

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102818\
 Data File : PR033340.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Oct 2018 13:13
 Operator : SM\SJ
 Sample : PB114212BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 02:21:05 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR102818.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Oct 29 02:03:30 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...	4.759	3.739	307.7E6	1085.0E6	17.742	16.596
2)	SA Decachlor...	10.752	8.734	304.4E6	741.9E6	19.058	19.503
Target Compounds							
3)	L1 AR-1016-1	5.943	4.824	31390858	98199008	47.552	43.219
4)	L1 AR-1016-2	5.966	4.842	45730510	144.7E6	47.389	41.473
5)	L1 AR-1016-3	6.029	5.019	28496128	73863844	48.736	42.826
6)	L1 AR-1016-4	6.130	5.058	22110028	68730962	46.327	49.840
7)	L1 AR-1016-5	6.425	5.271	22475343	81409486	47.605	45.229
8)	L2 AR-1221-1	0.000	3.956	0	13800278	N.D.	18.426 #
9)	L2 AR-1221-2	0.000	4.038	0	45386932	N.D.	78.713 #
10)	L2 AR-1221-3	5.136	4.115	16888886	54474192	34.211	30.497
11)	L3 AR-1232-1	5.136	4.115	16888886	54474192	50.763	47.562
12)	L3 AR-1232-2	5.673	4.842	22042072	144.7E6	125.890	118.014
13)	L3 AR-1232-3	5.966	5.019	45730510	73863844	133.563	122.807
14)	L3 AR-1232-4	6.130	5.099	22110028	74696249	130.879	140.927
15)	L3 AR-1232-5	6.217	5.271	21914762	81409486	166.184	138.395
16)	L4 AR-1242-1	5.943	4.824	31390858	98199008	59.902	53.215
17)	L4 AR-1242-2	5.966	4.842	45730510	144.7E6	60.347	53.024
18)	L4 AR-1242-3	6.029	5.019	28496128	73863844	61.732	53.500
19)	L4 AR-1242-4	6.130	5.099	22110028	74696249	57.094	57.069
20)	L4 AR-1242-5	6.805	5.621	20706780	71548141	50.755	43.211
21)	L5 AR-1248-1	5.943	4.824	31390858	98199008	84.695	75.107
22)	L5 AR-1248-2	6.217	5.058	21914762	68730962	42.793	41.108
23)	L5 AR-1248-3	6.425	5.099	22475343	74696249	40.258	43.963
24)	L5 AR-1248-4	6.805	5.271	20706780	81409486	32.616	39.046
25)	L5 AR-1248-5	6.805	5.660	20706780	28041915	34.592	13.667 #
26)	L6 AR-1254-1	6.805	5.621	20706780	71548141	25.247	18.582 #
27)	L6 AR-1254-2	7.022	5.765	18819395	66342845	15.360	20.346 #
28)	L6 AR-1254-3	7.396	6.181	10394251	144.2E6	8.093	27.906 #
29)	L6 AR-1254-4	7.682	6.393	6051967	13684687	6.537	4.394 #
30)	L6 AR-1254-5	8.104	6.808	69483993	201.1E6	59.144	52.348
31)	L7 AR-1260-1	7.559	6.296	44869345	149.8E6	46.853	49.239
32)	L7 AR-1260-2	7.815	6.481	52603285	167.9E6	46.747	46.843
33)	L7 AR-1260-3	8.180	6.636	34337854	158.3E6	40.450	47.093
34)	L7 AR-1260-4	8.422	7.105	41700919	118.7E6	42.562	45.687
35)	L7 AR-1260-5	8.767	7.343	77692111	287.3E6	39.537	43.888
36)	L8 AR-1262-1	8.180	6.845	34337854	128.2E6	33.020	36.586
37)	L8 AR-1262-2	8.767	7.343	77692111	287.3E6	41.413	44.973
38)	L8 AR-1262-3	9.126	7.626	52960124	79447229	42.342	31.564 #
39)	L8 AR-1262-4	9.183	7.690	27895424	203.6E6	29.779	45.435 #
40)	L8 AR-1262-5	9.923	8.185	20056184	55673605	30.003	30.482
41)	L9 AR-1268-1	9.126	7.626	52960124	79447229	22.911	10.059 #

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 Operator : SM\SJ
 Sample : PB114212BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

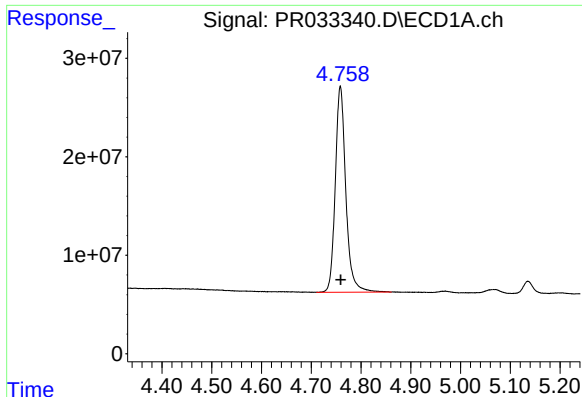
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 02:21:05 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR102818.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	9.183	7.690	27895424	203.6E6	13.261	28.486 #
43) L9	AR-1268-3	0.000	7.898	0	20759848	N.D.	3.412 #
44) L9	AR-1268-4	9.923	8.185	20056184	55673605	25.595	25.749
45) L9	AR-1268-5	10.378	8.477	9413442	21923836	1.610	1.271

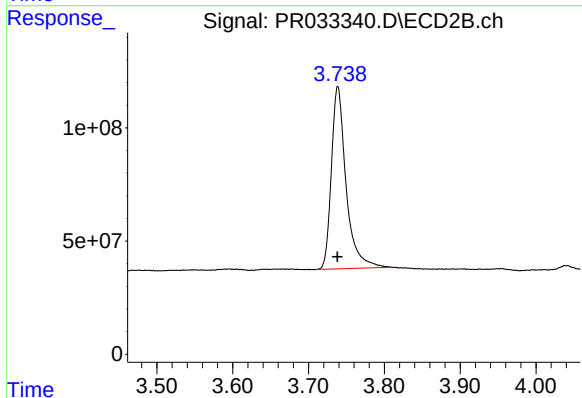
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

