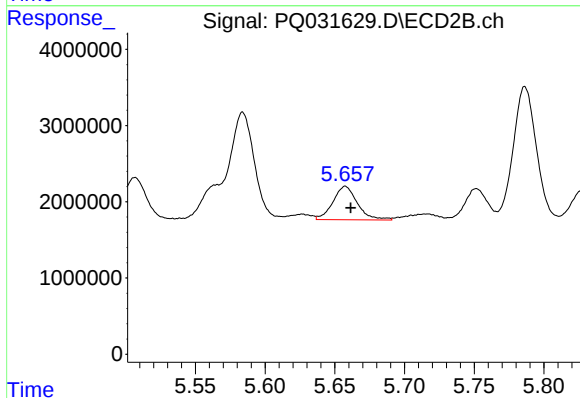
R.T.: 5.291 min
Delta R.T.: -0.004 min
Response: 5699147
Conc: 593.12 ng/ml



#19 AR-1242-4

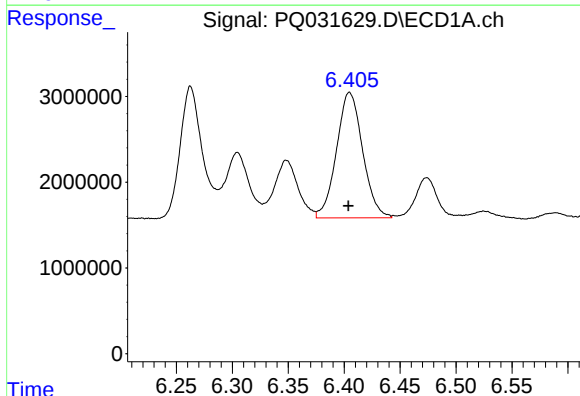
R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 9996787
Conc: 736.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



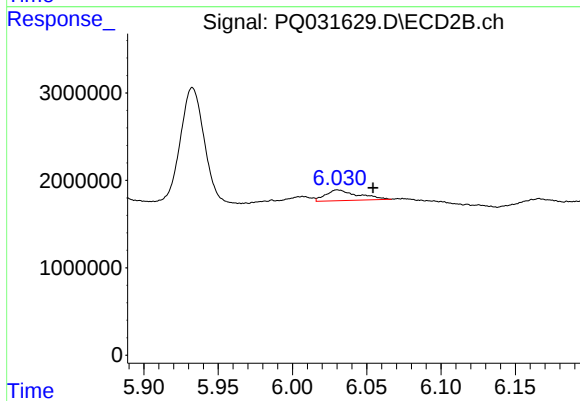
#19 AR-1242-4

R.T.: 5.658 min
Delta R.T.: -0.004 min
Response: 5368953
Conc: 610.43 ng/ml



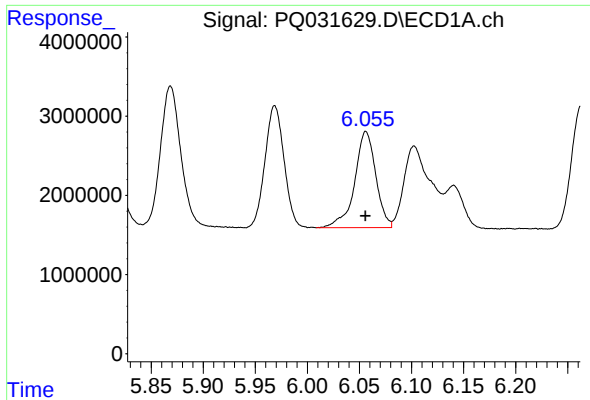
#20 AR-1242-5

R.T.: 6.405 min
Delta R.T.: 0.000 min
Response: 23779368
Conc: 606.39 ng/ml



#20 AR-1242-5

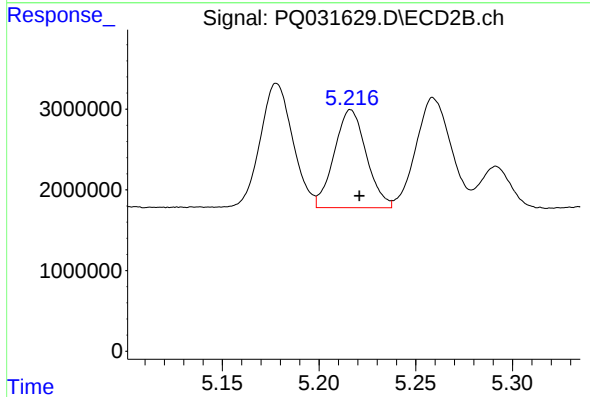
R.T.: 6.030 min
Delta R.T.: -0.024 min
Response: 1865572
Conc: 81.56 ng/ml



#21 AR-1248-1

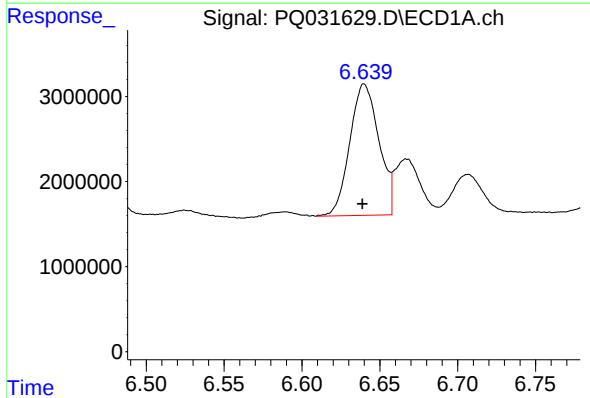
R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 17136197
Conc: 302.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



