

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051421\
 Data File : PQ053496.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2021 01:48
 Operator : DD\AJ
 Sample : M2262-02
 Misc : AR1242 LOQ 50 PPB
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 04:04:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 14 03:47:40 2021
 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...	5.221	4.236	544.4E6	241.1E6	18.858	18.711
2)	SA Decachlor...	11.407	9.573	598.6E6	286.6E6	20.044	20.188
Target Compounds							
3)	L1 AR-1016-1	6.547	5.495	29838001	16102340	30.133	35.379
4)	L1 AR-1016-2	6.571	5.516	50828929	25965731	33.013	38.323
5)	L1 AR-1016-3	6.638	5.708	32718623	13355886	35.728	38.583
6)	L1 AR-1016-4	6.745	5.758	28373463	11626108	38.502	41.100
7)	L1 AR-1016-5	7.059	5.989	32111786	14917056	44.518	41.324
8)	L2 AR-1221-1	5.466	4.492	6341142	7119715	21.734	53.232 #
9)	L2 AR-1221-2	5.576	4.593	26041578	8868858	122.609	88.422 #
10)	L2 AR-1221-3	5.659	4.682	44695425	10263121	64.041	31.472 #
11)	L3 AR-1232-1	5.659	4.682	44695425	10263121	86.738	43.271 #
12)	L3 AR-1232-2	6.249	5.516	50387057	25965731	180.947	102.650 #
13)	L3 AR-1232-3	6.571	5.708	50828929	13355886	86.575	105.039
14)	L3 AR-1232-4	6.745	5.803	28373463	13804022	103.951	123.067
15)	L3 AR-1232-5	6.839	5.989	26868892	14917056	135.105	121.375
16)	L4 AR-1242-1	6.547	5.495	29838001	16102340	42.692	50.169
17)	L4 AR-1242-2	6.571	5.516	50828929	25965731	46.918	54.961
18)	L4 AR-1242-3	6.638	5.708	32718623	13355886	50.385	54.889
19)	L4 AR-1242-4	6.745	5.803	28373463	13804022	54.194	58.256
20)	L4 AR-1242-5	7.528	6.368	55431756	18936950	94.961	59.363 #
21)	L5 AR-1248-1	6.547	5.495	29838001	16102340	57.336	66.611
22)	L5 AR-1248-2	6.839	5.758	26868892	11626108	35.439	33.711
23)	L5 AR-1248-3	7.059	5.803	32111786	13804022	37.393	39.354
24)	L5 AR-1248-4	7.487	5.989	40773032	14917056	41.914	34.906
25)	L5 AR-1248-5	7.528	6.411	55431756	17903505	56.702	42.216 #
26)	L6 AR-1254-1	7.457	6.368	37180285	18936950	38.193	27.976 #
27)	L6 AR-1254-2	7.694	6.525	37630148	7831740	24.931	12.579 #
28)	L6 AR-1254-3	8.069	6.948	13737012	6393438	8.791	6.439 #
29)	L6 AR-1254-4	8.363	7.187	10647412	5262842	9.180	8.475
30)	L6 AR-1254-5	8.792	7.614	5045325	1275336	3.918	1.319 #
31)	L7 AR-1260-1	0.000	7.098	0	4570404	N.D.	5.666 #
32)	L7 AR-1260-2	8.505	7.253f	6298958	585493	3.666	0.516 #
33)	L7 AR-1260-3	8.848f	7.423	2813709	2320530	2.335	2.432
34)	L7 AR-1260-4	9.107	0.000	591314	0	0.464	N.D. #
35)	L7 AR-1260-5	9.464	8.138f	404599	2746214	0.147	1.434 #
36)	L8 AR-1262-1	8.848f	7.614	2813709	1275336	1.625	2.661 #
37)	L8 AR-1262-2	9.464	8.138f	404599	2746214	0.134	1.341 #
39)	L8 AR-1262-4	0.000	8.537f	0	20109912	N.D.	14.171 #
40)	L8 AR-1262-5	10.598	9.045f	1258997	13810006	1.106	22.399 #
42)	L9 AR-1268-2	0.000	8.537f	0	20109912	N.D.	10.340 #
43)	L9 AR-1268-3	10.114f	0.000	2380402	0	0.812	N.D. #

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Integration File signal 1: autoint1.e
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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
44) L9	AR-1268-4	10.598	9.045f	1258997	13810006	1.092	21.566 #
45) L9	AR-1268-5	11.043	9.315	5677722	2375016	0.607	0.491

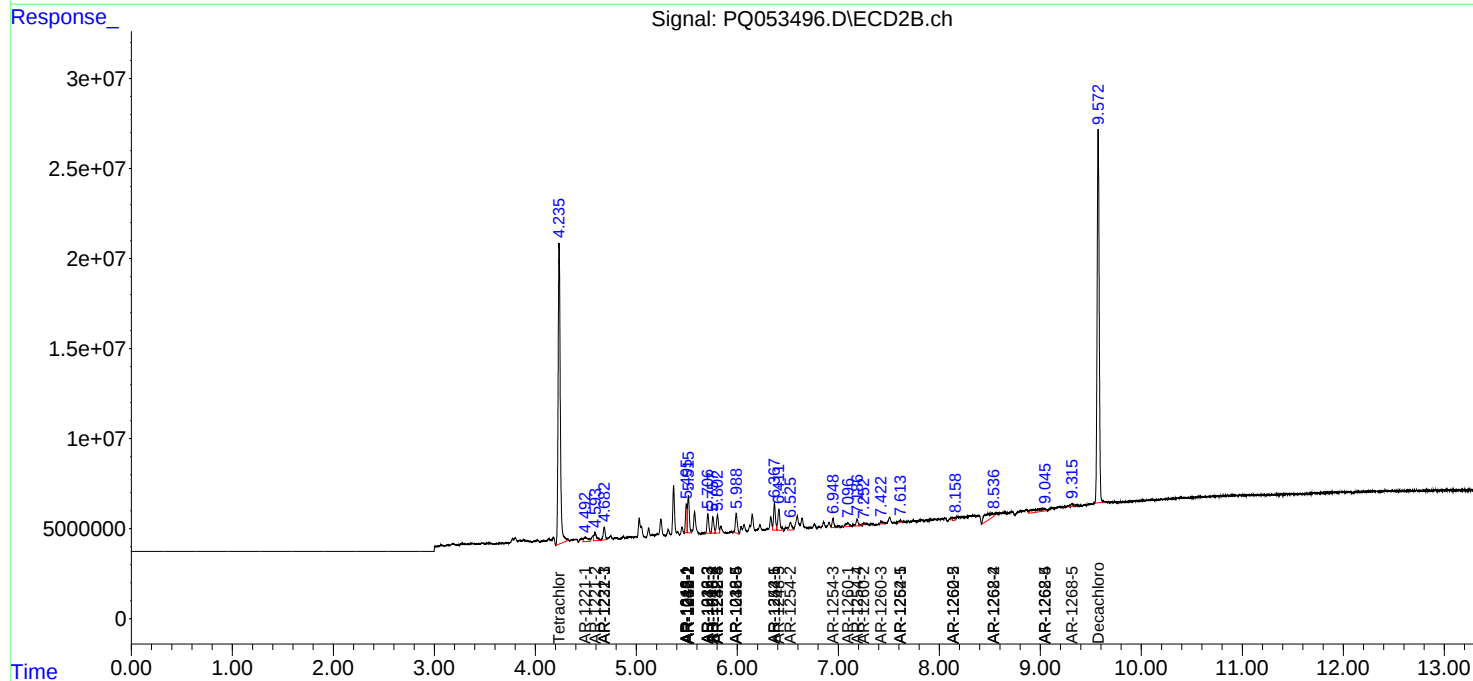
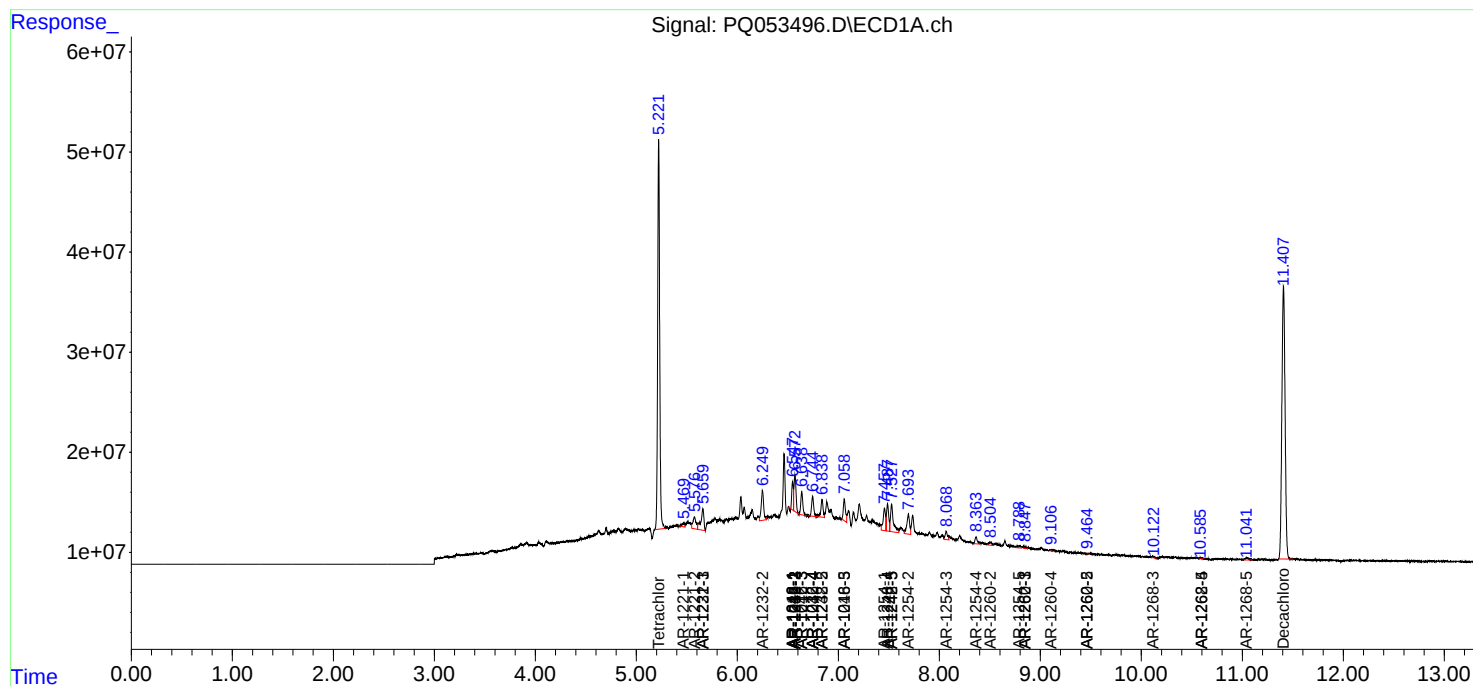
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

