

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR073118\
 Data File : PR030969.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2018 03:46 pm
 Operator : SM\MA
 Sample : AR1232ICC250
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 09:20:04 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR073118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 01 09:19:57 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...	4.559	3.692	349.1E6	612.5E6	24.233	24.077
2)	SA Decachlor...	10.324	8.587	867.1E6	527.2E6	25.120	25.270
Target Compounds							
3)	L1 AR-1016-1	4.925	4.348	80179745	103.7E6	295.379	120.325 #
4)	L1 AR-1016-2	5.452	4.751	45223265	146.3E6	107.044	108.460
5)	L1 AR-1016-3	5.740	4.768	108.6E6	275.4E6	107.698	111.663
6)	L1 AR-1016-4	5.803	4.825	65980004	163.0E6	109.449	110.186
7)	L1 AR-1016-5	6.335	4.980	64887159	96557167	108.951	96.311
8)	L2 AR-1221-1	4.762	3.899	26320802	54940132	145.134	149.156
9)	L2 AR-1221-2	4.848	3.984	25093602	55806113	177.158	199.257
10)	L2 AR-1221-3	4.925	4.058	80179745	182.6E6	186.935	200.414
11)	L3 AR-1232-1	5.259	4.348	46912911	103.7E6	254.681	263.924
12)	L3 AR-1232-2	5.452	4.768	45223265	275.4E6	248.986	264.356
13)	L3 AR-1232-3	5.740	4.825	108.6E6	163.0E6	250.934	255.372
14)	L3 AR-1232-4	5.803	5.020	65980004	124.9E6	251.615	262.060
15)	L3 AR-1232-5	6.193	5.335	54774831	161.0E6	254.862	254.997
16)	L4 AR-1242-1	5.452	4.536	45223265	119.2E6	127.545	138.228
17)	L4 AR-1242-2	5.717	4.768	75474540	275.4E6	127.988	135.929
18)	L4 AR-1242-3	5.740	4.942	108.6E6	128.0E6	131.386	132.944
19)	L4 AR-1242-4	6.193	4.980	54774831	96557167	117.821	117.978
20)	L4 AR-1242-5	6.335	5.190	64887159	148.2E6	123.332	124.578
21)	L5 AR-1248-1	6.193	4.980	54774831	96557167	75.628	71.308
22)	L5 AR-1248-2	6.335	5.020	64887159	124.9E6	103.158	88.626
23)	L5 AR-1248-3	6.594	5.190	69114823	148.2E6	71.375	82.306
24)	L5 AR-1248-4	6.633	5.533	72963087	188.9E6	79.808	66.748
25)	L5 AR-1248-5	6.791	5.574	58987382	192.3E6	61.978	94.947 #
26)	L6 AR-1254-1	5.989	4.980	45703374	96557167	79.748	74.393
27)	L6 AR-1254-2	6.791	5.675	58987382	48078000	30.902	13.849 #
28)	L6 AR-1254-3	7.152	6.073	26242892	64039188	12.361	11.322
29)	L6 AR-1254-4	7.434	6.298	16408408	56013488	8.681	12.716 #
30)	L6 AR-1254-5	7.851	6.705	8668071	18591993	4.327	4.382
31)	L7 AR-1260-1	7.315	6.197	5750720	32024216	4.394	10.074 #
32)	L7 AR-1260-2	7.570	6.384	5836987	25795520	3.050	6.523 #
33)	L7 AR-1260-3	7.851	6.740	8668071	13804566	3.961	4.875
34)	L7 AR-1260-4	8.479	7.235	9866215	17382958	2.635	4.738 #
35)	L7 AR-1260-5	8.808	7.578	8162765	10561566	3.453	4.979 #
36)	L8 AR-1262-1	7.315	6.197	5750720	32024216	4.661	11.220 #
37)	L8 AR-1262-2	7.570	6.384	5836987	25795520	3.347	7.448 #
38)	L8 AR-1262-3	7.928	6.740	6024714	13804566	2.285	3.294 #
39)	L8 AR-1262-4	8.154	6.995	8588506	16130190	4.055	5.920 #
40)	L8 AR-1262-5	8.479	7.235	9866215	17382958	2.024	3.800 #
41)	L9 AR-1268-1	8.808	7.513	8162765	18584357	1.465	4.732 #

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 Sample : AR1232ICC250
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

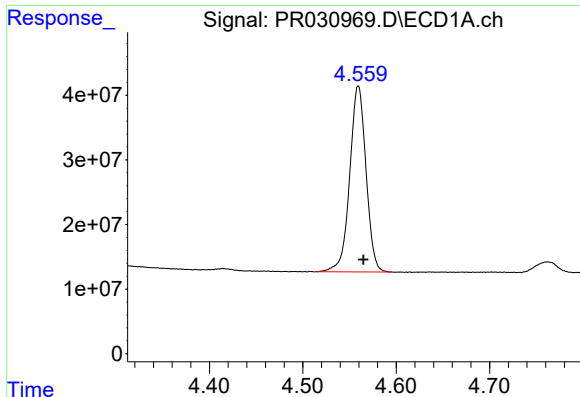
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 09:20:04 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR073118.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	8.895	7.578	7820700	10561566	1.627	3.174 #
43) L9	AR-1268-3	9.127	7.776	12384359	20021141	2.856	7.464 #
44) L9	AR-1268-4	9.556	8.068	8452776	3831054	4.385	3.305
45) L9	AR-1268-5	9.980	8.347	10721061	11030086	0.839	1.577 #

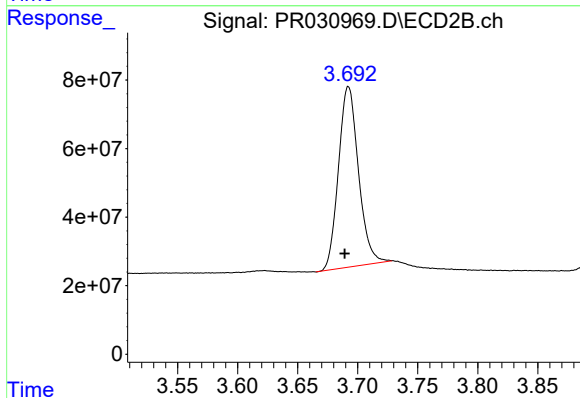
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

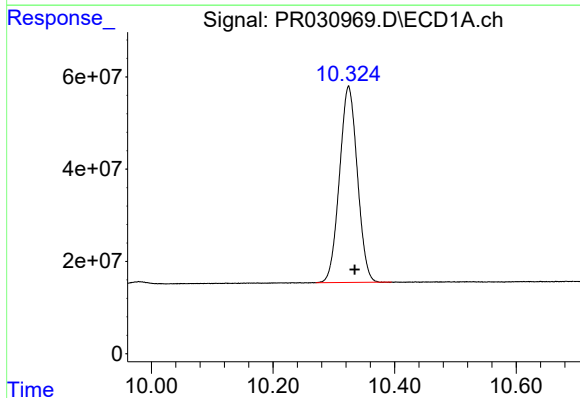
R.T.: 4.559 min
Delta R.T.: -0.006 min
Response: 349064681
Conc: 24.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



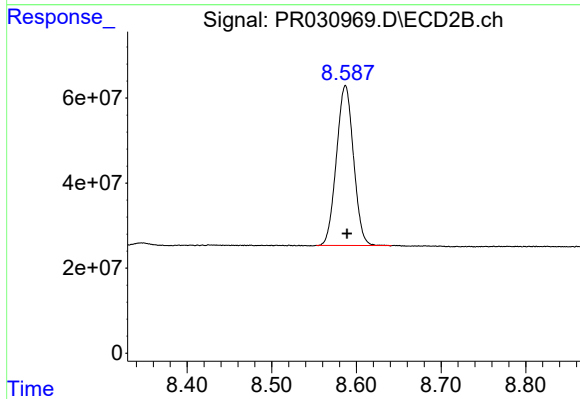
#1 Tetrachloro-m-xylene

R.T.: 3.692 min
Delta R.T.: 0.003 min
Response: 612450951
Conc: 24.08 ng/ml



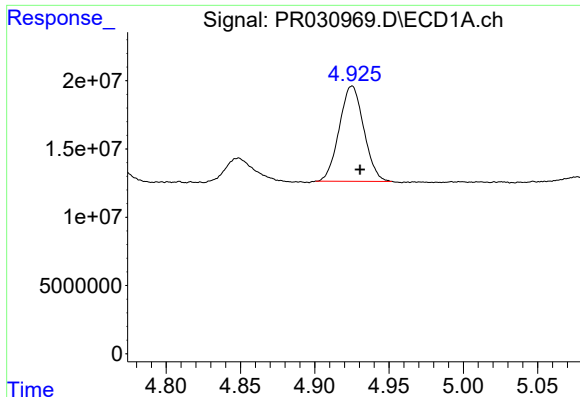
#2 Decachlorobiphenyl

R.T.: 10.324 min
Delta R.T.: -0.010 min
Response: 867071513
Conc: 25.12 ng/ml



#2 Decachlorobiphenyl

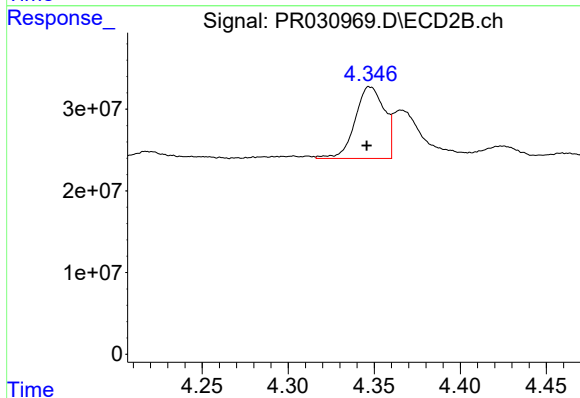
R.T.: 8.587 min
Delta R.T.: -0.002 min
Response: 527190600
Conc: 25.27 ng/ml



#3 AR-1016-1

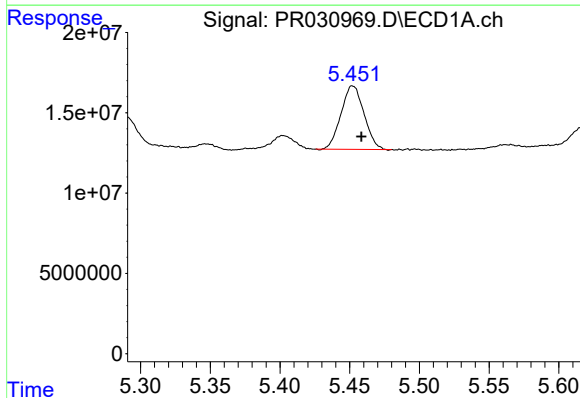
R.T.: 4.925 min
Delta R.T.: -0.005 min
Response: 80179745
Conc: 295.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