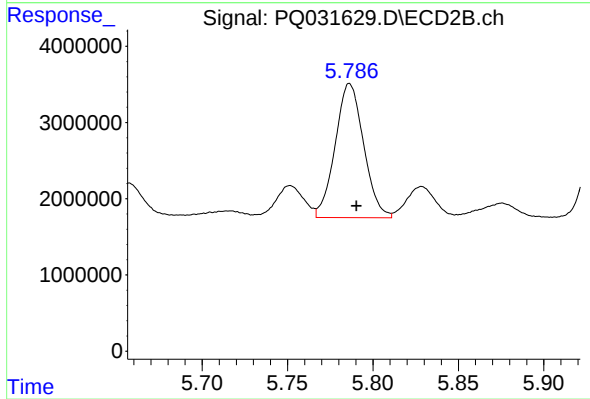
#21 AR-1248-1

R.T.: 5.216 min
Delta R.T.: -0.004 min
Response: 14048544
Conc: 297.55 ng/ml



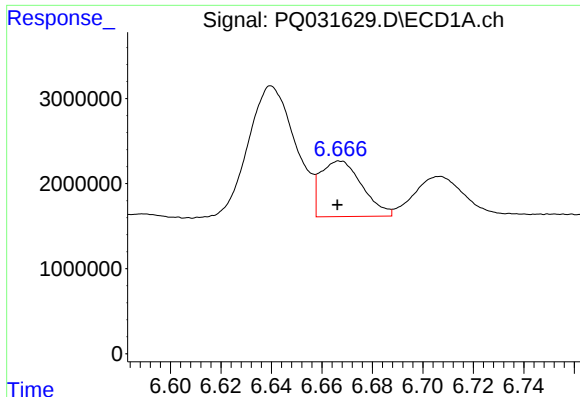
#22 AR-1248-2

R.T.: 6.640 min
Delta R.T.: 0.001 min
Response: 20069135
Conc: 337.87 ng/ml



#22 AR-1248-2

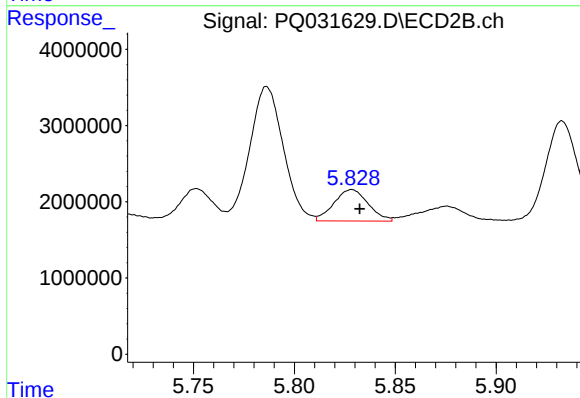
R.T.: 5.786 min
Delta R.T.: -0.004 min
Response: 20409534
Conc: 218.97 ng/ml



#23 AR-1248-3

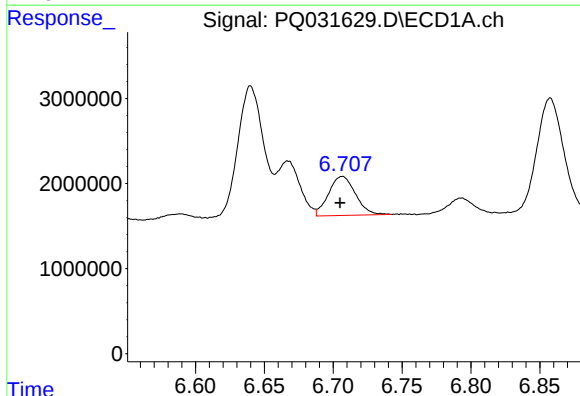
R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 7476040
Conc: 93.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



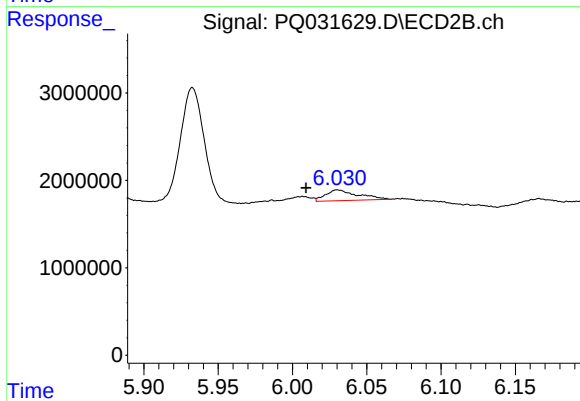
#23 AR-1248-3

R.T.: 5.828 min
Delta R.T.: -0.004 min
Response: 4874209
Conc: 76.26 ng/ml



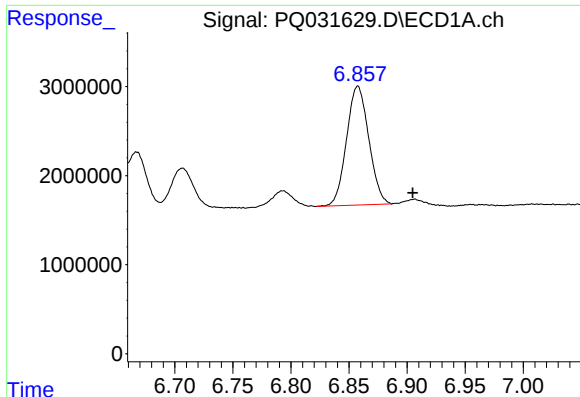
#24 AR-1248-4

R.T.: 6.707 min
Delta R.T.: 0.002 min
Response: 6243736
Conc: 82.03 ng/ml



#24 AR-1248-4

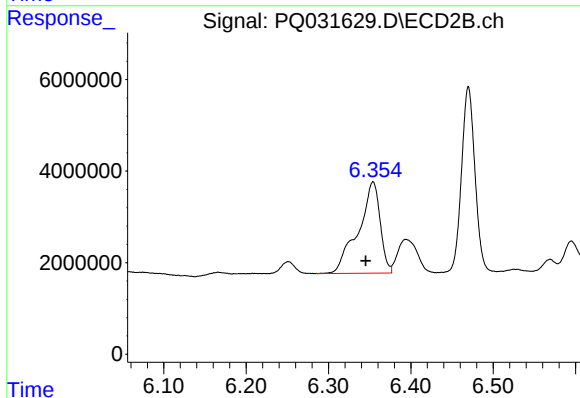
R.T.: 6.030 min
Delta R.T.: 0.021 min
Response: 1865572
Conc: 32.42 ng/ml



