

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031920\
 Data File : PQ047063.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Mar 2020 15:15
 Operator : AJ\MA
 Sample : L1978-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 17:12:41 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031720.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 17 15:09:31 2020
 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...	5.118	4.274	440.9E6	61021074	19.718	21.261
2)	SA Decachlor...	11.196	9.662	214.1E6	50704681	16.767	15.195
Target Compounds							
3)	L1 AR-1016-1	6.432	5.547	149.1E6	23289696	163.482	198.238
4)	L1 AR-1016-2	6.456	5.568	214.5E6	28240635	165.862	176.761
5)	L1 AR-1016-3	6.523	5.764	126.0E6	15759857	165.040	184.368
6)	L1 AR-1016-4	6.629	5.812	106.2E6	12950806	159.840	186.679
7)	L1 AR-1016-5	6.944	6.045	108.4E6	14514696	169.701	158.993
8)	L2 AR-1221-1	5.356	4.534	16091007	2200996	66.530	73.232
9)	L2 AR-1221-2	5.463	4.637	19069039	3055090	102.848	135.437 #
10)	L2 AR-1221-3	5.548	4.727	77586054	10779803	139.212	156.224
11)	L3 AR-1232-1	5.548	4.727	77586054	10779803	198.282	226.335
12)	L3 AR-1232-2	6.138	5.568	119.6E6	28240635	553.521	558.100
13)	L3 AR-1232-3	6.456	5.764	214.5E6	15759857	510.933	596.821
14)	L3 AR-1232-4	6.629	5.858	106.2E6	15239057	492.454	642.990 #
15)	L3 AR-1232-5	6.727	6.045	79037615	14514696	540.768	539.471
16)	L4 AR-1242-1	6.432	5.547	149.1E6	23289696	257.503	310.608
17)	L4 AR-1242-2	6.456	5.568	214.5E6	28240635	262.399	279.371
18)	L4 AR-1242-3	6.523	5.764	126.0E6	15759857	254.095	285.736
19)	L4 AR-1242-4	6.629	5.858	106.2E6	15239057	247.892	286.874
20)	L4 AR-1242-5	7.410	6.427	20968824	13487005	44.632	187.304 #
21)	L5 AR-1248-1	6.432	5.547	149.1E6	23289696	316.723	387.759
22)	L5 AR-1248-2	6.727	5.812	79037615	12950806	122.845	167.028 #
23)	L5 AR-1248-3	6.944	5.858	108.4E6	15239057	150.265	190.757 #
24)	L5 AR-1248-4	7.372	6.045	13738981	14514696	16.928	153.425 #
25)	L5 AR-1248-5	7.410	6.471	20968824	2072822	27.173	19.677 #
26)	L6 AR-1254-1	7.342	6.427	72512611	13487005	93.916	90.361
27)	L6 AR-1254-2	7.570	6.585	89129773	11904880	75.586	92.695
28)	L6 AR-1254-3	7.953	7.026	44549917	22173294	38.170	104.371 #
29)	L6 AR-1254-4	8.246	7.248	38547108	3331646	41.196	24.591 #
30)	L6 AR-1254-5	8.676	7.680	231.9E6	44316523	276.332	241.211
31)	L7 AR-1260-1	8.121	7.146	182.2E6	30556926	174.211	174.706
32)	L7 AR-1260-2	8.384	7.341	212.4E6	38721464	154.620	179.694
33)	L7 AR-1260-3	8.751	7.501	132.7E6	33958889	123.147	168.851 #
34)	L7 AR-1260-4	8.987	7.985	166.6E6	25242355	166.990	143.978
35)	L7 AR-1260-5	9.319	8.230	278.9E6	61527905	134.163	141.221
36)	L8 AR-1262-1	8.751	7.680	132.7E6	44316523	102.018	410.117 #
37)	L8 AR-1262-2	9.319	8.230	278.9E6	61527905	143.508	155.409
38)	L8 AR-1262-3	9.660	8.519	204.7E6	11388023	167.455	76.105 #
39)	L8 AR-1262-4	9.717	8.584	130.6E6	39742558	143.779	139.903
40)	L8 AR-1262-5	10.416	9.092	54569515	12951756	96.561	99.915
41)	L9 AR-1268-1	9.660	8.519	204.7E6	11388023	96.198	26.445 #

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 ALS Vial : 15 Sample Multiplier: 1

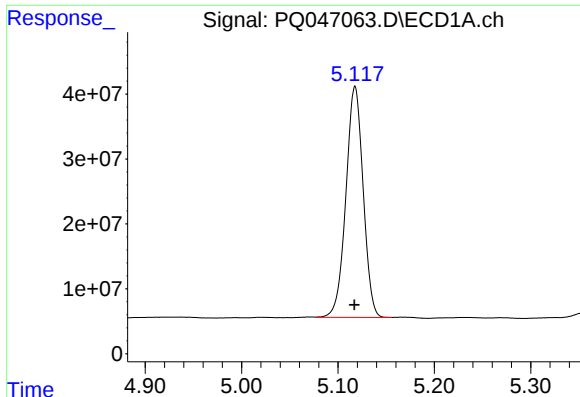
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 17:12:41 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031720.M
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 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	9.717	8.584	130.6E6	39742558	72.213	101.318 #
43) L9	AR-1268-3	9.970	8.793	19230487	1168533	12.918	3.670 #
44) L9	AR-1268-4	10.416	9.092	54569515	12951756	89.665	93.183
45) L9	AR-1268-5	10.846	9.396	34087221	4389946	9.090	4.358 #

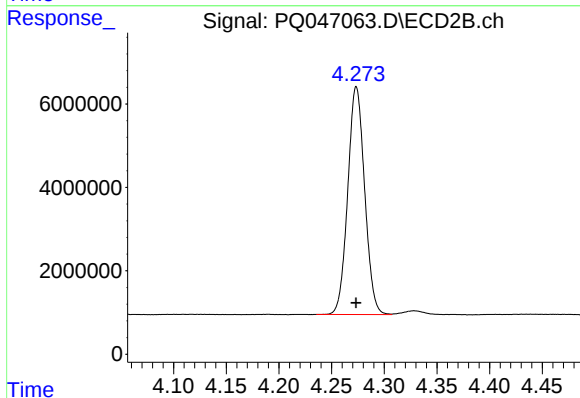
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

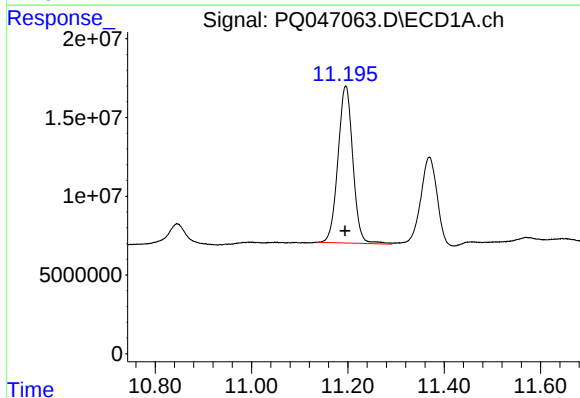
R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 440879323
Conc: 19.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



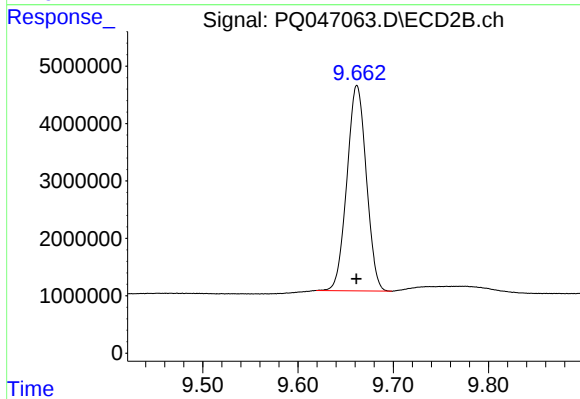
#1 Tetrachloro-m-xylene

R.T.: 4.274 min
Delta R.T.: 0.000 min
Response: 61021074
Conc: 21.26 ng/ml



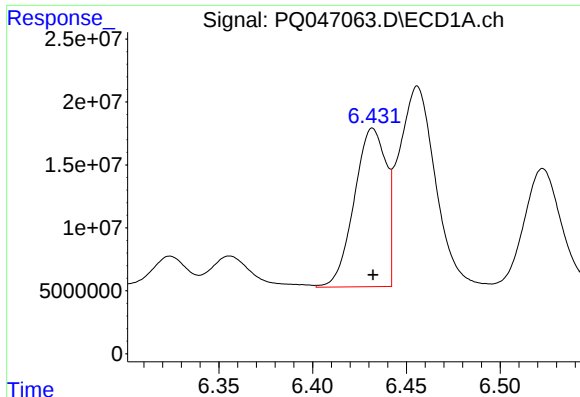
#2 Decachlorobiphenyl

R.T.: 11.196 min
Delta R.T.: 0.002 min
Response: 214143648
Conc: 16.77 ng/ml



#2 Decachlorobiphenyl

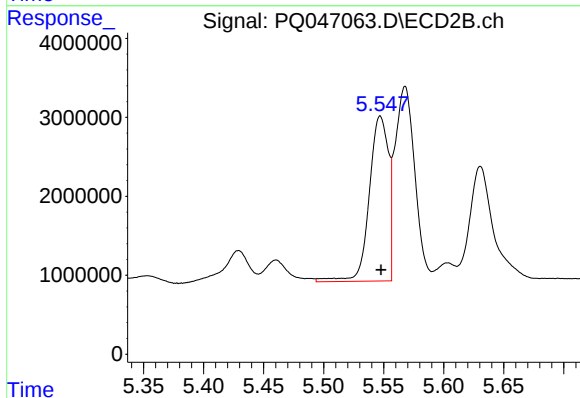
R.T.: 9.662 min
Delta R.T.: 0.000 min
Response: 50704681
Conc: 15.20 ng/ml



#3 AR-1016-1

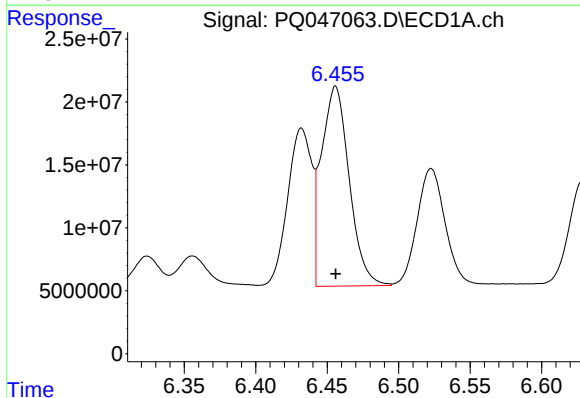
R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 149139519
Conc: 163.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



