

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122320\
 Data File : PQ051517.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Dec 2020 19:28
 Operator : DD\AJ
 Sample : L5169-19
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 23 22:24:50 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122220.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Dec 23 04:30:42 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...	5.238	4.258	341.8E6	94945038	13.937	13.207
2)	SA Decachlor...	11.434	9.610	206.3E6	61675091	10.393	9.852
Target Compounds							
3)	L1 AR-1016-1	6.559	5.501	603013	1956179	0.716	7.493 #
4)	L1 AR-1016-2	6.559f	5.543	603013	4328976	0.485	11.998 #
5)	L1 AR-1016-3	6.646	5.743	6920381	1727427	9.454	9.337
6)	L1 AR-1016-4	6.764	5.782	7049005	1844041	11.495	12.736
7)	L1 AR-1016-5	7.071	6.003	2792207	205503	4.658	1.124 #
8)	L2 AR-1221-1	5.498	4.503	19665653	1017212	78.540	13.650 #
9)	L2 AR-1221-2	5.596	4.612	5012464	1624115	26.641	29.873
10)	L2 AR-1221-3	5.689f	4.703	3250630	457820	5.561	2.631 #
11)	L3 AR-1232-1	5.689f	4.703	3250630	457820	6.566	3.081 #
12)	L3 AR-1232-2	0.000	5.543	0	4328976	N.D.	28.346 #
13)	L3 AR-1232-3	6.559f	5.743	603013	1727427	1.129	22.616 #
14)	L3 AR-1232-4	6.764	5.825	7049005	658648	26.693	10.051 #
15)	L3 AR-1232-5	6.852	6.003	2213571	205503	11.748	2.869 #
16)	L4 AR-1242-1	6.559	5.501	603013	1956179	0.920	9.732 #
17)	L4 AR-1242-2	6.559f	5.543	603013	4328976	0.625	15.557 #
18)	L4 AR-1242-3	6.646	5.743f	6920381	1727427	11.960	11.703
19)	L4 AR-1242-4	6.764	5.825	7049005	658648	14.497	4.757 #
20)	L4 AR-1242-5	7.544	6.389	11471317	10191059	21.924	56.025 #
21)	L5 AR-1248-1	6.559	5.501	603013	1956179	1.221	12.945 #
22)	L5 AR-1248-2	6.852	5.782	2213571	1844041	3.186	9.183 #
23)	L5 AR-1248-3	7.071	5.825	2792207	658648	3.483	3.155
24)	L5 AR-1248-4	7.504	6.003	8848997	205503	9.542	0.828 #
25)	L5 AR-1248-5	7.544	6.430	11471317	1364662	12.523	5.312 #
26)	L6 AR-1254-1	7.468	6.389	25520382	10191059	28.670	26.195
27)	L6 AR-1254-2	7.697	6.547	42998949	15010745	30.901	44.887 #
28)	L6 AR-1254-3	8.082	6.969	72323585	32417745	47.791	58.148
29)	L6 AR-1254-4	8.375	7.207	42268526	14325547	38.967	42.027
30)	L6 AR-1254-5	8.805	7.637	109.6E6	39238380	94.165	81.019
31)	L7 AR-1260-1	8.247	7.106	42941063	20136194	41.134	57.751 #
32)	L7 AR-1260-2	8.510	7.301	69585004	21507281	55.546	50.350
33)	L7 AR-1260-3	8.877	7.458	128.5E6	21820296	139.933	53.387 #
34)	L7 AR-1260-4	9.139f	7.942	211.9E6	61285101	199.092	178.590
35)	L7 AR-1260-5	9.468	8.188	105.6E6	36826828	47.473	43.929
36)	L8 AR-1262-1	8.877	7.637	128.5E6	39238380	90.925	148.076 #
37)	L8 AR-1262-2	9.468	8.188	105.6E6	36826828	40.081	38.400
38)	L8 AR-1262-3	9.801	8.477	728.6E6	263.9E6	652.037	746.602
39)	L8 AR-1262-4	9.904	8.542	538.0E6	214.4E6	424.046	309.947 #
40)	L8 AR-1262-5	10.618	9.045	168.7E6	48605695	187.821	161.234
41)	L9 AR-1268-1	9.801	8.477	728.6E6	263.9E6	260.995	269.735

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 Acq On : 23 Dec 2020 19:28
 Operator : DD\AJ
 Sample : L5169-19
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

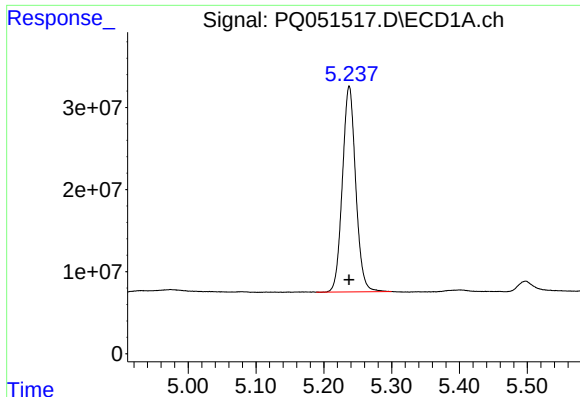
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 23 22:24:50 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122220.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	9.904	8.542	538.0E6	214.4E6	212.135	237.212
43) L9	AR-1268-3	10.148	8.753	420.6E6	153.0E6	194.507	202.341
44) L9	AR-1268-4	10.618	9.045	168.7E6	48605695	184.970	156.623
45) L9	AR-1268-5	11.067	9.346	1275.7E6	385.6E6	179.948	161.081

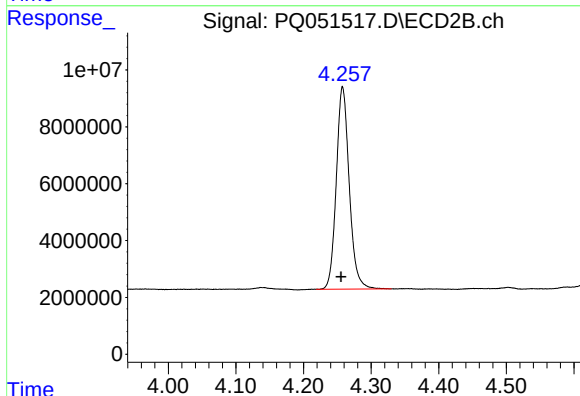
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

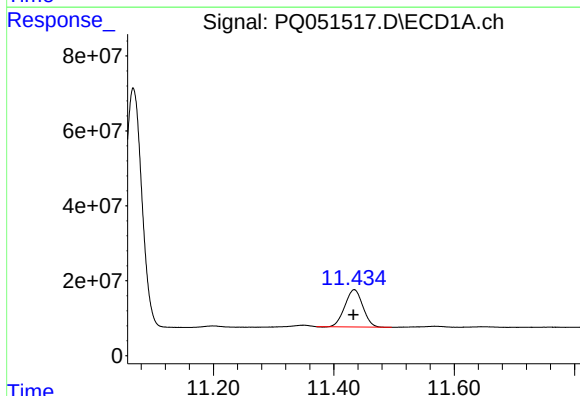
R.T.: 5.238 min
Delta R.T.: 0.000 min
Response: 341809856
Conc: 13.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



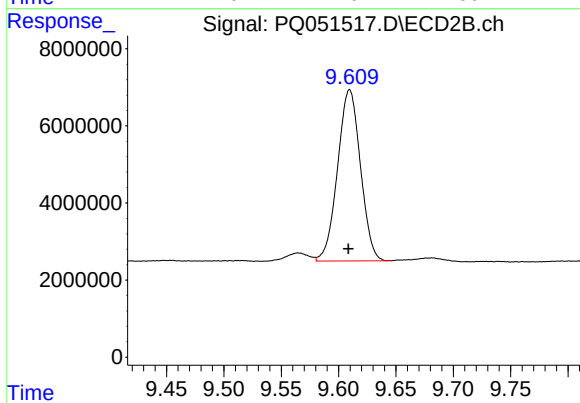
#1 Tetrachloro-m-xylene

R.T.: 4.258 min
Delta R.T.: 0.002 min
Response: 94945038
Conc: 13.21 ng/ml



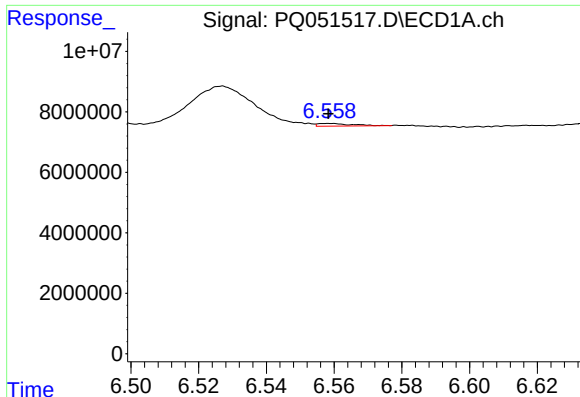
#2 Decachlorobiphenyl

R.T.: 11.434 min
Delta R.T.: 0.002 min
Response: 206322616
Conc: 10.39 ng/ml



#2 Decachlorobiphenyl

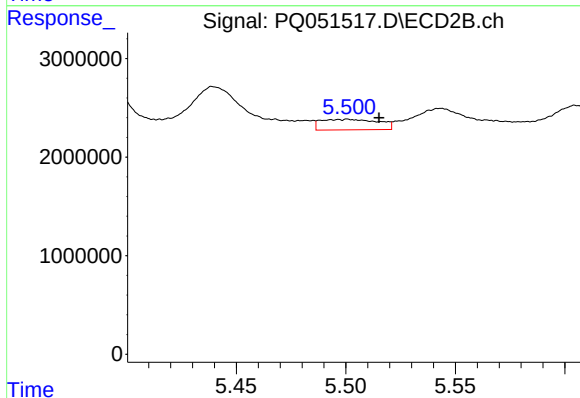
R.T.: 9.610 min
Delta R.T.: 0.000 min
Response: 61675091
Conc: 9.85 ng/ml



#3 AR-1016-1

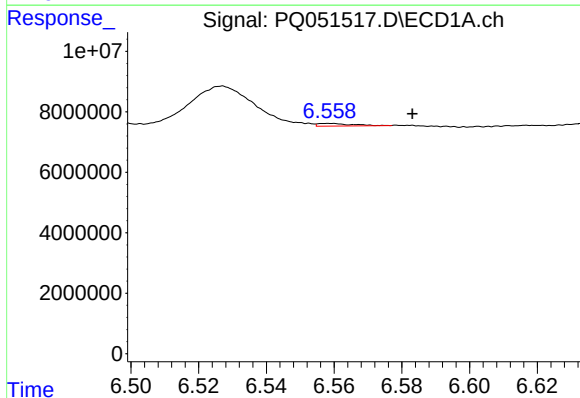
R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 603013
Conc: 0.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