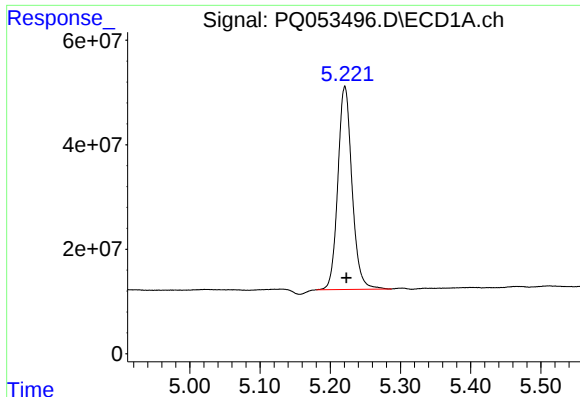
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051421\
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

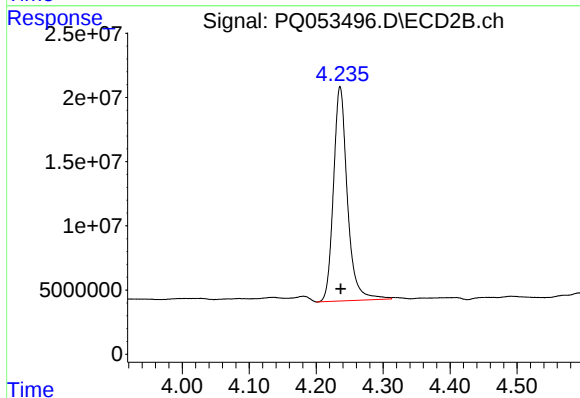




#1 Tetrachloro-m-xylene

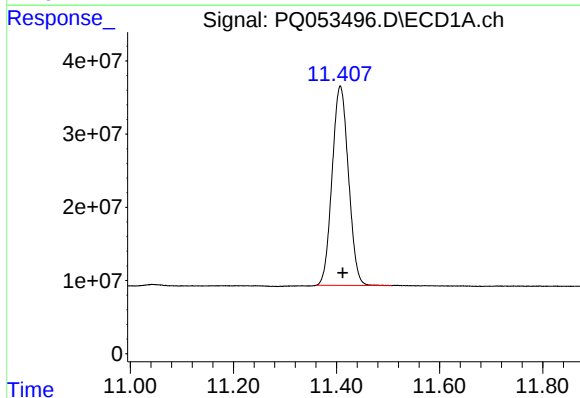
R.T.: 5.221 min
Delta R.T.: -0.002 min
Response: 544430406
Conc: 18.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



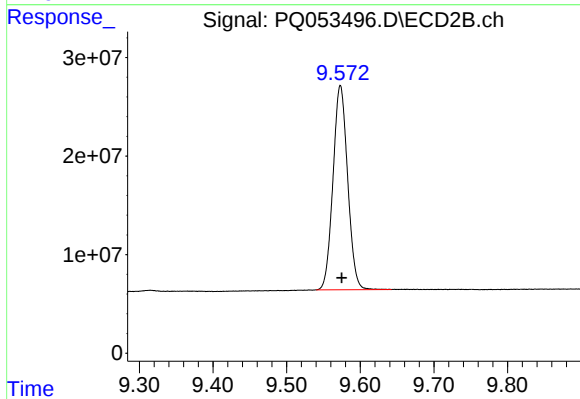
#1 Tetrachloro-m-xylene

R.T.: 4.236 min
Delta R.T.: -0.001 min
Response: 241092365
Conc: 18.71 ng/ml



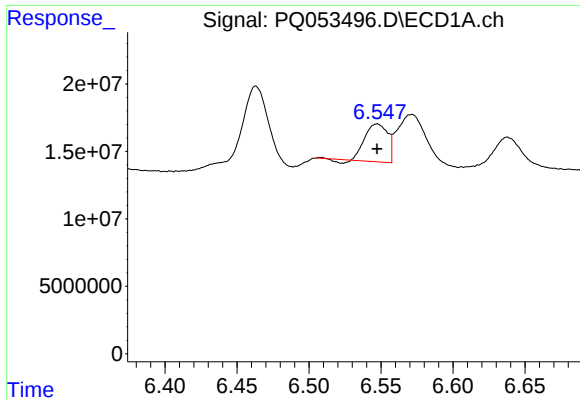
#2 Decachlorobiphenyl

R.T.: 11.407 min
Delta R.T.: -0.005 min
Response: 598640835
Conc: 20.04 ng/ml



#2 Decachlorobiphenyl

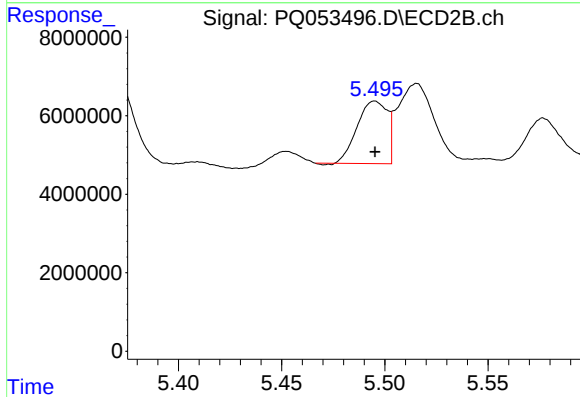
R.T.: 9.573 min
Delta R.T.: -0.002 min
Response: 286630810
Conc: 20.19 ng/ml



#3 AR-1016-1

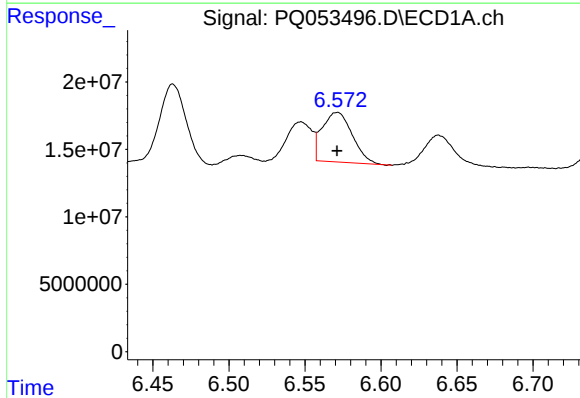
R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 29838001
Conc: 30.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



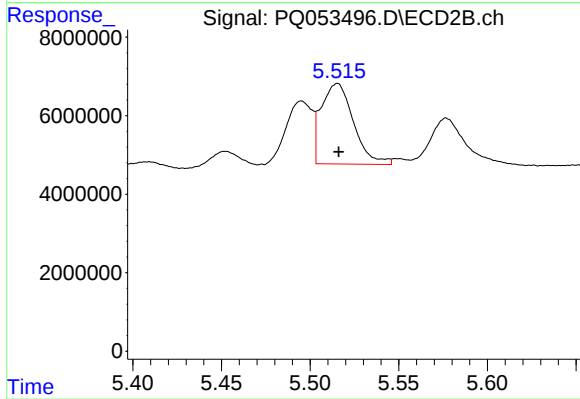
#3 AR-1016-1

R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 16102340
Conc: 35.38 ng/ml



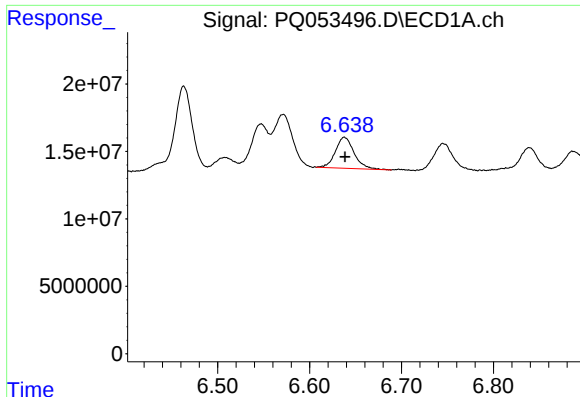
#4 AR-1016-2

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 50828929
Conc: 33.01 ng/ml



#4 AR-1016-2

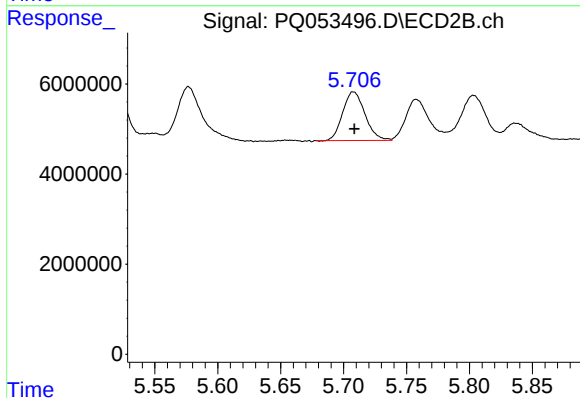
R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 25965731
Conc: 38.32 ng/ml



#5 AR-1016-3

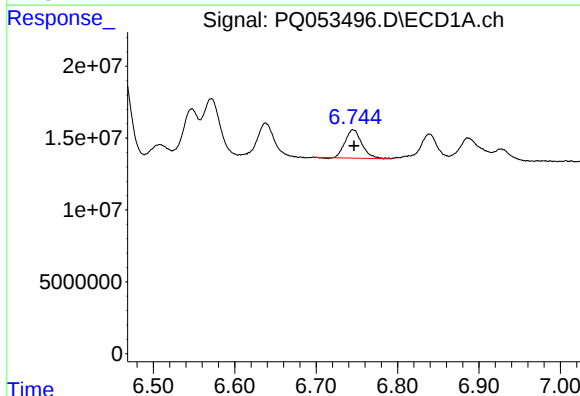
R.T.: 6.638 min
Delta R.T.: 0.000 min
Response: 32718623
Conc: 35.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



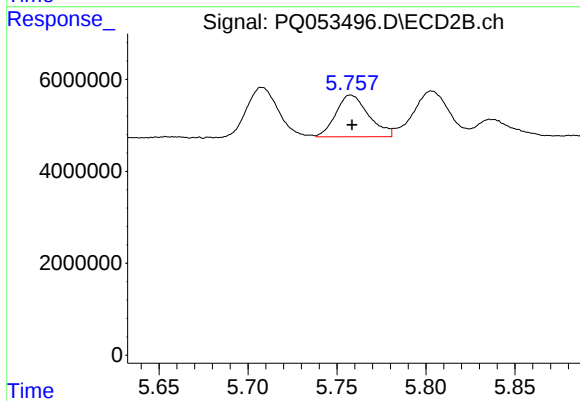
#5 AR-1016-3

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 13355886
Conc: 38.58 ng/ml



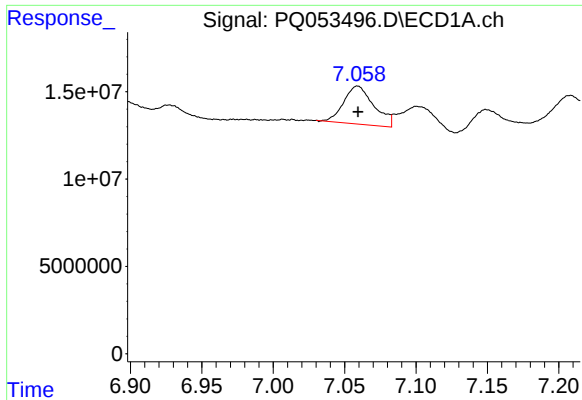
#6 AR-1016-4

R.T.: 6.745 min
Delta R.T.: -0.001 min
Response: 28373463
Conc: 38.50 ng/ml



#6 AR-1016-4

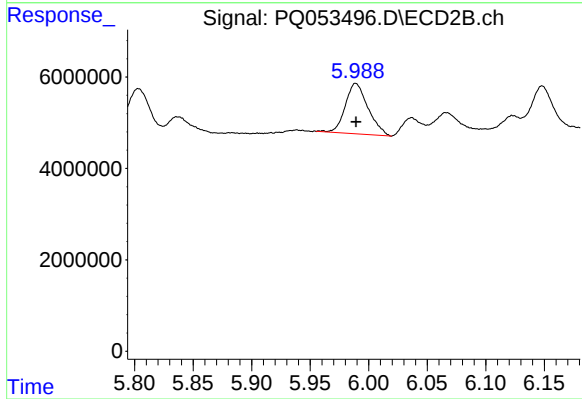
R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 11626108
Conc: 41.10 ng/ml