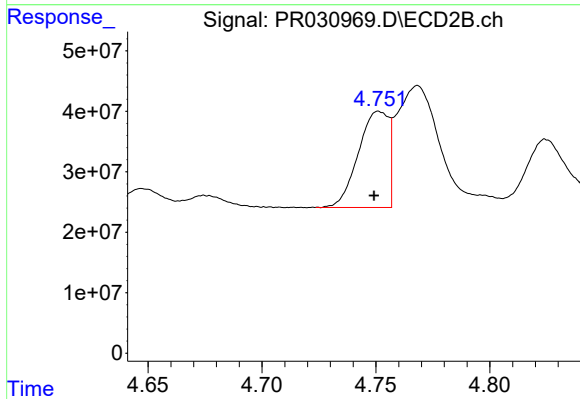
#3 AR-1016-1

R.T.: 4.348 min
Delta R.T.: 0.002 min
Response: 103664533
Conc: 120.33 ng/ml



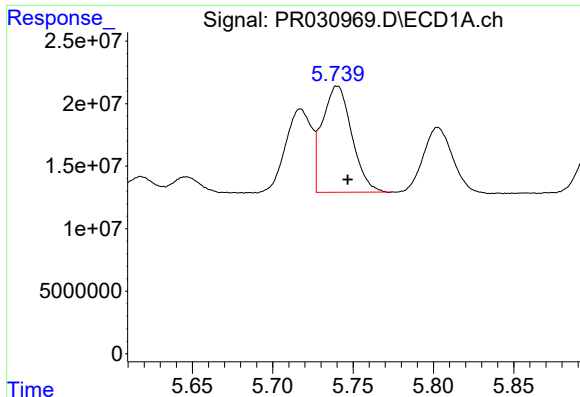
#4 AR-1016-2

R.T.: 5.452 min
Delta R.T.: -0.006 min
Response: 45223265
Conc: 107.04 ng/ml



#4 AR-1016-2

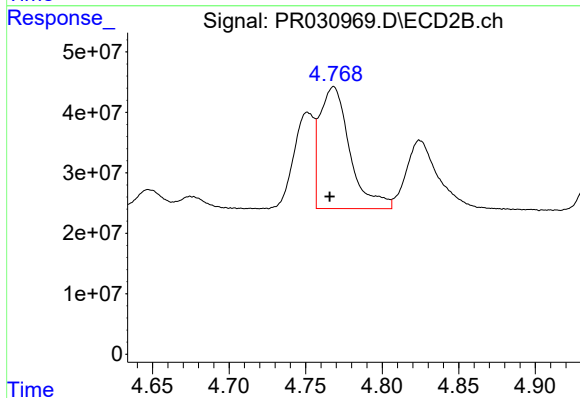
R.T.: 4.751 min
Delta R.T.: 0.002 min
Response: 146276583
Conc: 108.46 ng/ml



#5 AR-1016-3

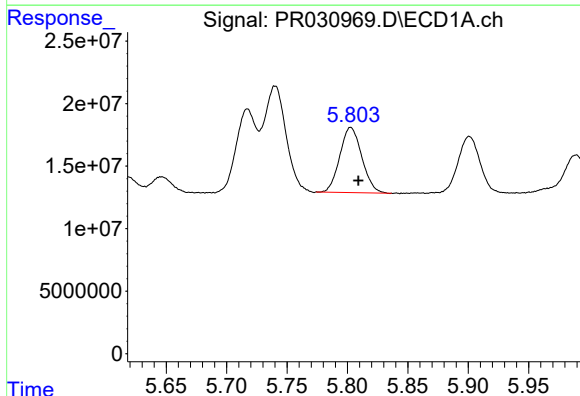
R.T.: 5.740 min
Delta R.T.: -0.007 min
Response: 108558399
Conc: 107.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



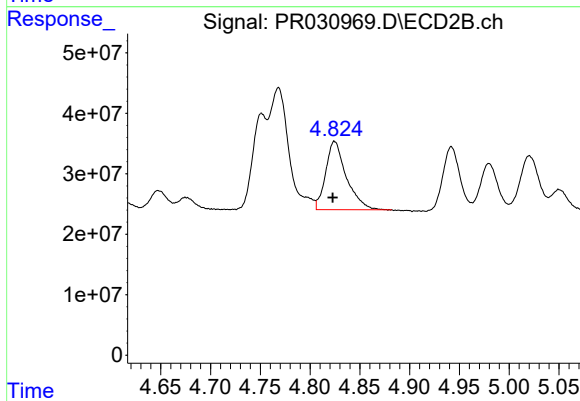
#5 AR-1016-3

R.T.: 4.768 min
Delta R.T.: 0.002 min
Response: 275428131
Conc: 111.66 ng/ml



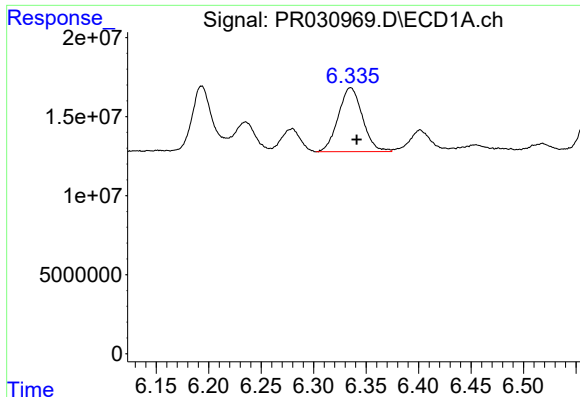
#6 AR-1016-4

R.T.: 5.803 min
Delta R.T.: -0.006 min
Response: 65980004
Conc: 109.45 ng/ml



#6 AR-1016-4

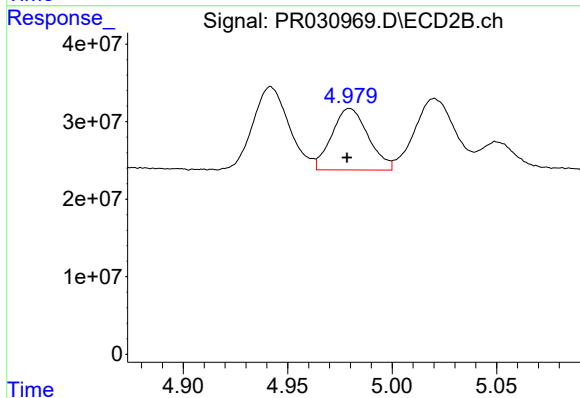
R.T.: 4.825 min
Delta R.T.: 0.002 min
Response: 162984451
Conc: 110.19 ng/ml



#7 AR-1016-5

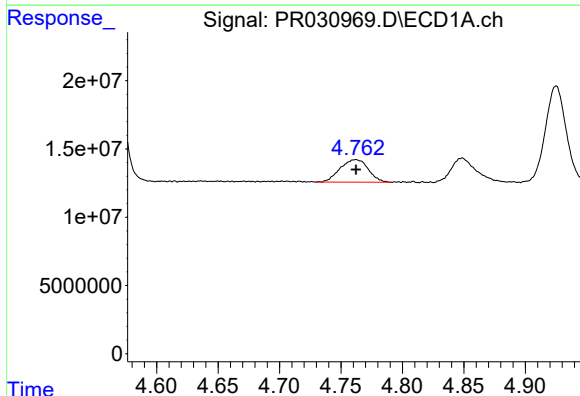
R.T.: 6.335 min
Delta R.T.: -0.006 min
Response: 64887159
Conc: 108.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



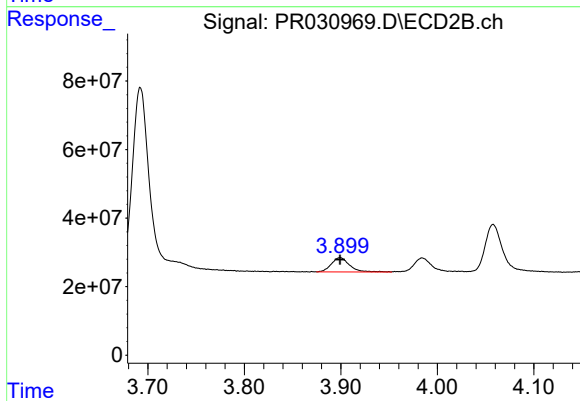
#7 AR-1016-5

R.T.: 4.980 min
Delta R.T.: 0.001 min
Response: 96557167
Conc: 96.31 ng/ml



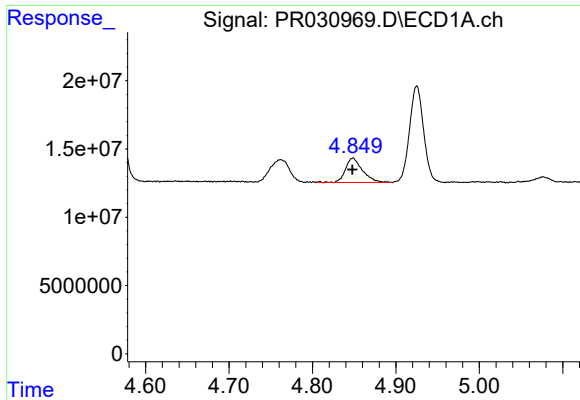
#8 AR-1221-1

R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 26320802
Conc: 145.13 ng/ml



#8 AR-1221-1

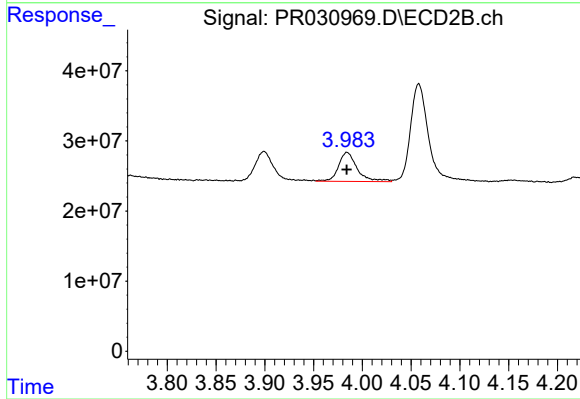
R.T.: 3.899 min
Delta R.T.: 0.000 min
Response: 54940132
Conc: 149.16 ng/ml



#9 AR-1221-2

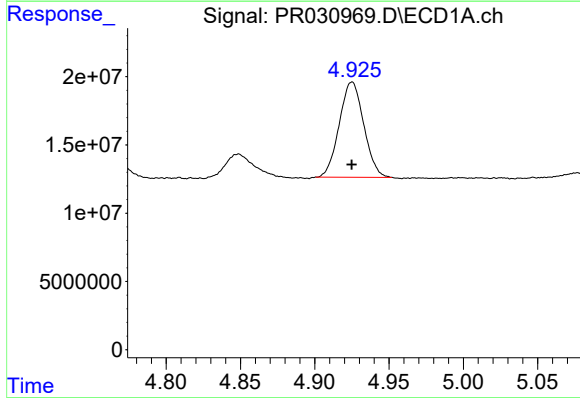
R.T.: 4.848 min
Delta R.T.: 0.000 min
Response: 25093602
Conc: 177.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