#25 AR-1248-5

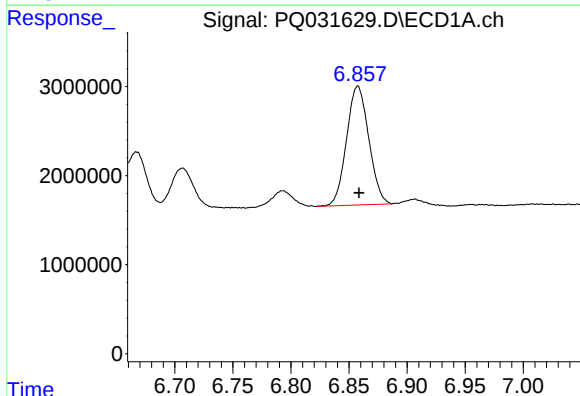
R.T.: 6.858 min
Delta R.T.: -0.047 min
Response: 17787160
Conc: 347.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



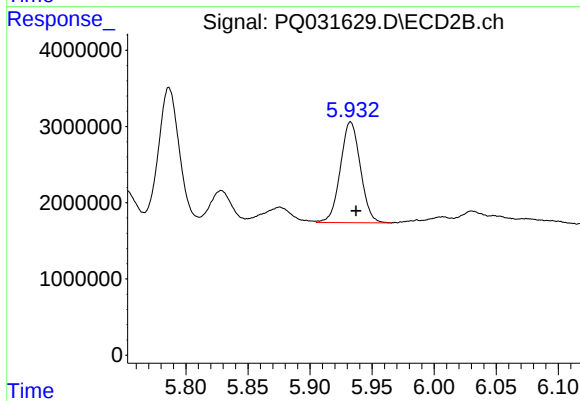
#25 AR-1248-5

R.T.: 6.354 min
Delta R.T.: 0.009 min
Response: 36847821
Conc: 797.84 ng/ml



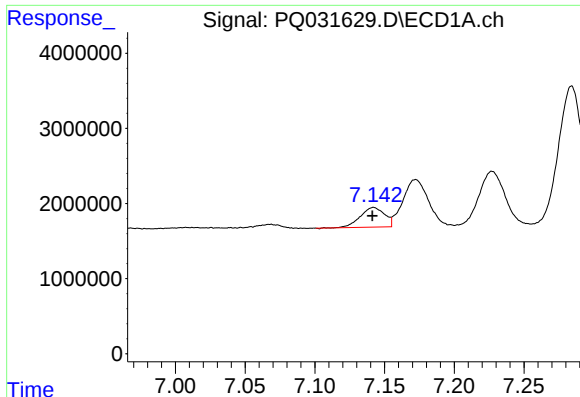
#26 AR-1254-1

R.T.: 6.858 min
Delta R.T.: -0.001 min
Response: 17787160
Conc: 122.62 ng/ml



#26 AR-1254-1

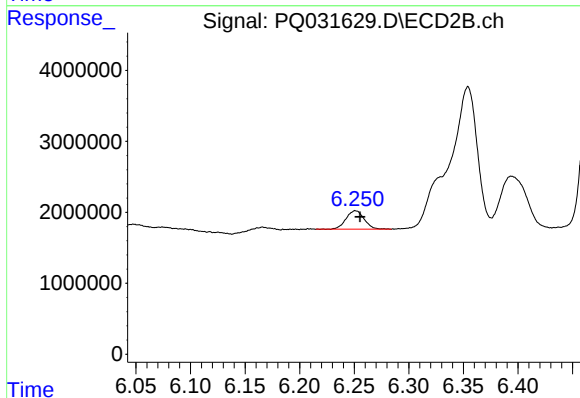
R.T.: 5.933 min
Delta R.T.: -0.004 min
Response: 14862756
Conc: 148.89 ng/ml



#27 AR-1254-2

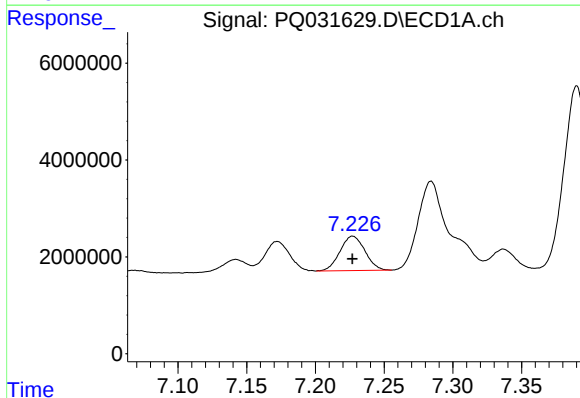
R.T.: 7.142 min
Delta R.T.: 0.000 min
Response: 3172878
Conc: 35.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



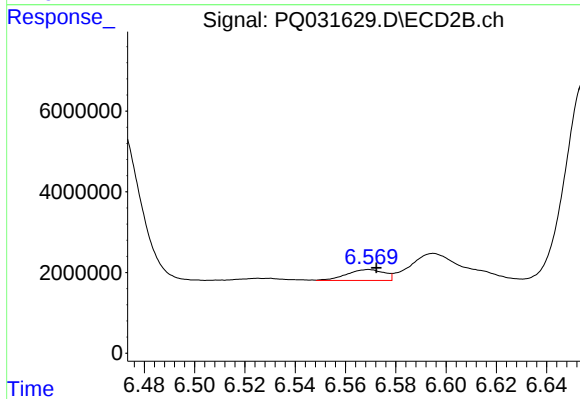
#27 AR-1254-2

R.T.: 6.251 min
Delta R.T.: -0.004 min
Response: 2987563
Conc: 34.07 ng/ml



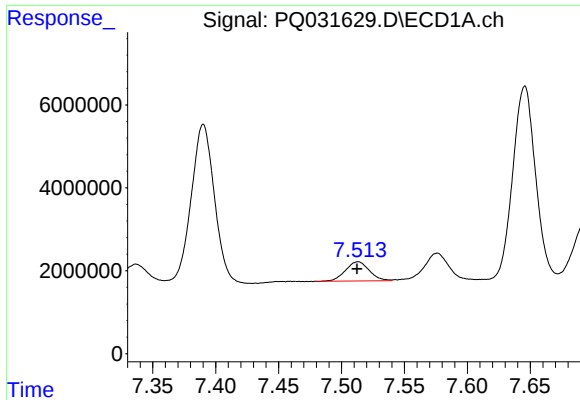
#28 AR-1254-3

R.T.: 7.227 min
Delta R.T.: 0.000 min
Response: 8992202
Conc: 54.87 ng/ml



#28 AR-1254-3

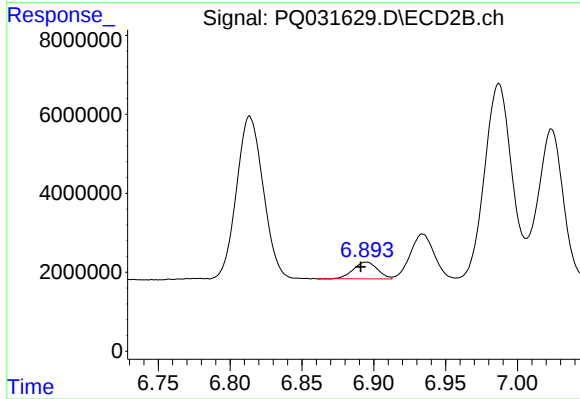
R.T.: 6.569 min
Delta R.T.: -0.003 min
Response: 2780420
Conc: 24.06 ng/ml