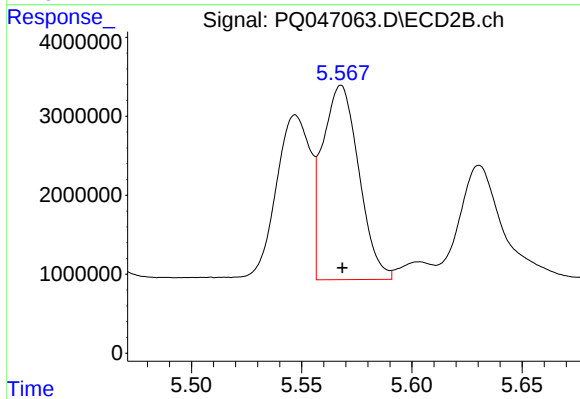
#3 AR-1016-1

R.T.: 5.547 min
Delta R.T.: 0.000 min
Response: 23289696
Conc: 198.24 ng/ml



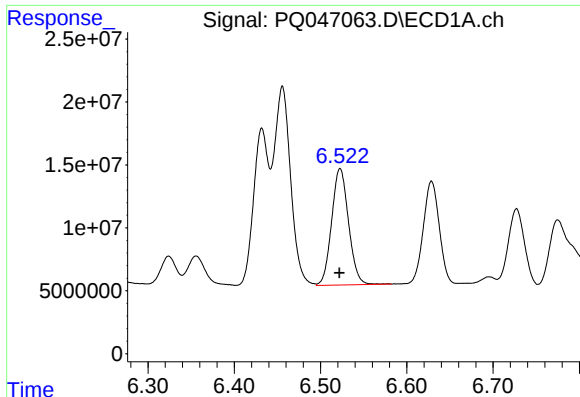
#4 AR-1016-2

R.T.: 6.456 min
Delta R.T.: 0.000 min
Response: 214471144
Conc: 165.86 ng/ml



#4 AR-1016-2

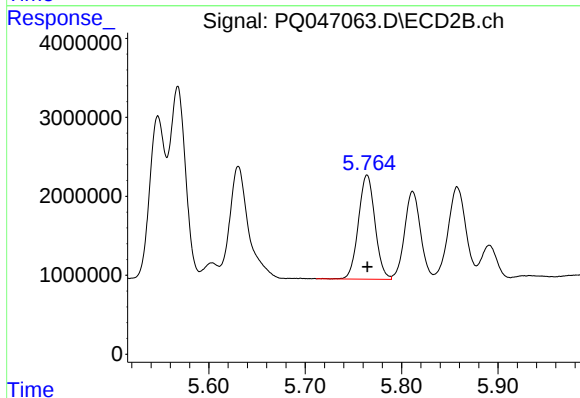
R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 28240635
Conc: 176.76 ng/ml



#5 AR-1016-3

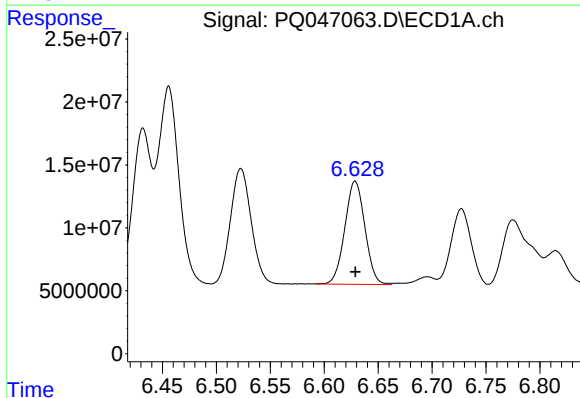
R.T.: 6.523 min
Delta R.T.: 0.000 min
Response: 125978166
Conc: 165.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



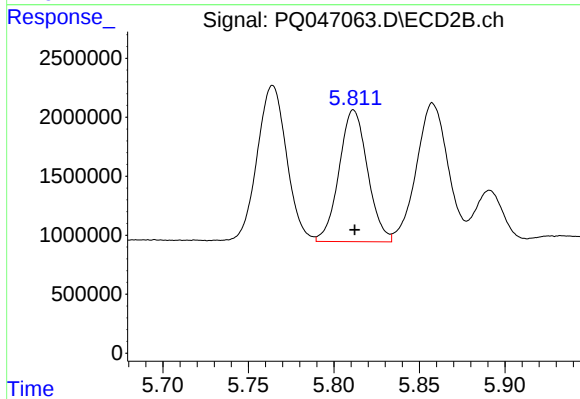
#5 AR-1016-3

R.T.: 5.764 min
Delta R.T.: 0.000 min
Response: 15759857
Conc: 184.37 ng/ml



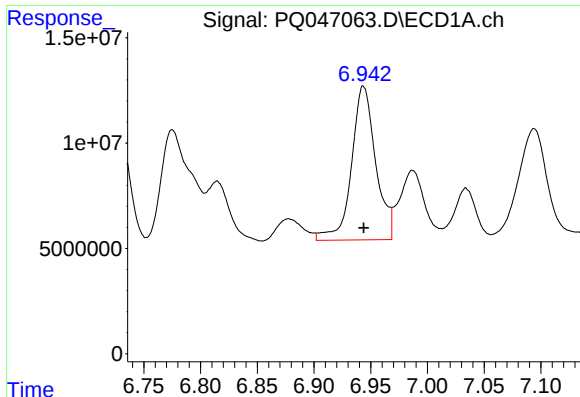
#6 AR-1016-4

R.T.: 6.629 min
Delta R.T.: 0.000 min
Response: 106151314
Conc: 159.84 ng/ml



#6 AR-1016-4

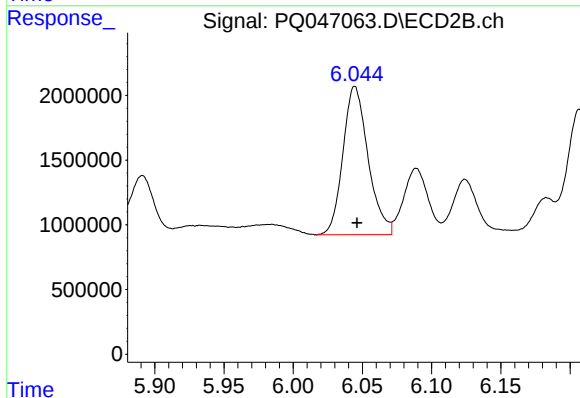
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 12950806
Conc: 186.68 ng/ml



#7 AR-1016-5

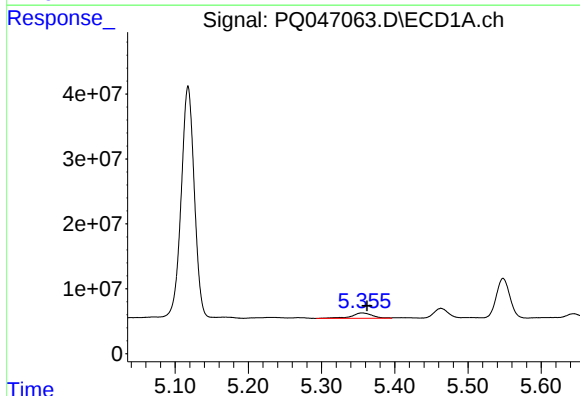
R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 108404677
Conc: 169.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



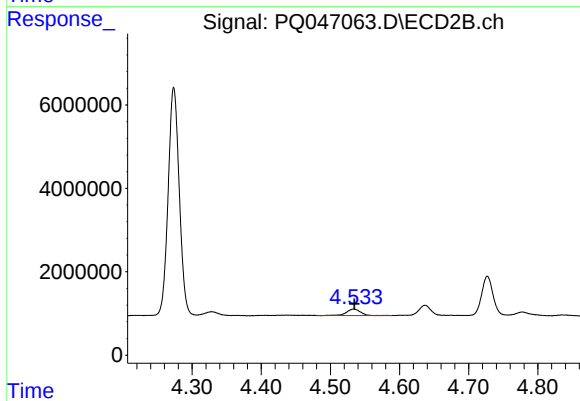
#7 AR-1016-5

R.T.: 6.045 min
Delta R.T.: -0.002 min
Response: 14514696
Conc: 158.99 ng/ml



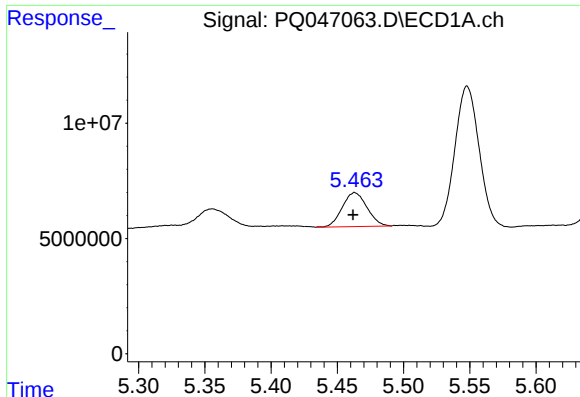
#8 AR-1221-1

R.T.: 5.356 min
Delta R.T.: -0.007 min
Response: 16091007
Conc: 66.53 ng/ml



#8 AR-1221-1

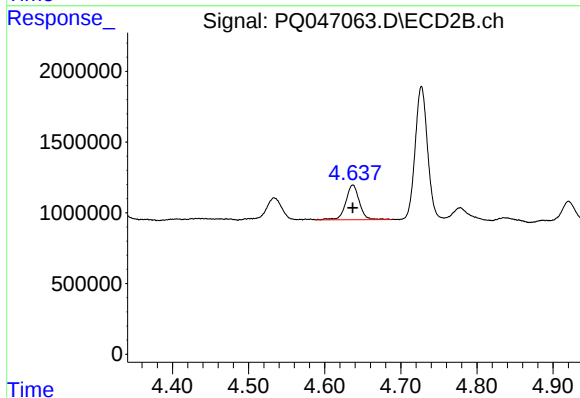
R.T.: 4.534 min
Delta R.T.: -0.001 min
Response: 2200996
Conc: 73.23 ng/ml



#9 AR-1221-2

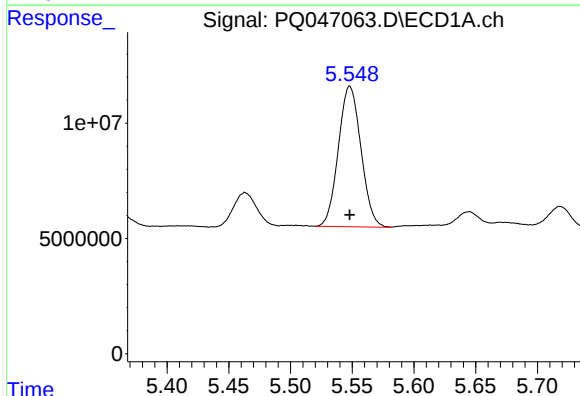
R.T.: 5.463 min
Delta R.T.: 0.001 min
Response: 19069039
Conc: 102.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