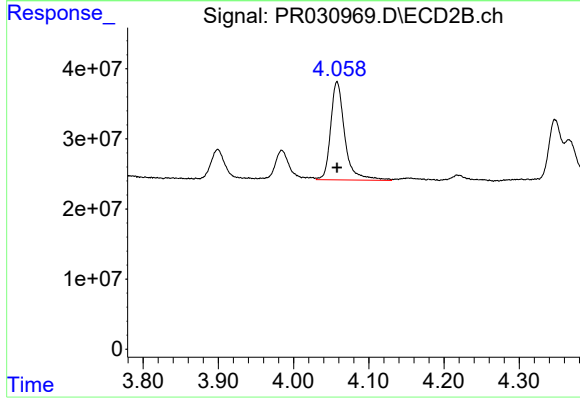
#9 AR-1221-2

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 55806113
Conc: 199.26 ng/ml



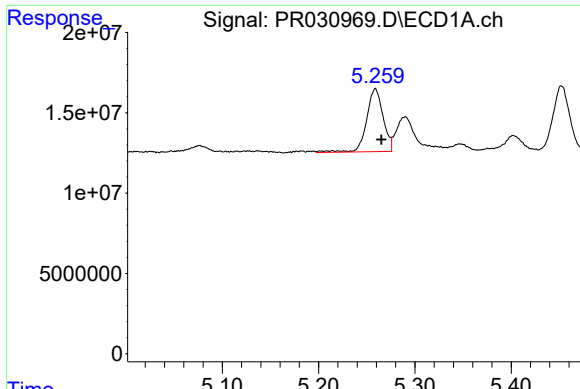
#10 AR-1221-3

R.T.: 4.925 min
Delta R.T.: 0.000 min
Response: 80179745
Conc: 186.94 ng/ml



#10 AR-1221-3

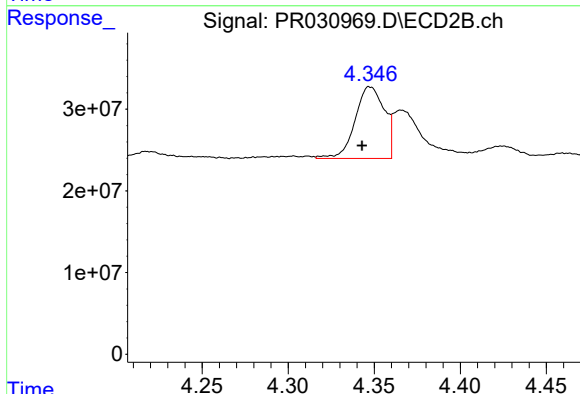
R.T.: 4.058 min
Delta R.T.: 0.000 min
Response: 182618154
Conc: 200.41 ng/ml



#11 AR-1232-1

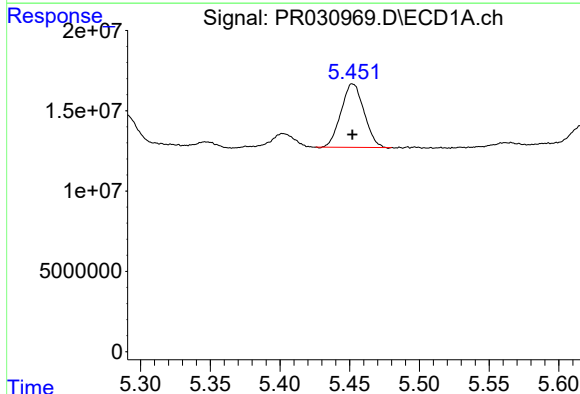
R.T.: 5.259 min
Delta R.T.: -0.006 min
Response: 46912911
Conc: 254.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



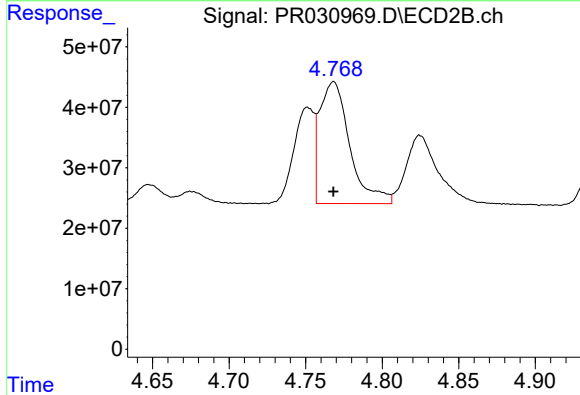
#11 AR-1232-1

R.T.: 4.348 min
Delta R.T.: 0.005 min
Response: 103664533
Conc: 263.92 ng/ml



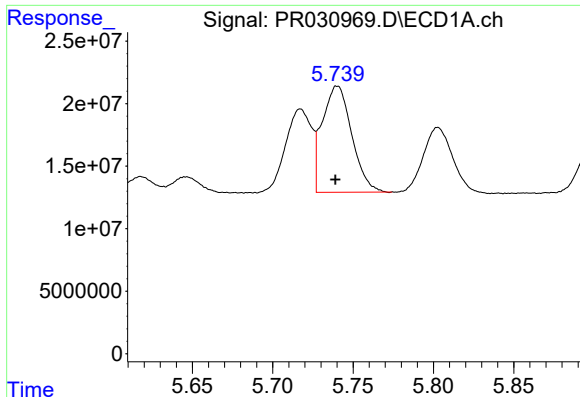
#12 AR-1232-2

R.T.: 5.452 min
Delta R.T.: 0.000 min
Response: 45223265
Conc: 248.99 ng/ml



#12 AR-1232-2

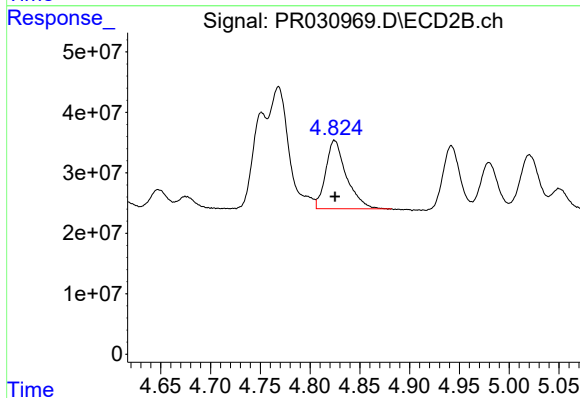
R.T.: 4.768 min
Delta R.T.: 0.000 min
Response: 275428131
Conc: 264.36 ng/ml



#13 AR-1232-3

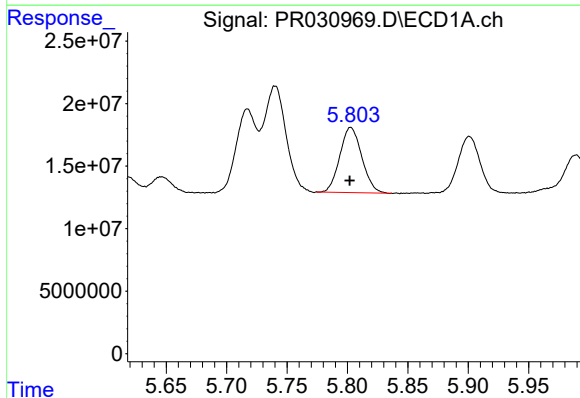
R.T.: 5.740 min
Delta R.T.: 0.001 min
Response: 108558399
Conc: 250.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



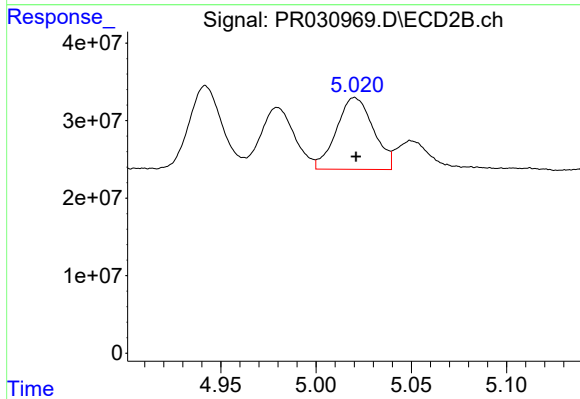
#13 AR-1232-3

R.T.: 4.825 min
Delta R.T.: 0.000 min
Response: 162984451
Conc: 255.37 ng/ml



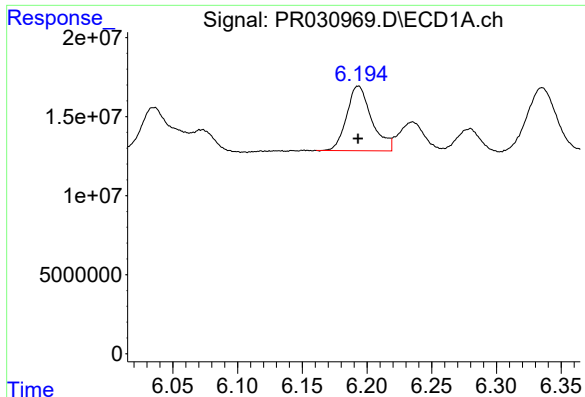
#14 AR-1232-4

R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 65980004
Conc: 251.61 ng/ml



#14 AR-1232-4

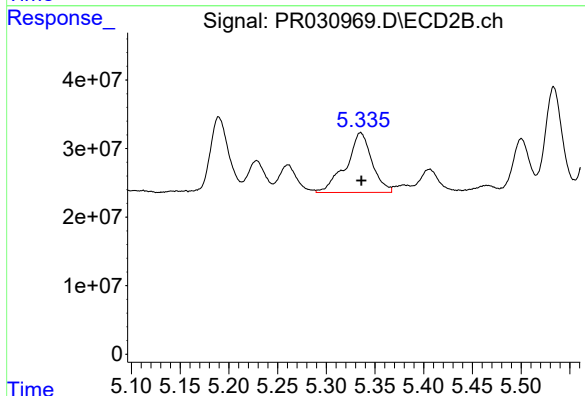
R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 124881628
Conc: 262.06 ng/ml



#15 AR-1232-5

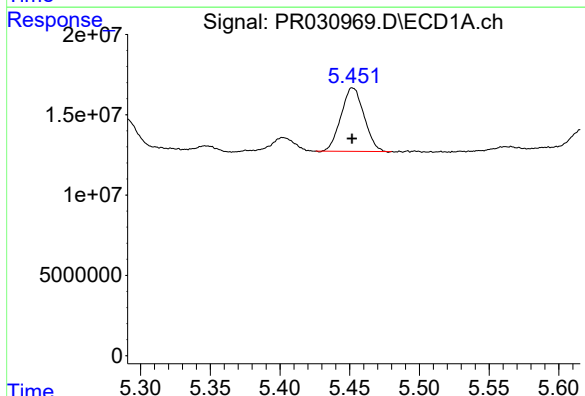
R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 54774831
Conc: 254.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