#7 AR-1016-5

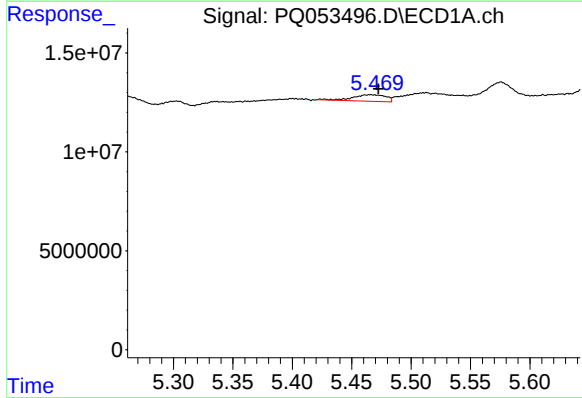
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 32111786
Conc: 44.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



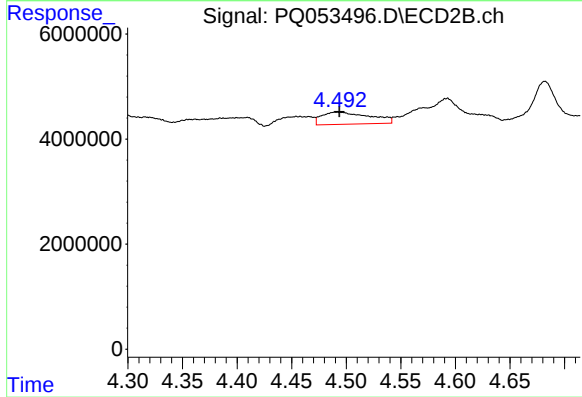
#7 AR-1016-5

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 14917056
Conc: 41.32 ng/ml



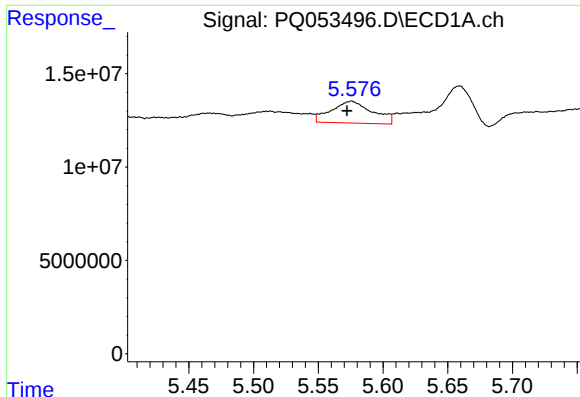
#8 AR-1221-1

R.T.: 5.466 min
Delta R.T.: -0.006 min
Response: 6341142
Conc: 21.73 ng/ml



#8 AR-1221-1

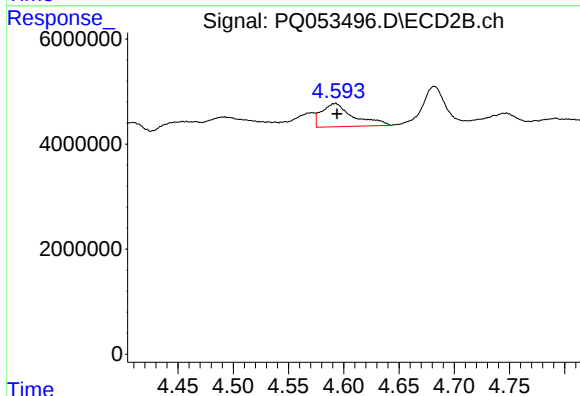
R.T.: 4.492 min
Delta R.T.: -0.002 min
Response: 7119715
Conc: 53.23 ng/ml



#9 AR-1221-2

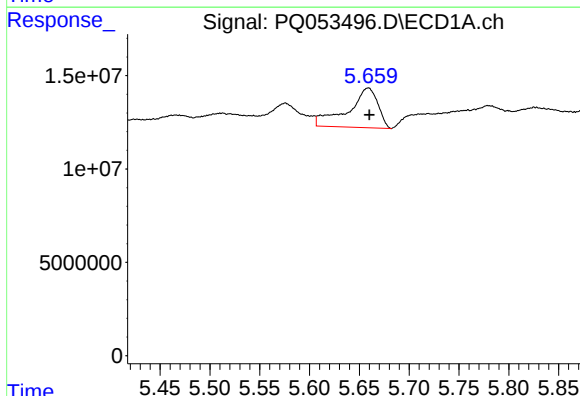
R.T.: 5.576 min
Delta R.T.: 0.003 min
Response: 26041578
Conc: 122.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



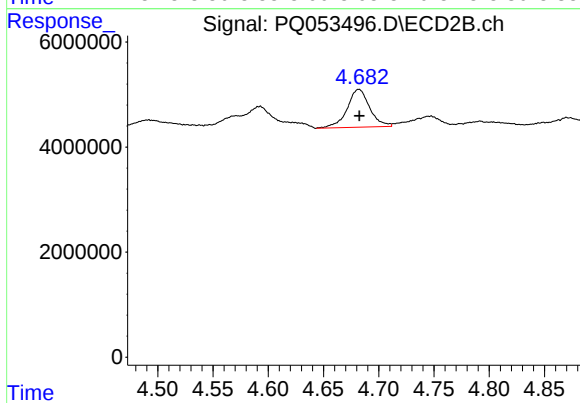
#9 AR-1221-2

R.T.: 4.593 min
Delta R.T.: 0.000 min
Response: 8868858
Conc: 88.42 ng/ml



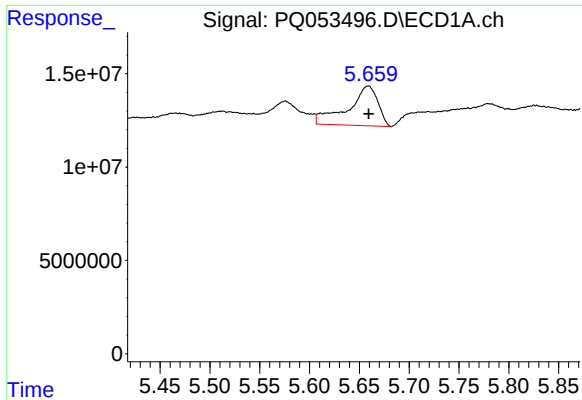
#10 AR-1221-3

R.T.: 5.659 min
Delta R.T.: -0.001 min
Response: 44695425
Conc: 64.04 ng/ml



#10 AR-1221-3

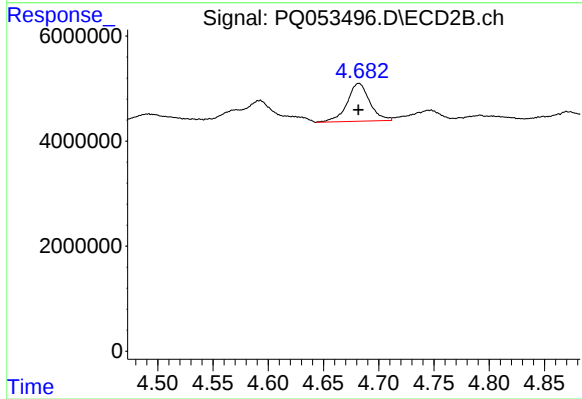
R.T.: 4.682 min
Delta R.T.: 0.000 min
Response: 10263121
Conc: 31.47 ng/ml



#11 AR-1232-1

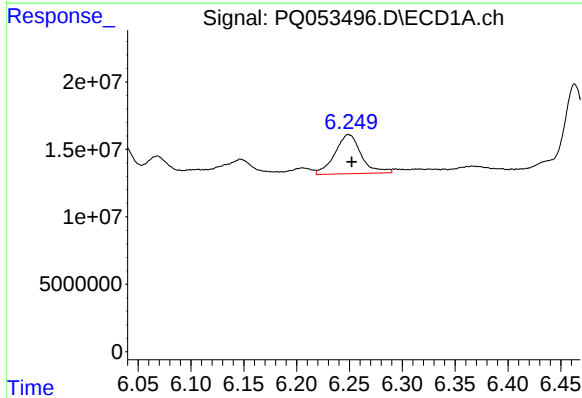
R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 44695425
Conc: 86.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



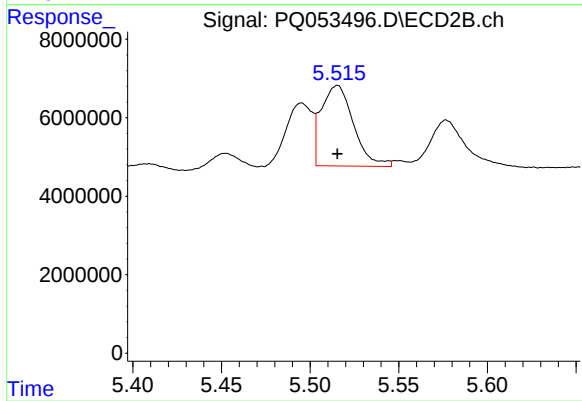
#11 AR-1232-1

R.T.: 4.682 min
Delta R.T.: 0.000 min
Response: 10263121
Conc: 43.27 ng/ml



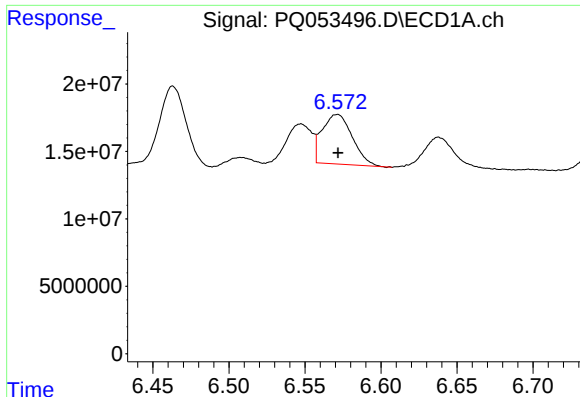
#12 AR-1232-2

R.T.: 6.249 min
Delta R.T.: -0.003 min
Response: 50387057
Conc: 180.95 ng/ml



#12 AR-1232-2

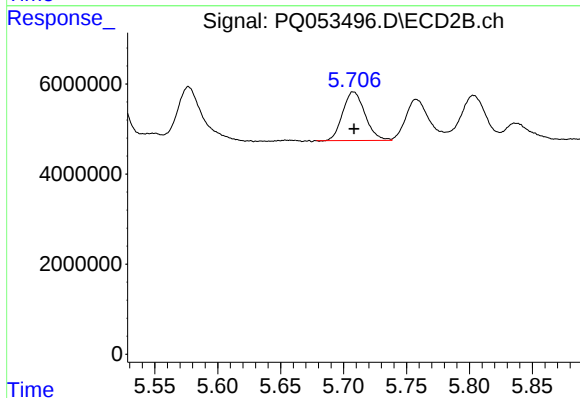
R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 25965731
Conc: 102.65 ng/ml