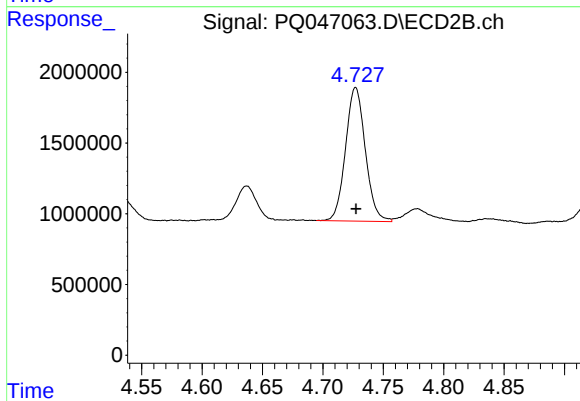
#9 AR-1221-2

R.T.: 4.637 min
Delta R.T.: 0.000 min
Response: 3055090
Conc: 135.44 ng/ml



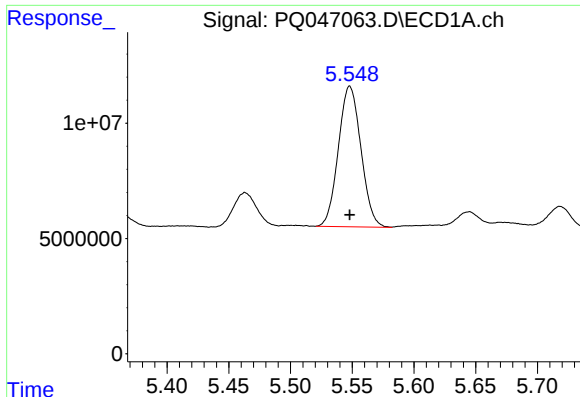
#10 AR-1221-3

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 77586054
Conc: 139.21 ng/ml



#10 AR-1221-3

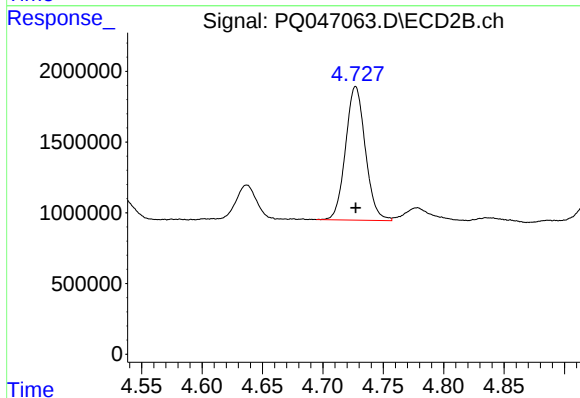
R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 10779803
Conc: 156.22 ng/ml



#11 AR-1232-1

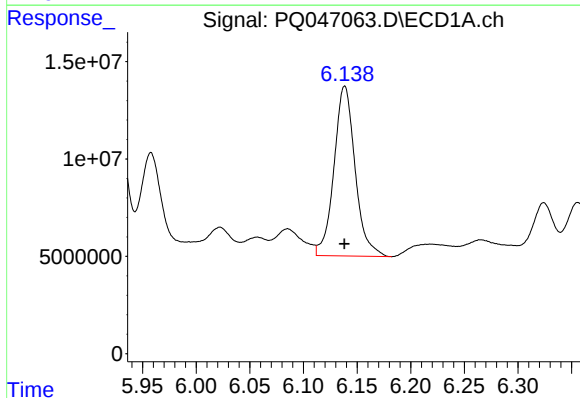
R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 77586054
Conc: 198.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



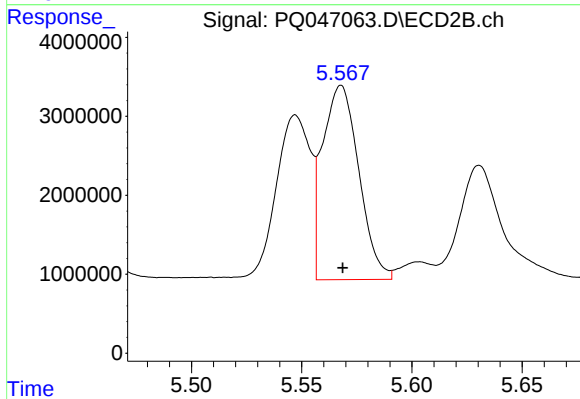
#11 AR-1232-1

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 10779803
Conc: 226.34 ng/ml



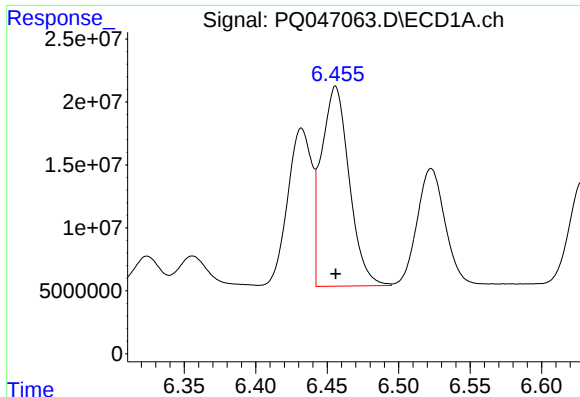
#12 AR-1232-2

R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 119636855
Conc: 553.52 ng/ml



#12 AR-1232-2

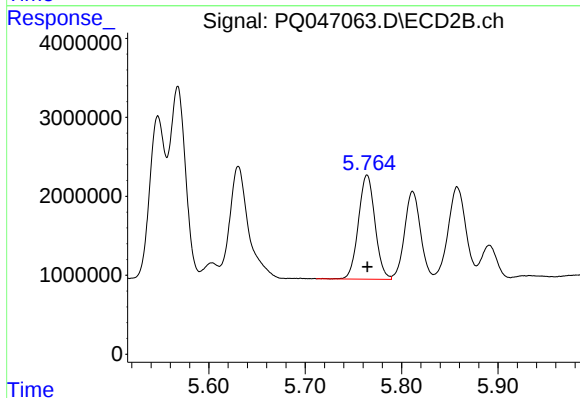
R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 28240635
Conc: 558.10 ng/ml



#13 AR-1232-3

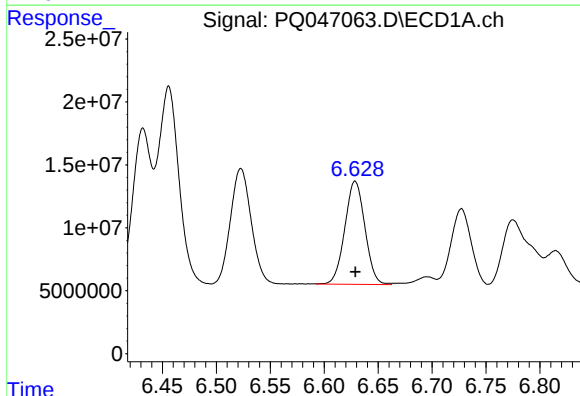
R.T.: 6.456 min
Delta R.T.: 0.000 min
Response: 214471144
Conc: 510.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



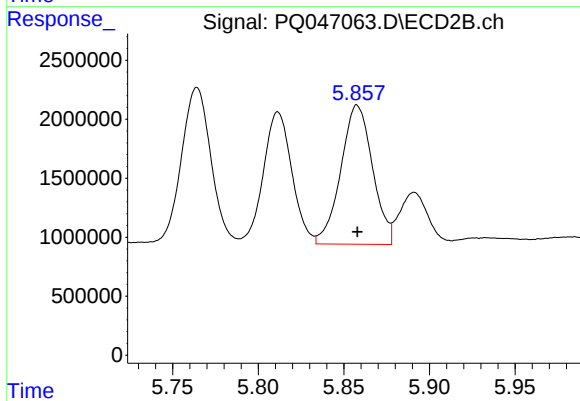
#13 AR-1232-3

R.T.: 5.764 min
Delta R.T.: 0.000 min
Response: 15759857
Conc: 596.82 ng/ml



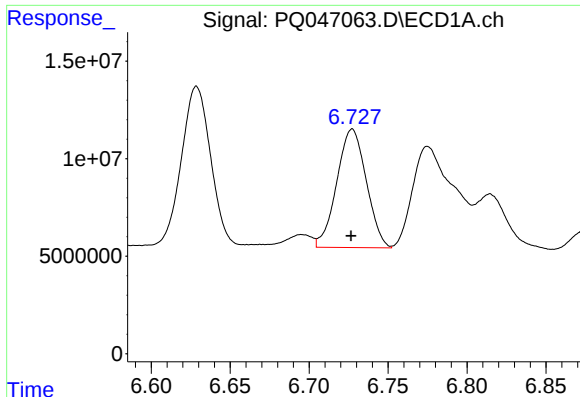
#14 AR-1232-4

R.T.: 6.629 min
Delta R.T.: 0.000 min
Response: 106151314
Conc: 492.45 ng/ml



#14 AR-1232-4

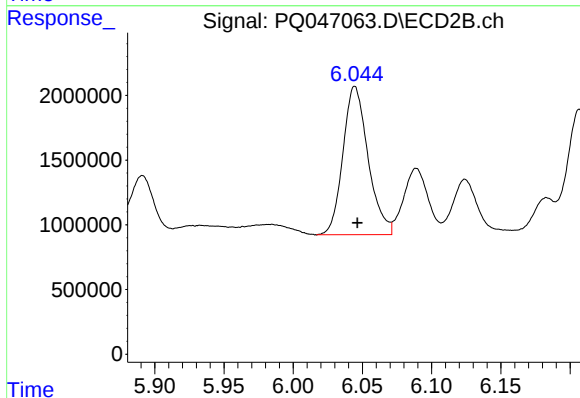
R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 15239057
Conc: 642.99 ng/ml



#15 AR-1232-5

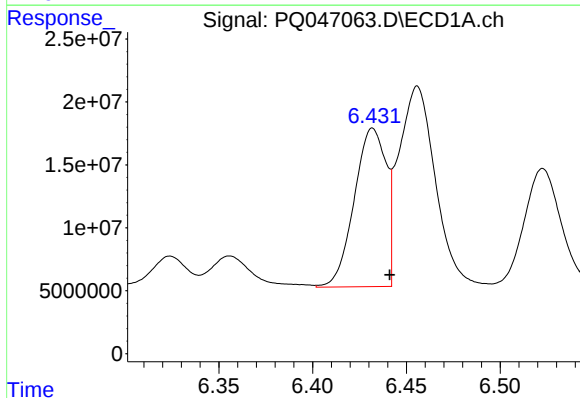
R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 79037615
Conc: 540.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