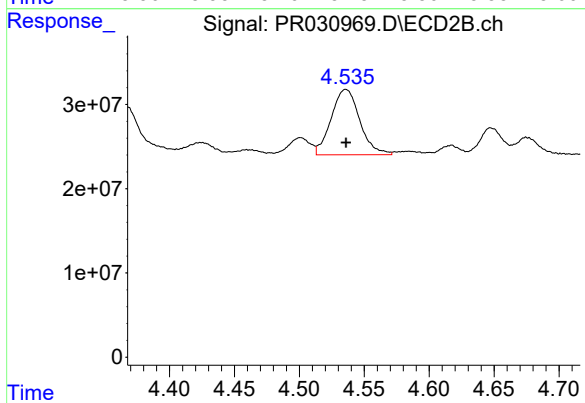
#15 AR-1232-5

R.T.: 5.335 min
Delta R.T.: 0.000 min
Response: 161005553
Conc: 255.00 ng/ml



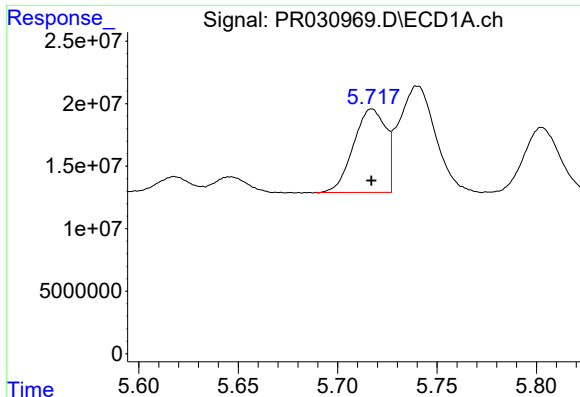
#16 AR-1242-1

R.T.: 5.452 min
Delta R.T.: 0.000 min
Response: 45223265
Conc: 127.55 ng/ml



#16 AR-1242-1

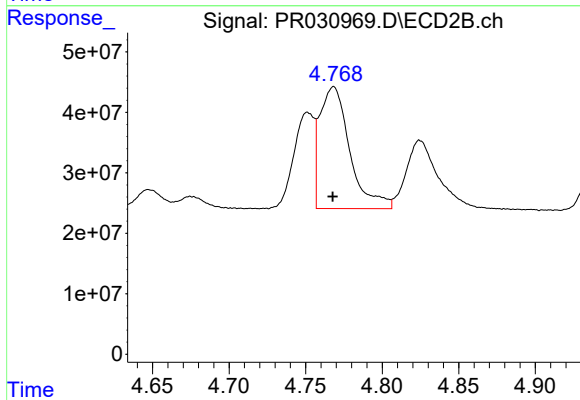
R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 119172723
Conc: 138.23 ng/ml



#17 AR-1242-2

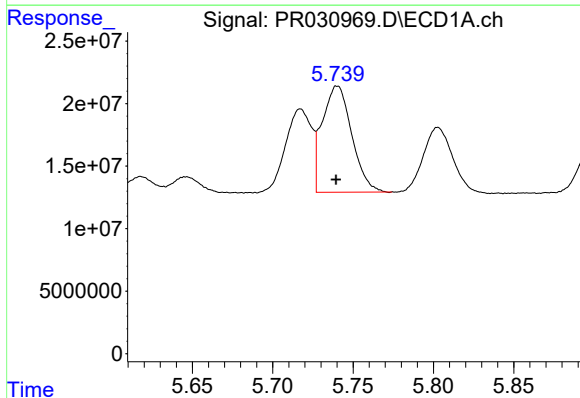
R.T.: 5.717 min
Delta R.T.: 0.000 min
Response: 75474540
Conc: 127.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



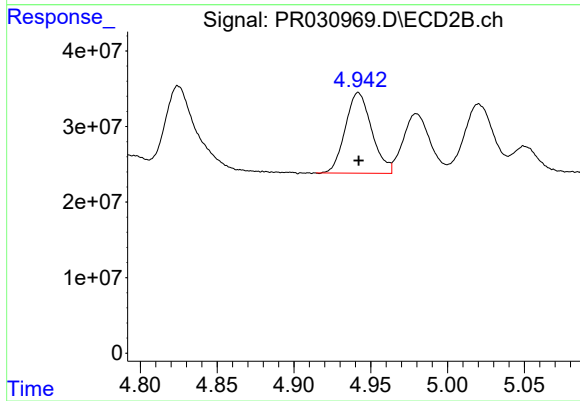
#17 AR-1242-2

R.T.: 4.768 min
Delta R.T.: 0.000 min
Response: 275428131
Conc: 135.93 ng/ml



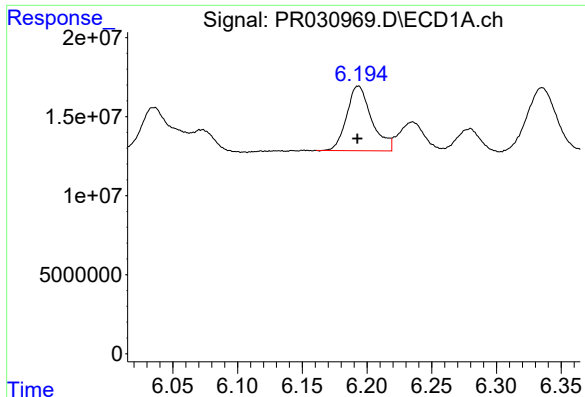
#18 AR-1242-3

R.T.: 5.740 min
Delta R.T.: 0.000 min
Response: 108558399
Conc: 131.39 ng/ml



#18 AR-1242-3

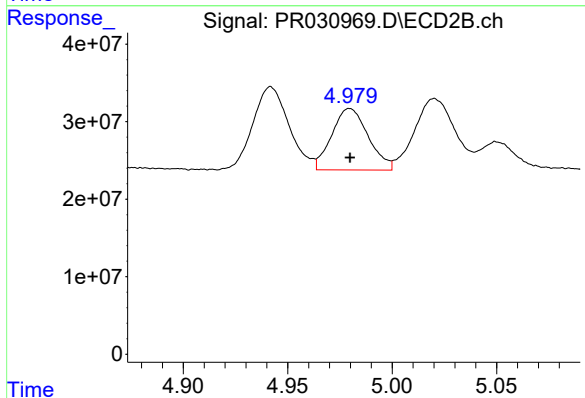
R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 127960392
Conc: 132.94 ng/ml



#19 AR-1242-4

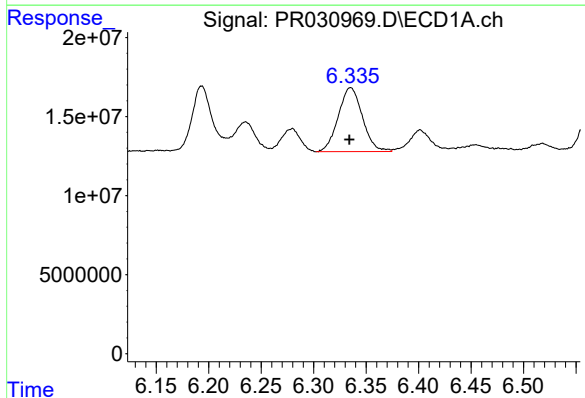
R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 54774831
Conc: 117.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



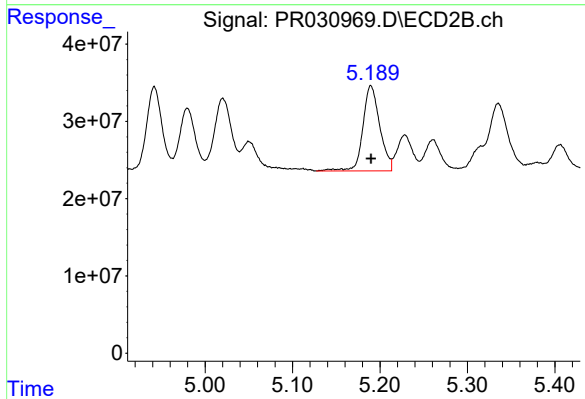
#19 AR-1242-4

R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 96557167
Conc: 117.98 ng/ml



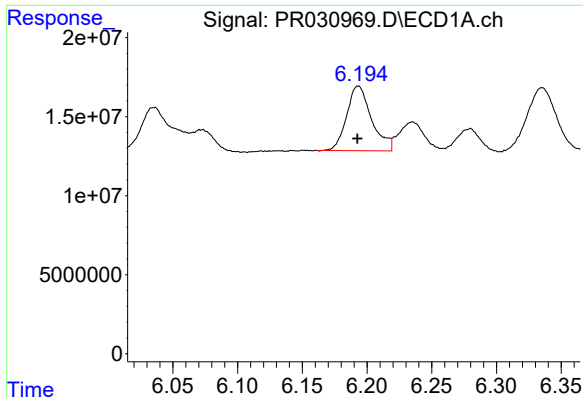
#20 AR-1242-5

R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 64887159
Conc: 123.33 ng/ml



#20 AR-1242-5

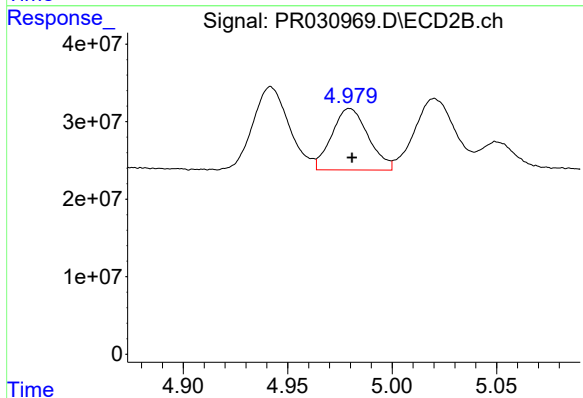
R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 148217193
Conc: 124.58 ng/ml



#21 AR-1248-1

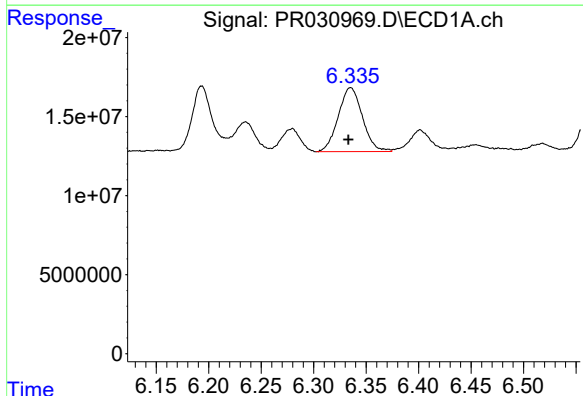
R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 54774831
Conc: 75.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