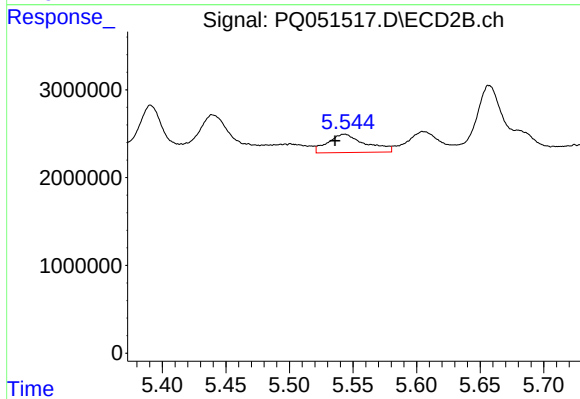
#3 AR-1016-1

R.T.: 5.501 min
Delta R.T.: -0.014 min
Response: 1956179
Conc: 7.49 ng/ml



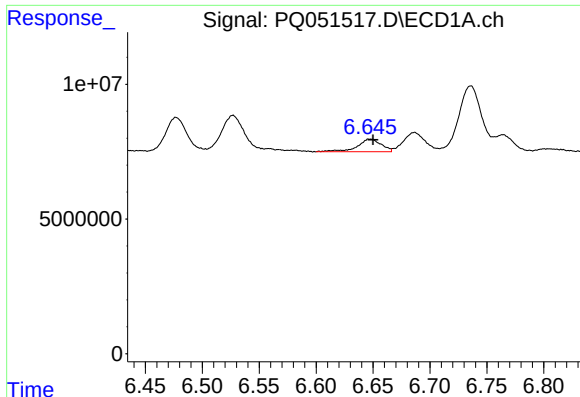
#4 AR-1016-2

R.T.: 6.559 min
Delta R.T.: -0.024 min
Response: 603013
Conc: 0.49 ng/ml



#4 AR-1016-2

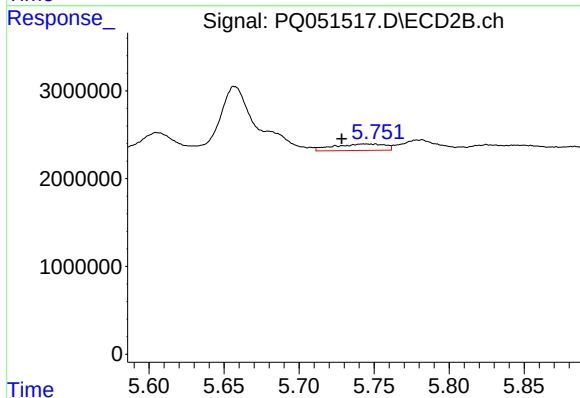
R.T.: 5.543 min
Delta R.T.: 0.008 min
Response: 4328976
Conc: 12.00 ng/ml



#5 AR-1016-3

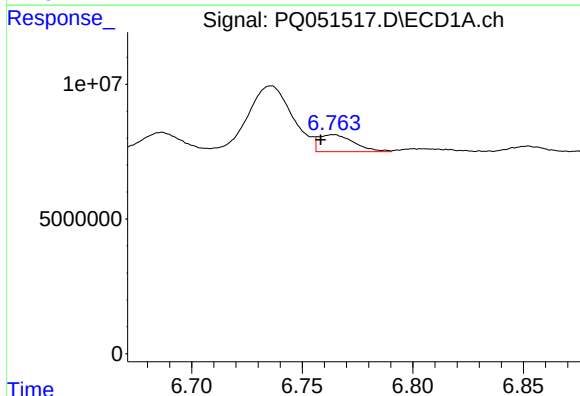
R.T.: 6.646 min
Delta R.T.: -0.004 min
Response: 6920381
Conc: 9.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



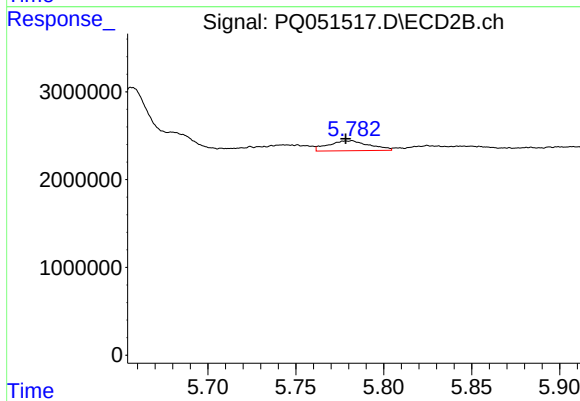
#5 AR-1016-3

R.T.: 5.743 min
Delta R.T.: 0.015 min
Response: 1727427
Conc: 9.34 ng/ml



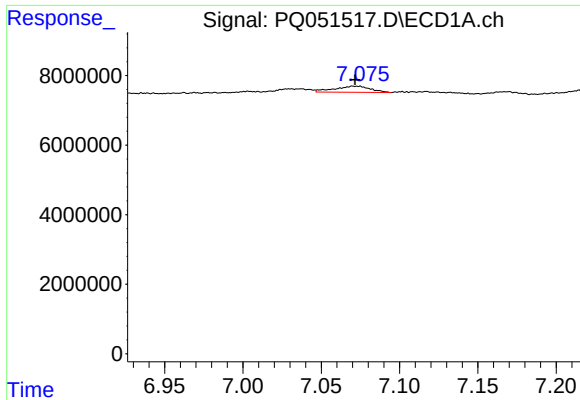
#6 AR-1016-4

R.T.: 6.764 min
Delta R.T.: 0.006 min
Response: 7049005
Conc: 11.49 ng/ml



#6 AR-1016-4

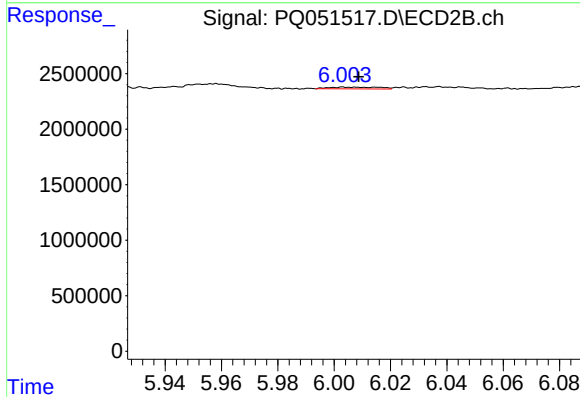
R.T.: 5.782 min
Delta R.T.: 0.004 min
Response: 1844041
Conc: 12.74 ng/ml



#7 AR-1016-5

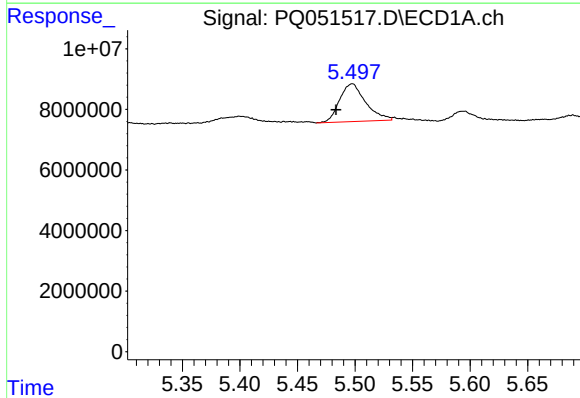
R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 2792207
Conc: 4.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



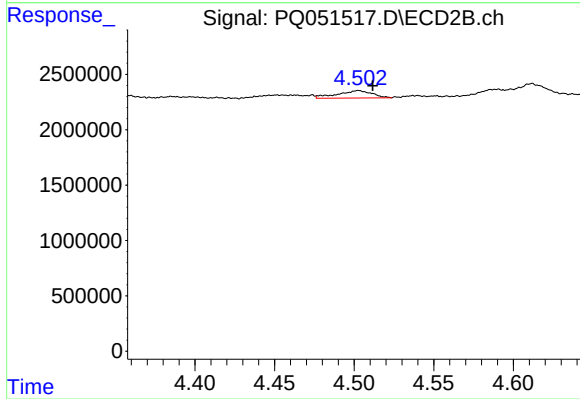
#7 AR-1016-5

R.T.: 6.003 min
Delta R.T.: -0.006 min
Response: 205503
Conc: 1.12 ng/ml



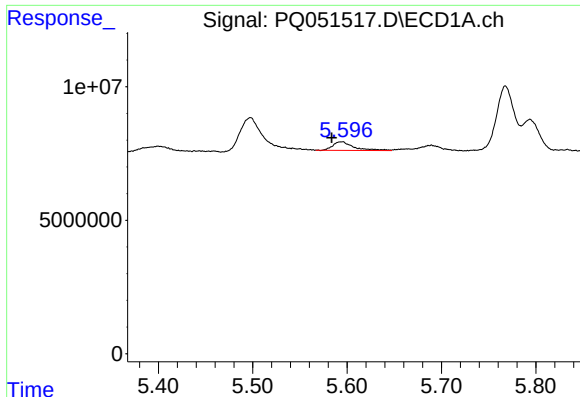
#8 AR-1221-1

R.T.: 5.498 min
Delta R.T.: 0.014 min
Response: 19665653
Conc: 78.54 ng/ml



#8 AR-1221-1

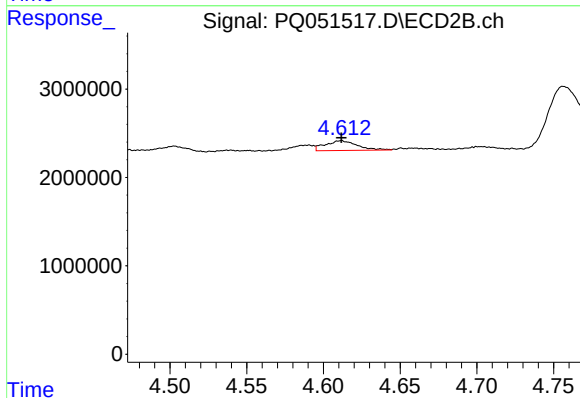
R.T.: 4.503 min
Delta R.T.: -0.009 min
Response: 1017212
Conc: 13.65 ng/ml



#9 AR-1221-2

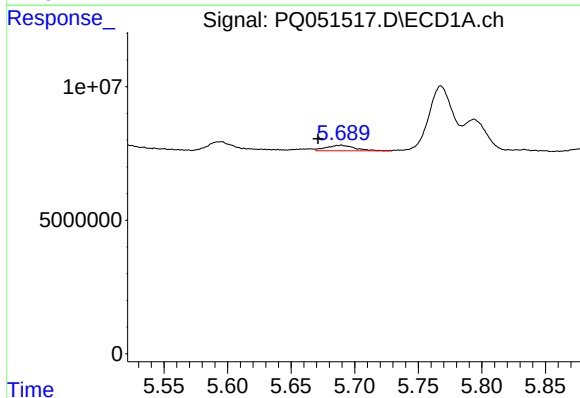
R.T.: 5.596 min
Delta R.T.: 0.012 min
Response: 5012464
Conc: 26.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