#13 AR-1232-3

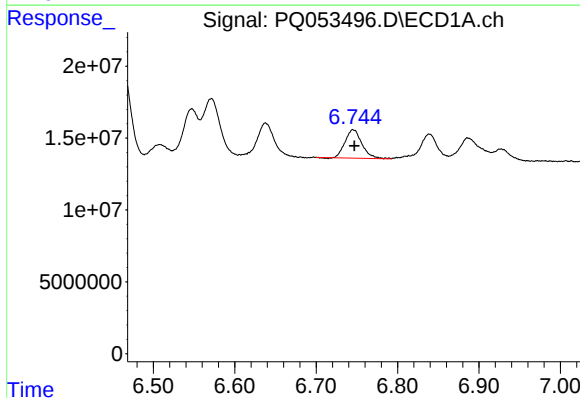
R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 50828929
Conc: 86.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



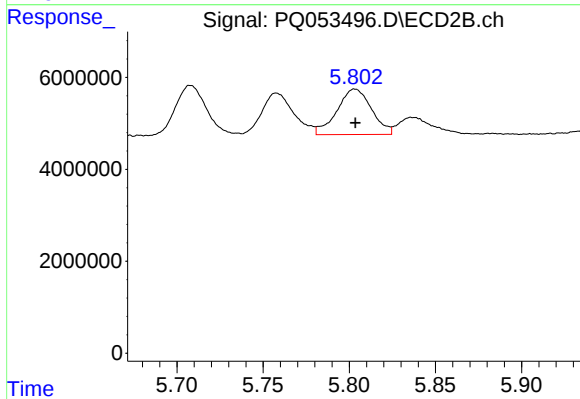
#13 AR-1232-3

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 13355886
Conc: 105.04 ng/ml



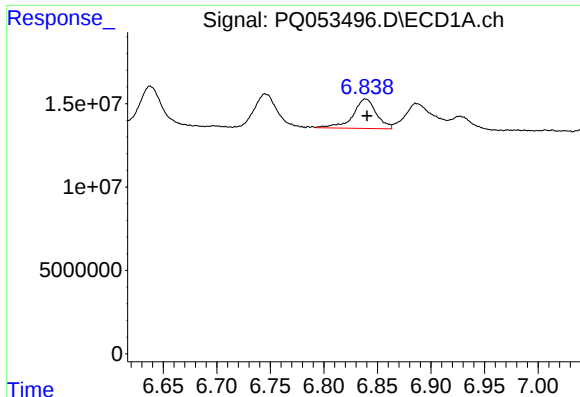
#14 AR-1232-4

R.T.: 6.745 min
Delta R.T.: -0.002 min
Response: 28373463
Conc: 103.95 ng/ml



#14 AR-1232-4

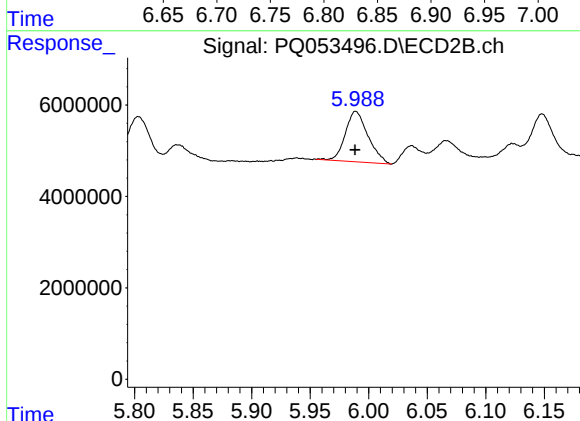
R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 13804022
Conc: 123.07 ng/ml



#15 AR-1232-5

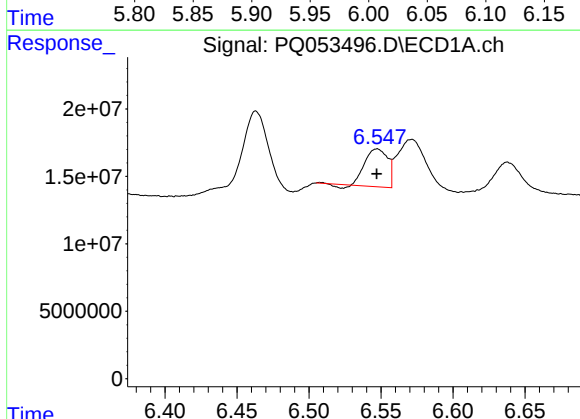
R.T.: 6.839 min
Delta R.T.: -0.001 min
Response: 26868892
Conc: 135.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



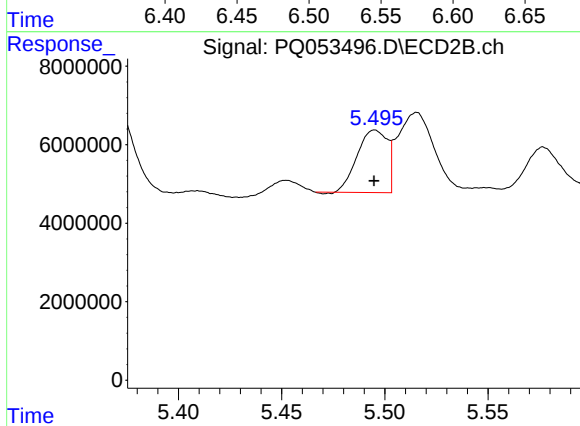
#15 AR-1232-5

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 14917056
Conc: 121.38 ng/ml



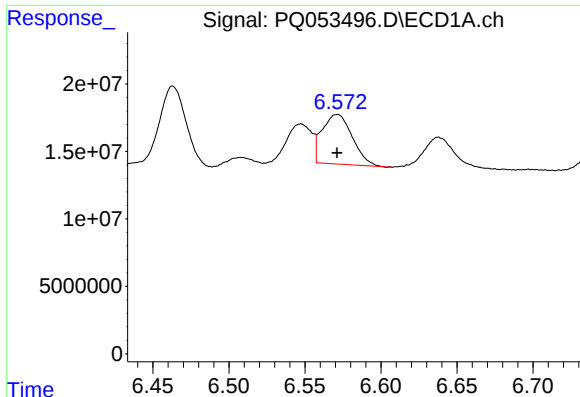
#16 AR-1242-1

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 29838001
Conc: 42.69 ng/ml



#16 AR-1242-1

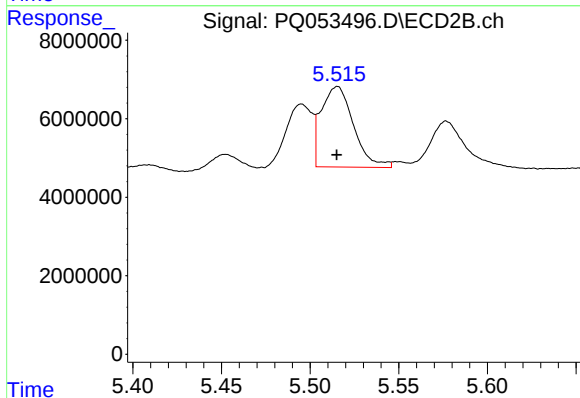
R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 16102340
Conc: 50.17 ng/ml



#17 AR-1242-2

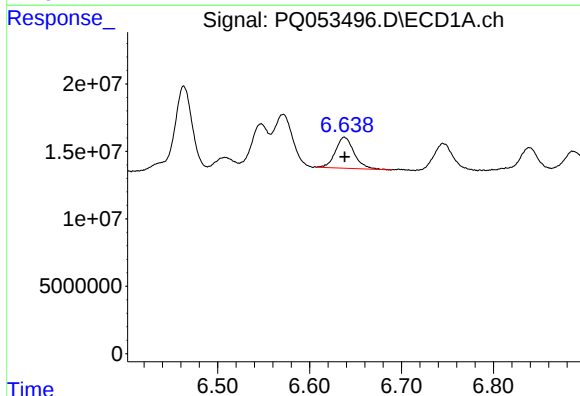
R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 50828929
Conc: 46.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



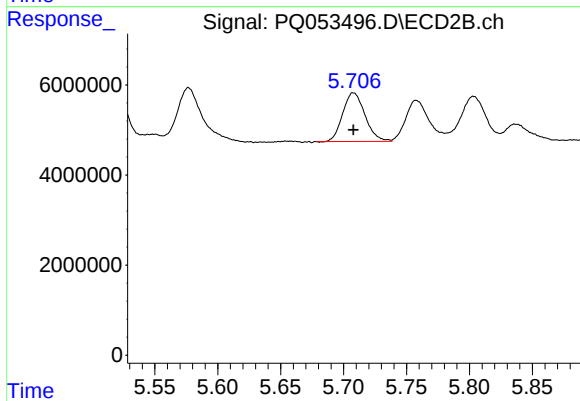
#17 AR-1242-2

R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 25965731
Conc: 54.96 ng/ml



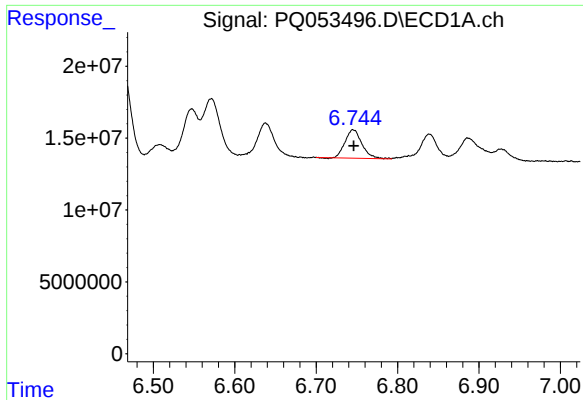
#18 AR-1242-3

R.T.: 6.638 min
Delta R.T.: 0.000 min
Response: 32718623
Conc: 50.39 ng/ml



#18 AR-1242-3

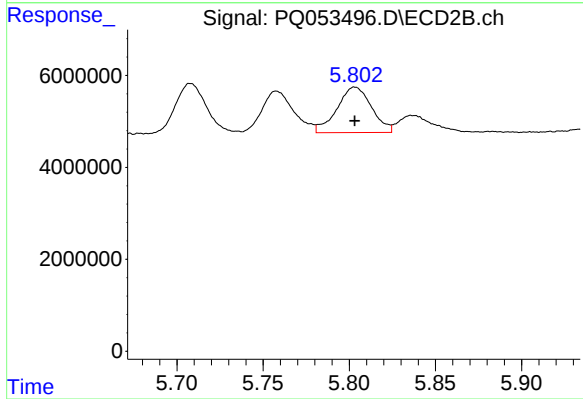
R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 13355886
Conc: 54.89 ng/ml