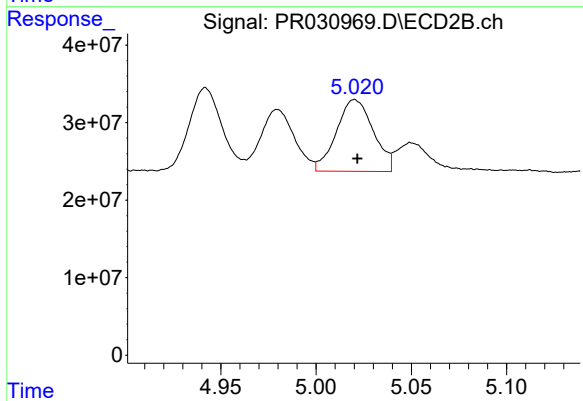
#21 AR-1248-1

R.T.: 4.980 min
Delta R.T.: -0.001 min
Response: 96557167
Conc: 71.31 ng/ml



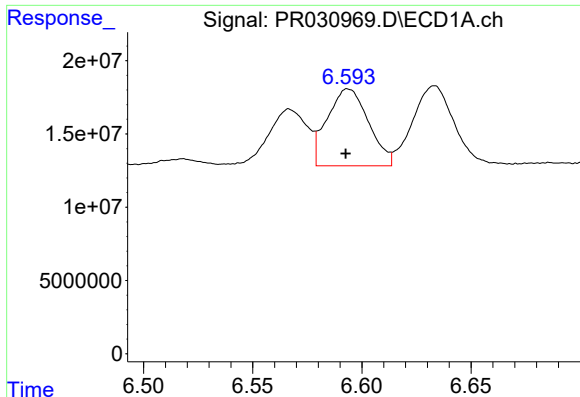
#22 AR-1248-2

R.T.: 6.335 min
Delta R.T.: 0.002 min
Response: 64887159
Conc: 103.16 ng/ml



#22 AR-1248-2

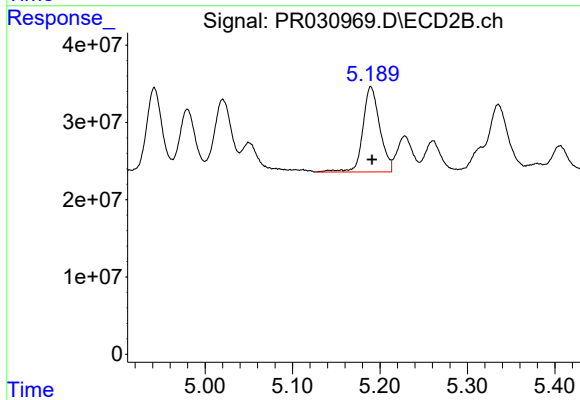
R.T.: 5.020 min
Delta R.T.: -0.002 min
Response: 124881628
Conc: 88.63 ng/ml



#23 AR-1248-3

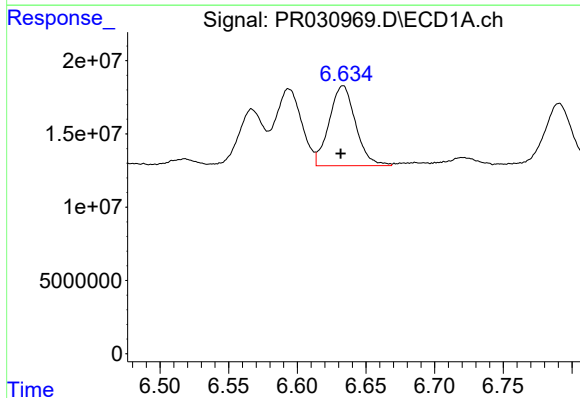
R.T.: 6.594 min
Delta R.T.: 0.001 min
Response: 69114823
Conc: 71.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



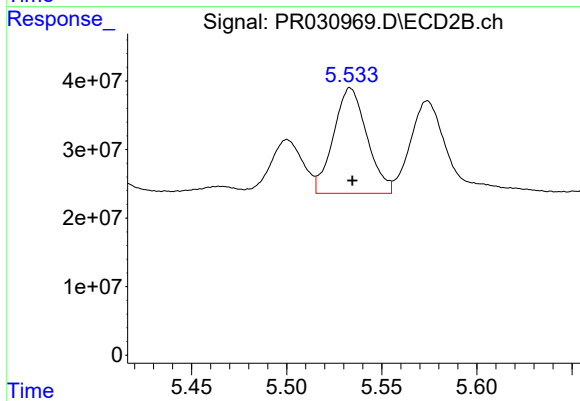
#23 AR-1248-3

R.T.: 5.190 min
Delta R.T.: -0.001 min
Response: 148217193
Conc: 82.31 ng/ml



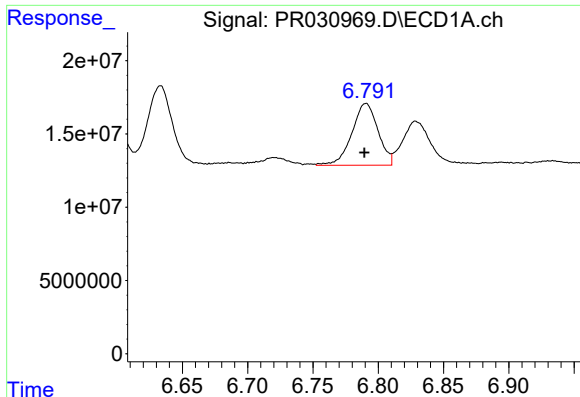
#24 AR-1248-4

R.T.: 6.633 min
Delta R.T.: 0.002 min
Response: 72963087
Conc: 79.81 ng/ml



#24 AR-1248-4

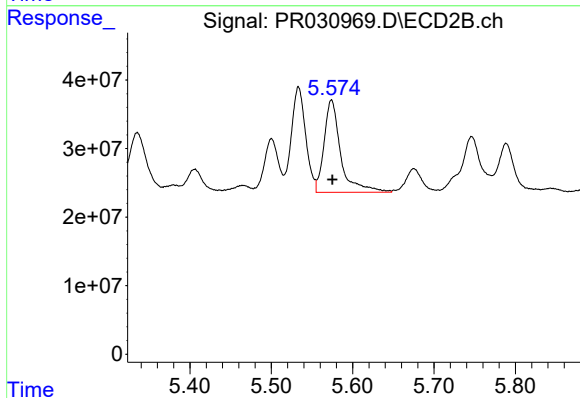
R.T.: 5.533 min
Delta R.T.: -0.001 min
Response: 188891158
Conc: 66.75 ng/ml



#25 AR-1248-5

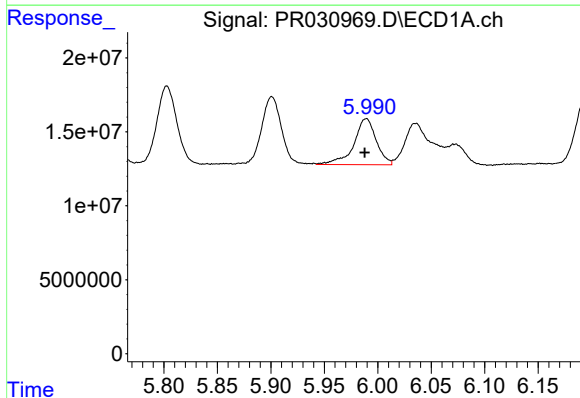
R.T.: 6.791 min
Delta R.T.: 0.001 min
Response: 58987382
Conc: 61.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



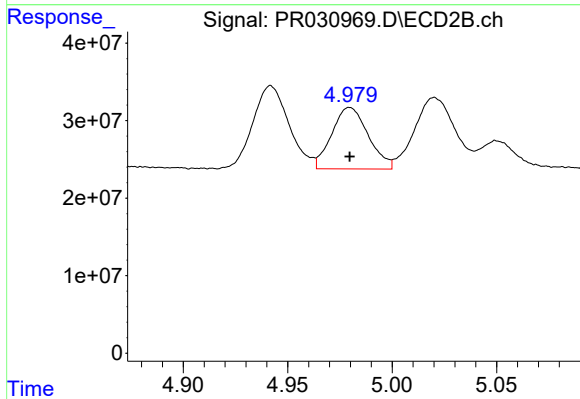
#25 AR-1248-5

R.T.: 5.574 min
Delta R.T.: -0.001 min
Response: 192345191
Conc: 94.95 ng/ml



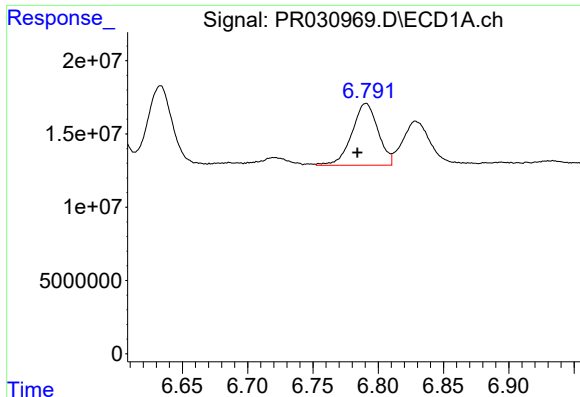
#26 AR-1254-1

R.T.: 5.989 min
Delta R.T.: 0.001 min
Response: 45703374
Conc: 79.75 ng/ml



#26 AR-1254-1

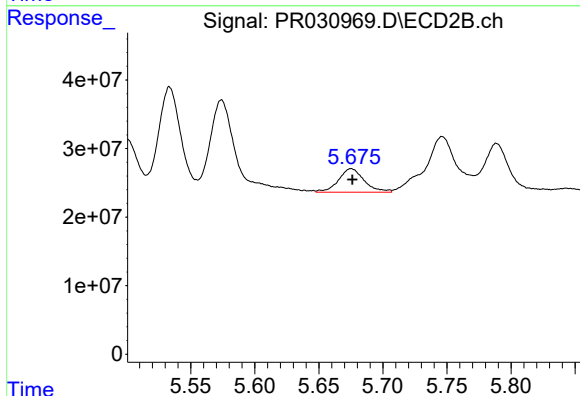
R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 96557167
Conc: 74.39 ng/ml



#27 AR-1254-2

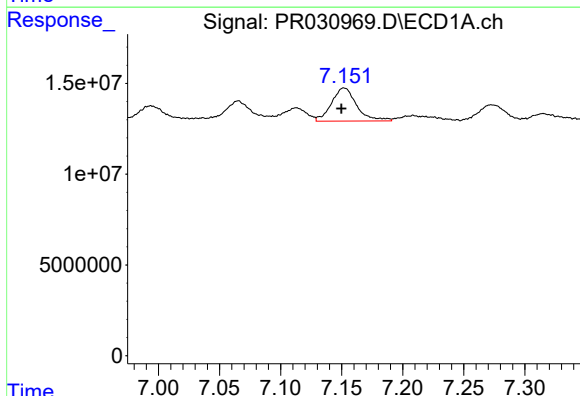
R.T.: 6.791 min
Delta R.T.: 0.006 min
Response: 58987382
Conc: 30.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