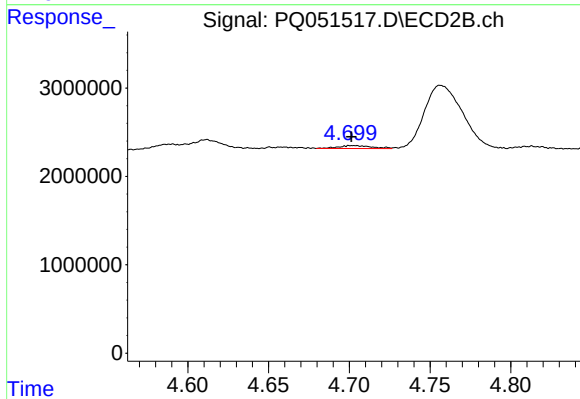
#9 AR-1221-2

R.T.: 4.612 min
Delta R.T.: 0.000 min
Response: 1624115
Conc: 29.87 ng/ml



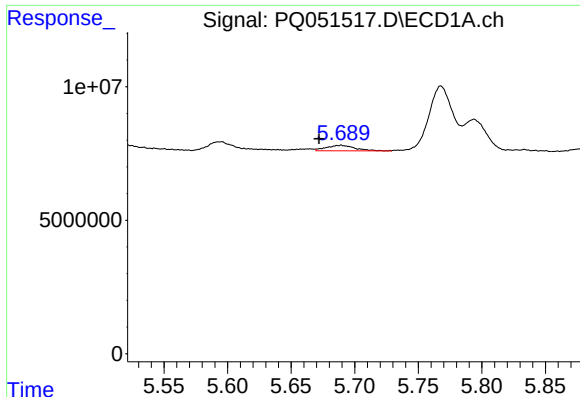
#10 AR-1221-3

R.T.: 5.689 min
Delta R.T.: 0.018 min
Response: 3250630
Conc: 5.56 ng/ml



#10 AR-1221-3

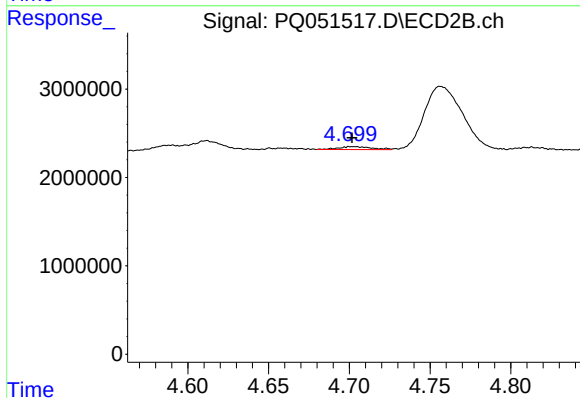
R.T.: 4.703 min
Delta R.T.: 0.001 min
Response: 457820
Conc: 2.63 ng/ml



#11 AR-1232-1

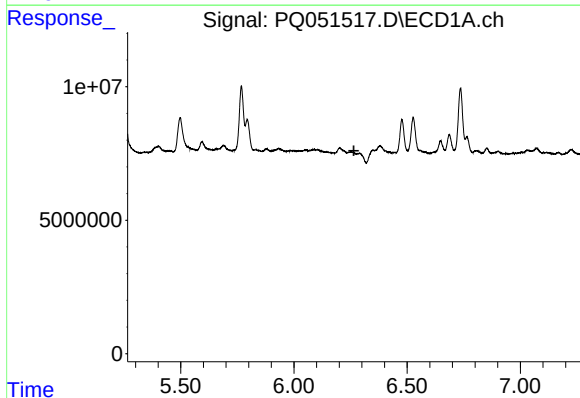
R.T.: 5.689 min
Delta R.T.: 0.018 min
Response: 3250630
Conc: 6.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



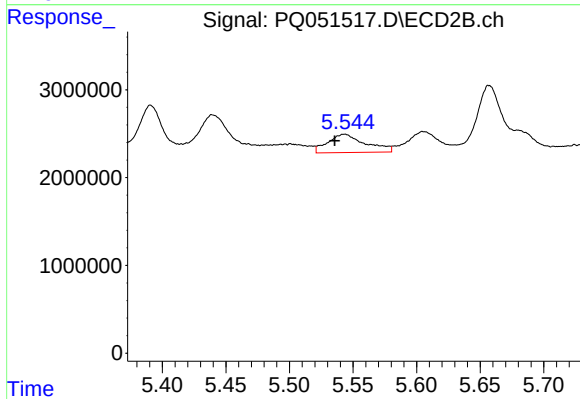
#11 AR-1232-1

R.T.: 4.703 min
Delta R.T.: 0.000 min
Response: 457820
Conc: 3.08 ng/ml



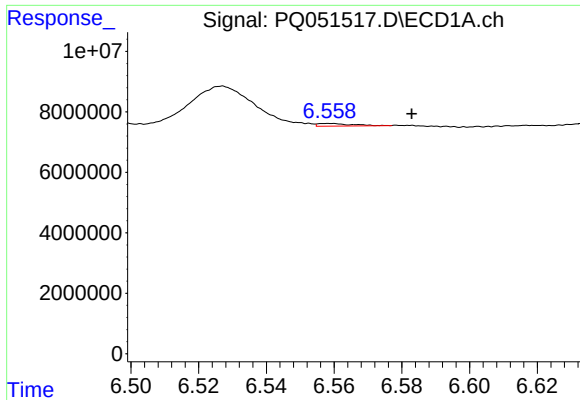
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.265 min
Response: 0
Conc: N.D.



#12 AR-1232-2

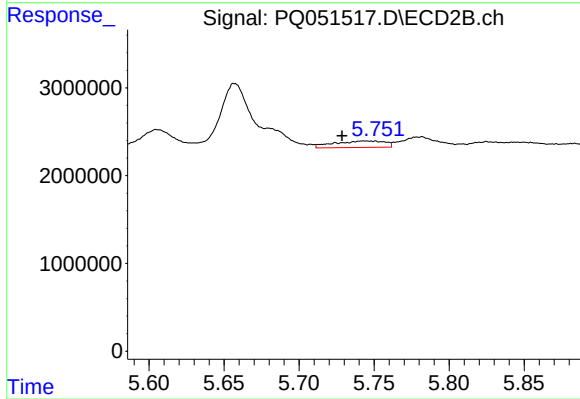
R.T.: 5.543 min
Delta R.T.: 0.008 min
Response: 4328976
Conc: 28.35 ng/ml



#13 AR-1232-3

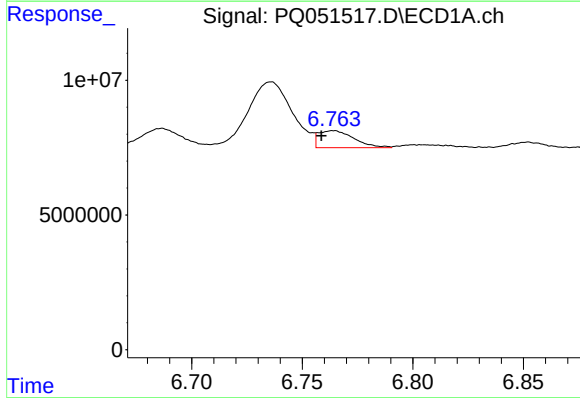
R.T.: 6.559 min
Delta R.T.: -0.024 min
Response: 603013
Conc: 1.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



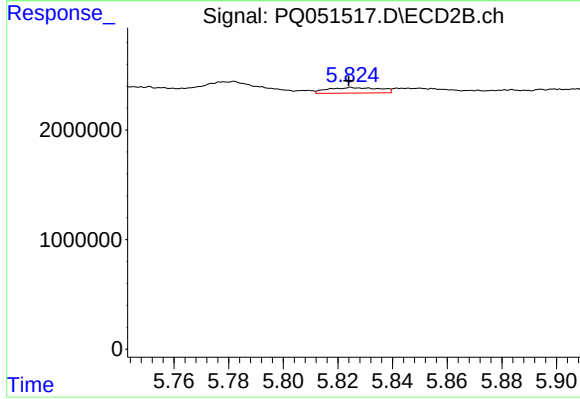
#13 AR-1232-3

R.T.: 5.743 min
Delta R.T.: 0.014 min
Response: 1727427
Conc: 22.62 ng/ml



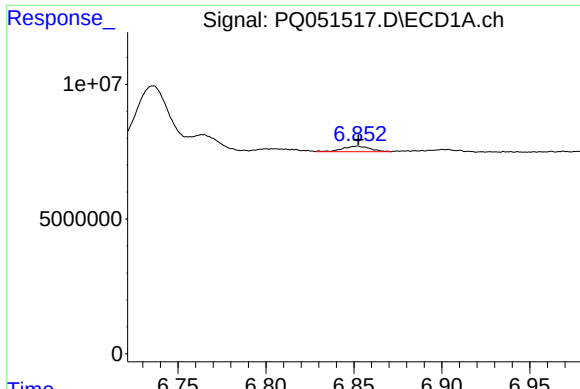
#14 AR-1232-4

R.T.: 6.764 min
Delta R.T.: 0.005 min
Response: 7049005
Conc: 26.69 ng/ml



#14 AR-1232-4

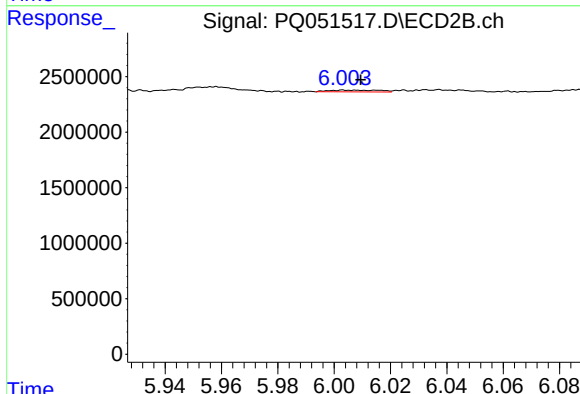
R.T.: 5.825 min
Delta R.T.: 0.000 min
Response: 658648
Conc: 10.05 ng/ml



#15 AR-1232-5

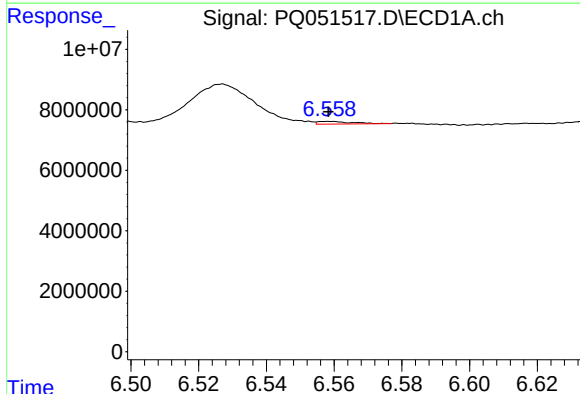
R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 2213571
Conc: 11.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