#19 AR-1242-4

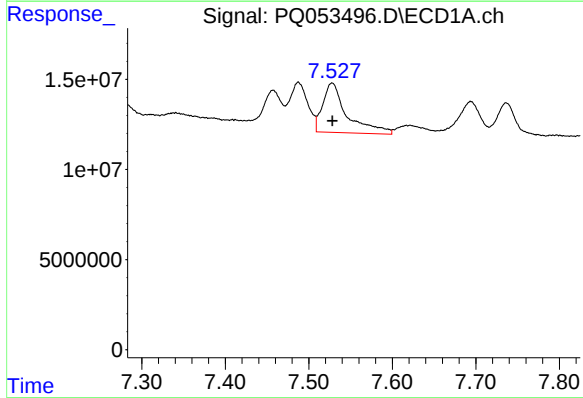
R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 28373463
Conc: 54.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



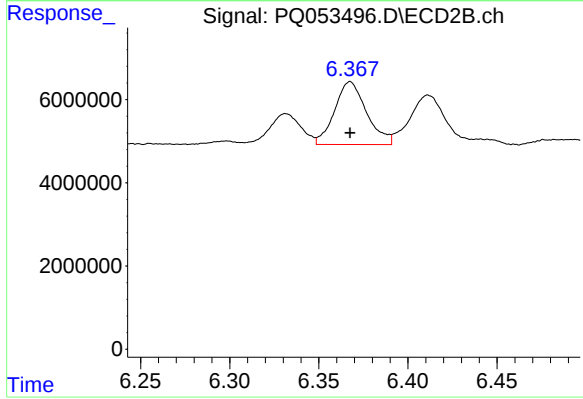
#19 AR-1242-4

R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 13804022
Conc: 58.26 ng/ml



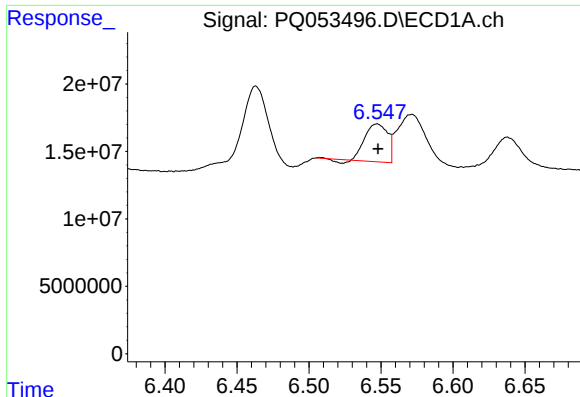
#20 AR-1242-5

R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 55431756
Conc: 94.96 ng/ml



#20 AR-1242-5

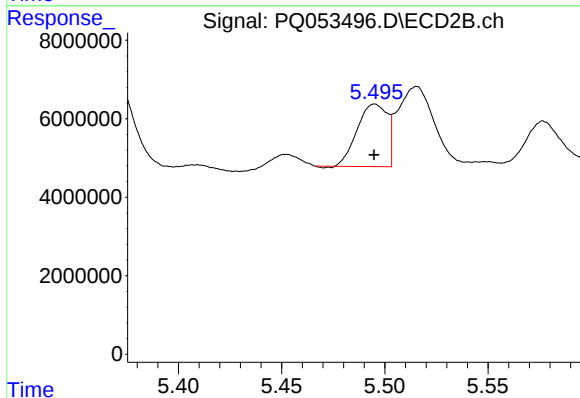
R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 18936950
Conc: 59.36 ng/ml



#21 AR-1248-1

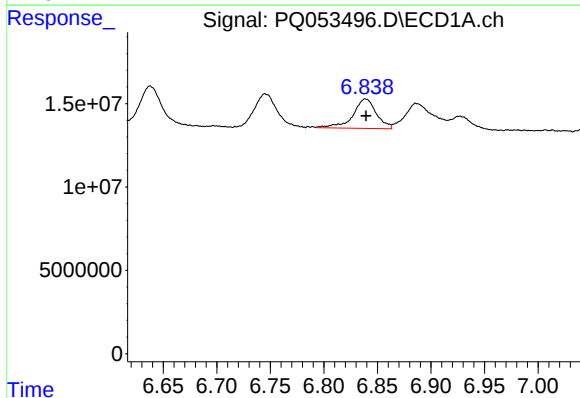
R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 29838001
Conc: 57.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



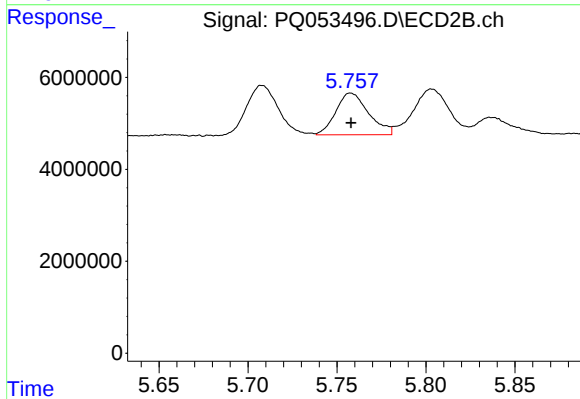
#21 AR-1248-1

R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 16102340
Conc: 66.61 ng/ml



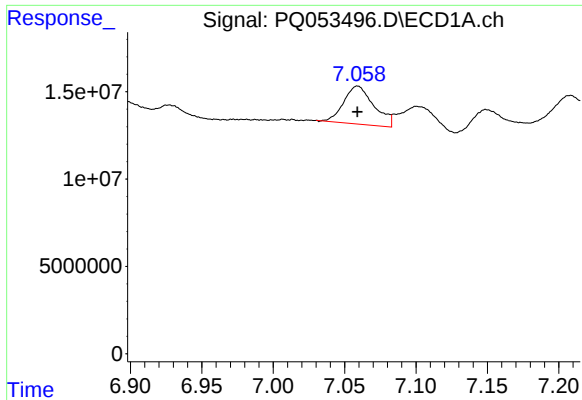
#22 AR-1248-2

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 26868892
Conc: 35.44 ng/ml



#22 AR-1248-2

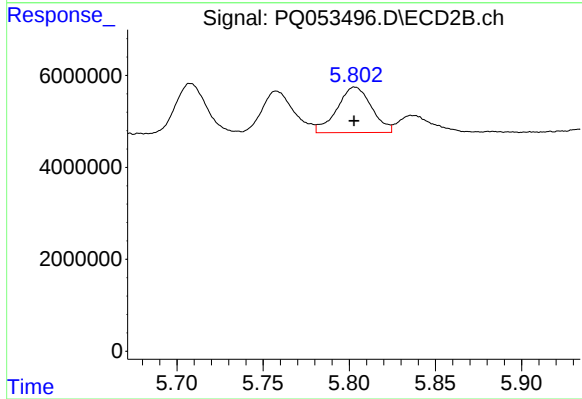
R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 11626108
Conc: 33.71 ng/ml



#23 AR-1248-3

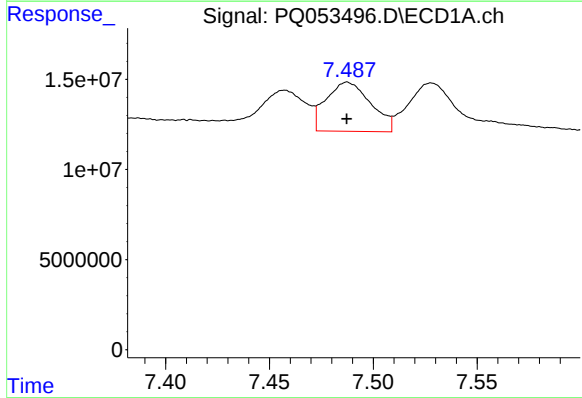
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 32111786
Conc: 37.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



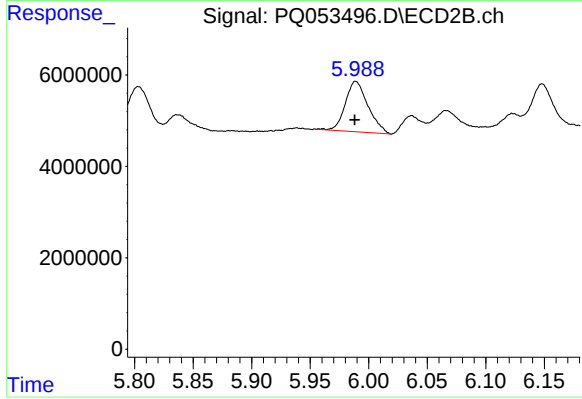
#23 AR-1248-3

R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 13804022
Conc: 39.35 ng/ml



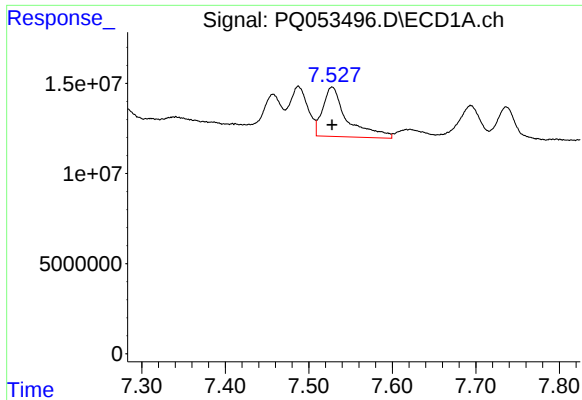
#24 AR-1248-4

R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 40773032
Conc: 41.91 ng/ml



#24 AR-1248-4

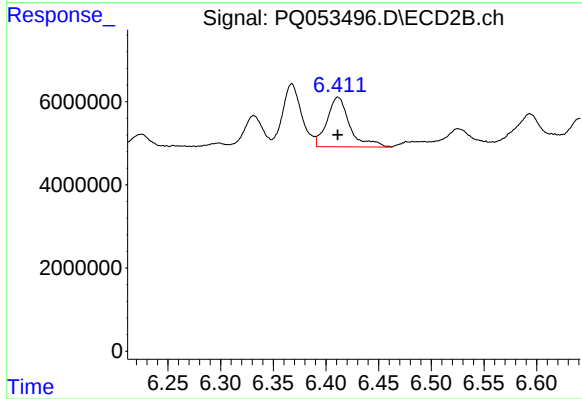
R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 14917056
Conc: 34.91 ng/ml