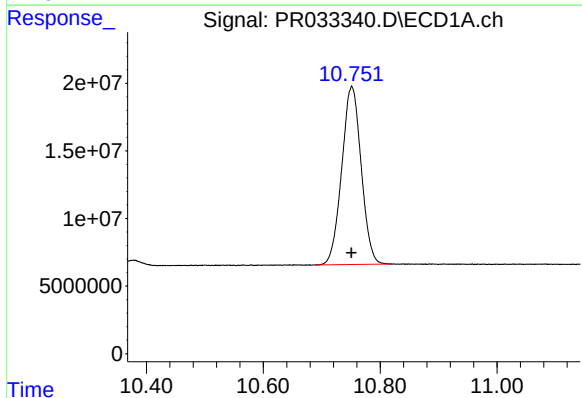
R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 307660791
Conc: 17.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



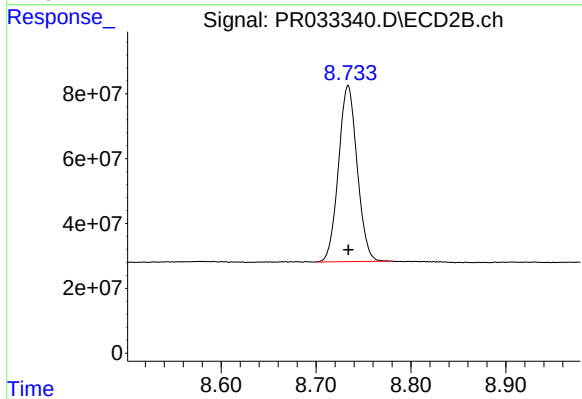
#1 Tetrachloro-m-xylene

R.T.: 3.739 min
Delta R.T.: 0.000 min
Response: 1084957801
Conc: 16.60 ng/ml



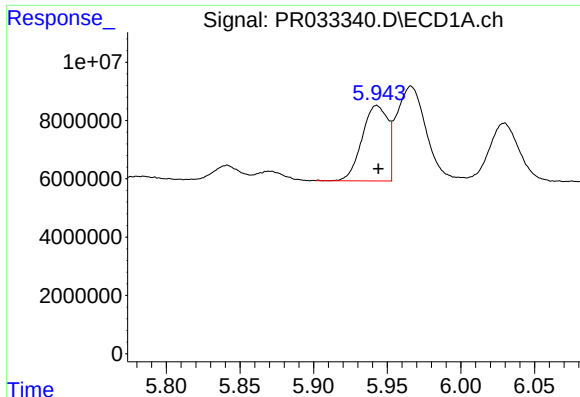
#2 Decachlorobiphenyl

R.T.: 10.752 min
Delta R.T.: 0.000 min
Response: 304360596
Conc: 19.06 ng/ml



#2 Decachlorobiphenyl

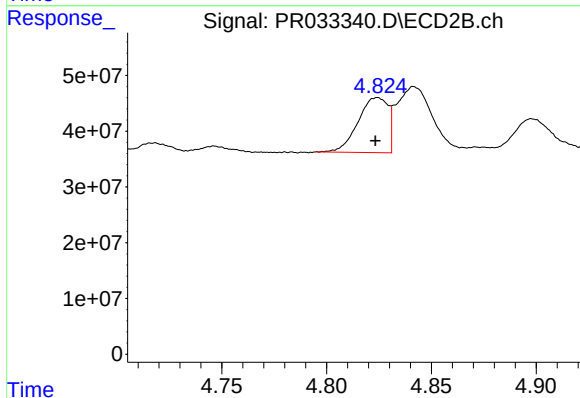
R.T.: 8.734 min
Delta R.T.: 0.000 min
Response: 741861314
Conc: 19.50 ng/ml



#3 AR-1016-1

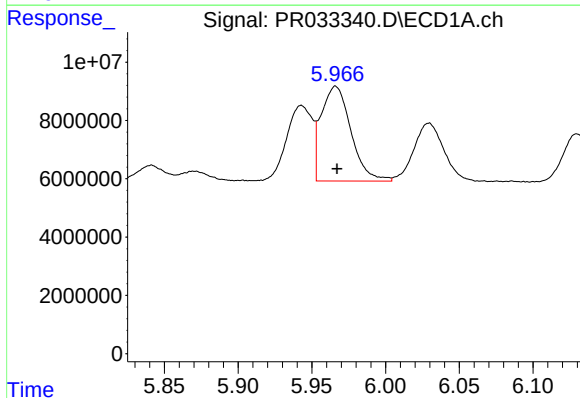
R.T.: 5.943 min
Delta R.T.: -0.001 min
Response: 31390858
Conc: 47.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