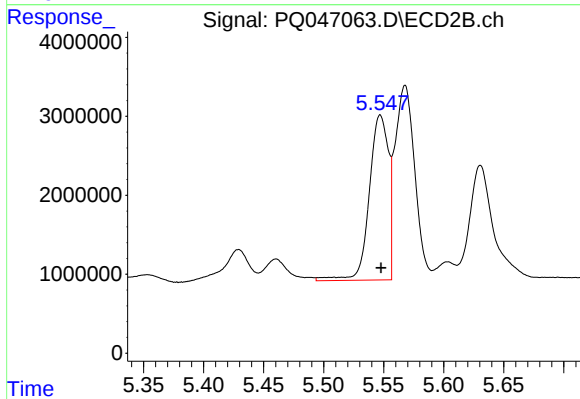
#15 AR-1232-5

R.T.: 6.045 min
Delta R.T.: -0.002 min
Response: 14514696
Conc: 539.47 ng/ml



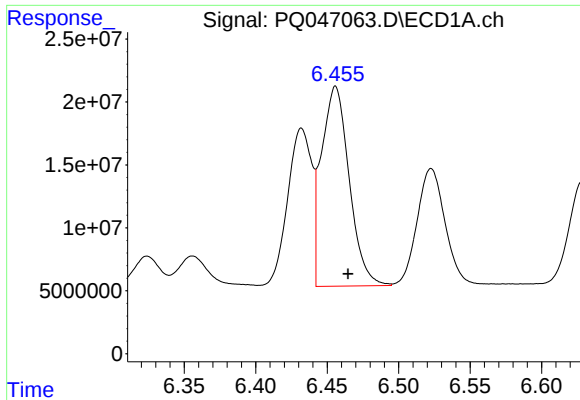
#16 AR-1242-1

R.T.: 6.432 min
Delta R.T.: -0.009 min
Response: 149139519
Conc: 257.50 ng/ml



#16 AR-1242-1

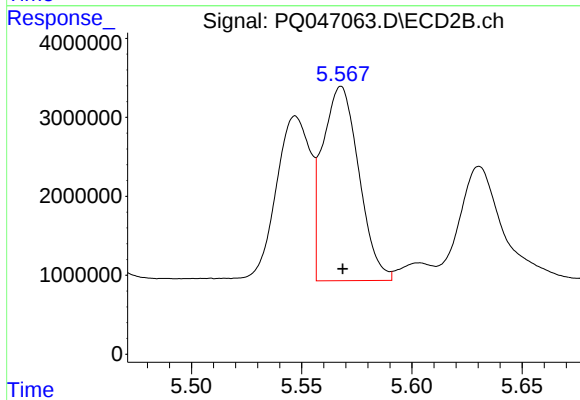
R.T.: 5.547 min
Delta R.T.: 0.000 min
Response: 23289696
Conc: 310.61 ng/ml



#17 AR-1242-2

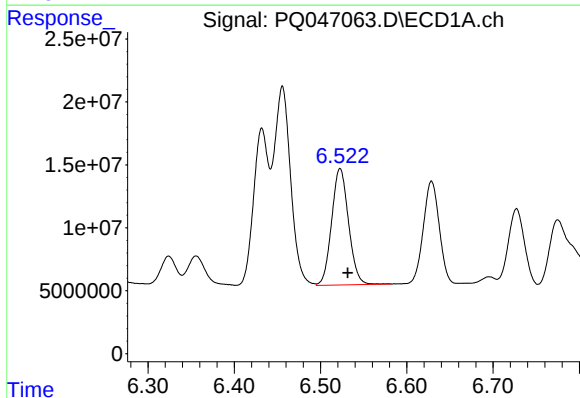
R.T.: 6.456 min
Delta R.T.: -0.009 min
Response: 214471144
Conc: 262.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



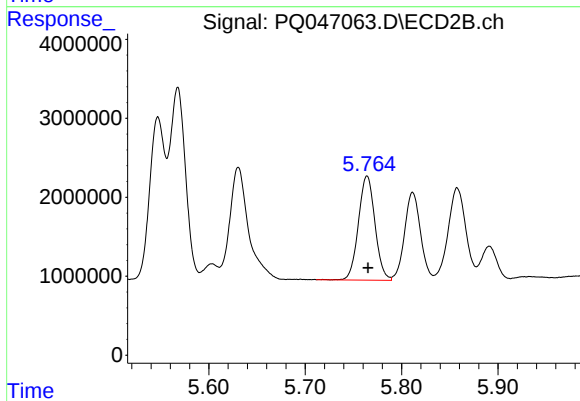
#17 AR-1242-2

R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 28240635
Conc: 279.37 ng/ml



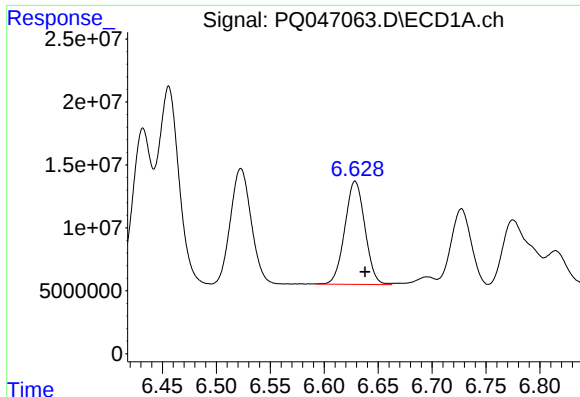
#18 AR-1242-3

R.T.: 6.523 min
Delta R.T.: -0.009 min
Response: 125978166
Conc: 254.09 ng/ml



#18 AR-1242-3

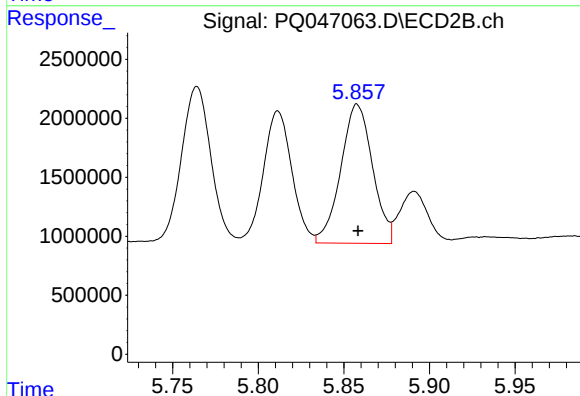
R.T.: 5.764 min
Delta R.T.: 0.000 min
Response: 15759857
Conc: 285.74 ng/ml



#19 AR-1242-4

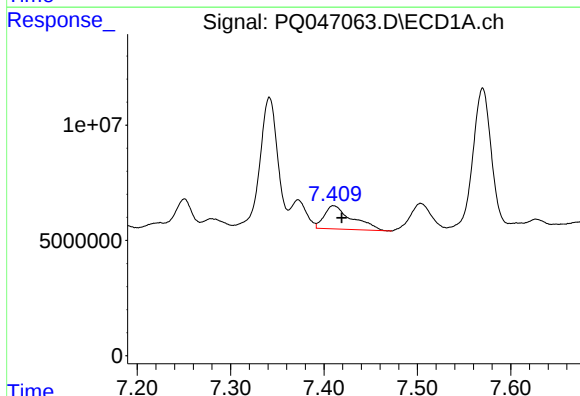
R.T.: 6.629 min
Delta R.T.: -0.009 min
Response: 106151314
Conc: 247.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



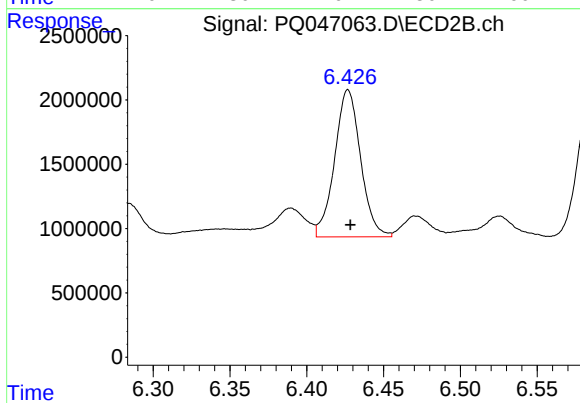
#19 AR-1242-4

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 15239057
Conc: 286.87 ng/ml



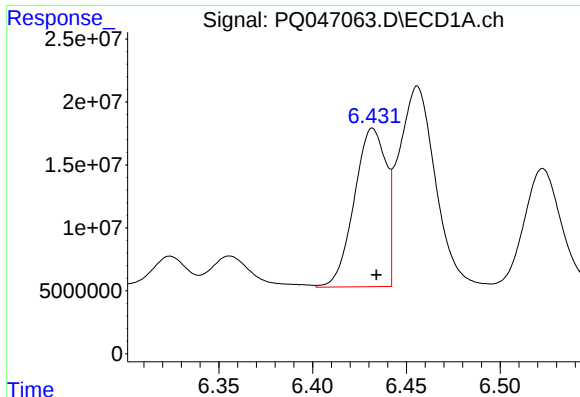
#20 AR-1242-5

R.T.: 7.410 min
Delta R.T.: -0.009 min
Response: 20968824
Conc: 44.63 ng/ml



#20 AR-1242-5

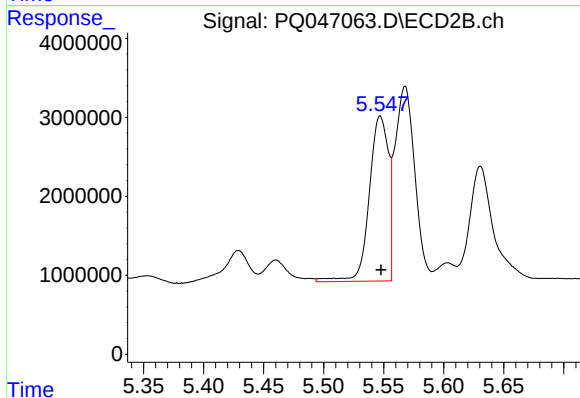
R.T.: 6.427 min
Delta R.T.: -0.001 min
Response: 13487005
Conc: 187.30 ng/ml



#21 AR-1248-1

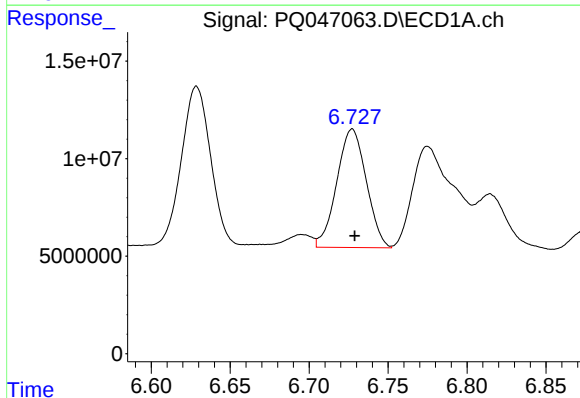
R.T.: 6.432 min
Delta R.T.: -0.002 min
Response: 149139519
Conc: 316.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