#25 AR-1248-5

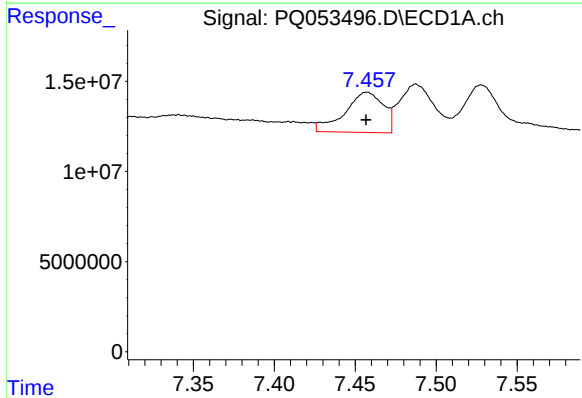
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 55431756
Conc: 56.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



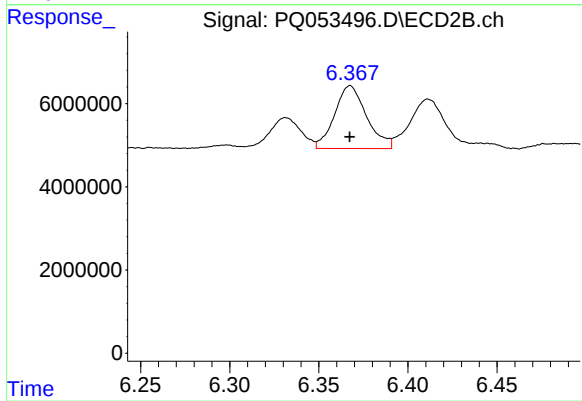
#25 AR-1248-5

R.T.: 6.411 min
Delta R.T.: 0.000 min
Response: 17903505
Conc: 42.22 ng/ml



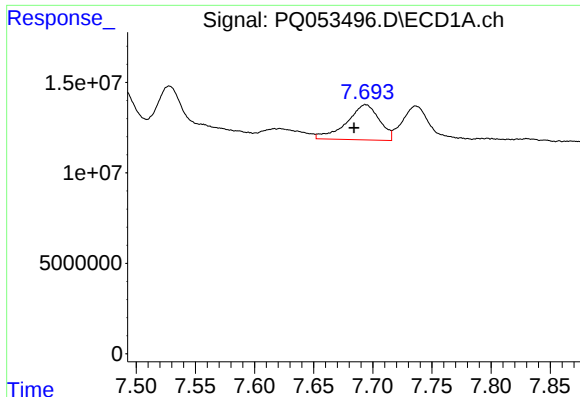
#26 AR-1254-1

R.T.: 7.457 min
Delta R.T.: 0.000 min
Response: 37180285
Conc: 38.19 ng/ml



#26 AR-1254-1

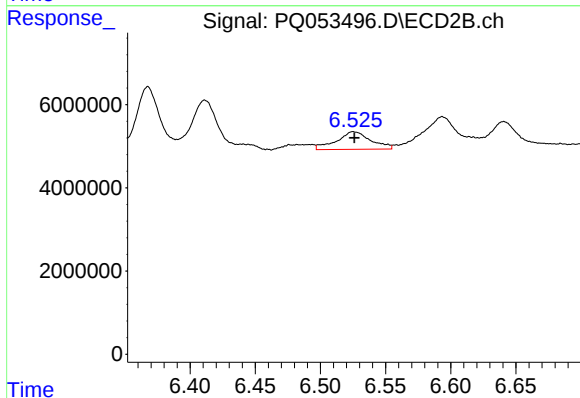
R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 18936950
Conc: 27.98 ng/ml



#27 AR-1254-2

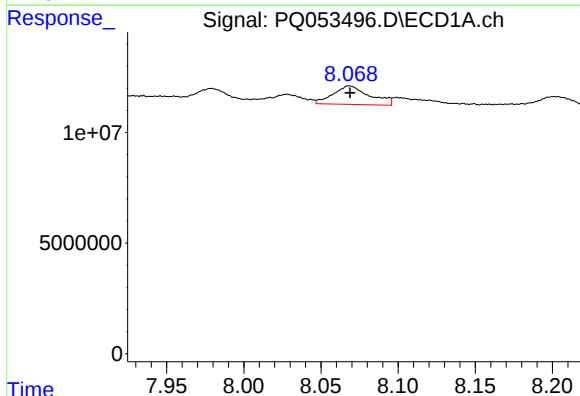
R.T.: 7.694 min
Delta R.T.: 0.010 min
Response: 37630148
Conc: 24.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



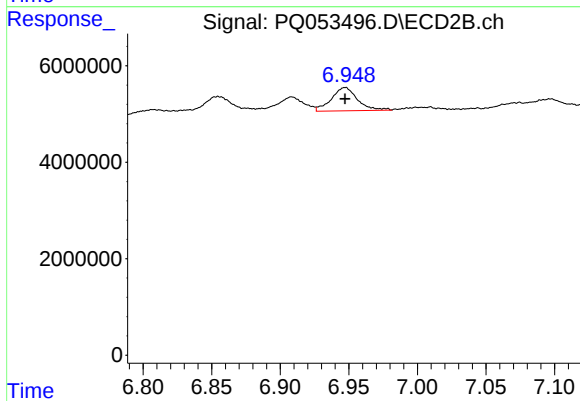
#27 AR-1254-2

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 7831740
Conc: 12.58 ng/ml



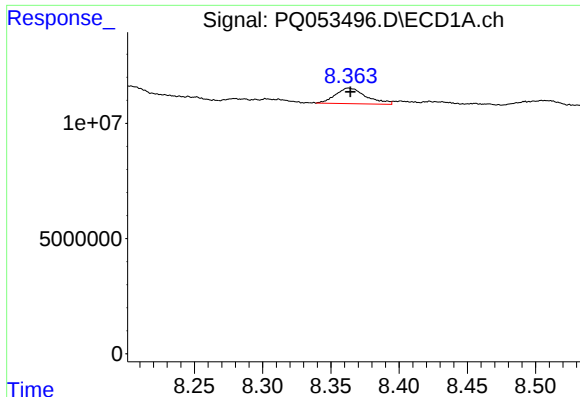
#28 AR-1254-3

R.T.: 8.069 min
Delta R.T.: 0.000 min
Response: 13737012
Conc: 8.79 ng/ml



#28 AR-1254-3

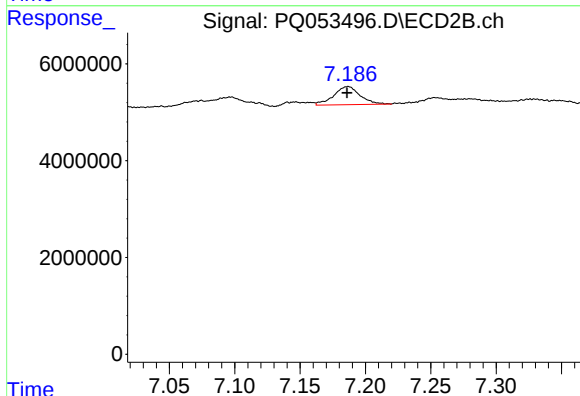
R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 6393438
Conc: 6.44 ng/ml



#29 AR-1254-4

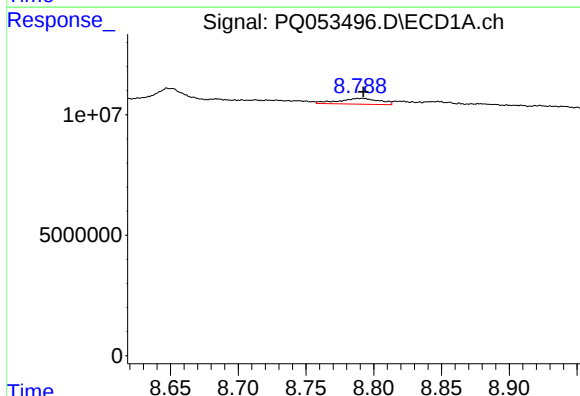
R.T.: 8.363 min
Delta R.T.: -0.001 min
Response: 10647412
Conc: 9.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



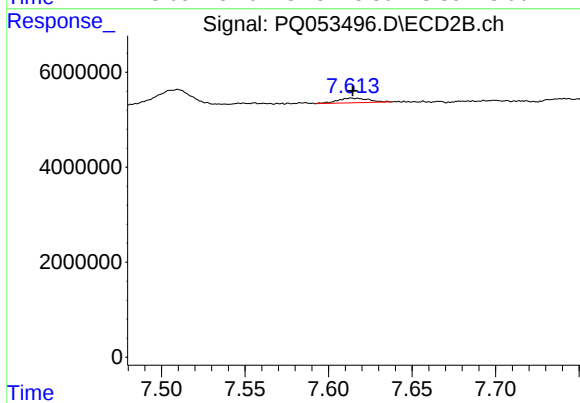
#29 AR-1254-4

R.T.: 7.187 min
Delta R.T.: 0.000 min
Response: 5262842
Conc: 8.48 ng/ml



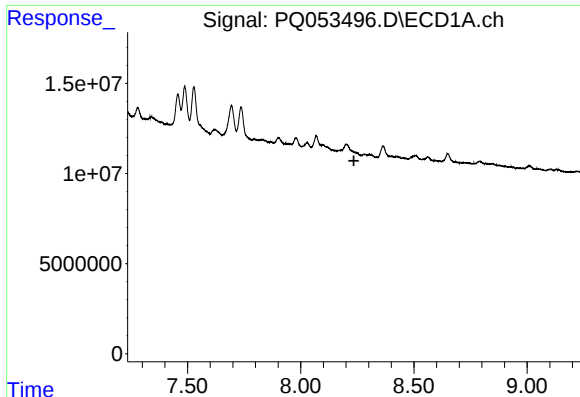
#30 AR-1254-5

R.T.: 8.792 min
Delta R.T.: 0.000 min
Response: 5045325
Conc: 3.92 ng/ml



#30 AR-1254-5

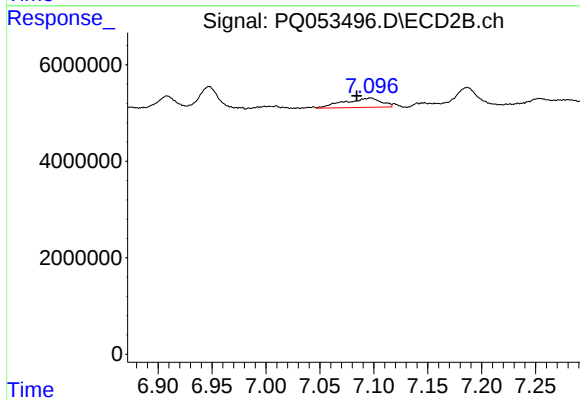
R.T.: 7.614 min
Delta R.T.: 0.000 min
Response: 1275336
Conc: 1.32 ng/ml