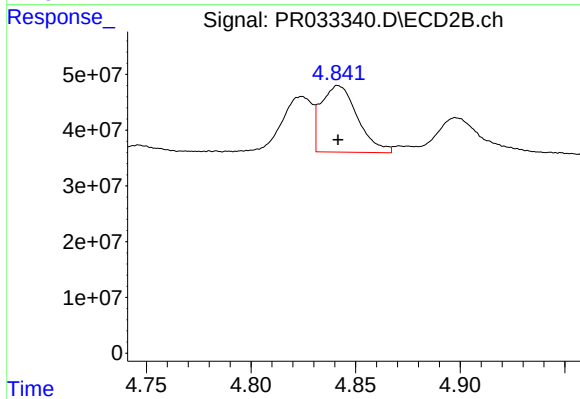
#3 AR-1016-1

R.T.: 4.824 min
Delta R.T.: 0.001 min
Response: 98199008
Conc: 43.22 ng/ml



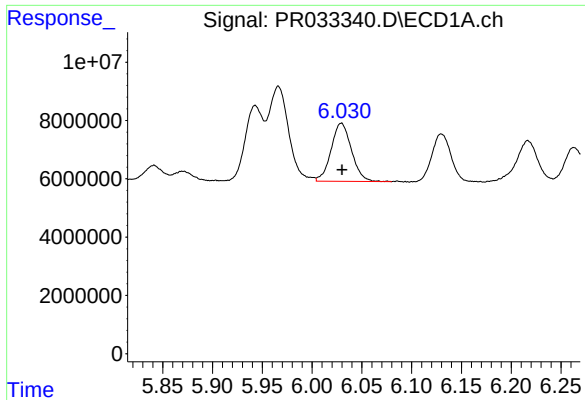
#4 AR-1016-2

R.T.: 5.966 min
Delta R.T.: -0.001 min
Response: 45730510
Conc: 47.39 ng/ml



#4 AR-1016-2

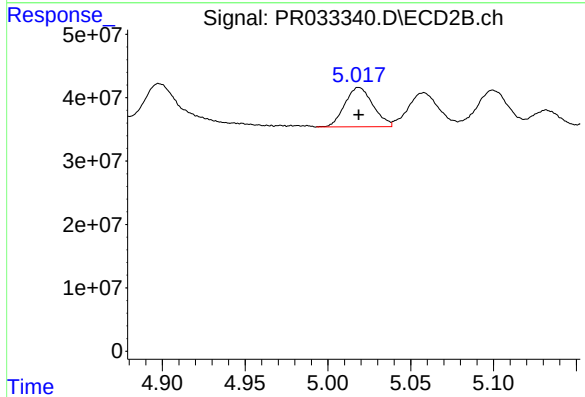
R.T.: 4.842 min
Delta R.T.: 0.000 min
Response: 144725914
Conc: 41.47 ng/ml



#5 AR-1016-3

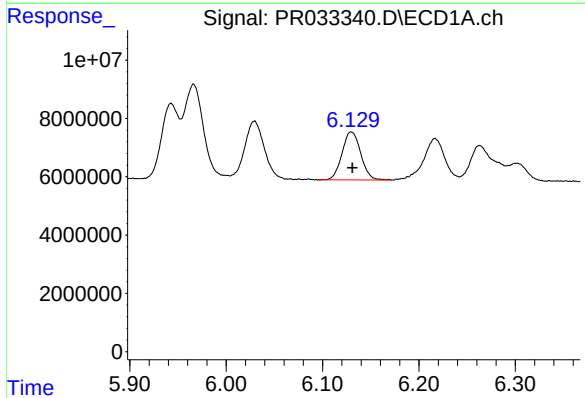
R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 28496128
Conc: 48.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



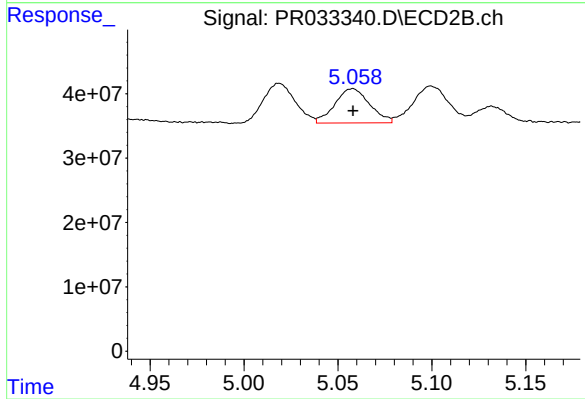
#5 AR-1016-3

R.T.: 5.019 min
Delta R.T.: 0.000 min
Response: 73863844
Conc: 42.83 ng/ml



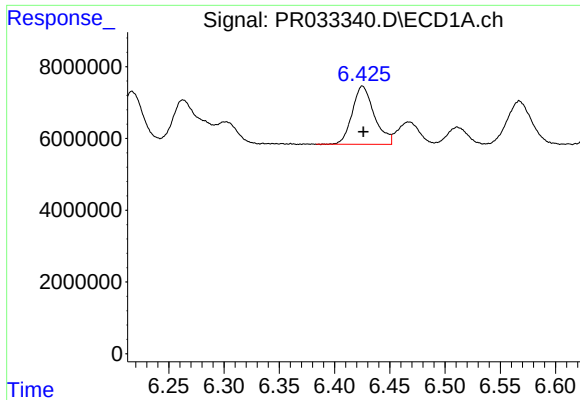
#6 AR-1016-4

R.T.: 6.130 min
Delta R.T.: -0.001 min
Response: 22110028
Conc: 46.33 ng/ml



#6 AR-1016-4

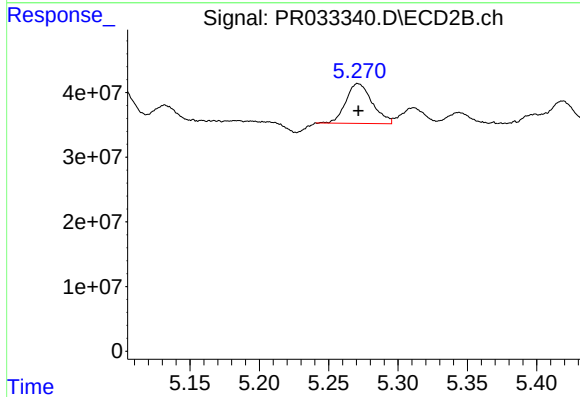
R.T.: 5.058 min
Delta R.T.: 0.000 min
Response: 68730962
Conc: 49.84 ng/ml



#7 AR-1016-5

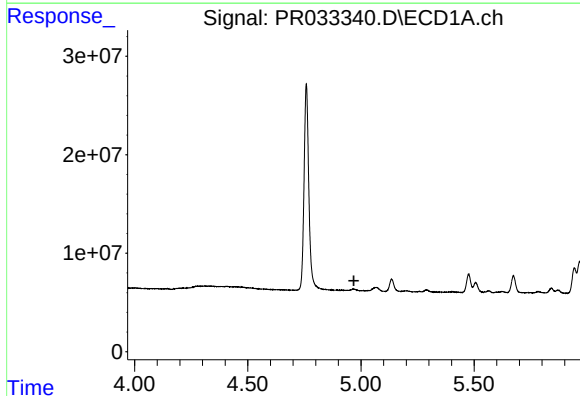
R.T.: 6.425 min
Delta R.T.: 0.000 min
Response: 22475343
Conc: 47.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