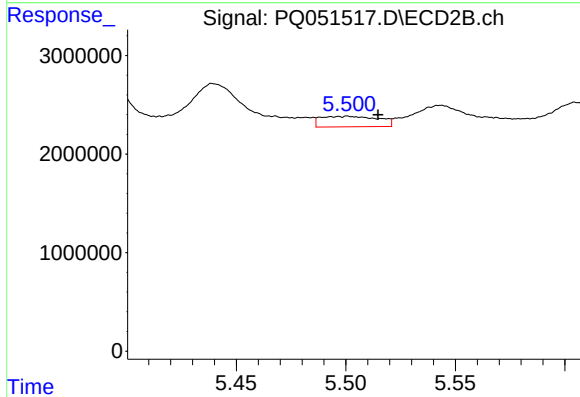
#15 AR-1232-5

R.T.: 6.003 min
Delta R.T.: -0.006 min
Response: 205503
Conc: 2.87 ng/ml



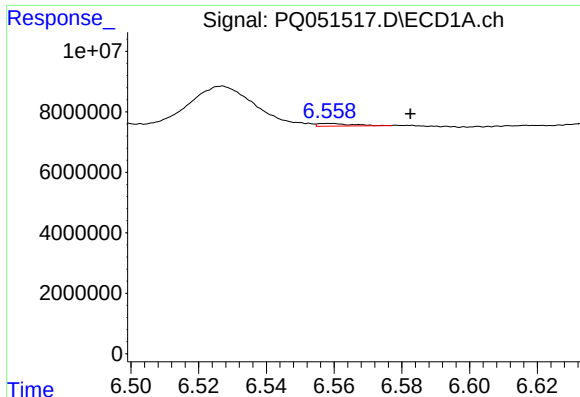
#16 AR-1242-1

R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 603013
Conc: 0.92 ng/ml



#16 AR-1242-1

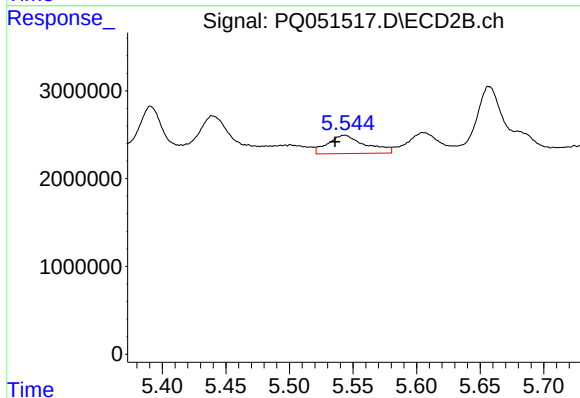
R.T.: 5.501 min
Delta R.T.: -0.014 min
Response: 1956179
Conc: 9.73 ng/ml



#17 AR-1242-2

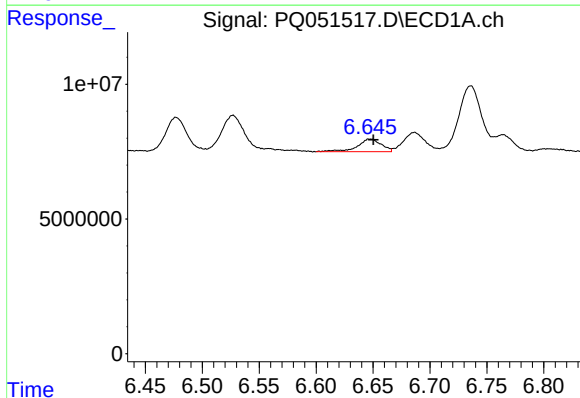
R.T.: 6.559 min
Delta R.T.: -0.024 min
Response: 603013
Conc: 0.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



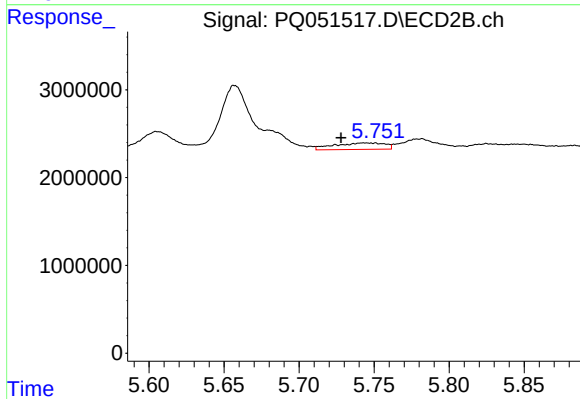
#17 AR-1242-2

R.T.: 5.543 min
Delta R.T.: 0.008 min
Response: 4328976
Conc: 15.56 ng/ml



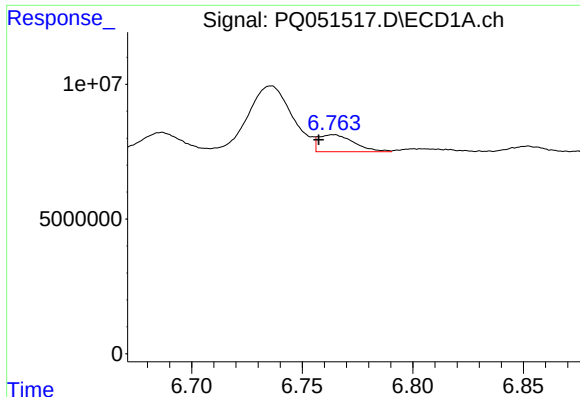
#18 AR-1242-3

R.T.: 6.646 min
Delta R.T.: -0.004 min
Response: 6920381
Conc: 11.96 ng/ml



#18 AR-1242-3

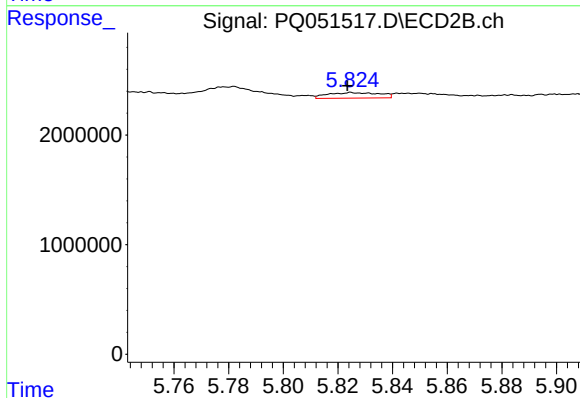
R.T.: 5.743 min
Delta R.T.: 0.015 min
Response: 1727427
Conc: 11.70 ng/ml



#19 AR-1242-4

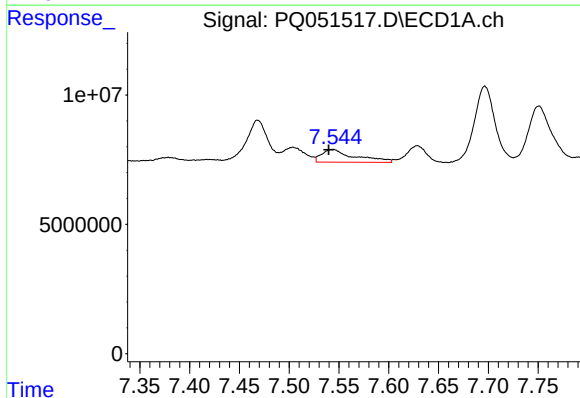
R.T.: 6.764 min
Delta R.T.: 0.007 min
Response: 7049005
Conc: 14.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



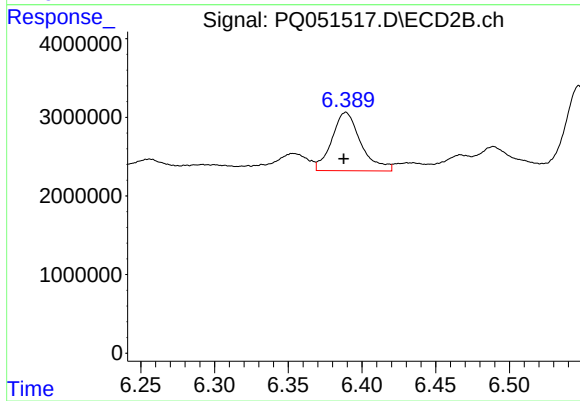
#19 AR-1242-4

R.T.: 5.825 min
Delta R.T.: 0.001 min
Response: 658648
Conc: 4.76 ng/ml



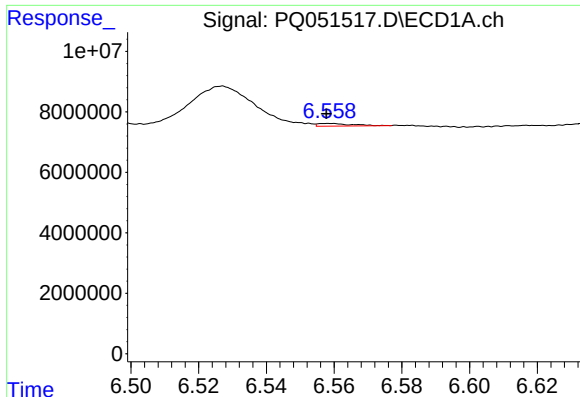
#20 AR-1242-5

R.T.: 7.544 min
Delta R.T.: 0.004 min
Response: 11471317
Conc: 21.92 ng/ml



#20 AR-1242-5

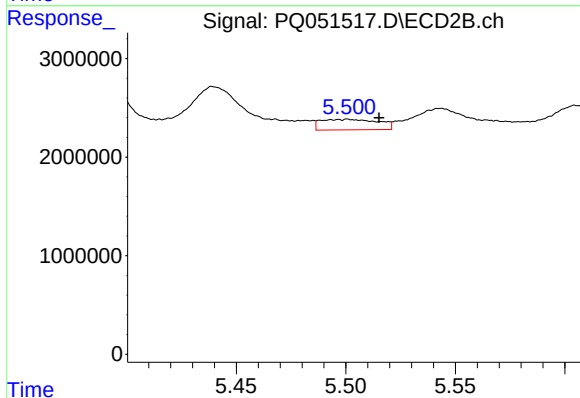
R.T.: 6.389 min
Delta R.T.: 0.002 min
Response: 10191059
Conc: 56.03 ng/ml



#21 AR-1248-1

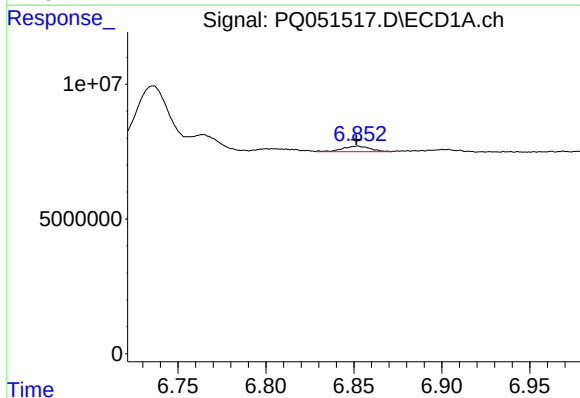
R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 603013
Conc: 1.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