#29 AR-1254-4

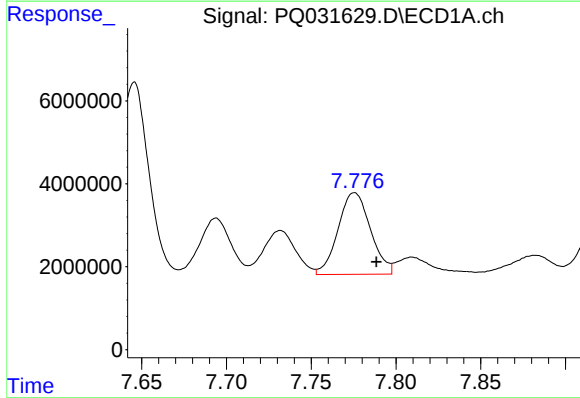
R.T.: 7.513 min
Delta R.T.: 0.000 min
Response: 6105603
Conc: 49.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



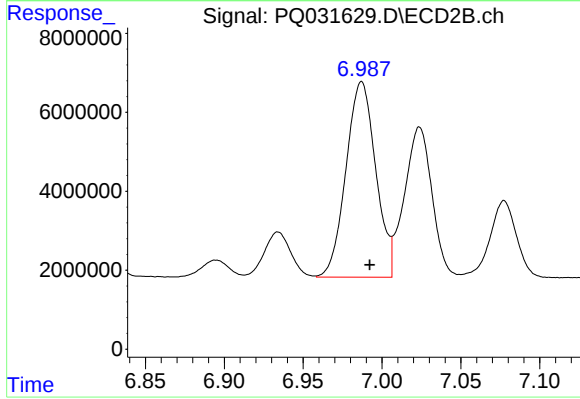
#29 AR-1254-4

R.T.: 6.895 min
Delta R.T.: 0.004 min
Response: 4928610
Conc: 59.36 ng/ml



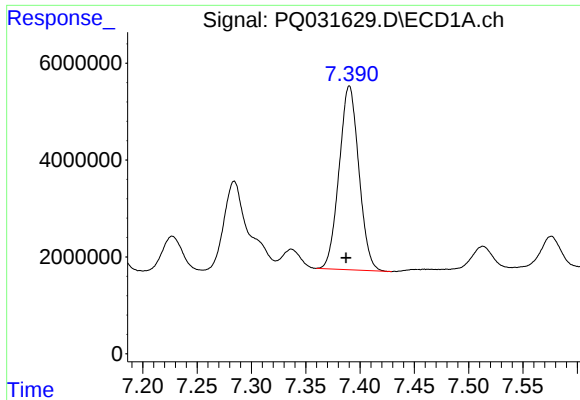
#30 AR-1254-5

R.T.: 7.776 min
Delta R.T.: -0.013 min
Response: 26211002
Conc: 276.21 ng/ml



#30 AR-1254-5

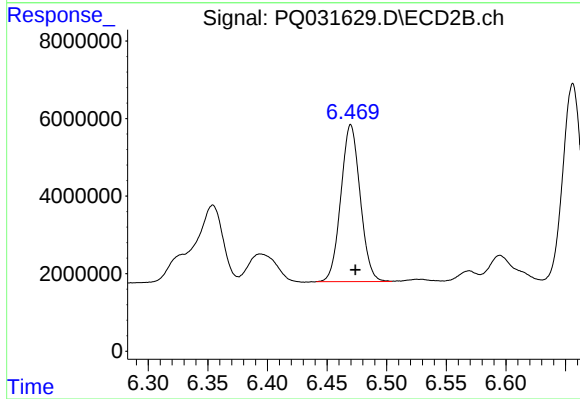
R.T.: 6.987 min
Delta R.T.: -0.005 min
Response: 64999914
Conc: 390.95 ng/ml



#31 AR-1260-1

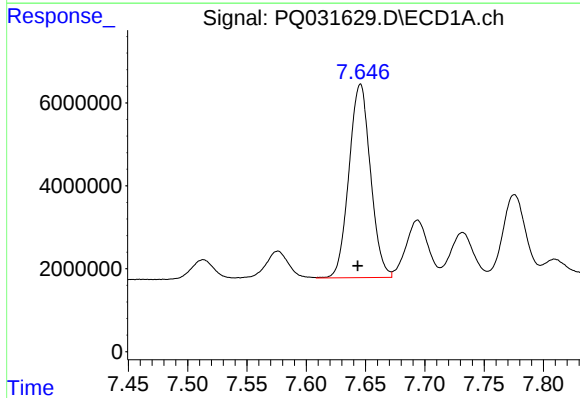
R.T.: 7.390 min
Delta R.T.: 0.003 min
Response: 48017376
Conc: 437.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