#31 AR-1260-1

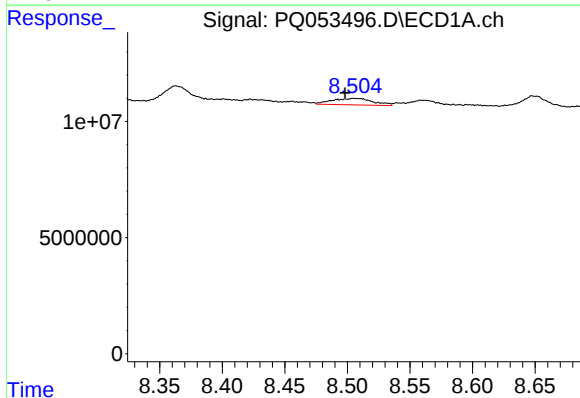
R.T.: 0.000 min
Exp R.T.: 8.235 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



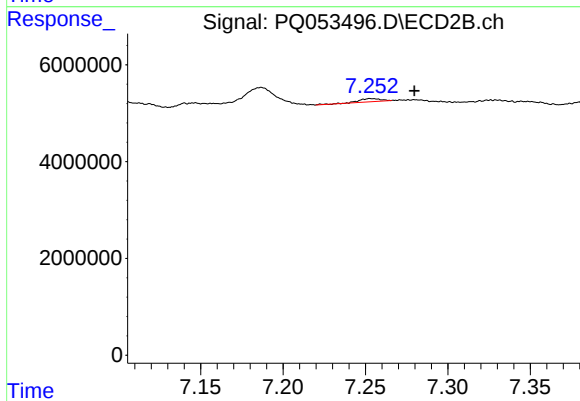
#31 AR-1260-1

R.T.: 7.098 min
Delta R.T.: 0.014 min
Response: 4570404
Conc: 5.67 ng/ml



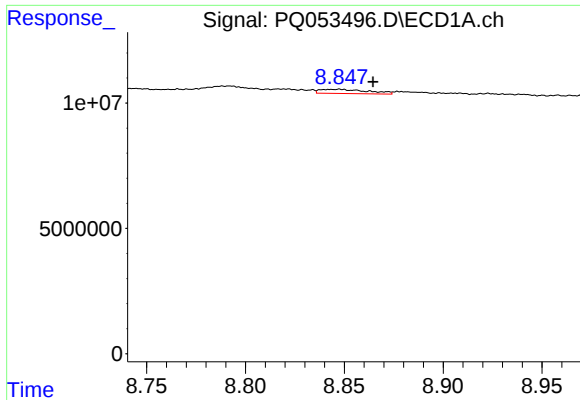
#32 AR-1260-2

R.T.: 8.505 min
Delta R.T.: 0.007 min
Response: 6298958
Conc: 3.67 ng/ml



#32 AR-1260-2

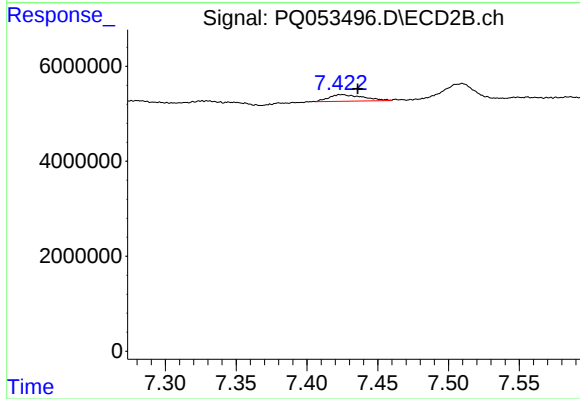
R.T.: 7.253 min
Delta R.T.: -0.027 min
Response: 585493
Conc: 0.52 ng/ml



#33 AR-1260-3

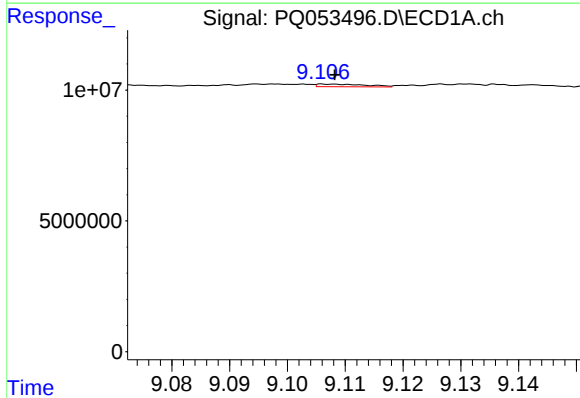
R.T.: 8.848 min
Delta R.T.: -0.017 min
Response: 2813709
Conc: 2.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



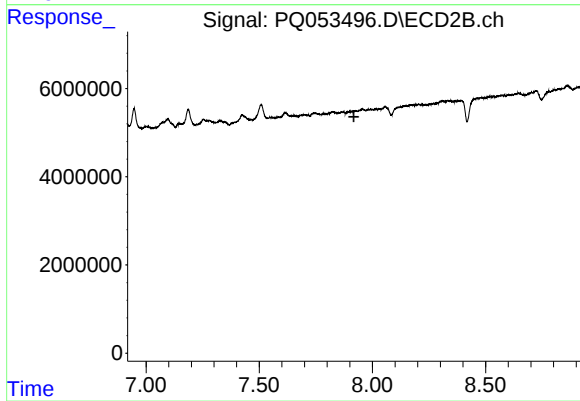
#33 AR-1260-3

R.T.: 7.423 min
Delta R.T.: -0.013 min
Response: 2320530
Conc: 2.43 ng/ml



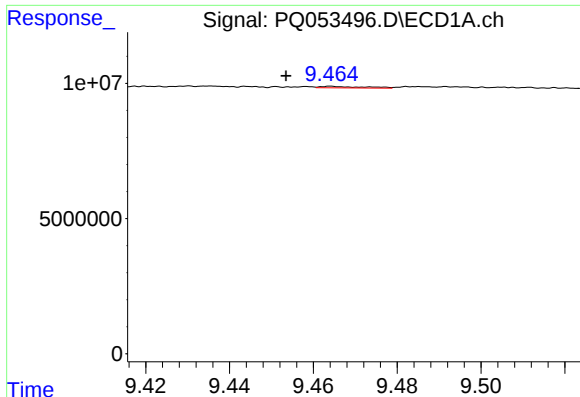
#34 AR-1260-4

R.T.: 9.107 min
Delta R.T.: -0.002 min
Response: 591314
Conc: 0.46 ng/ml



#34 AR-1260-4

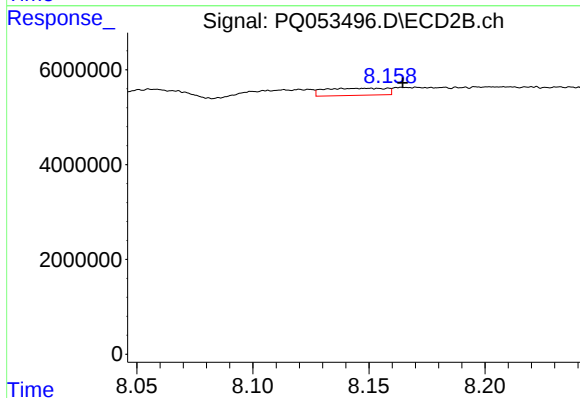
R.T.: 0.000 min
Exp R.T.: 7.918 min
Response: 0
Conc: N.D.



#35 AR-1260-5

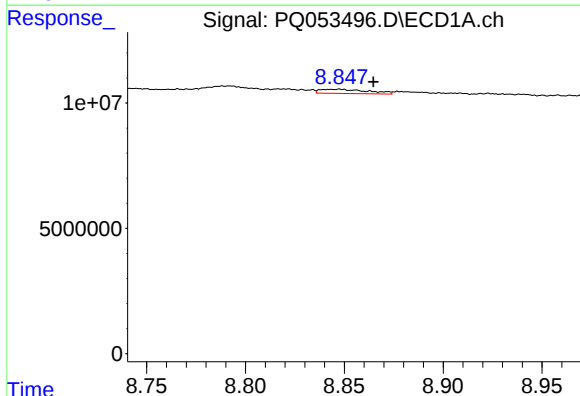
R.T.: 9.464 min
Delta R.T.: 0.011 min
Response: 404599
Conc: 0.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



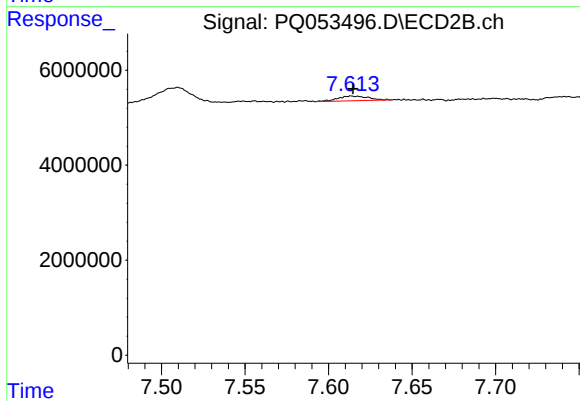
#35 AR-1260-5

R.T.: 8.138 min
Delta R.T.: -0.026 min
Response: 2746214
Conc: 1.43 ng/ml



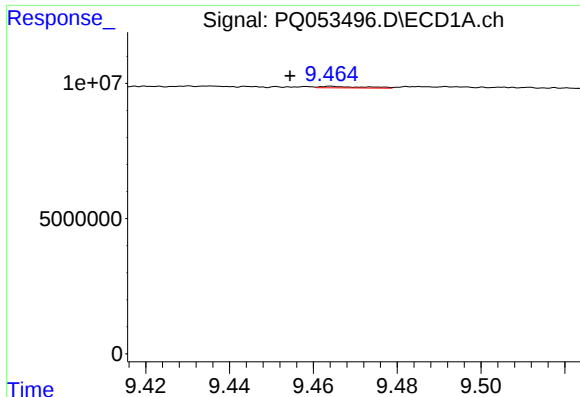
#36 AR-1262-1

R.T.: 8.848 min
Delta R.T.: -0.017 min
Response: 2813709
Conc: 1.62 ng/ml



#36 AR-1262-1

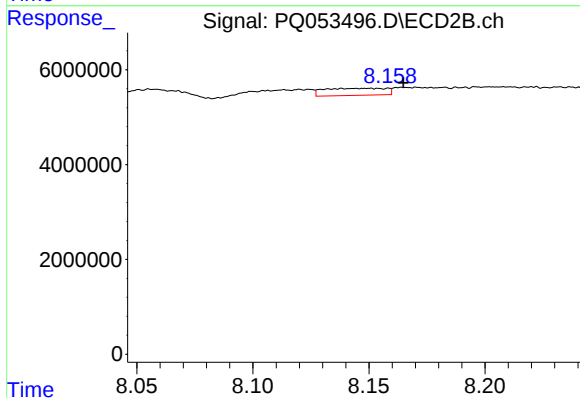
R.T.: 7.614 min
Delta R.T.: -0.001 min
Response: 1275336
Conc: 2.66 ng/ml