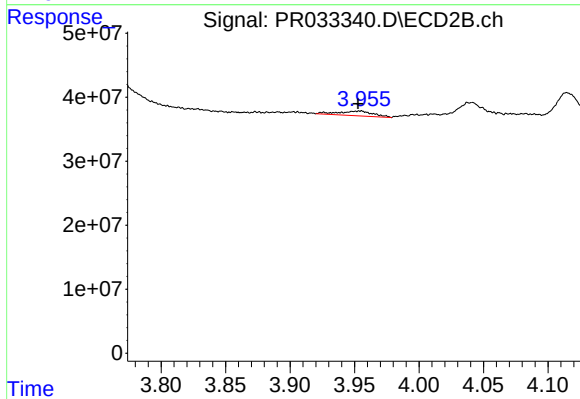
#7 AR-1016-5

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 81409486
Conc: 45.23 ng/ml



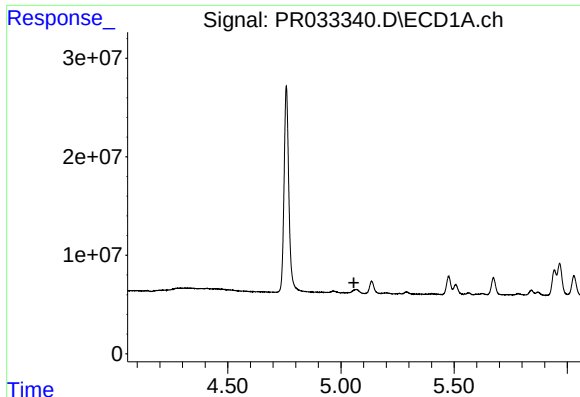
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.969 min
Response: 0
Conc: N.D.



#8 AR-1221-1

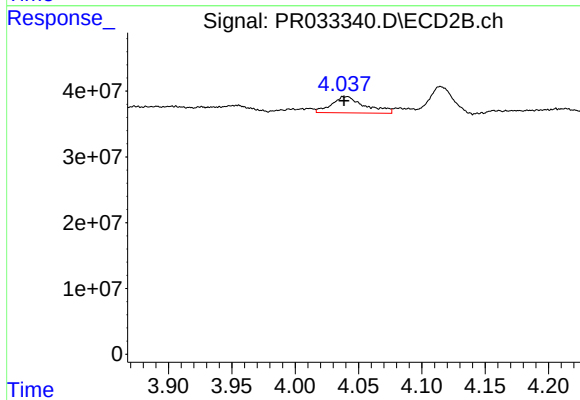
R.T.: 3.956 min
Delta R.T.: 0.003 min
Response: 13800278
Conc: 18.43 ng/ml



#9 AR-1221-2

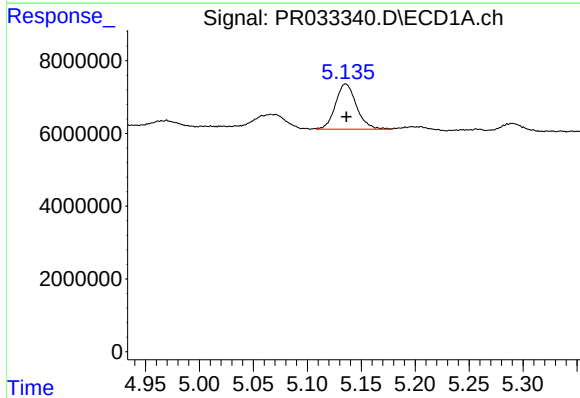
R.T.: 0.000 min
Exp R.T.: 5.057 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



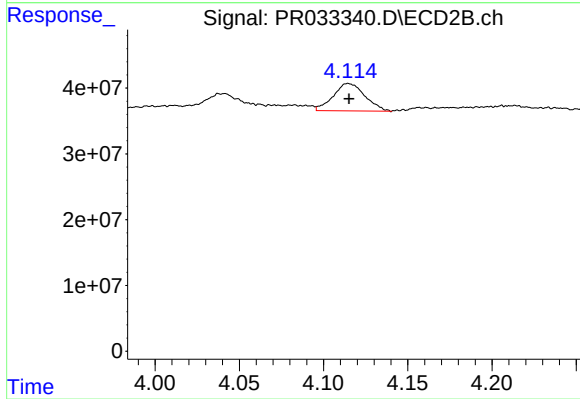
#9 AR-1221-2

R.T.: 4.038 min
Delta R.T.: 0.000 min
Response: 45386932
Conc: 78.71 ng/ml



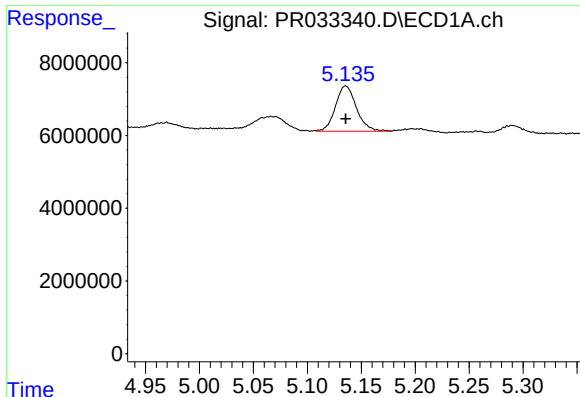
#10 AR-1221-3

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 16888886
Conc: 34.21 ng/ml



#10 AR-1221-3

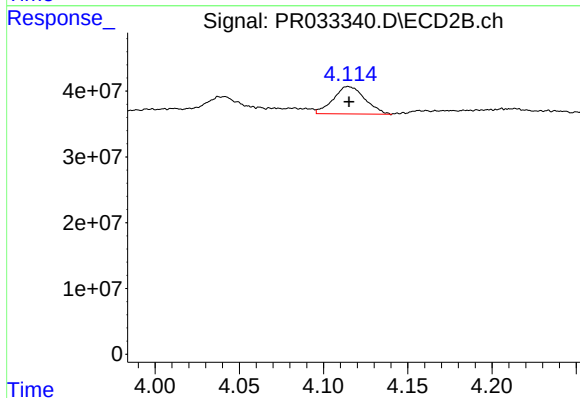
R.T.: 4.115 min
Delta R.T.: 0.000 min
Response: 54474192
Conc: 30.50 ng/ml