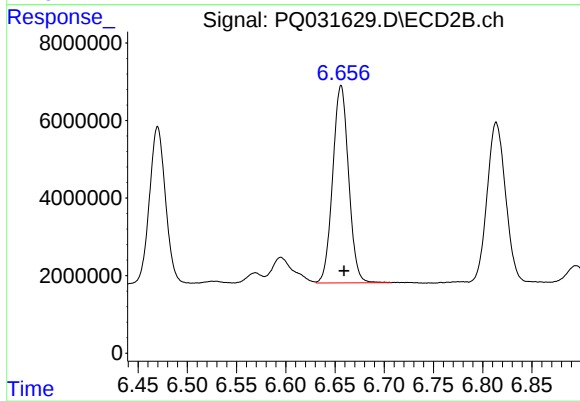
#31 AR-1260-1

R.T.: 6.470 min
Delta R.T.: -0.004 min
Response: 45703792
Conc: 452.50 ng/ml



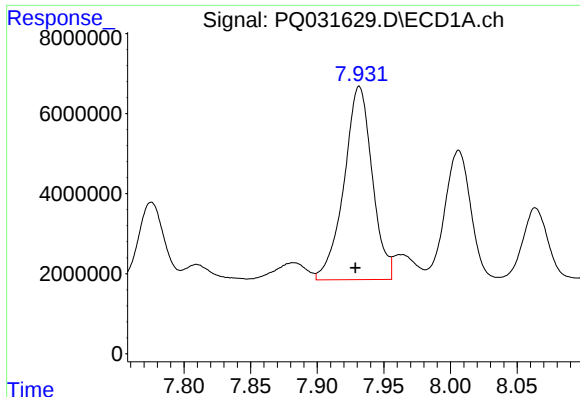
#32 AR-1260-2

R.T.: 7.646 min
Delta R.T.: 0.002 min
Response: 58997144
Conc: 445.29 ng/ml



#32 AR-1260-2

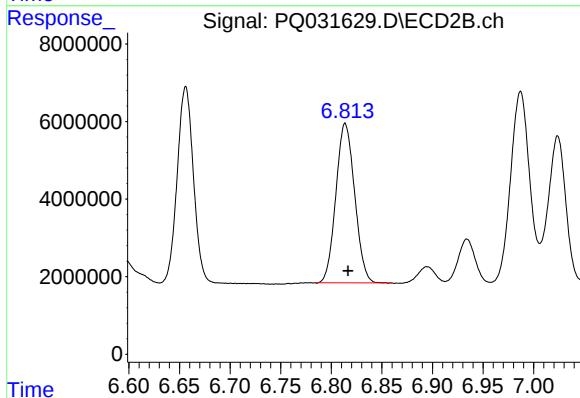
R.T.: 6.656 min
Delta R.T.: -0.003 min
Response: 57214005
Conc: 442.86 ng/ml



#33 AR-1260-3

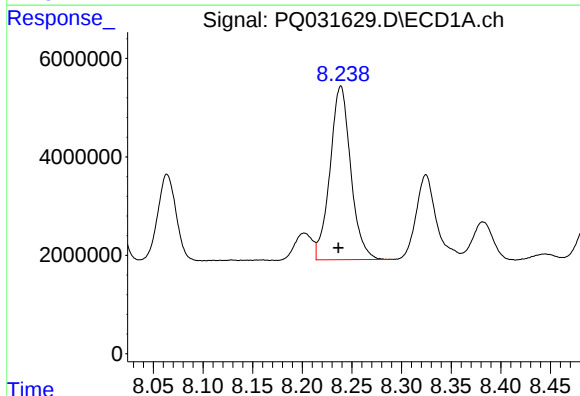
R.T.: 7.932 min
Delta R.T.: 0.003 min
Response: 71016683
Conc: 450.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



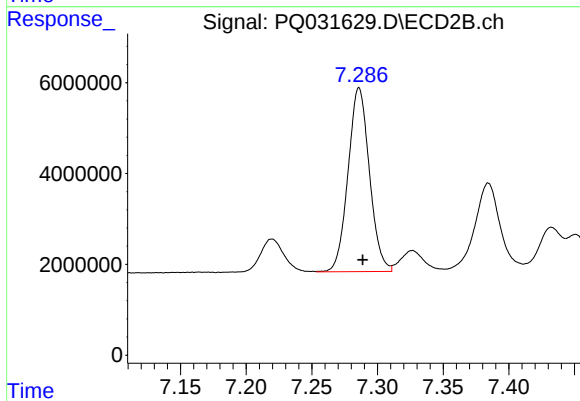
#33 AR-1260-3

R.T.: 6.814 min
Delta R.T.: -0.003 min
Response: 53142328
Conc: 441.94 ng/ml



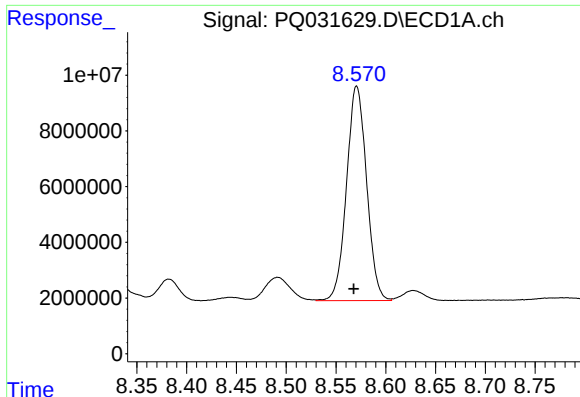
#34 AR-1260-4

R.T.: 8.239 min
Delta R.T.: 0.003 min
Response: 51271225
Conc: 438.44 ng/ml



#34 AR-1260-4

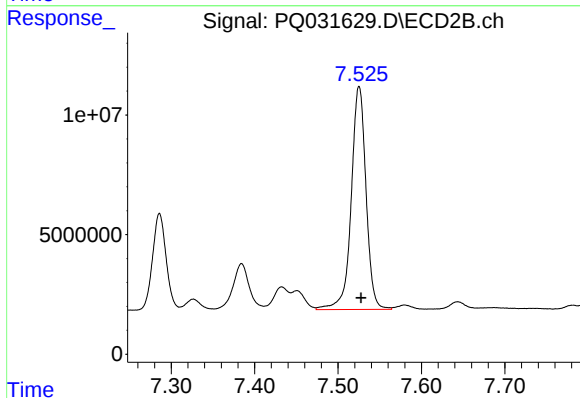
R.T.: 7.286 min
Delta R.T.: -0.003 min
Response: 45841921
Conc: 443.32 ng/ml