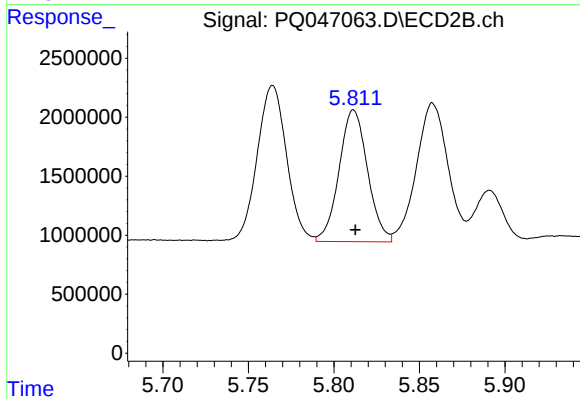
#21 AR-1248-1

R.T.: 5.547 min
Delta R.T.: 0.000 min
Response: 23289696
Conc: 387.76 ng/ml



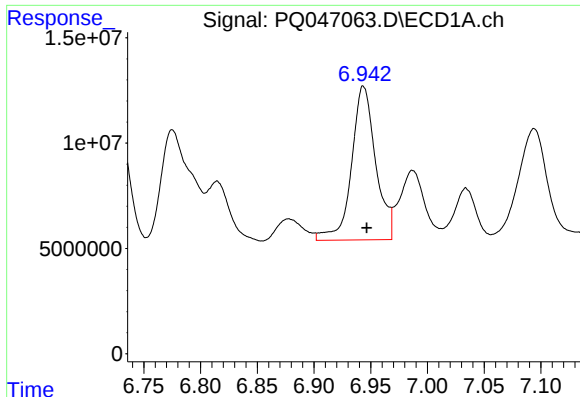
#22 AR-1248-2

R.T.: 6.727 min
Delta R.T.: -0.002 min
Response: 79037615
Conc: 122.84 ng/ml



#22 AR-1248-2

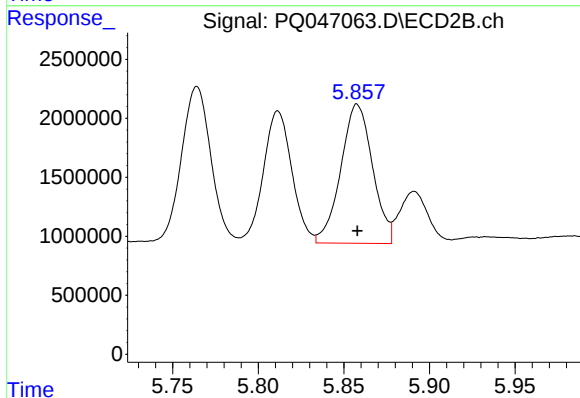
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 12950806
Conc: 167.03 ng/ml



#23 AR-1248-3

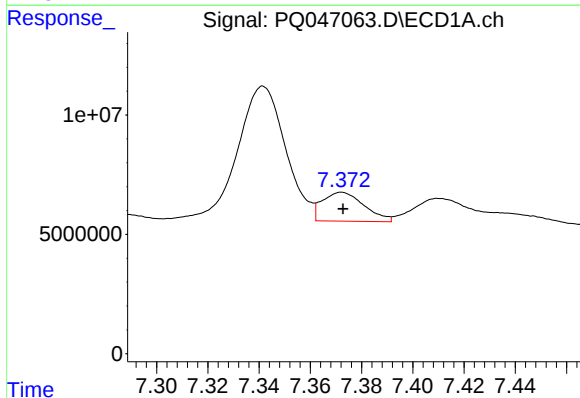
R.T.: 6.944 min
Delta R.T.: -0.003 min
Response: 108404677
Conc: 150.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



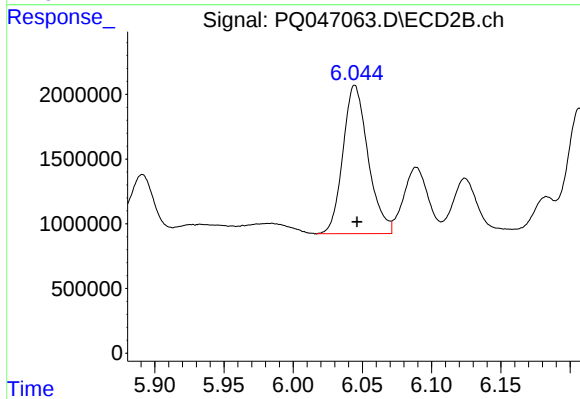
#23 AR-1248-3

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 15239057
Conc: 190.76 ng/ml



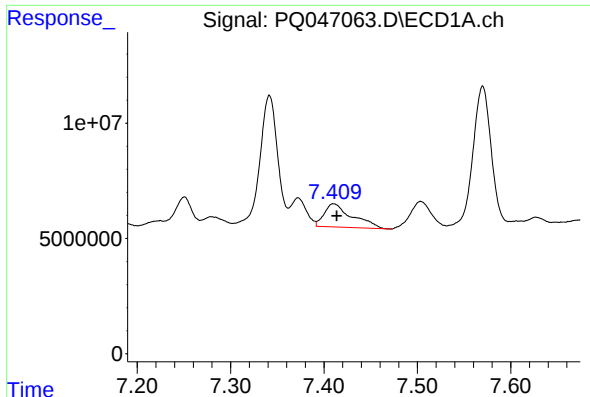
#24 AR-1248-4

R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 13738981
Conc: 16.93 ng/ml



#24 AR-1248-4

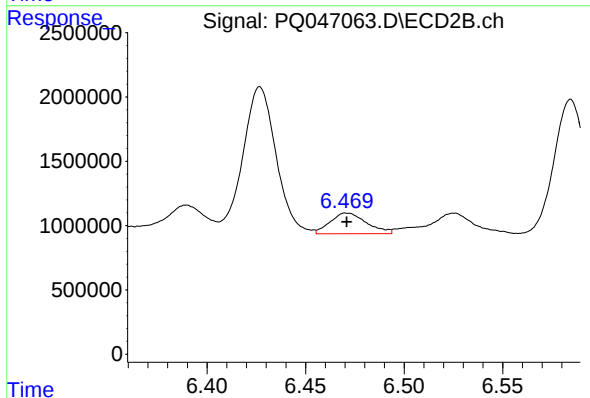
R.T.: 6.045 min
Delta R.T.: -0.002 min
Response: 14514696
Conc: 153.42 ng/ml



#25 AR-1248-5

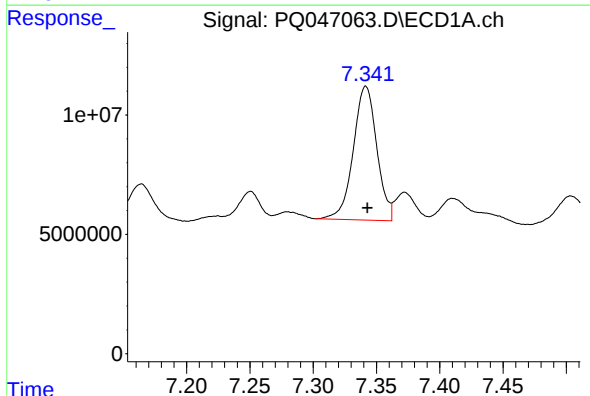
R.T.: 7.410 min
Delta R.T.: -0.003 min
Response: 20968824
Conc: 27.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



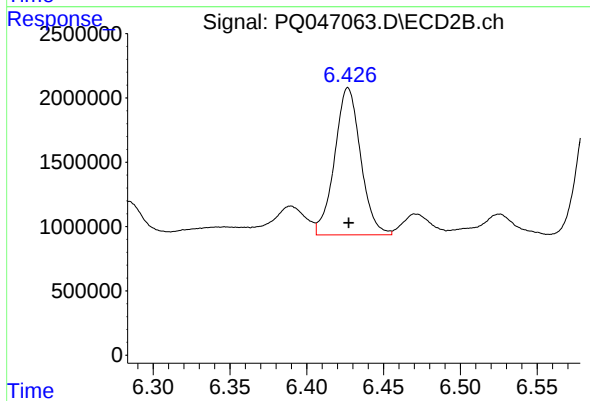
#25 AR-1248-5

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 2072822
Conc: 19.68 ng/ml



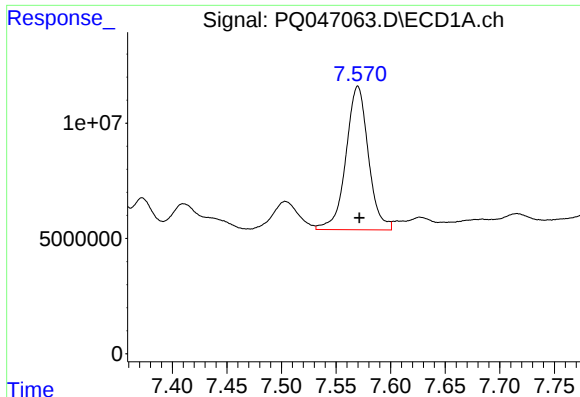
#26 AR-1254-1

R.T.: 7.342 min
Delta R.T.: -0.001 min
Response: 72512611
Conc: 93.92 ng/ml



#26 AR-1254-1

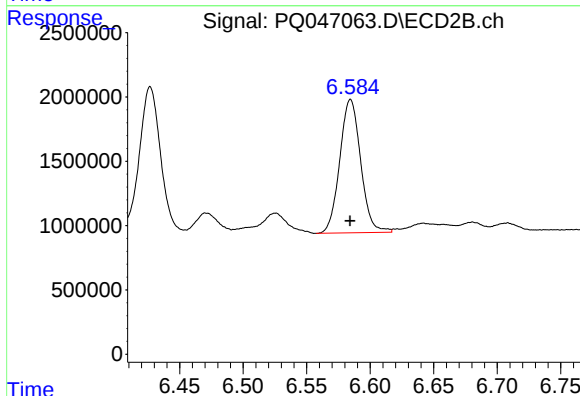
R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 13487005
Conc: 90.36 ng/ml



#27 AR-1254-2

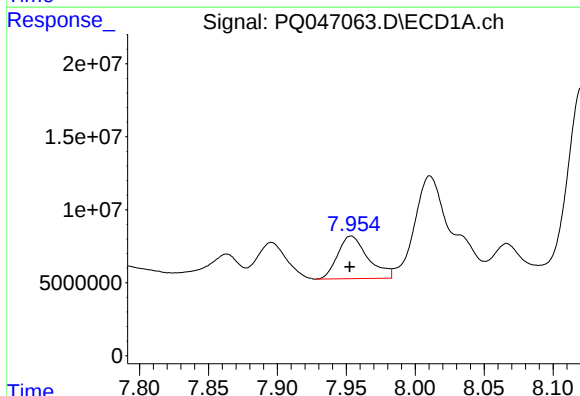
R.T.: 7.570 min
Delta R.T.: -0.001 min
Response: 89129773
Conc: 75.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