#11 AR-1232-1

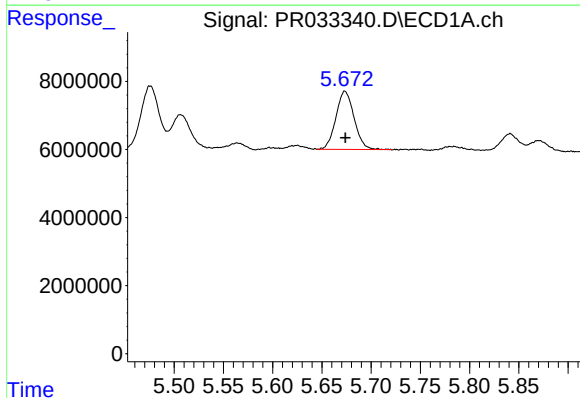
R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 16888886
Conc: 50.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



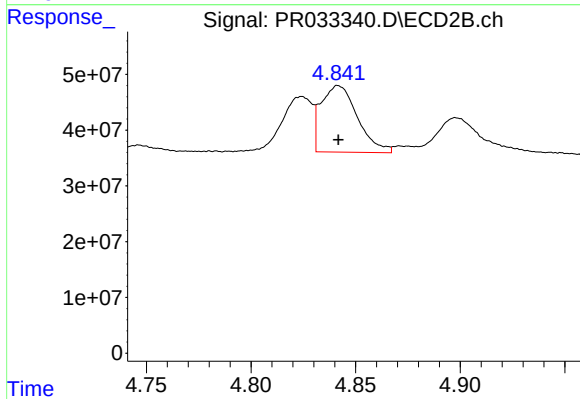
#11 AR-1232-1

R.T.: 4.115 min
Delta R.T.: 0.000 min
Response: 54474192
Conc: 47.56 ng/ml



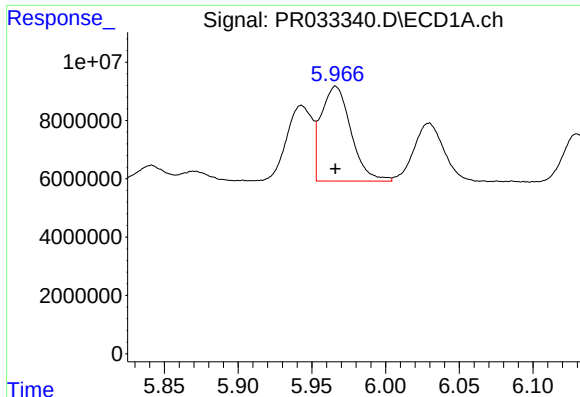
#12 AR-1232-2

R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 22042072
Conc: 125.89 ng/ml



#12 AR-1232-2

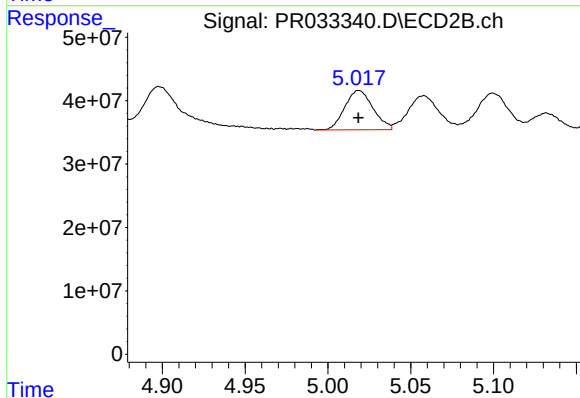
R.T.: 4.842 min
Delta R.T.: 0.000 min
Response: 144725914
Conc: 118.01 ng/ml



#13 AR-1232-3

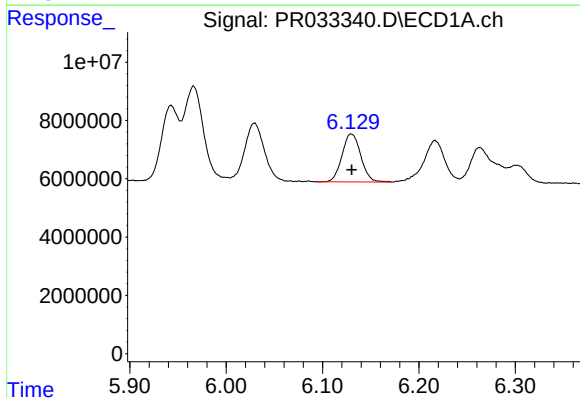
R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 45730510
Conc: 133.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



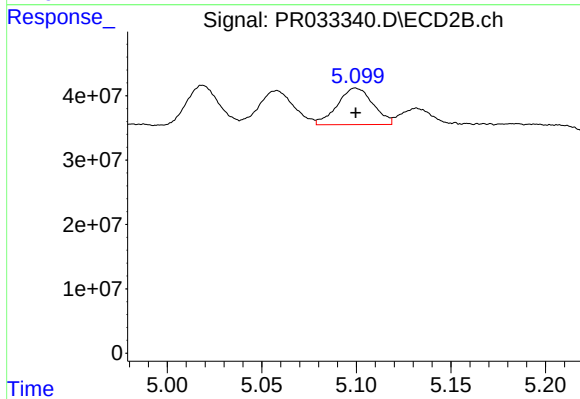
#13 AR-1232-3

R.T.: 5.019 min
Delta R.T.: 0.000 min
Response: 73863844
Conc: 122.81 ng/ml



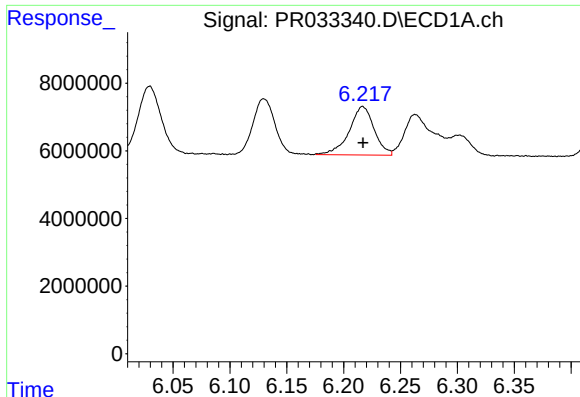
#14 AR-1232-4

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 22110028
Conc: 130.88 ng/ml