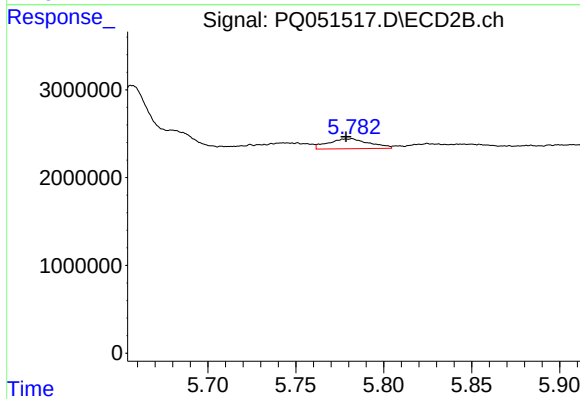
#21 AR-1248-1

R.T.: 5.501 min
Delta R.T.: -0.014 min
Response: 1956179
Conc: 12.94 ng/ml



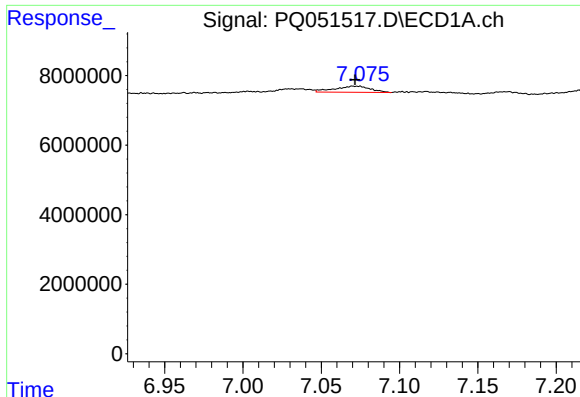
#22 AR-1248-2

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 2213571
Conc: 3.19 ng/ml



#22 AR-1248-2

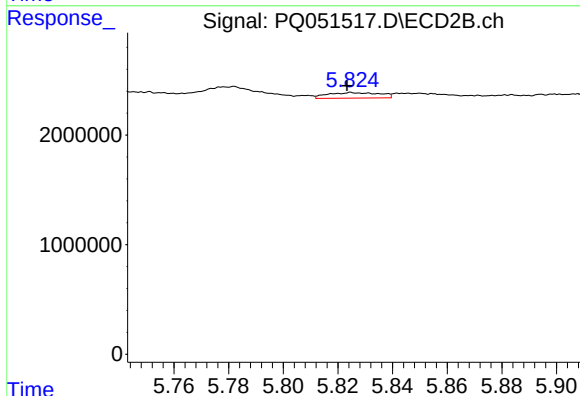
R.T.: 5.782 min
Delta R.T.: 0.003 min
Response: 1844041
Conc: 9.18 ng/ml



#23 AR-1248-3

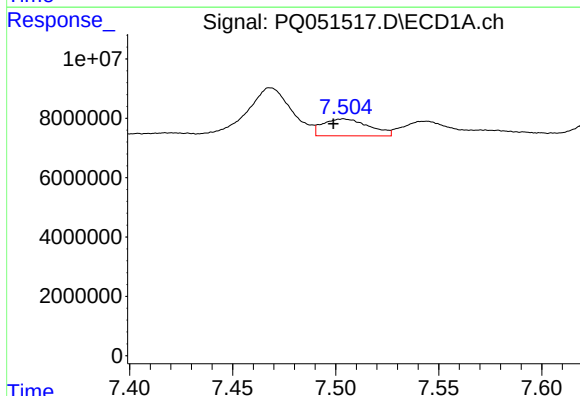
R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 2792207
Conc: 3.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



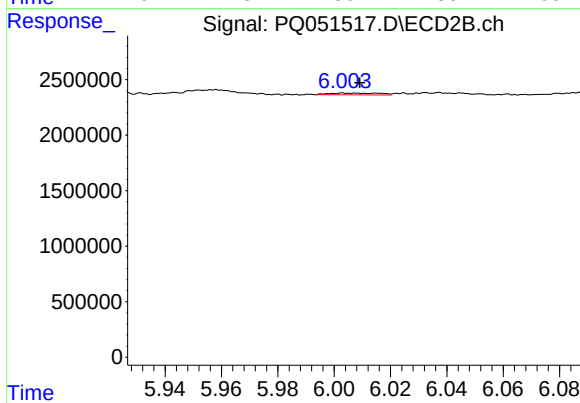
#23 AR-1248-3

R.T.: 5.825 min
Delta R.T.: 0.001 min
Response: 658648
Conc: 3.16 ng/ml



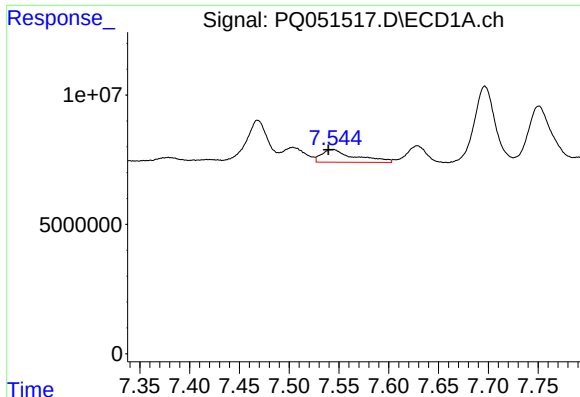
#24 AR-1248-4

R.T.: 7.504 min
Delta R.T.: 0.005 min
Response: 8848997
Conc: 9.54 ng/ml



#24 AR-1248-4

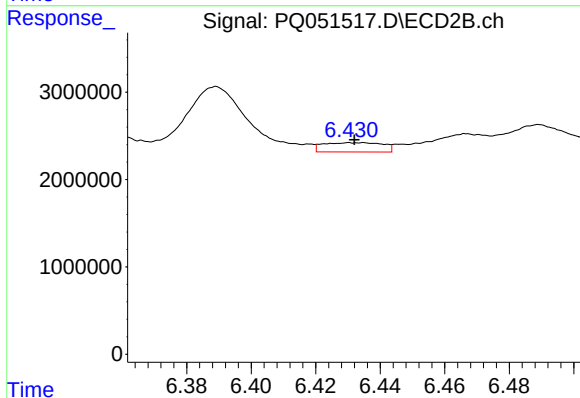
R.T.: 6.003 min
Delta R.T.: -0.006 min
Response: 205503
Conc: 0.83 ng/ml



#25 AR-1248-5

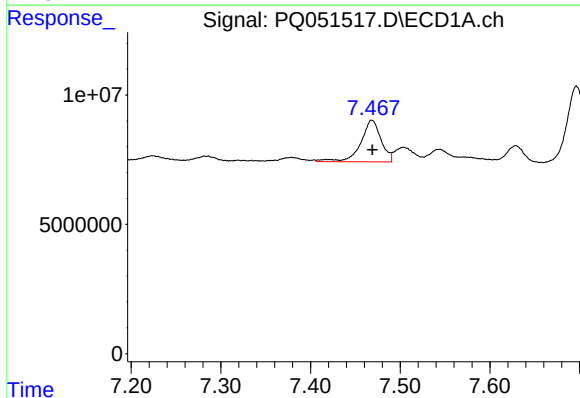
R.T.: 7.544 min
Delta R.T.: 0.004 min
Response: 11471317
Conc: 12.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



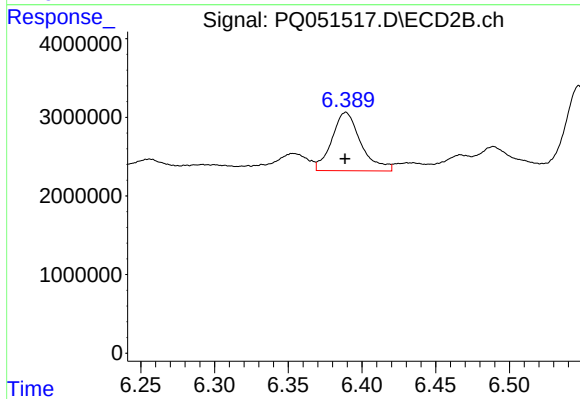
#25 AR-1248-5

R.T.: 6.430 min
Delta R.T.: -0.002 min
Response: 1364662
Conc: 5.31 ng/ml



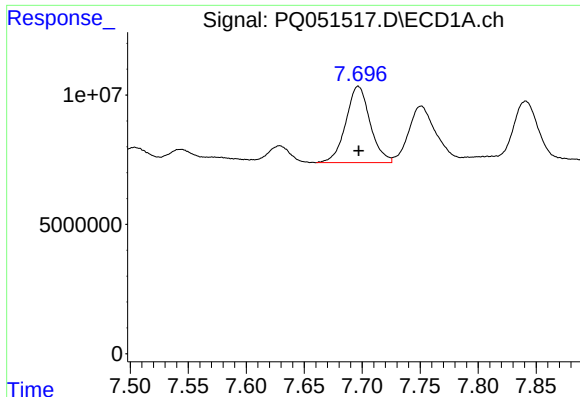
#26 AR-1254-1

R.T.: 7.468 min
Delta R.T.: 0.000 min
Response: 25520382
Conc: 28.67 ng/ml



#26 AR-1254-1

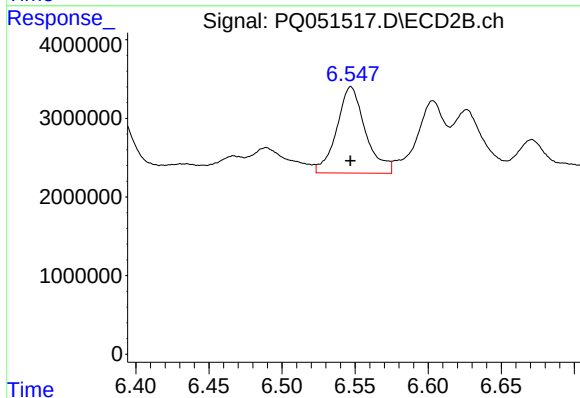
R.T.: 6.389 min
Delta R.T.: 0.000 min
Response: 10191059
Conc: 26.19 ng/ml



#27 AR-1254-2

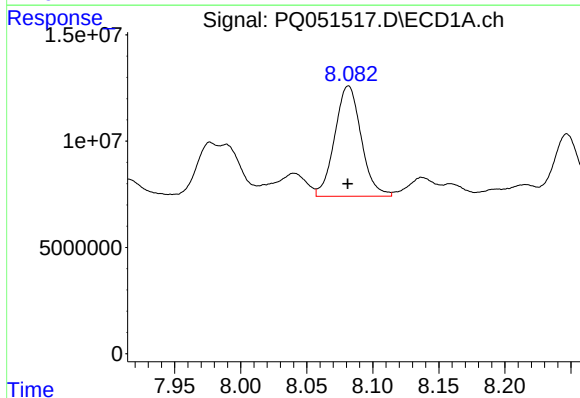
R.T.: 7.697 min
Delta R.T.: 0.000 min
Response: 42998949
Conc: 30.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