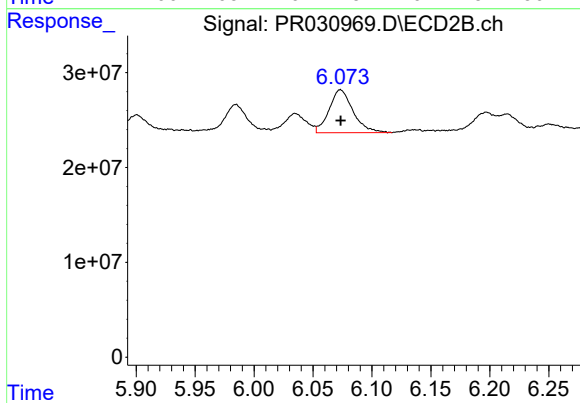
#27 AR-1254-2

R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 48078000
Conc: 13.85 ng/ml



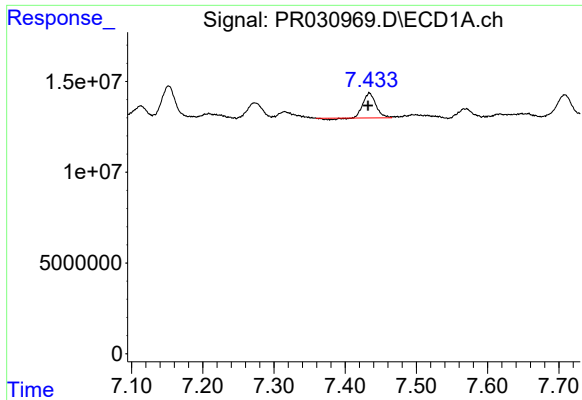
#28 AR-1254-3

R.T.: 7.152 min
Delta R.T.: 0.002 min
Response: 26242892
Conc: 12.36 ng/ml



#28 AR-1254-3

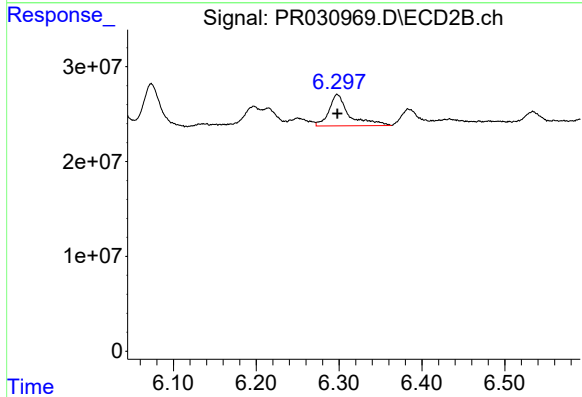
R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 64039188
Conc: 11.32 ng/ml



#29 AR-1254-4

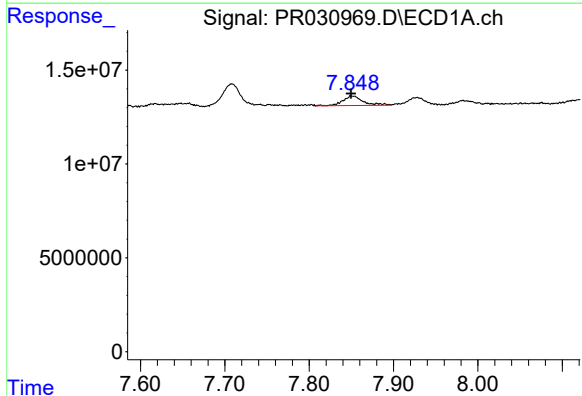
R.T.: 7.434 min
Delta R.T.: 0.002 min
Response: 16408408
Conc: 8.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



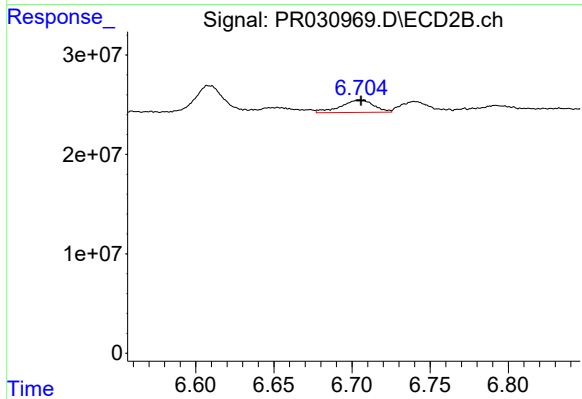
#29 AR-1254-4

R.T.: 6.298 min
Delta R.T.: 0.000 min
Response: 56013488
Conc: 12.72 ng/ml



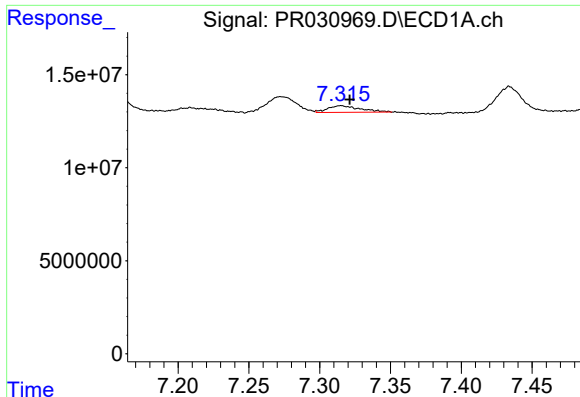
#30 AR-1254-5

R.T.: 7.851 min
Delta R.T.: 0.000 min
Response: 8668071
Conc: 4.33 ng/ml



#30 AR-1254-5

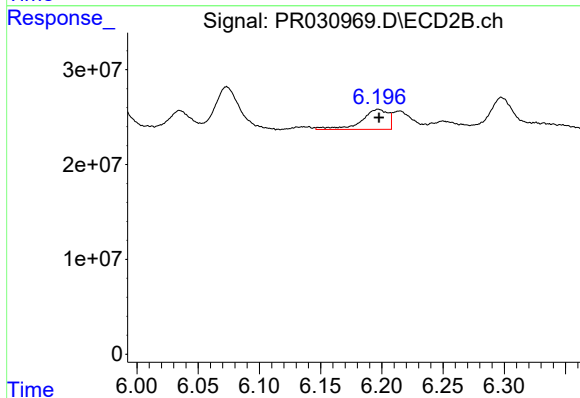
R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 18591993
Conc: 4.38 ng/ml



#31 AR-1260-1

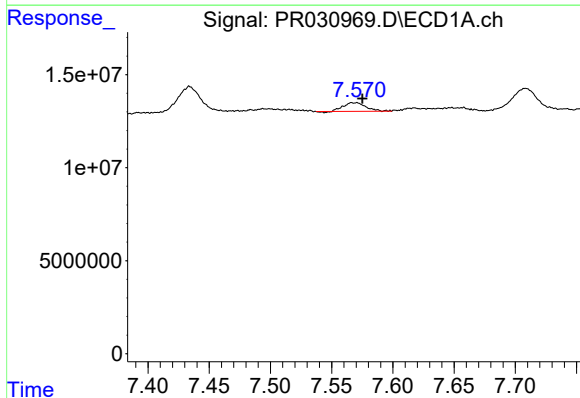
R.T.: 7.315 min
Delta R.T.: -0.006 min
Response: 5750720
Conc: 4.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



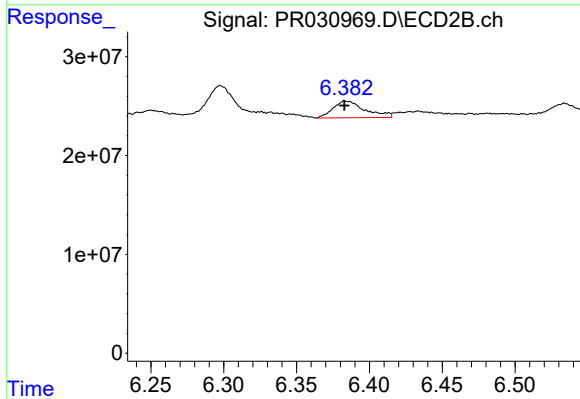
#31 AR-1260-1

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 32024216
Conc: 10.07 ng/ml



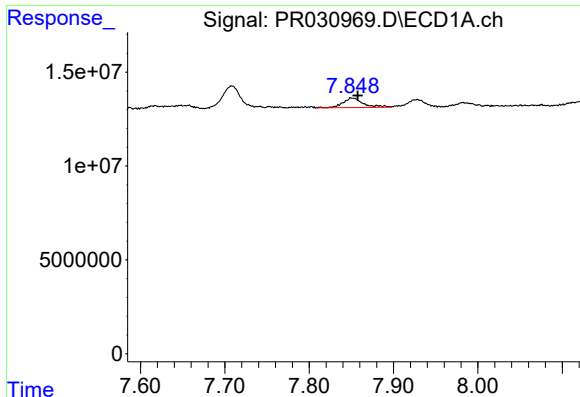
#32 AR-1260-2

R.T.: 7.570 min
Delta R.T.: -0.005 min
Response: 5836987
Conc: 3.05 ng/ml



#32 AR-1260-2

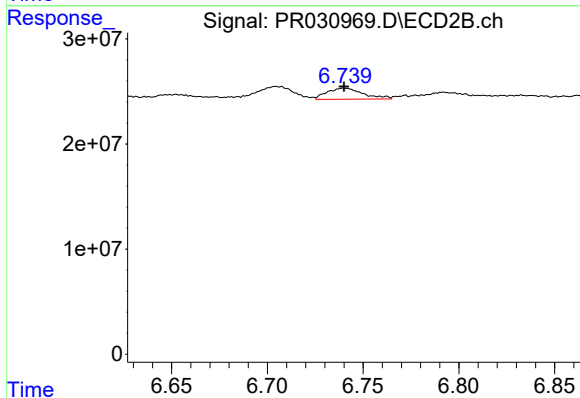
R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 25795520
Conc: 6.52 ng/ml



#33 AR-1260-3

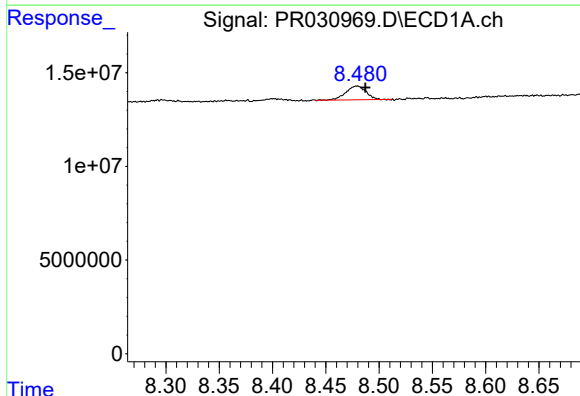
R.T.: 7.851 min
Delta R.T.: -0.007 min
Response: 8668071
Conc: 3.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