#14 AR-1232-4

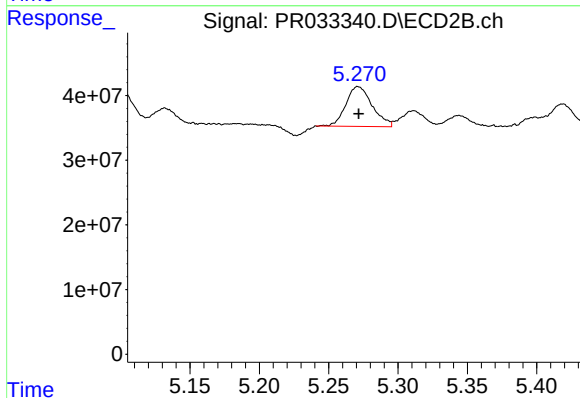
R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 74696249
Conc: 140.93 ng/ml



#15 AR-1232-5

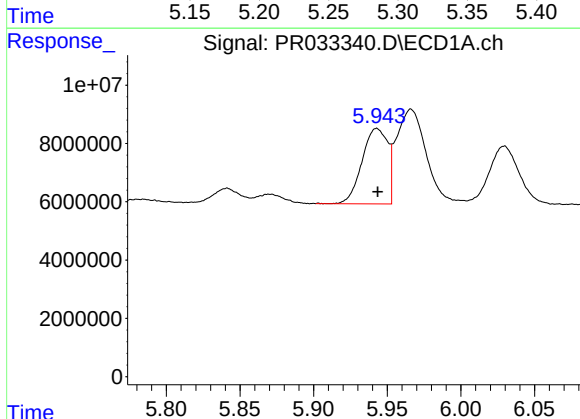
R.T.: 6.217 min
Delta R.T.: 0.000 min
Response: 21914762
Conc: 166.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



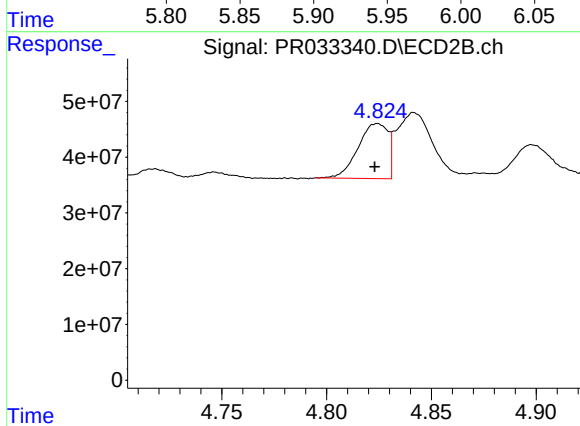
#15 AR-1232-5

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 81409486
Conc: 138.39 ng/ml



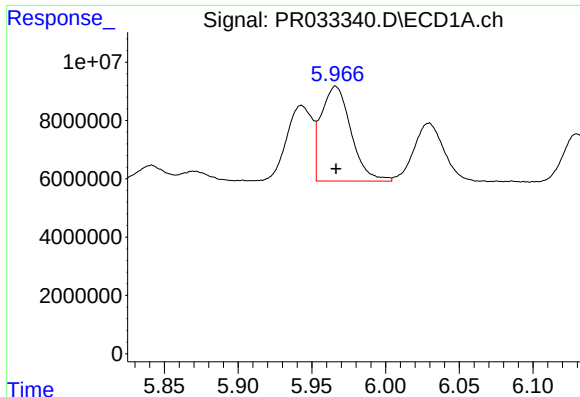
#16 AR-1242-1

R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 31390858
Conc: 59.90 ng/ml



#16 AR-1242-1

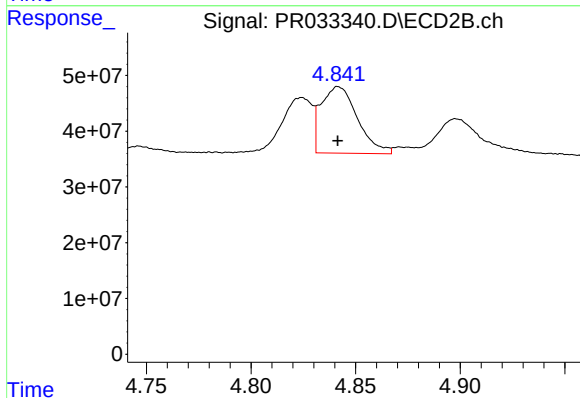
R.T.: 4.824 min
Delta R.T.: 0.001 min
Response: 98199008
Conc: 53.22 ng/ml



#17 AR-1242-2

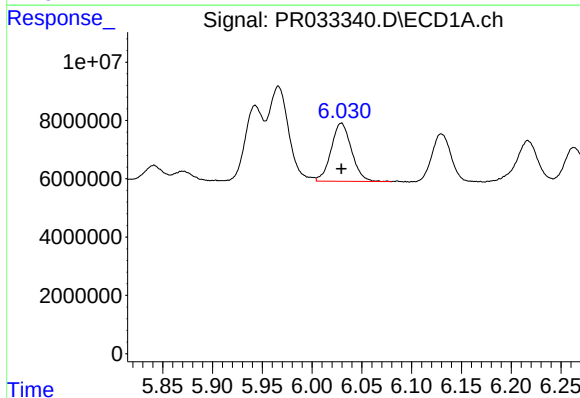
R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 45730510
Conc: 60.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