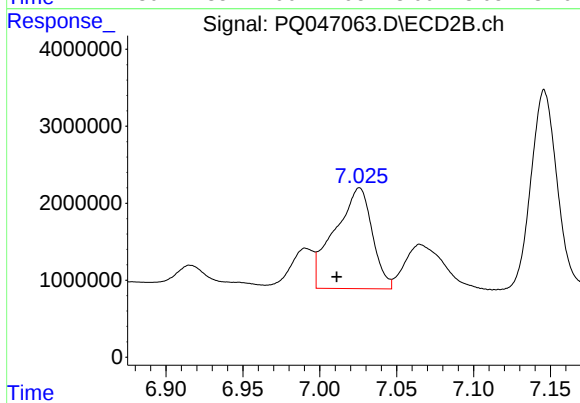
#27 AR-1254-2

R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 11904880
Conc: 92.70 ng/ml



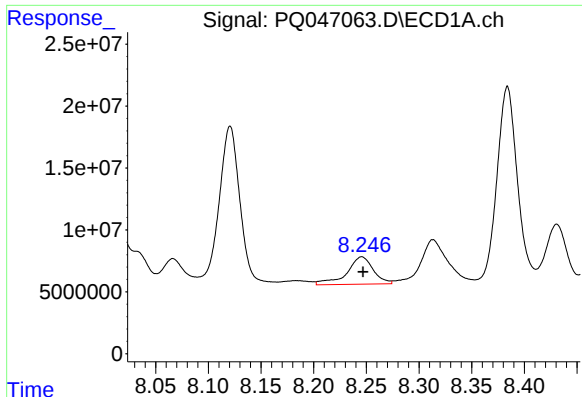
#28 AR-1254-3

R.T.: 7.953 min
Delta R.T.: 0.000 min
Response: 44549917
Conc: 38.17 ng/ml



#28 AR-1254-3

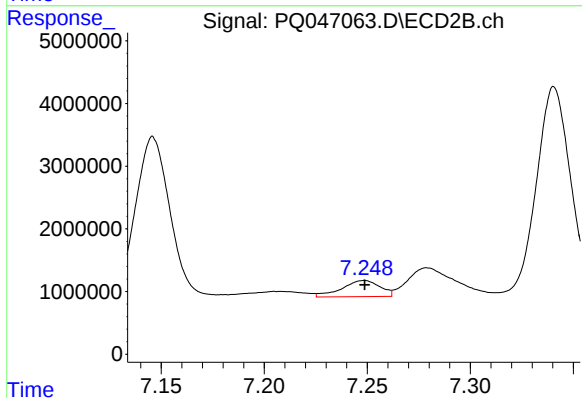
R.T.: 7.026 min
Delta R.T.: 0.015 min
Response: 22173294
Conc: 104.37 ng/ml



#29 AR-1254-4

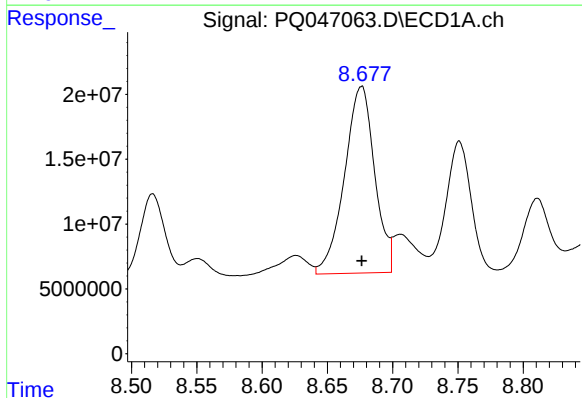
R.T.: 8.246 min
Delta R.T.: -0.001 min
Response: 38547108
Conc: 41.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



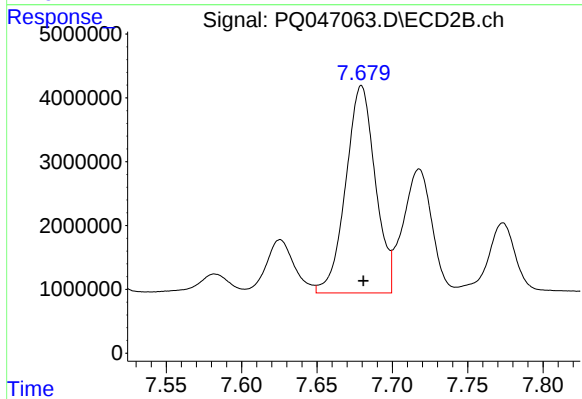
#29 AR-1254-4

R.T.: 7.248 min
Delta R.T.: 0.000 min
Response: 3331646
Conc: 24.59 ng/ml



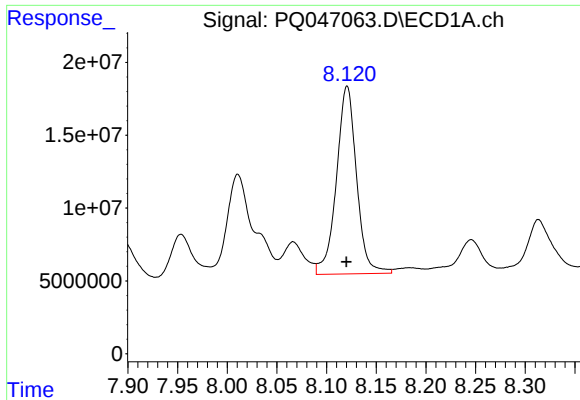
#30 AR-1254-5

R.T.: 8.676 min
Delta R.T.: 0.000 min
Response: 231859042
Conc: 276.33 ng/ml



#30 AR-1254-5

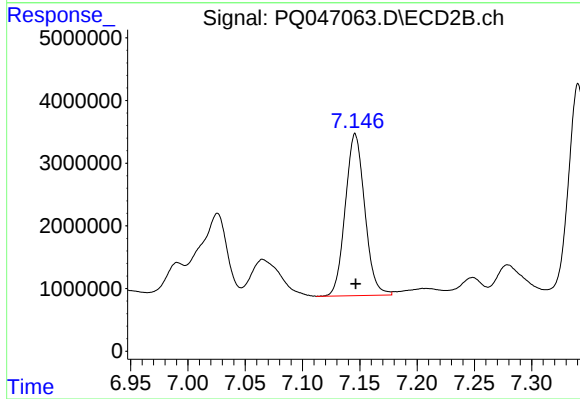
R.T.: 7.680 min
Delta R.T.: -0.001 min
Response: 44316523
Conc: 241.21 ng/ml



#31 AR-1260-1

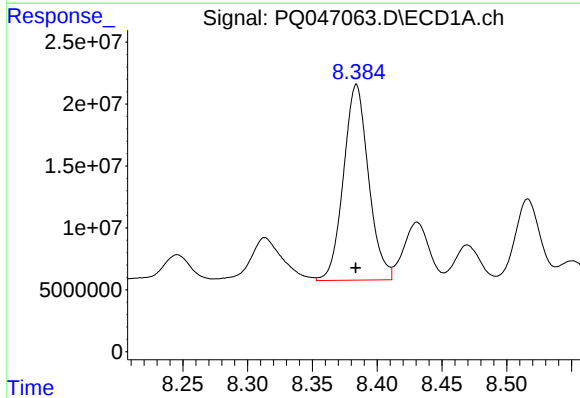
R.T.: 8.121 min
Delta R.T.: 0.000 min
Response: 182229033
Conc: 174.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



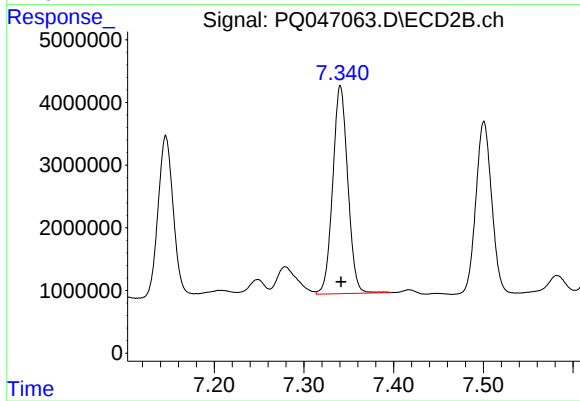
#31 AR-1260-1

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 30556926
Conc: 174.71 ng/ml



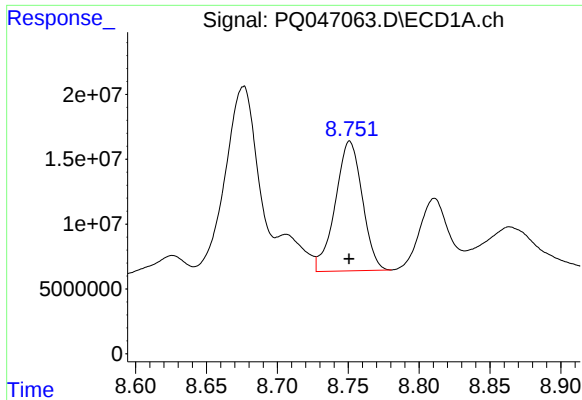
#32 AR-1260-2

R.T.: 8.384 min
Delta R.T.: 0.000 min
Response: 212411676
Conc: 154.62 ng/ml



#32 AR-1260-2

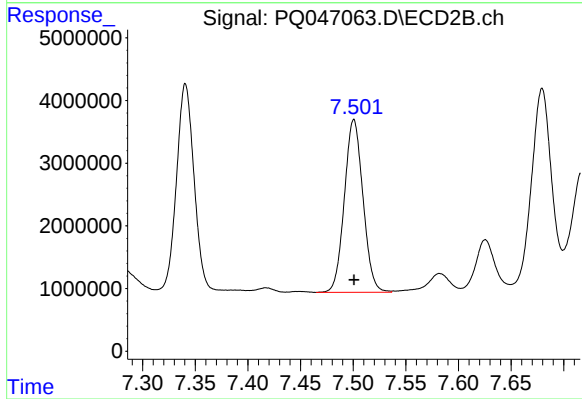
R.T.: 7.341 min
Delta R.T.: 0.000 min
Response: 38721464
Conc: 179.69 ng/ml



#33 AR-1260-3

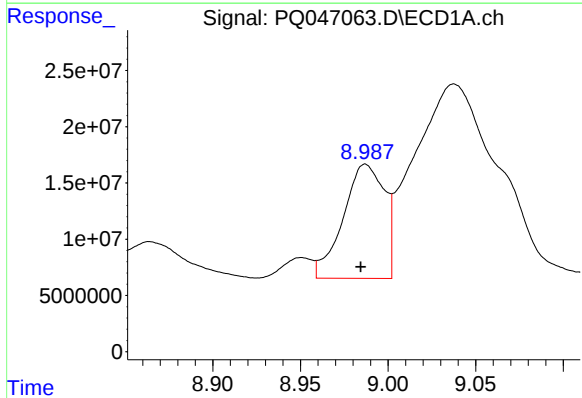
R.T.: 8.751 min
Delta R.T.: 0.000 min
Response: 132666820
Conc: 123.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