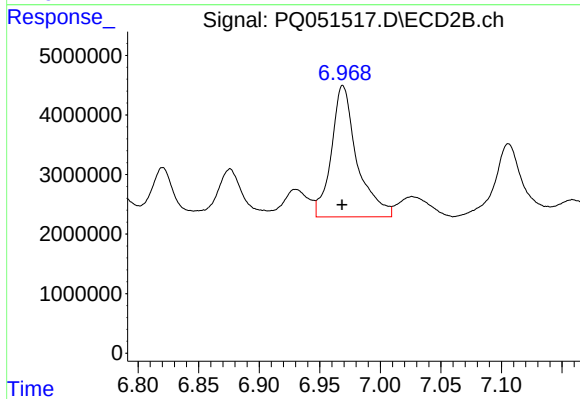
#27 AR-1254-2

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 15010745
Conc: 44.89 ng/ml



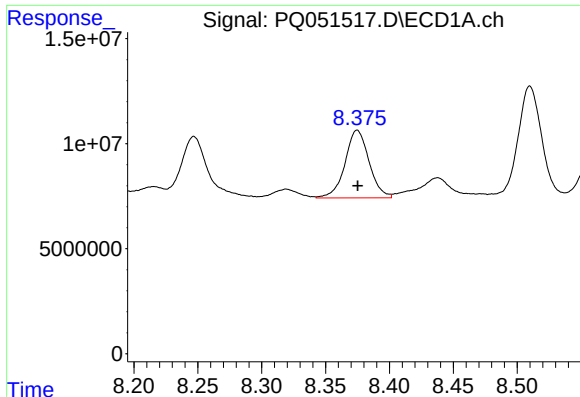
#28 AR-1254-3

R.T.: 8.082 min
Delta R.T.: 0.000 min
Response: 72323585
Conc: 47.79 ng/ml



#28 AR-1254-3

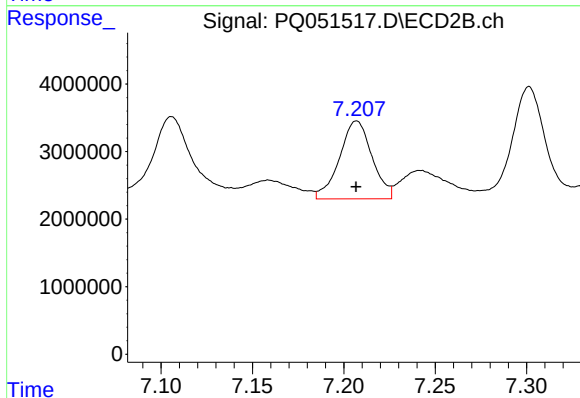
R.T.: 6.969 min
Delta R.T.: 0.000 min
Response: 32417745
Conc: 58.15 ng/ml



#29 AR-1254-4

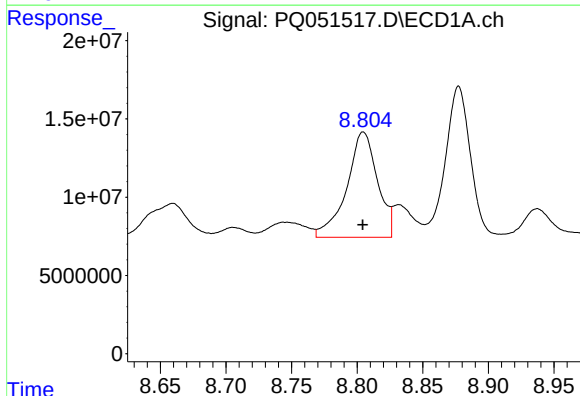
R.T.: 8.375 min
Delta R.T.: 0.000 min
Response: 42268526
Conc: 38.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



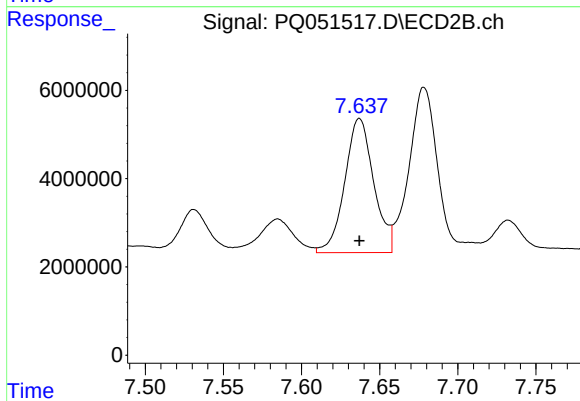
#29 AR-1254-4

R.T.: 7.207 min
Delta R.T.: 0.000 min
Response: 14325547
Conc: 42.03 ng/ml



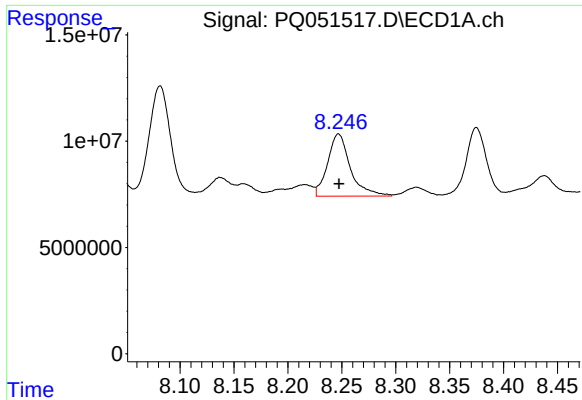
#30 AR-1254-5

R.T.: 8.805 min
Delta R.T.: 0.000 min
Response: 109562924
Conc: 94.17 ng/ml



#30 AR-1254-5

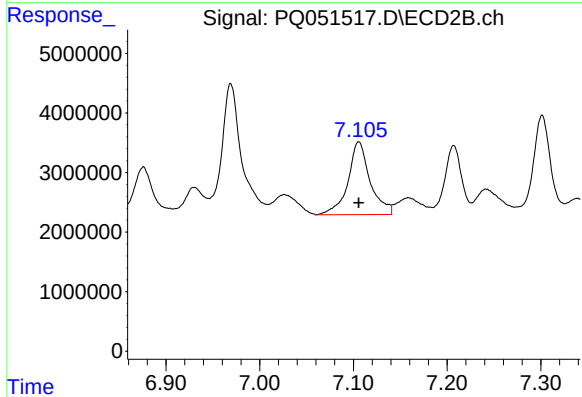
R.T.: 7.637 min
Delta R.T.: 0.000 min
Response: 39238380
Conc: 81.02 ng/ml



#31 AR-1260-1

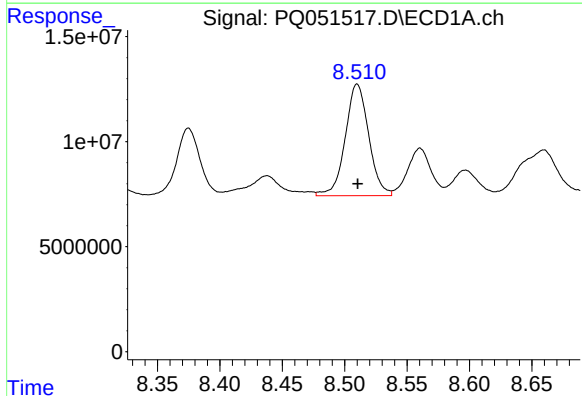
R.T.: 8.247 min
Delta R.T.: 0.000 min
Response: 42941063
Conc: 41.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



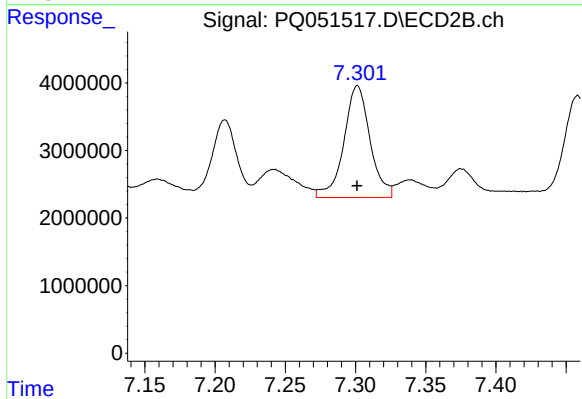
#31 AR-1260-1

R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 20136194
Conc: 57.75 ng/ml



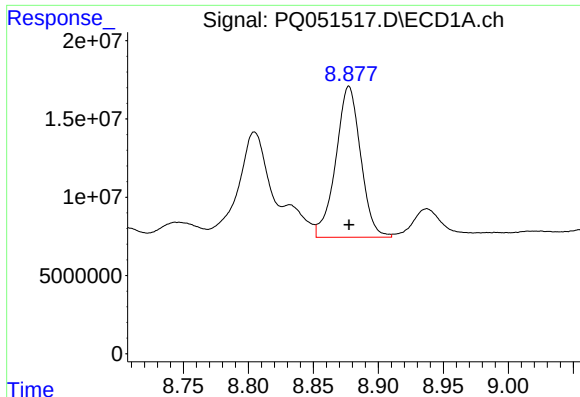
#32 AR-1260-2

R.T.: 8.510 min
Delta R.T.: 0.000 min
Response: 69585004
Conc: 55.55 ng/ml



#32 AR-1260-2

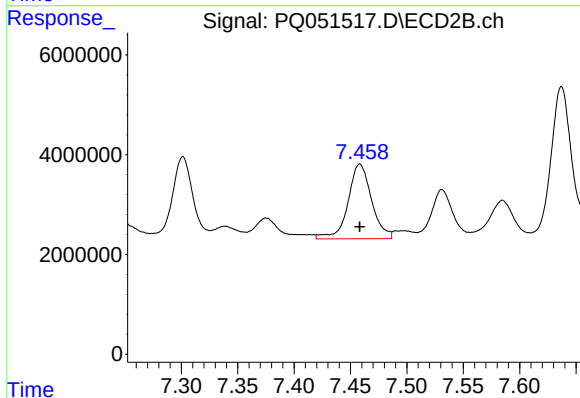
R.T.: 7.301 min
Delta R.T.: 0.000 min
Response: 21507281
Conc: 50.35 ng/ml



#33 AR-1260-3

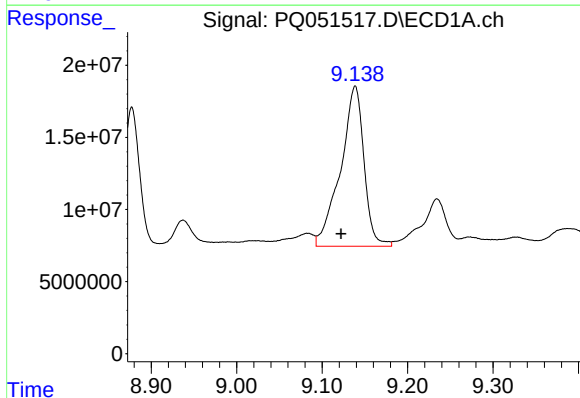
R.T.: 8.877 min
Delta R.T.: 0.000 min
Response: 128494286
Conc: 139.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