#37 AR-1262-2

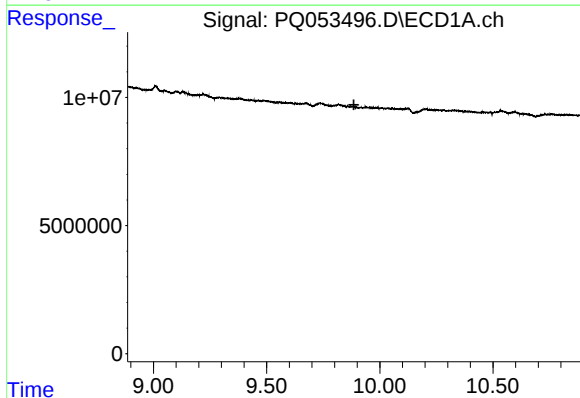
R.T.: 9.464 min
Delta R.T.: 0.010 min
Response: 404599
Conc: 0.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



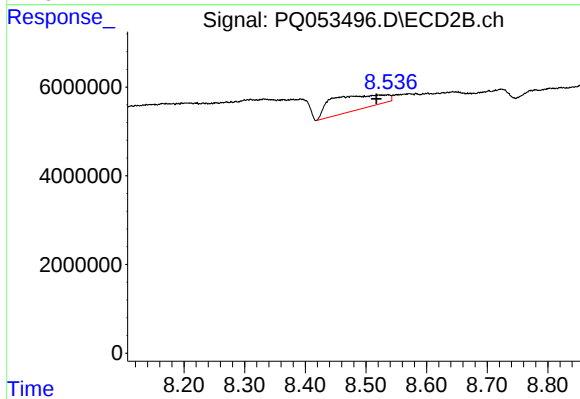
#37 AR-1262-2

R.T.: 8.138 min
Delta R.T.: -0.026 min
Response: 2746214
Conc: 1.34 ng/ml



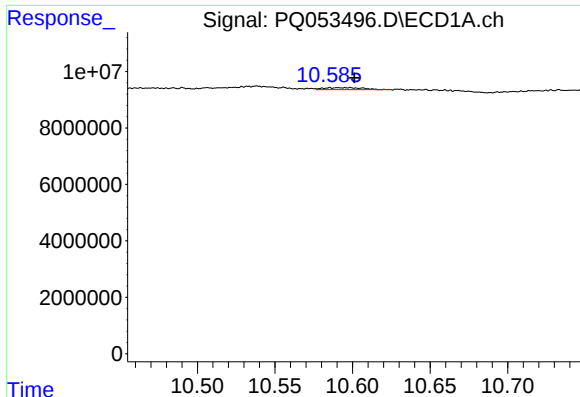
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 9.885 min
Response: 0
Conc: N.D.



#39 AR-1262-4

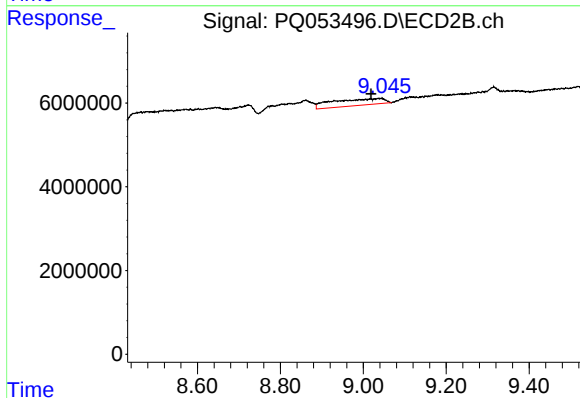
R.T.: 8.537 min
Delta R.T.: 0.020 min
Response: 20109912
Conc: 14.17 ng/ml



#40 AR-1262-5

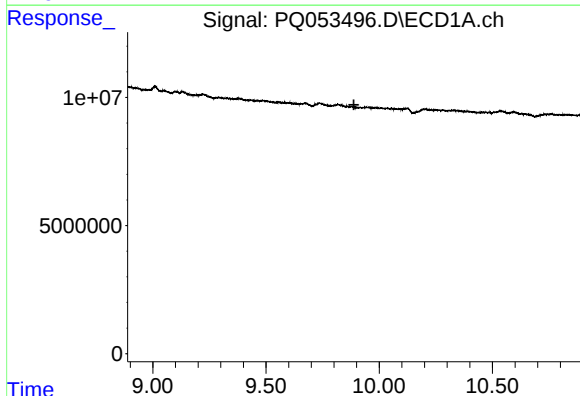
R.T.: 10.598 min
Delta R.T.: -0.003 min
Response: 1258997
Conc: 1.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



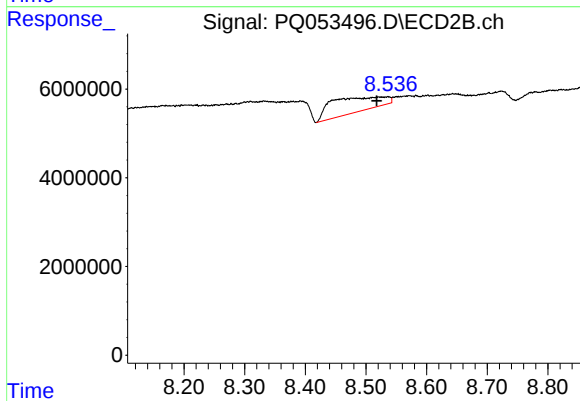
#40 AR-1262-5

R.T.: 9.045 min
Delta R.T.: 0.026 min
Response: 13810006
Conc: 22.40 ng/ml



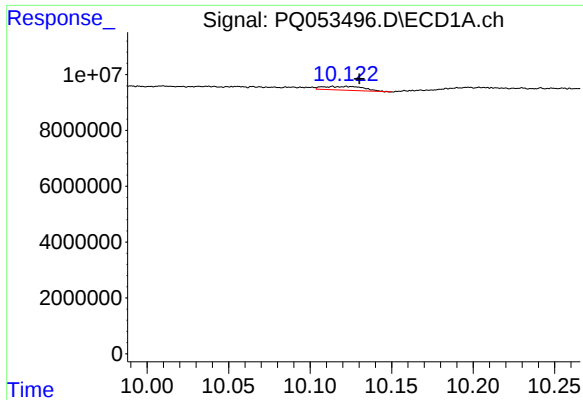
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.888 min
Response: 0
Conc: N.D.



#42 AR-1268-2

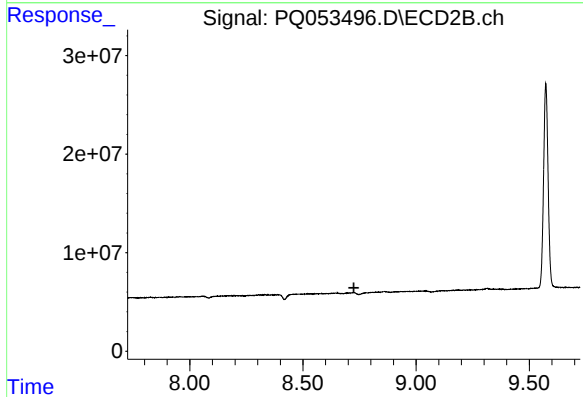
R.T.: 8.537 min
Delta R.T.: 0.019 min
Response: 20109912
Conc: 10.34 ng/ml



#43 AR-1268-3

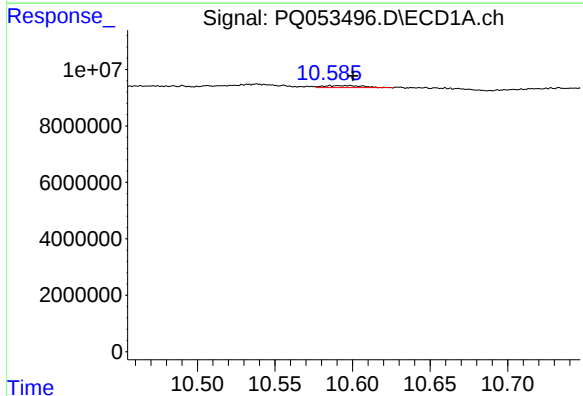
R.T.: 10.114 min
Delta R.T.: -0.016 min
Response: 2380402
Conc: 0.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



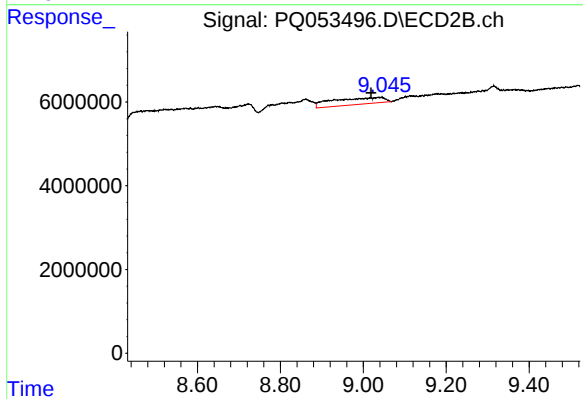
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.725 min
Response: 0
Conc: N.D.



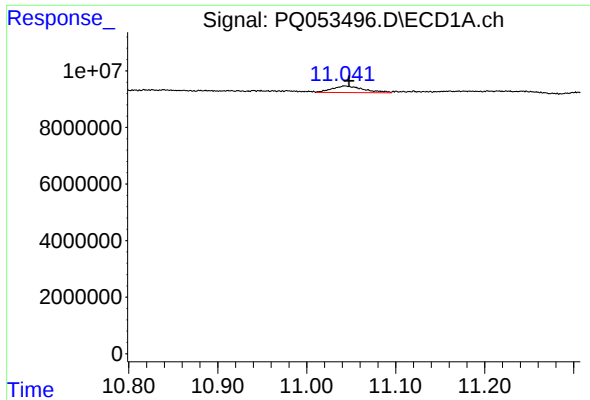
#44 AR-1268-4

R.T.: 10.598 min
Delta R.T.: -0.002 min
Response: 1258997
Conc: 1.09 ng/ml



#44 AR-1268-4

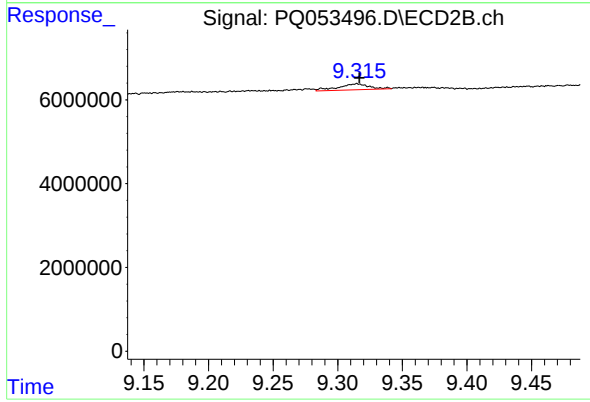
R.T.: 9.045 min
Delta R.T.: 0.026 min
Response: 13810006
Conc: 21.57 ng/ml



#45 AR-1268-5

R.T.: 11.043 min
Delta R.T.: -0.005 min
Response: 5677722
Conc: 0.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.315 min
Delta R.T.: -0.002 min
Response: 2375016
Conc: 0.49 ng/ml