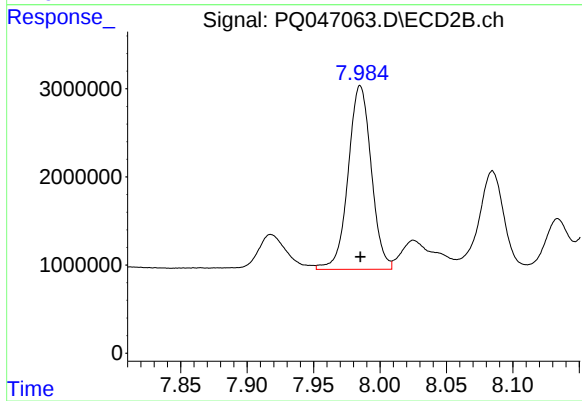
#33 AR-1260-3

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 33958889
Conc: 168.85 ng/ml



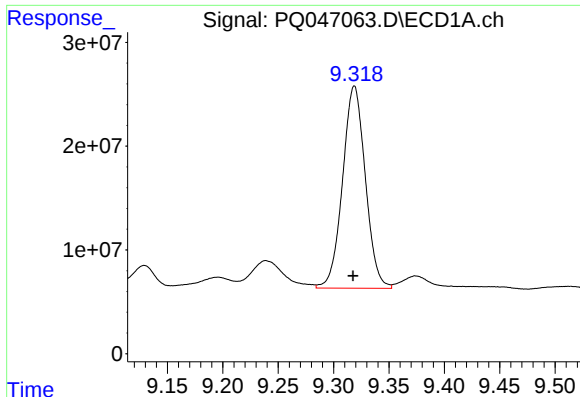
#34 AR-1260-4

R.T.: 8.987 min
Delta R.T.: 0.003 min
Response: 166585707
Conc: 166.99 ng/ml



#34 AR-1260-4

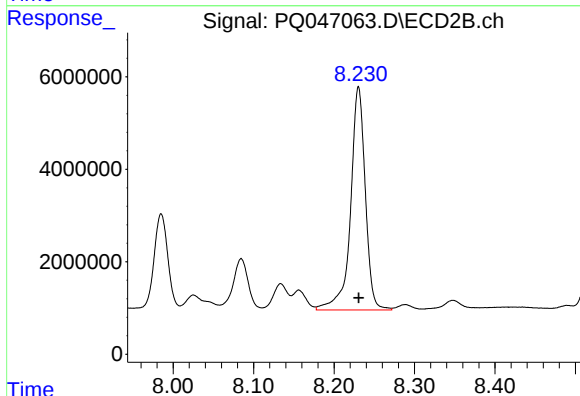
R.T.: 7.985 min
Delta R.T.: 0.000 min
Response: 25242355
Conc: 143.98 ng/ml



#35 AR-1260-5

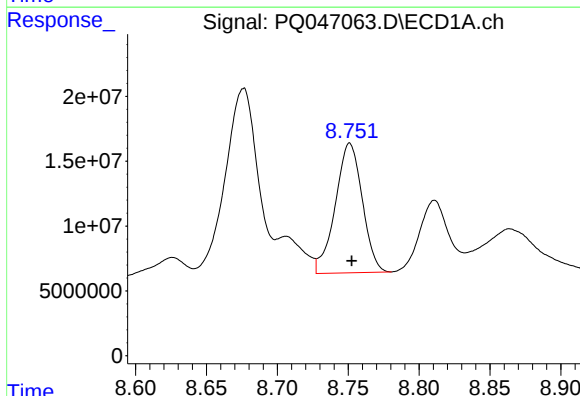
R.T.: 9.319 min
Delta R.T.: 0.001 min
Response: 278879752
Conc: 134.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



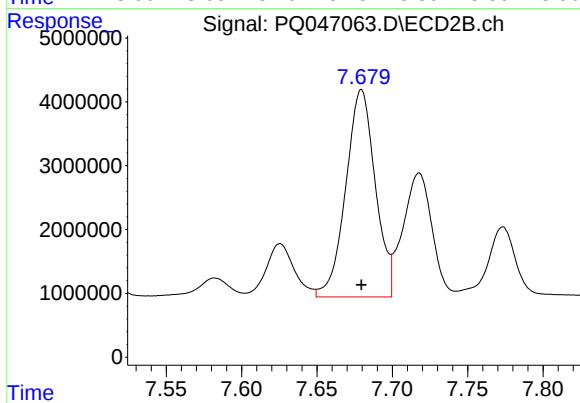
#35 AR-1260-5

R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: 61527905
Conc: 141.22 ng/ml



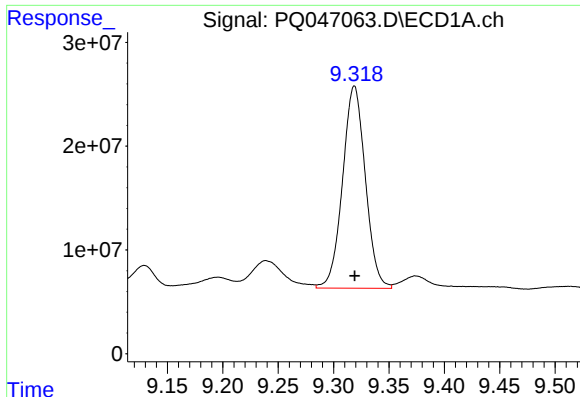
#36 AR-1262-1

R.T.: 8.751 min
Delta R.T.: -0.001 min
Response: 132666820
Conc: 102.02 ng/ml



#36 AR-1262-1

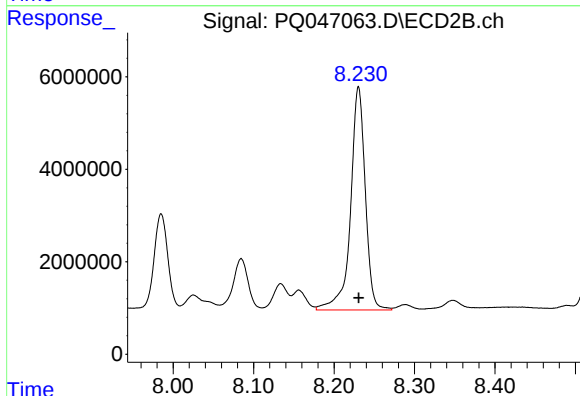
R.T.: 7.680 min
Delta R.T.: 0.000 min
Response: 44316523
Conc: 410.12 ng/ml



#37 AR-1262-2

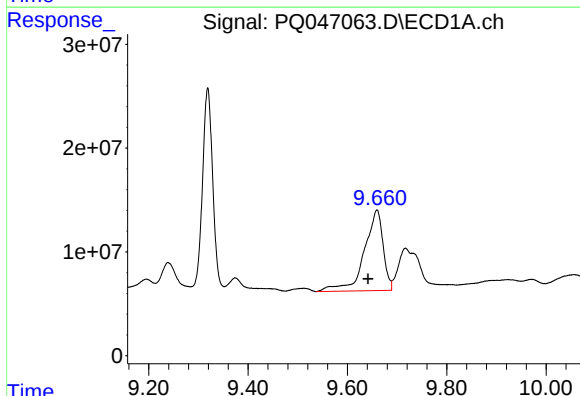
R.T.: 9.319 min
Delta R.T.: 0.000 min
Response: 278879752
Conc: 143.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



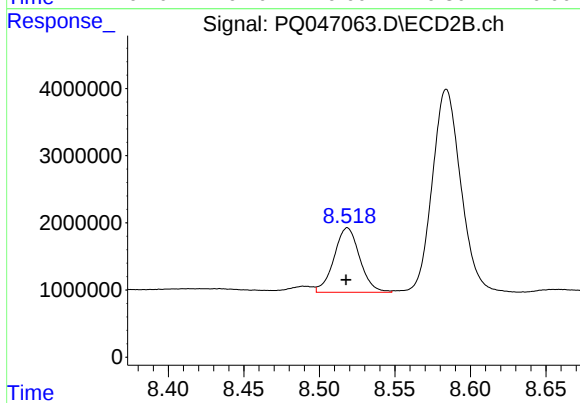
#37 AR-1262-2

R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: 61527905
Conc: 155.41 ng/ml



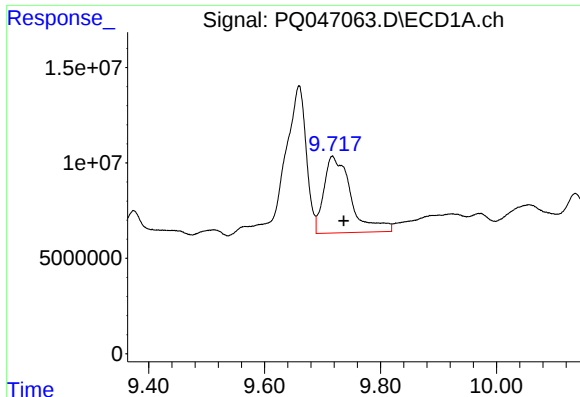
#38 AR-1262-3

R.T.: 9.660 min
Delta R.T.: 0.018 min
Response: 204664929
Conc: 167.46 ng/ml



#38 AR-1262-3

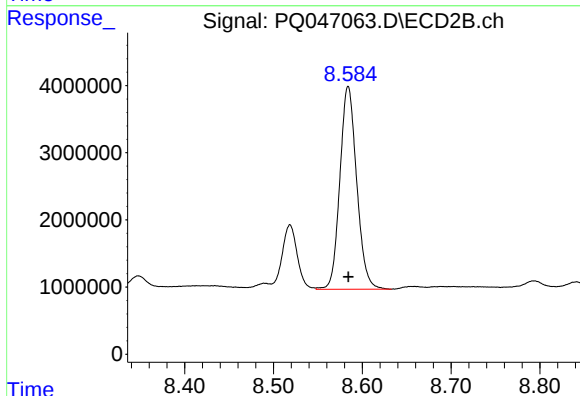
R.T.: 8.519 min
Delta R.T.: 0.000 min
Response: 11388023
Conc: 76.11 ng/ml



#39 AR-1262-4

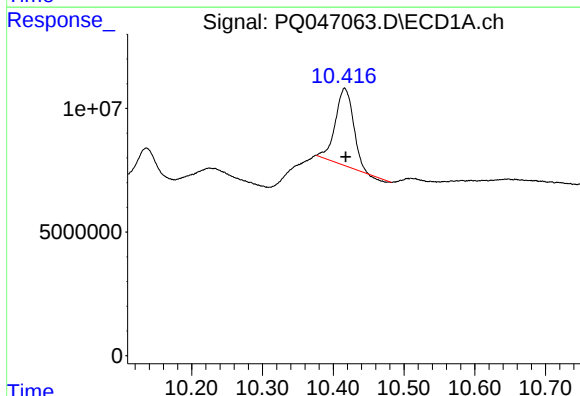
R.T.: 9.717 min
Delta R.T.: -0.019 min
Response: 130604209
Conc: 143.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