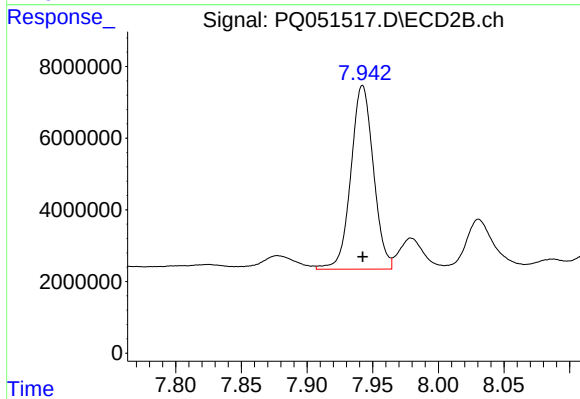
#33 AR-1260-3

R.T.: 7.458 min
Delta R.T.: 0.000 min
Response: 21820296
Conc: 53.39 ng/ml



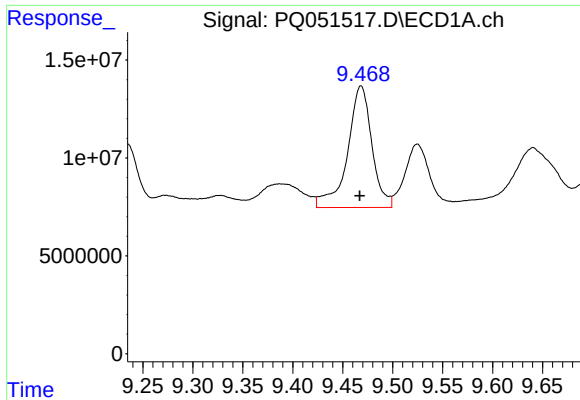
#34 AR-1260-4

R.T.: 9.139 min
Delta R.T.: 0.017 min
Response: 211853084
Conc: 199.09 ng/ml



#34 AR-1260-4

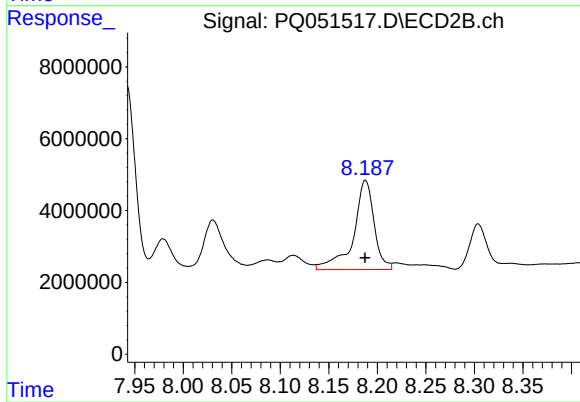
R.T.: 7.942 min
Delta R.T.: 0.000 min
Response: 61285101
Conc: 178.59 ng/ml



#35 AR-1260-5

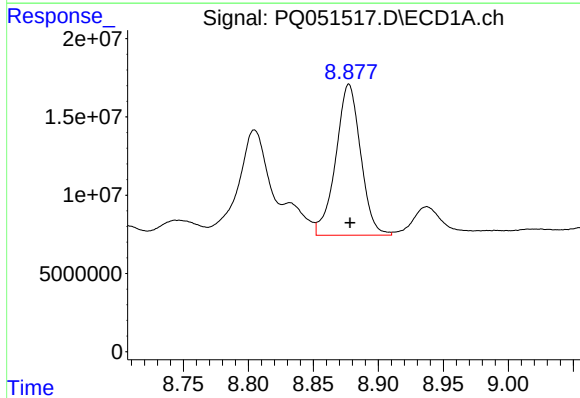
R.T.: 9.468 min
Delta R.T.: 0.001 min
Response: 105555992
Conc: 47.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



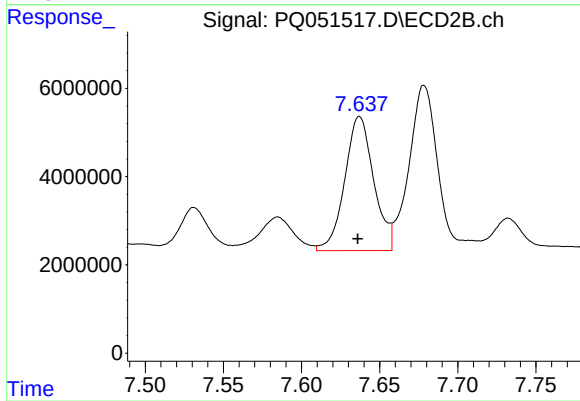
#35 AR-1260-5

R.T.: 8.188 min
Delta R.T.: 0.000 min
Response: 36826828
Conc: 43.93 ng/ml



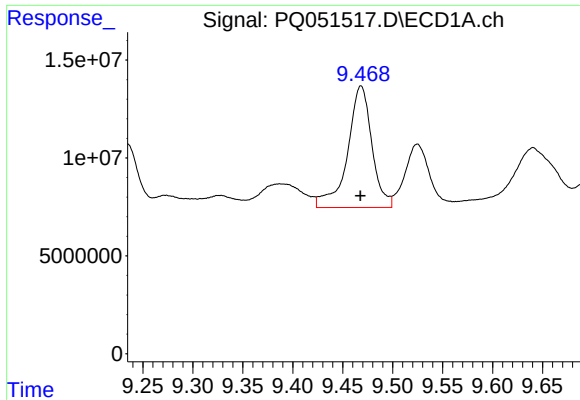
#36 AR-1262-1

R.T.: 8.877 min
Delta R.T.: 0.000 min
Response: 128494286
Conc: 90.93 ng/ml



#36 AR-1262-1

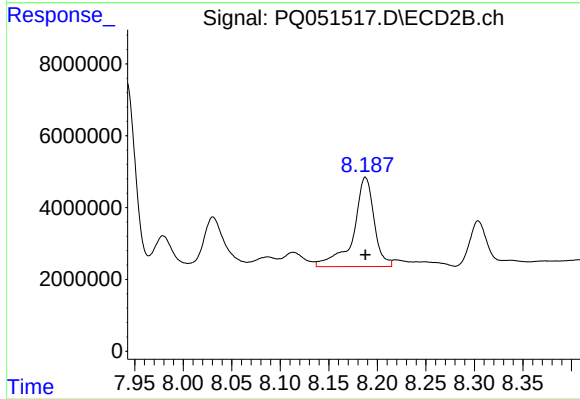
R.T.: 7.637 min
Delta R.T.: 0.001 min
Response: 39238380
Conc: 148.08 ng/ml



#37 AR-1262-2

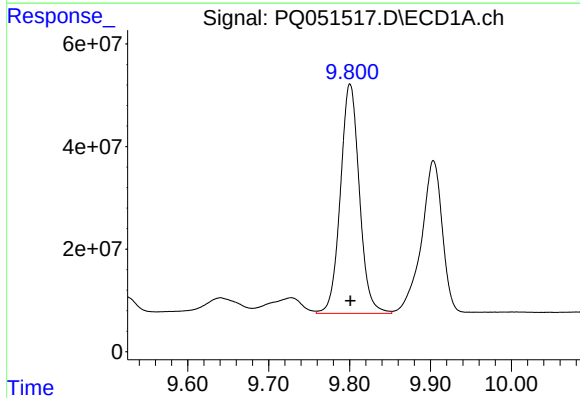
R.T.: 9.468 min
Delta R.T.: 0.000 min
Response: 105555992
Conc: 40.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



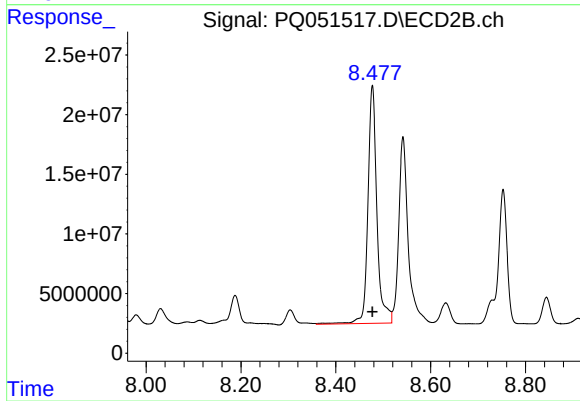
#37 AR-1262-2

R.T.: 8.188 min
Delta R.T.: 0.000 min
Response: 36826828
Conc: 38.40 ng/ml



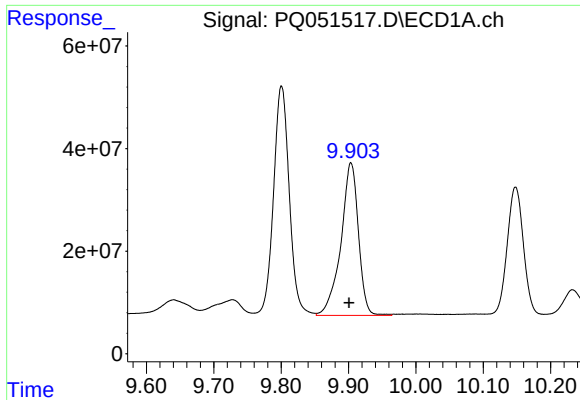
#38 AR-1262-3

R.T.: 9.801 min
Delta R.T.: 0.000 min
Response: 728580013
Conc: 652.04 ng/ml



#38 AR-1262-3

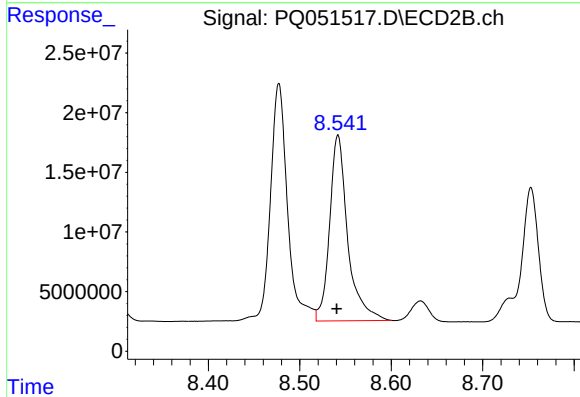
R.T.: 8.477 min
Delta R.T.: 0.000 min
Response: 263933601
Conc: 746.60 ng/ml