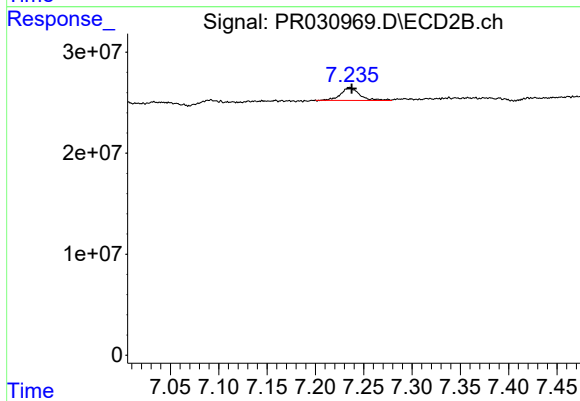
#33 AR-1260-3

R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 13804566
Conc: 4.87 ng/ml



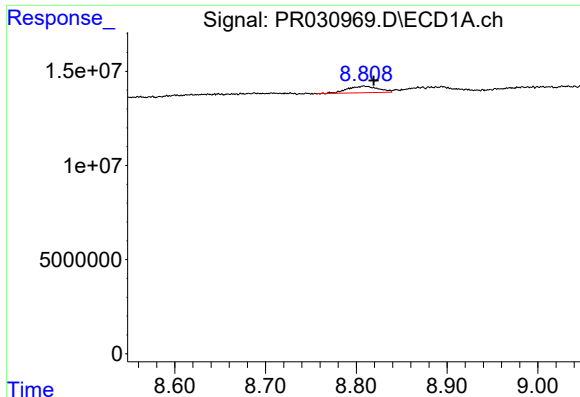
#34 AR-1260-4

R.T.: 8.479 min
Delta R.T.: -0.008 min
Response: 9866215
Conc: 2.64 ng/ml



#34 AR-1260-4

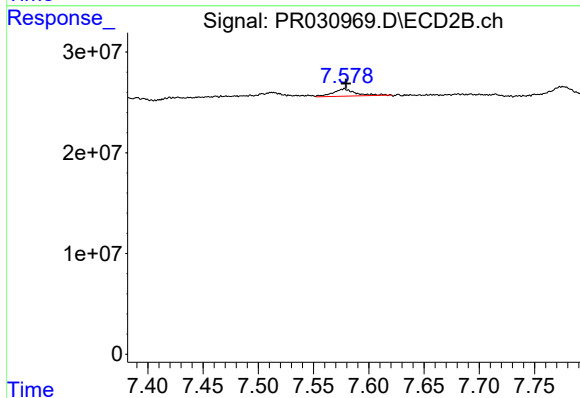
R.T.: 7.235 min
Delta R.T.: -0.002 min
Response: 17382958
Conc: 4.74 ng/ml



#35 AR-1260-5

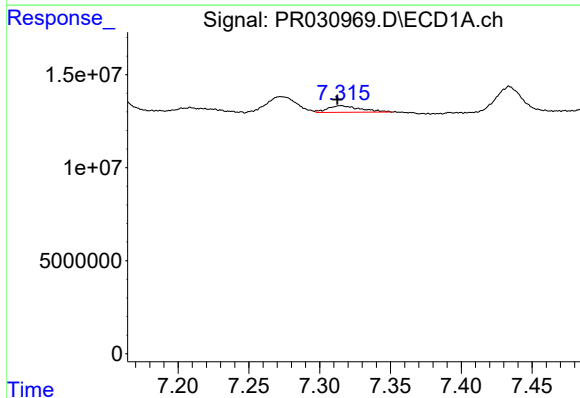
R.T.: 8.808 min
Delta R.T.: -0.011 min
Response: 8162765
Conc: 3.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



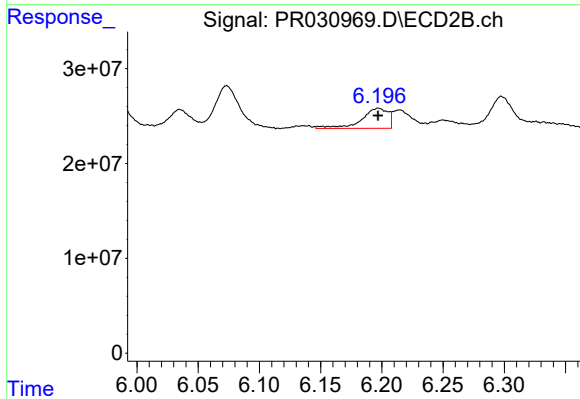
#35 AR-1260-5

R.T.: 7.578 min
Delta R.T.: -0.002 min
Response: 10561566
Conc: 4.98 ng/ml



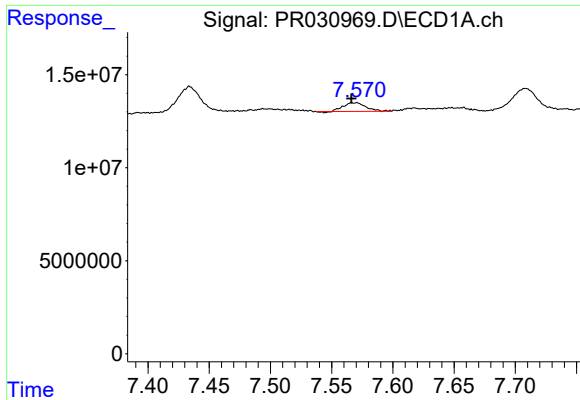
#36 AR-1262-1

R.T.: 7.315 min
Delta R.T.: 0.002 min
Response: 5750720
Conc: 4.66 ng/ml



#36 AR-1262-1

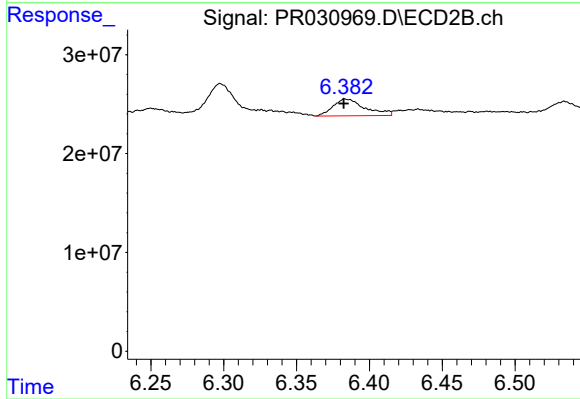
R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 32024216
Conc: 11.22 ng/ml



#37 AR-1262-2

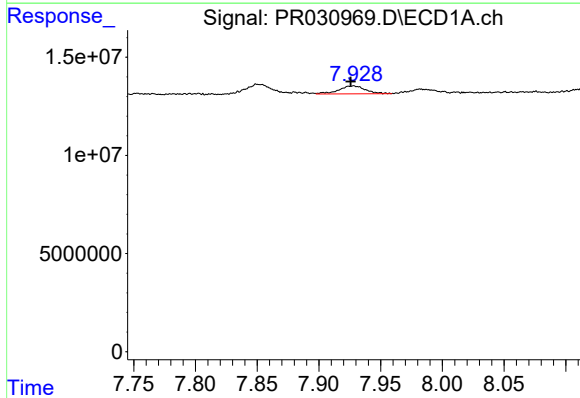
R.T.: 7.570 min
Delta R.T.: 0.004 min
Response: 5836987
Conc: 3.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



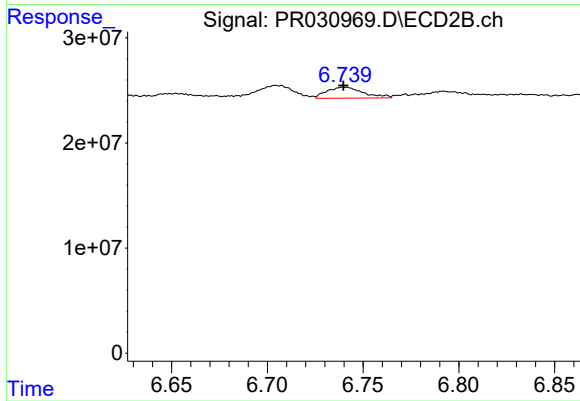
#37 AR-1262-2

R.T.: 6.384 min
Delta R.T.: 0.001 min
Response: 25795520
Conc: 7.45 ng/ml



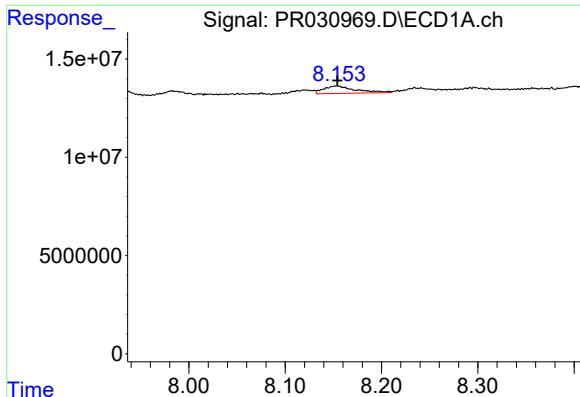
#38 AR-1262-3

R.T.: 7.928 min
Delta R.T.: 0.002 min
Response: 6024714
Conc: 2.29 ng/ml



#38 AR-1262-3

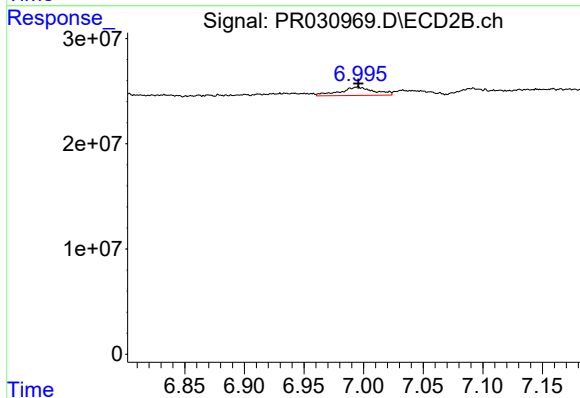
R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 13804566
Conc: 3.29 ng/ml



#39 AR-1262-4

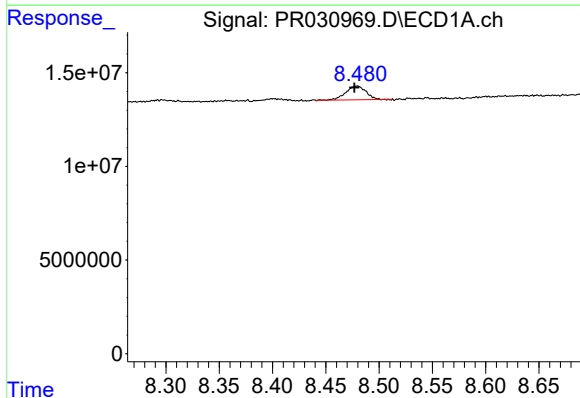
R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 8588506
Conc: 4.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