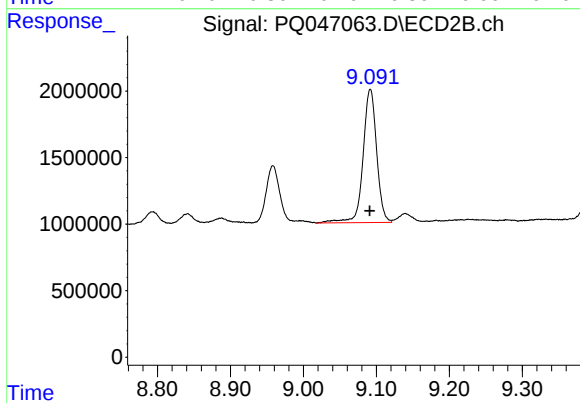
#39 AR-1262-4

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 39742558
Conc: 139.90 ng/ml



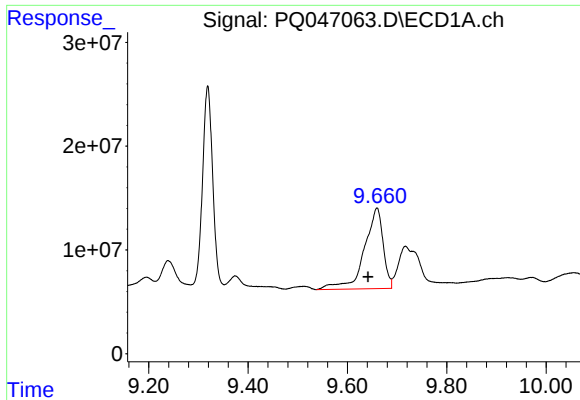
#40 AR-1262-5

R.T.: 10.416 min
Delta R.T.: -0.001 min
Response: 54569515
Conc: 96.56 ng/ml



#40 AR-1262-5

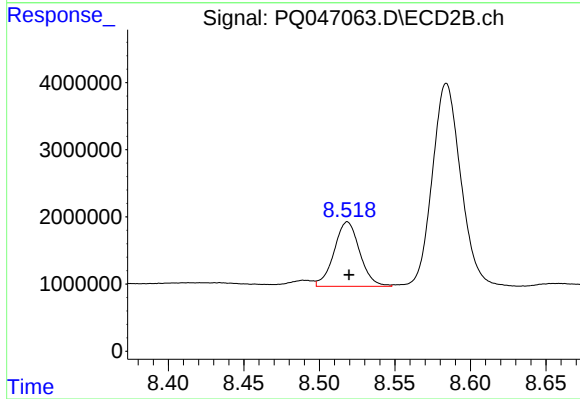
R.T.: 9.092 min
Delta R.T.: 0.000 min
Response: 12951756
Conc: 99.92 ng/ml



#41 AR-1268-1

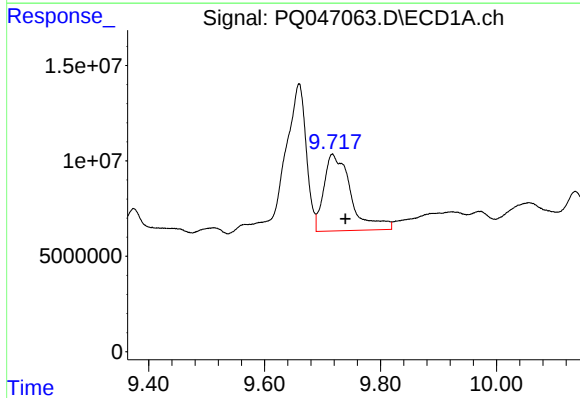
R.T.: 9.660 min
Delta R.T.: 0.018 min
Response: 204664929
Conc: 96.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



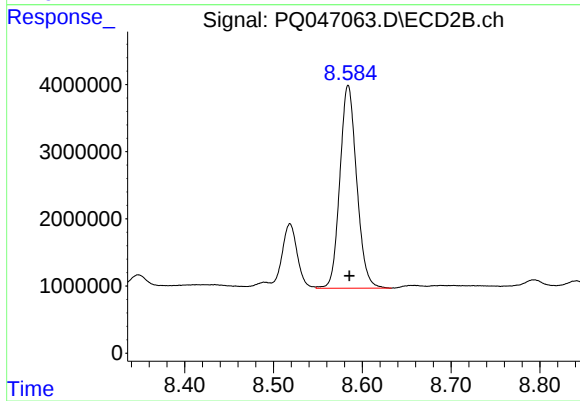
#41 AR-1268-1

R.T.: 8.519 min
Delta R.T.: -0.001 min
Response: 11388023
Conc: 26.45 ng/ml



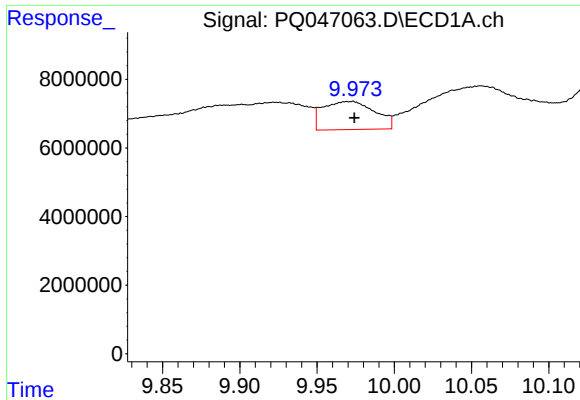
#42 AR-1268-2

R.T.: 9.717 min
Delta R.T.: -0.022 min
Response: 130604209
Conc: 72.21 ng/ml



#42 AR-1268-2

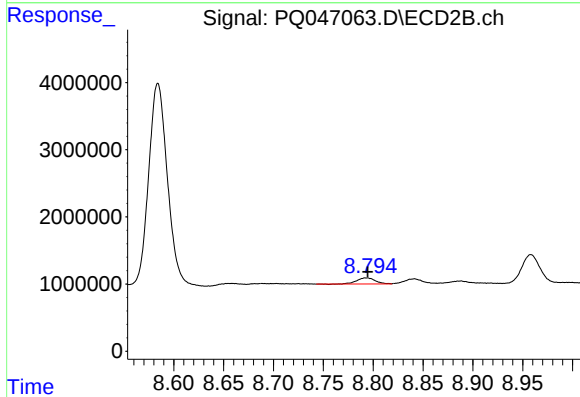
R.T.: 8.584 min
Delta R.T.: -0.001 min
Response: 39742558
Conc: 101.32 ng/ml



#43 AR-1268-3

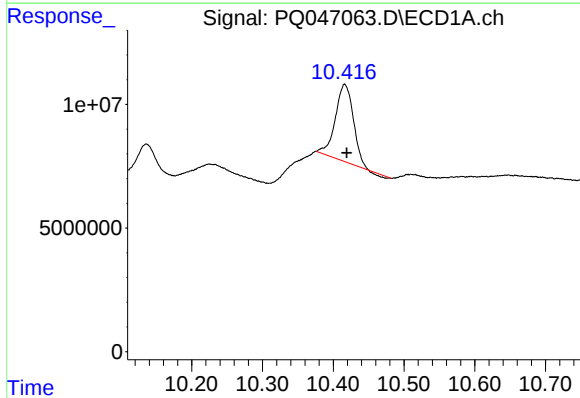
R.T.: 9.970 min
Delta R.T.: -0.005 min
Response: 19230487
Conc: 12.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



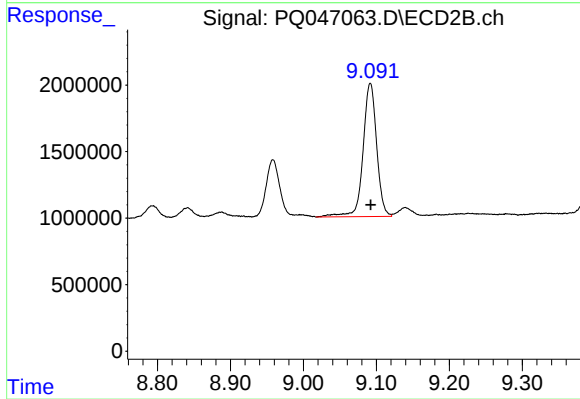
#43 AR-1268-3

R.T.: 8.793 min
Delta R.T.: -0.001 min
Response: 1168533
Conc: 3.67 ng/ml



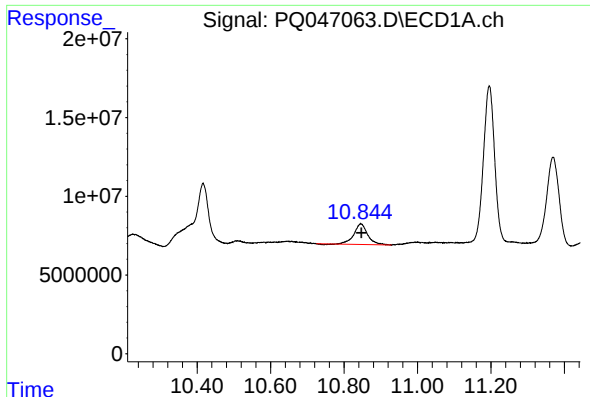
#44 AR-1268-4

R.T.: 10.416 min
Delta R.T.: -0.003 min
Response: 54569515
Conc: 89.67 ng/ml



#44 AR-1268-4

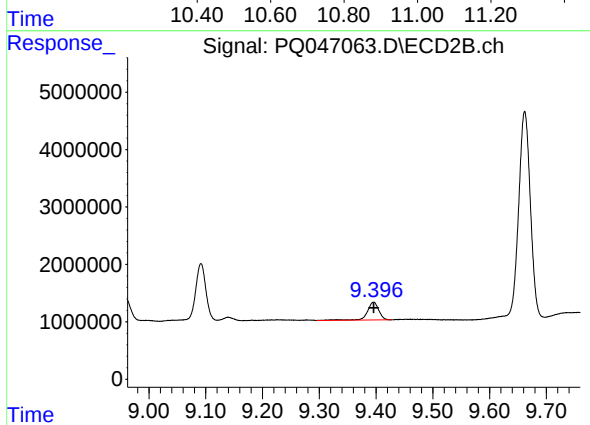
R.T.: 9.092 min
Delta R.T.: 0.000 min
Response: 12951756
Conc: 93.18 ng/ml



#45 AR-1268-5

R.T.: 10.846 min
Delta R.T.: -0.002 min
Response: 34087221
Conc: 9.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.396 min
Delta R.T.: 0.000 min
Response: 4389946
Conc: 4.36 ng/ml