#39 AR-1262-4

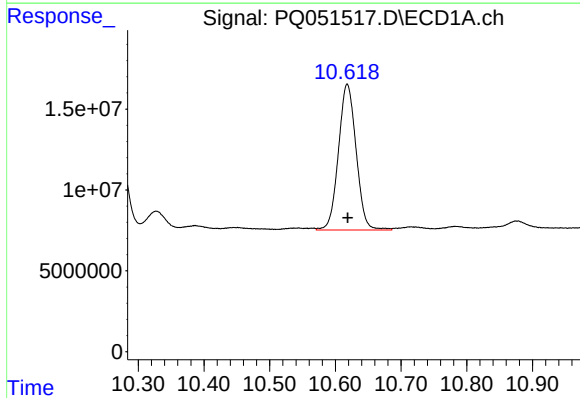
R.T.: 9.904 min
Delta R.T.: 0.003 min
Response: 538031140
Conc: 424.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



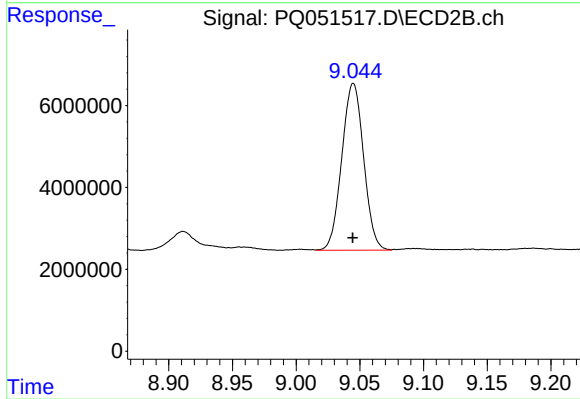
#39 AR-1262-4

R.T.: 8.542 min
Delta R.T.: 0.001 min
Response: 214429264
Conc: 309.95 ng/ml



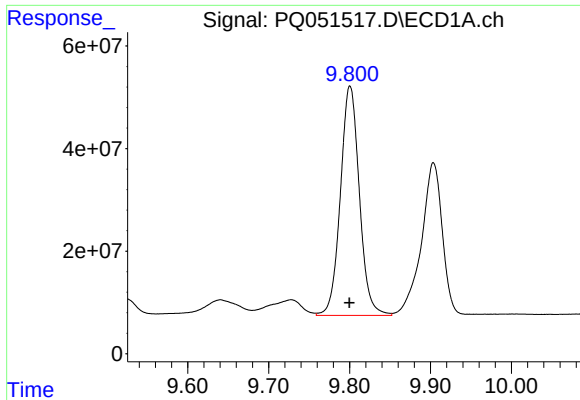
#40 AR-1262-5

R.T.: 10.618 min
Delta R.T.: 0.000 min
Response: 168728467
Conc: 187.82 ng/ml



#40 AR-1262-5

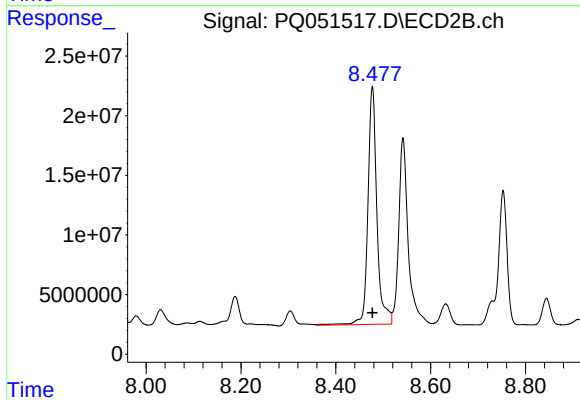
R.T.: 9.045 min
Delta R.T.: 0.000 min
Response: 48605695
Conc: 161.23 ng/ml



#41 AR-1268-1

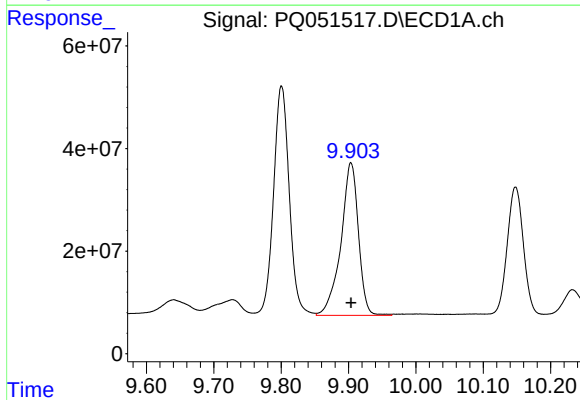
R.T.: 9.801 min
Delta R.T.: 0.000 min
Response: 728580013
Conc: 260.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



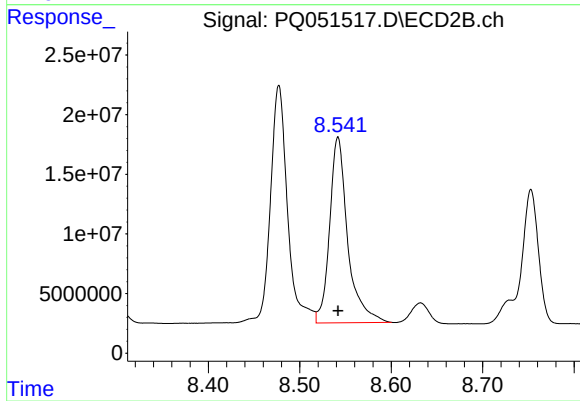
#41 AR-1268-1

R.T.: 8.477 min
Delta R.T.: 0.000 min
Response: 263933601
Conc: 269.74 ng/ml



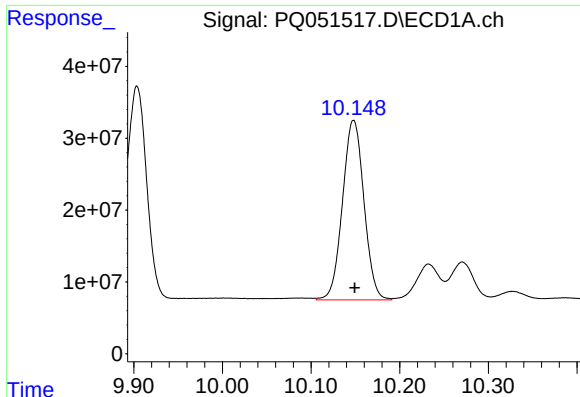
#42 AR-1268-2

R.T.: 9.904 min
Delta R.T.: 0.000 min
Response: 538031140
Conc: 212.13 ng/ml



#42 AR-1268-2

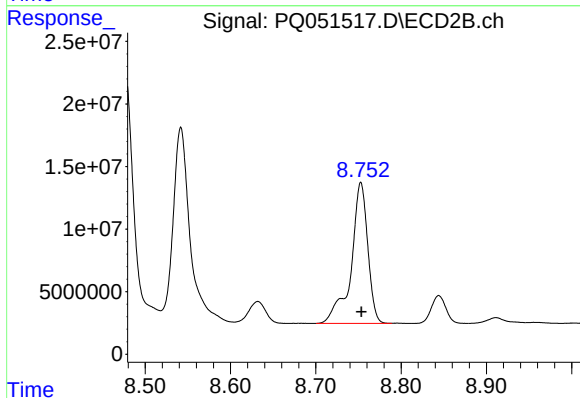
R.T.: 8.542 min
Delta R.T.: 0.000 min
Response: 214429264
Conc: 237.21 ng/ml



#43 AR-1268-3

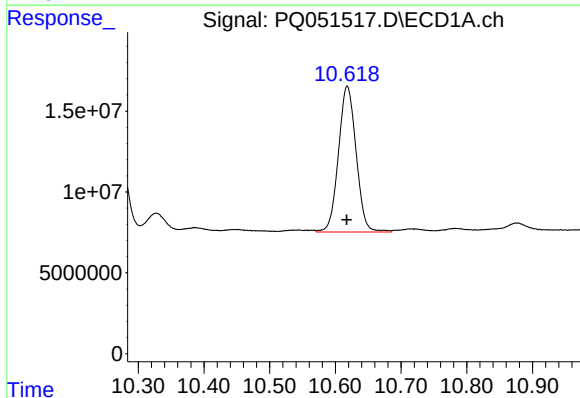
R.T.: 10.148 min
Delta R.T.: -0.002 min
Response: 420582011
Conc: 194.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



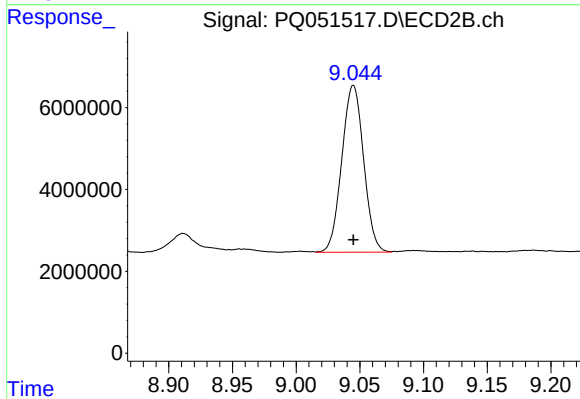
#43 AR-1268-3

R.T.: 8.753 min
Delta R.T.: 0.000 min
Response: 152995931
Conc: 202.34 ng/ml



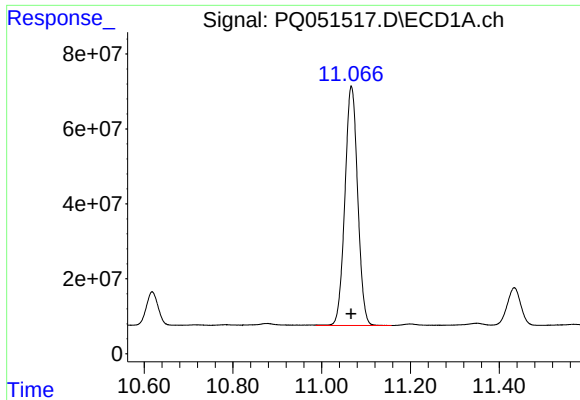
#44 AR-1268-4

R.T.: 10.618 min
Delta R.T.: 0.000 min
Response: 168728467
Conc: 184.97 ng/ml



#44 AR-1268-4

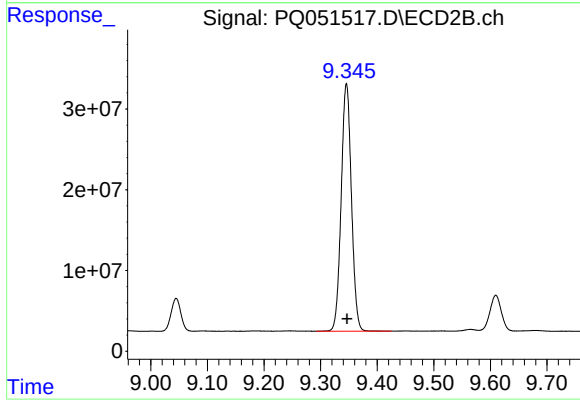
R.T.: 9.045 min
Delta R.T.: 0.000 min
Response: 48605695
Conc: 156.62 ng/ml



#45 AR-1268-5

R.T.: 11.067 min
Delta R.T.: 0.000 min
Response: 1275671684
Conc: 179.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.346 min
Delta R.T.: 0.000 min
Response: 385611513
Conc: 161.08 ng/ml