#35 AR-1260-5

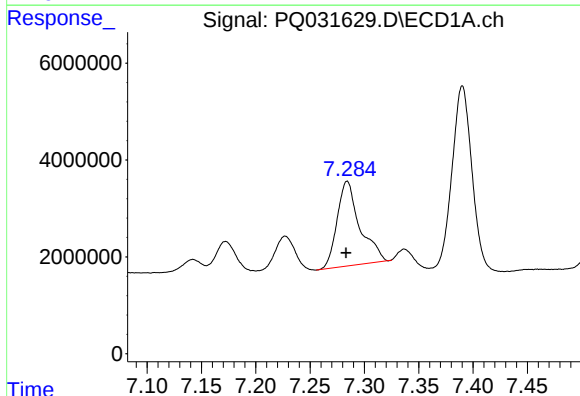
R.T.: 8.571 min
Delta R.T.: 0.003 min
Response: 108068344
Conc: 454.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



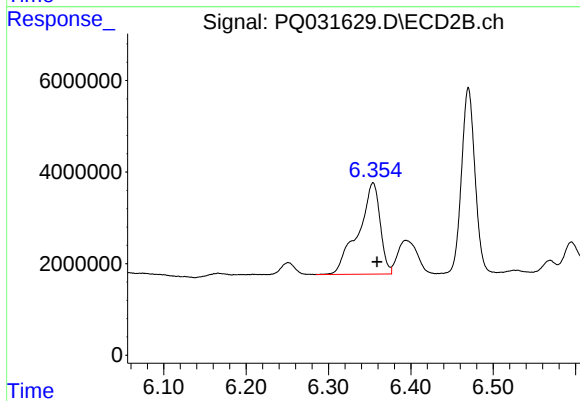
#35 AR-1260-5

R.T.: 7.525 min
Delta R.T.: -0.002 min
Response: 114882043
Conc: 451.16 ng/ml



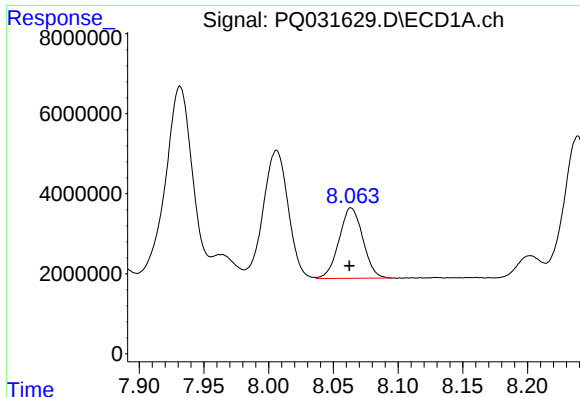
#36 AR-1262-1

R.T.: 7.284 min
Delta R.T.: 0.001 min
Response: 25503683
Conc: 442.78 ng/ml



#36 AR-1262-1

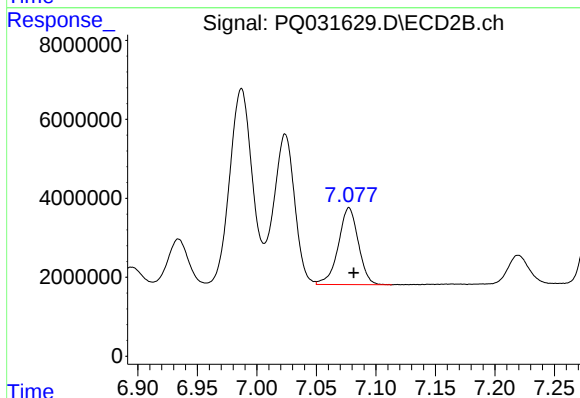
R.T.: 6.354 min
Delta R.T.: -0.005 min
Response: 36847821
Conc: 734.30 ng/ml



#37 AR-1262-2

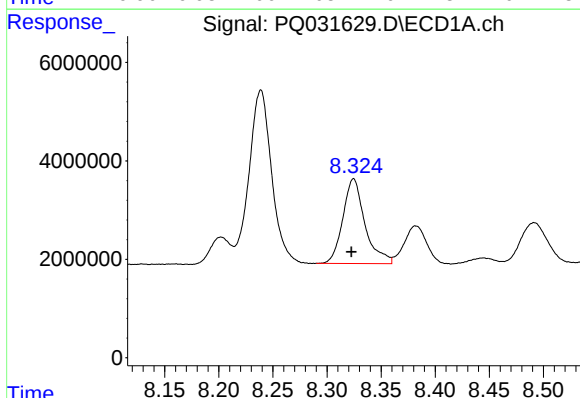
R.T.: 8.064 min
Delta R.T.: 0.001 min
Response: 22571116
Conc: 422.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



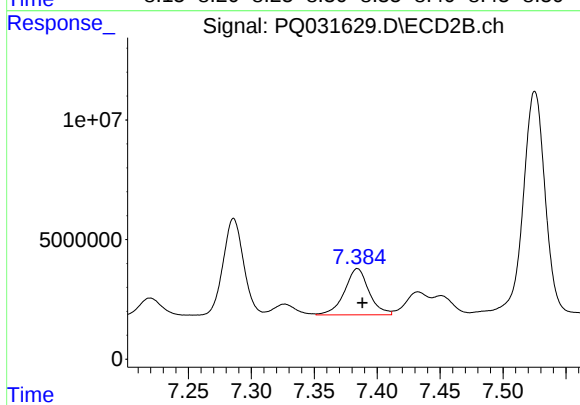
#37 AR-1262-2

R.T.: 7.077 min
Delta R.T.: -0.004 min
Response: 22841906
Conc: 419.71 ng/ml



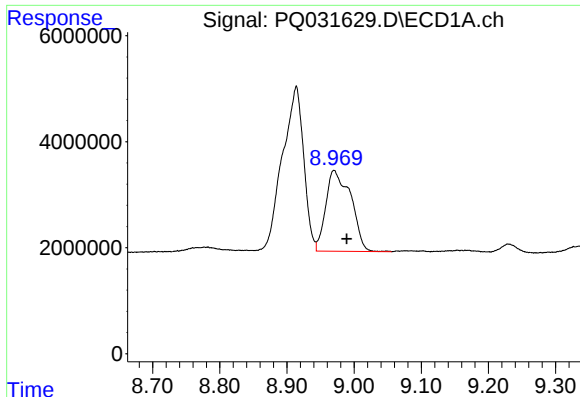
#38 AR-1262-3

R.T.: 8.325 min
Delta R.T.: 0.002 min
Response: 24520676
Conc: 400.85 ng/ml



#38 AR-1262-3

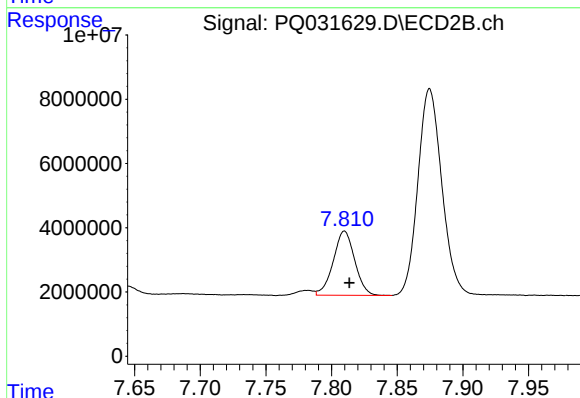
R.T.: 7.384 min
Delta R.T.: -0.004 min
Response: 26228533
Conc: 422.94 ng/ml