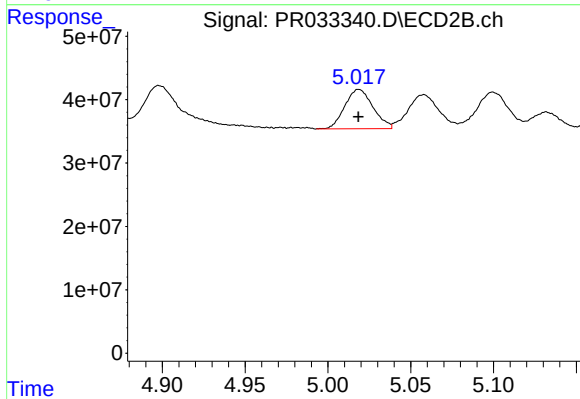
#17 AR-1242-2

R.T.: 4.842 min
Delta R.T.: 0.000 min
Response: 144725914
Conc: 53.02 ng/ml



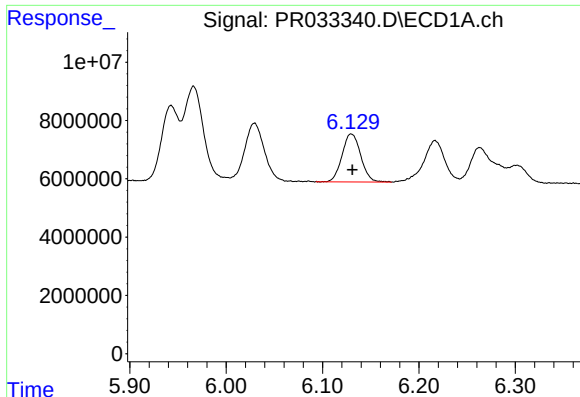
#18 AR-1242-3

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 28496128
Conc: 61.73 ng/ml



#18 AR-1242-3

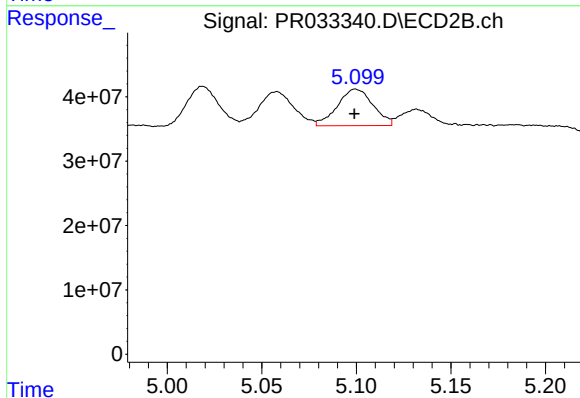
R.T.: 5.019 min
Delta R.T.: 0.000 min
Response: 73863844
Conc: 53.50 ng/ml



#19 AR-1242-4

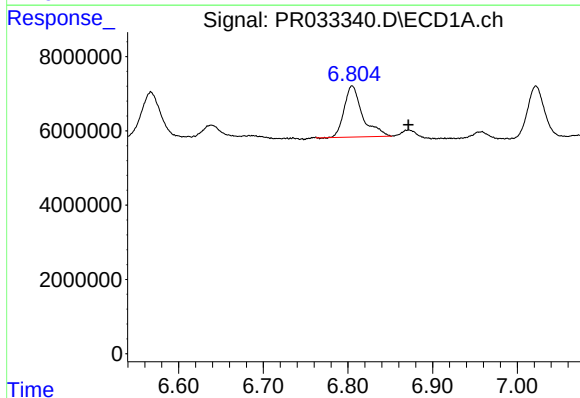
R.T.: 6.130 min
Delta R.T.: -0.001 min
Response: 22110028
Conc: 57.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



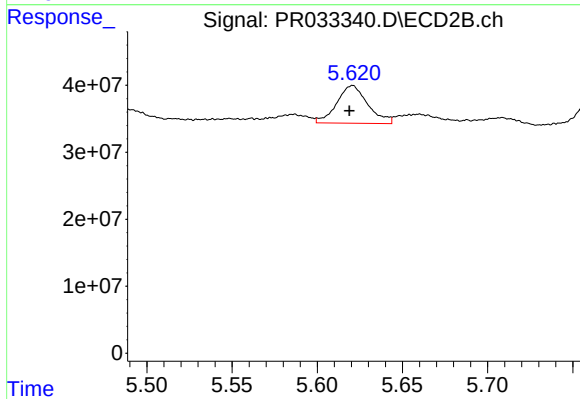
#19 AR-1242-4

R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 74696249
Conc: 57.07 ng/ml



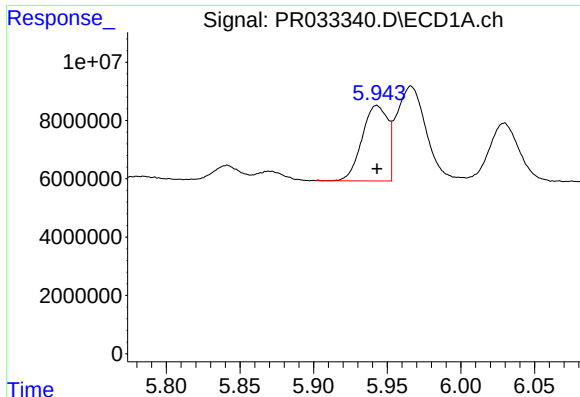
#20 AR-1242-5

R.T.: 6.805 min
Delta R.T.: -0.066 min
Response: 20706780
Conc: 50.75 ng/ml



#20 AR-1242-5

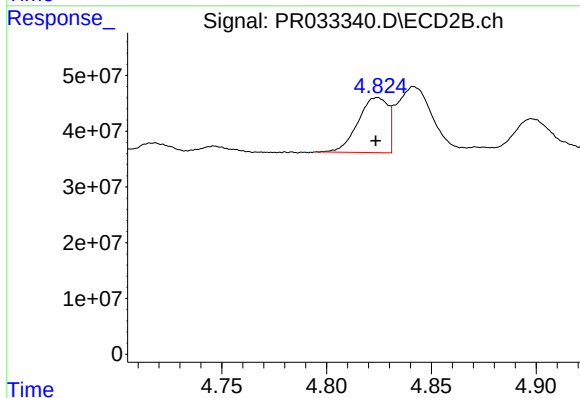
R.T.: 5.621 min
Delta R.T.: 0.002 min
Response: 71548141
Conc: 43.21 ng/ml