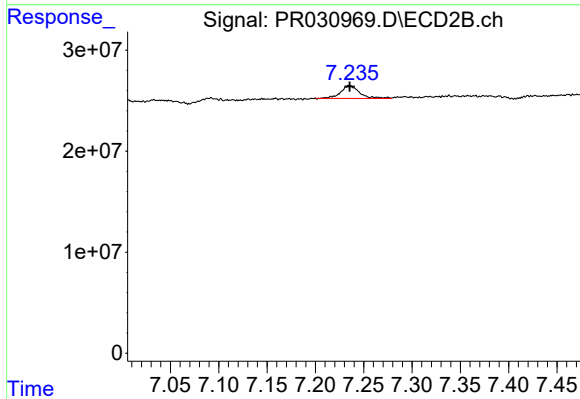
#39 AR-1262-4

R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 16130190
Conc: 5.92 ng/ml



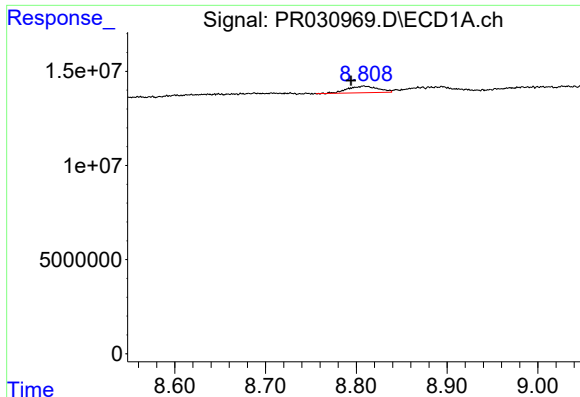
#40 AR-1262-5

R.T.: 8.479 min
Delta R.T.: 0.002 min
Response: 9866215
Conc: 2.02 ng/ml



#40 AR-1262-5

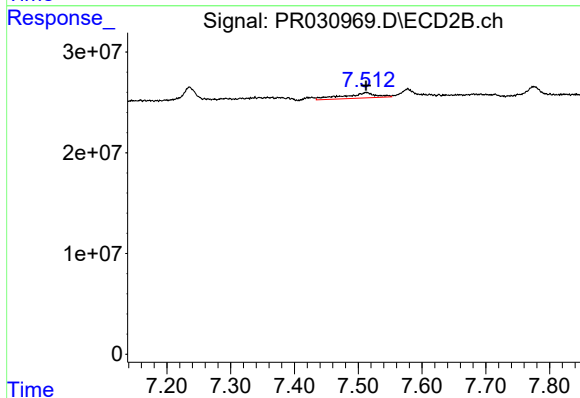
R.T.: 7.235 min
Delta R.T.: 0.000 min
Response: 17382958
Conc: 3.80 ng/ml



#41 AR-1268-1

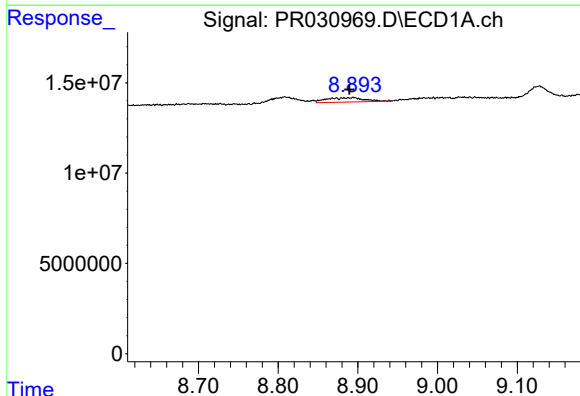
R.T.: 8.808 min
Delta R.T.: 0.014 min
Response: 8162765
Conc: 1.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



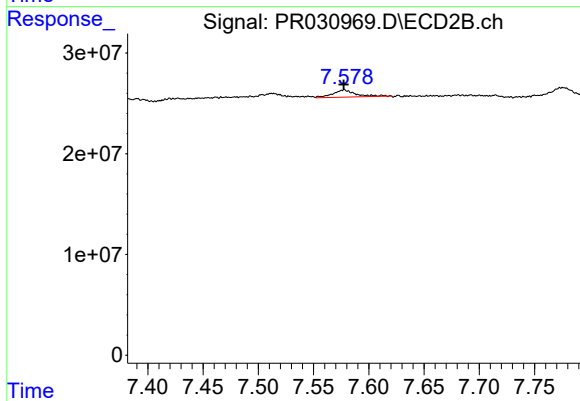
#41 AR-1268-1

R.T.: 7.513 min
Delta R.T.: 0.000 min
Response: 18584357
Conc: 4.73 ng/ml



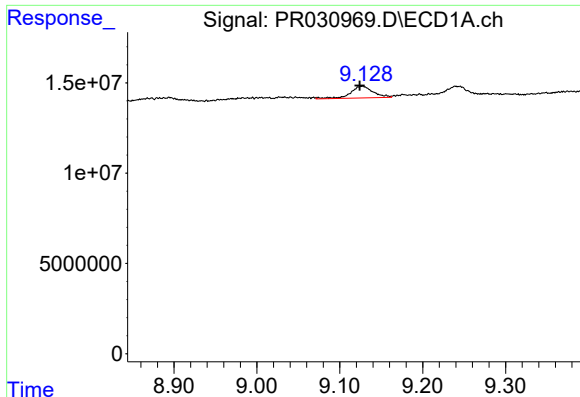
#42 AR-1268-2

R.T.: 8.895 min
Delta R.T.: 0.005 min
Response: 7820700
Conc: 1.63 ng/ml



#42 AR-1268-2

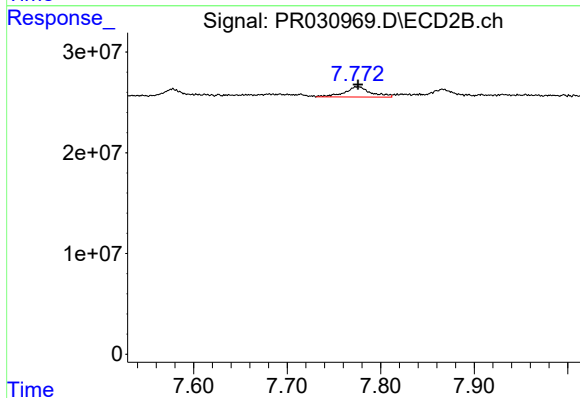
R.T.: 7.578 min
Delta R.T.: 0.000 min
Response: 10561566
Conc: 3.17 ng/ml



#43 AR-1268-3

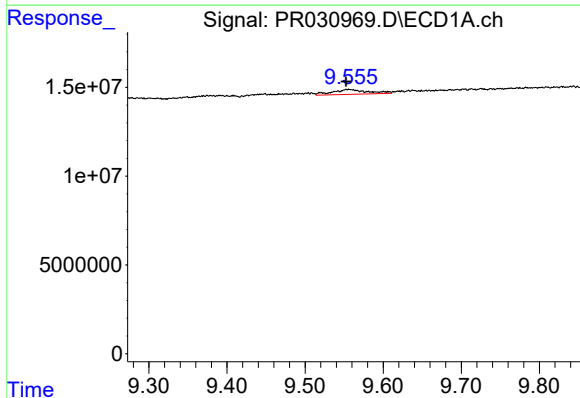
R.T.: 9.127 min
Delta R.T.: 0.003 min
Response: 12384359
Conc: 2.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



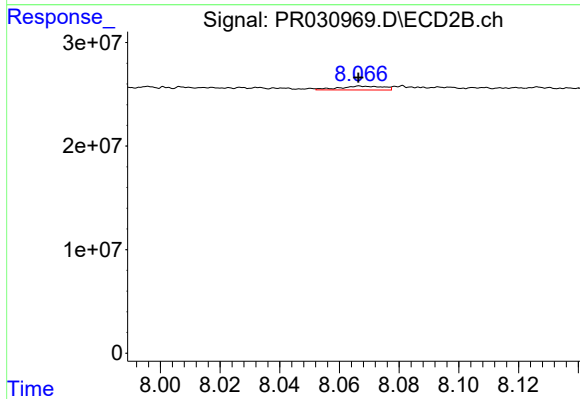
#43 AR-1268-3

R.T.: 7.776 min
Delta R.T.: 0.000 min
Response: 20021141
Conc: 7.46 ng/ml



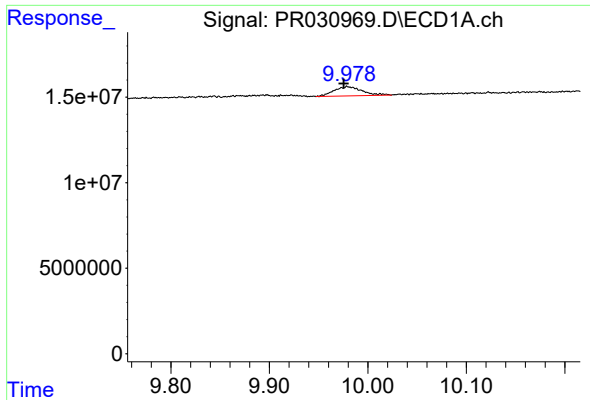
#44 AR-1268-4

R.T.: 9.556 min
Delta R.T.: 0.004 min
Response: 8452776
Conc: 4.38 ng/ml



#44 AR-1268-4

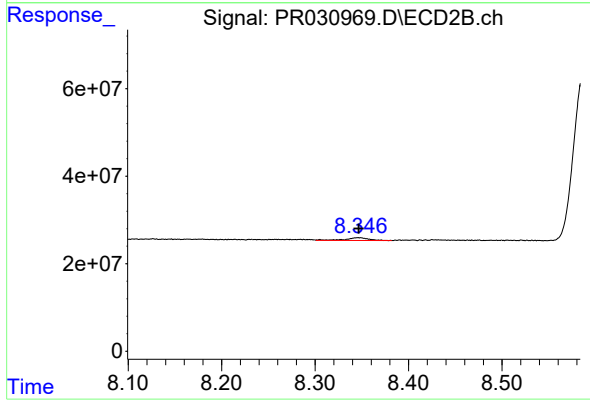
R.T.: 8.068 min
Delta R.T.: 0.001 min
Response: 3831054
Conc: 3.31 ng/ml



#45 AR-1268-5

R.T.: 9.980 min
Delta R.T.: 0.004 min
Response: 10721061
Conc: 0.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.347 min
Delta R.T.: 0.000 min
Response: 11030086
Conc: 1.58 ng/ml