#39 AR-1262-4

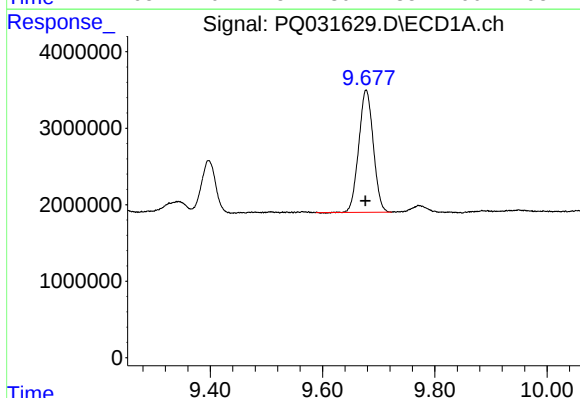
R.T.: 8.970 min
Delta R.T.: -0.019 min
Response: 39482532
Conc: 308.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



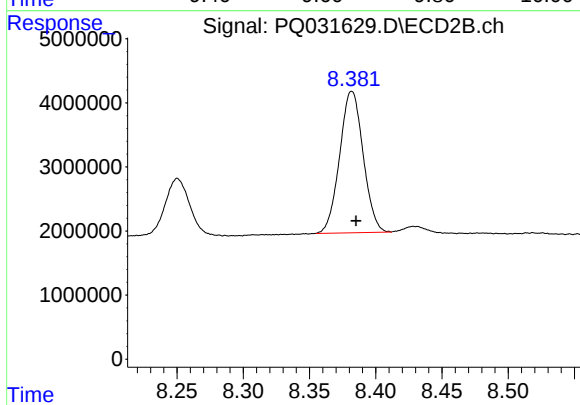
#39 AR-1262-4

R.T.: 7.810 min
Delta R.T.: -0.004 min
Response: 22675249
Conc: 216.50 ng/ml



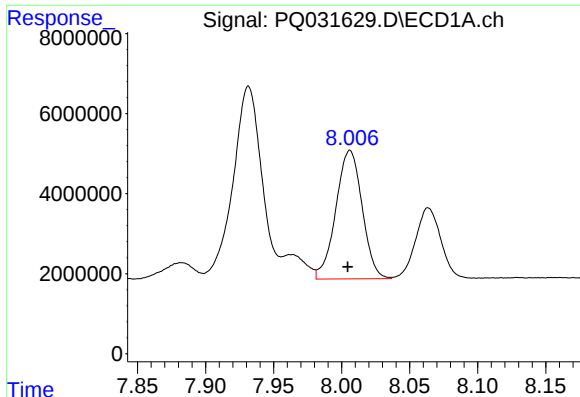
#40 AR-1262-5

R.T.: 9.678 min
Delta R.T.: 0.001 min
Response: 28750517
Conc: 298.21 ng/ml



#40 AR-1262-5

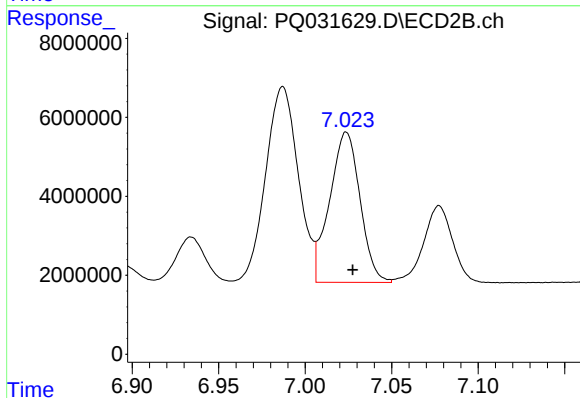
R.T.: 8.382 min
Delta R.T.: -0.003 min
Response: 27239880
Conc: 287.91 ng/ml



#41 AR-1268-1

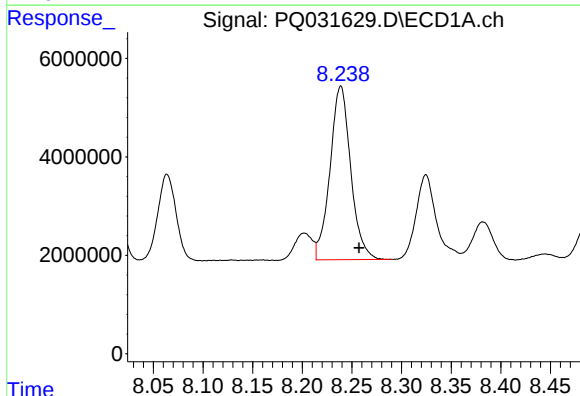
R.T.: 8.006 min
Delta R.T.: 0.002 min
Response: 43275469
Conc: 815.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



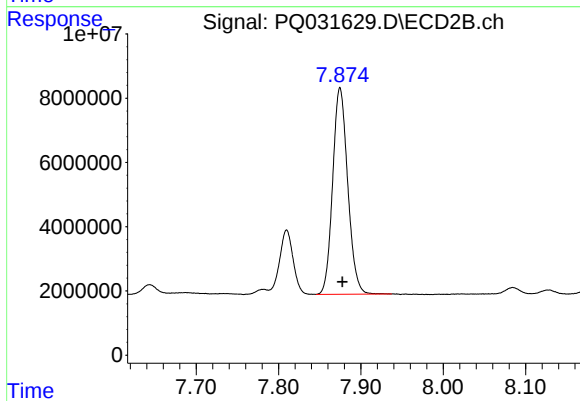
#41 AR-1268-1

R.T.: 7.024 min
Delta R.T.: -0.004 min
Response: 46573369
Conc: 864.92 ng/ml



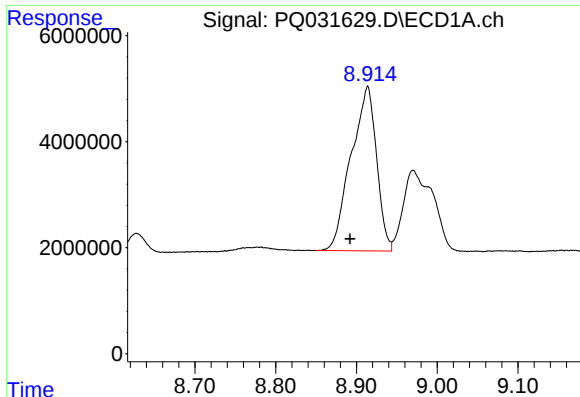
#42 AR-1268-2

R.T.: 8.239 min
Delta R.T.: -0.018 min
Response: 51271225
Conc: 734.60 ng/ml



#42 AR-1268-2

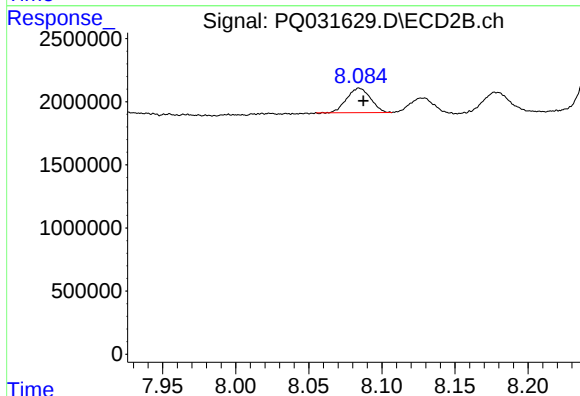
R.T.: 7.875 min
Delta R.T.: -0.003 min
Response: 81615195
Conc: 270.00 ng/ml



#43 AR-1268-3

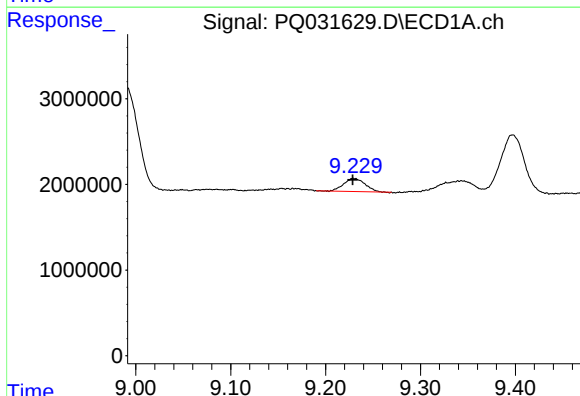
R.T.: 8.914 min
Delta R.T.: 0.022 min
Response: 67987245
Conc: 208.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



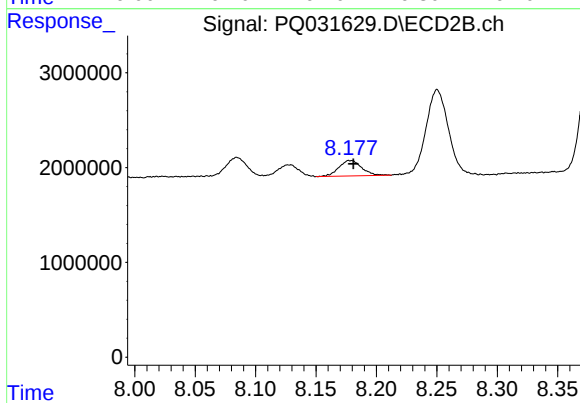
#43 AR-1268-3

R.T.: 8.085 min
Delta R.T.: -0.003 min
Response: 2175698
Conc: 8.70 ng/ml



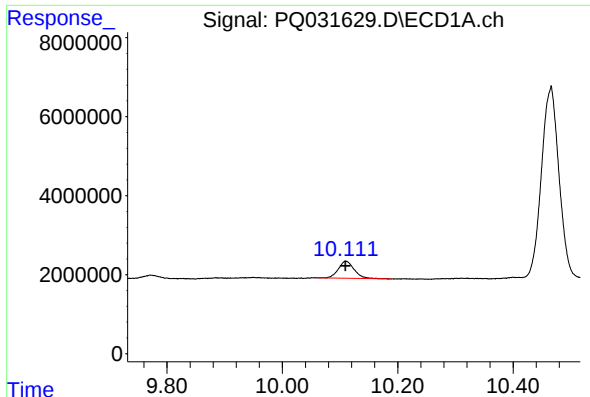
#44 AR-1268-4

R.T.: 9.229 min
Delta R.T.: 0.000 min
Response: 2378166
Conc: 9.51 ng/ml



#44 AR-1268-4

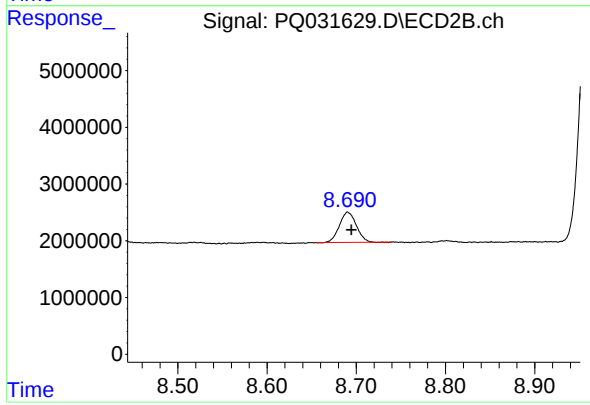
R.T.: 8.178 min
Delta R.T.: -0.003 min
Response: 2153468
Conc: 32.01 ng/ml



#45 AR-1268-5

R.T.: 10.110 min
Delta R.T.: 0.001 min
Response: 8230821
Conc: 9.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.691 min
Delta R.T.: -0.004 min
Response: 7000164
Conc: 8.31 ng/ml