#21 AR-1248-1

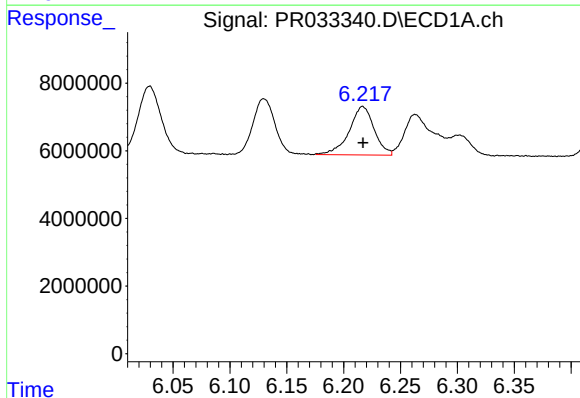
R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 31390858
Conc: 84.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



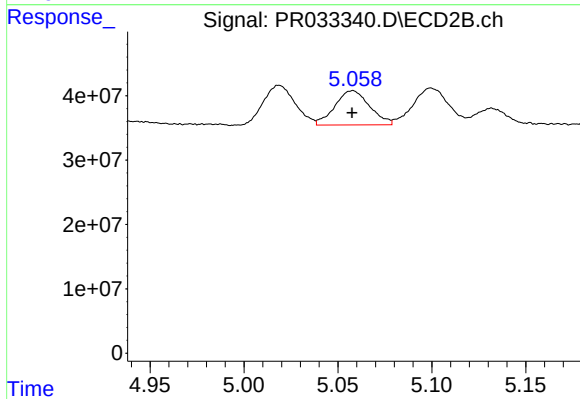
#21 AR-1248-1

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 98199008
Conc: 75.11 ng/ml



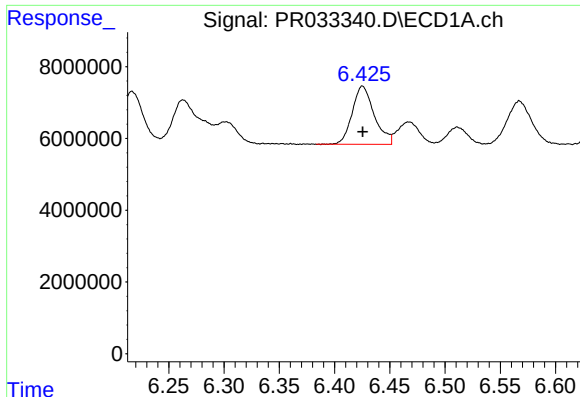
#22 AR-1248-2

R.T.: 6.217 min
Delta R.T.: 0.000 min
Response: 21914762
Conc: 42.79 ng/ml



#22 AR-1248-2

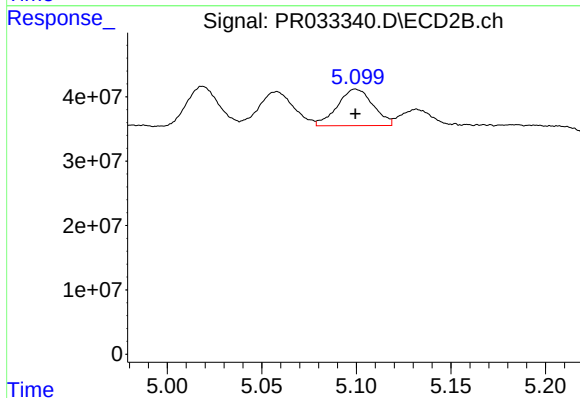
R.T.: 5.058 min
Delta R.T.: 0.000 min
Response: 68730962
Conc: 41.11 ng/ml



#23 AR-1248-3

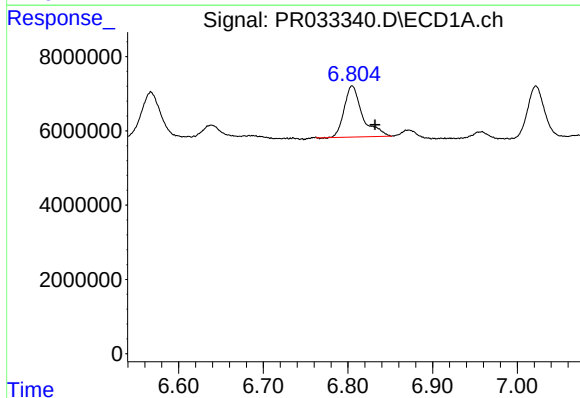
R.T.: 6.425 min
Delta R.T.: 0.000 min
Response: 22475343
Conc: 40.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



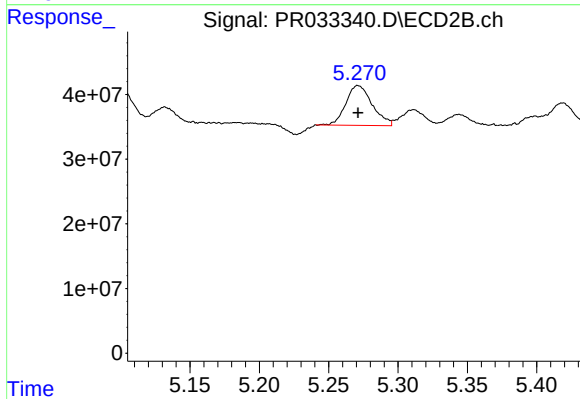
#23 AR-1248-3

R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 74696249
Conc: 43.96 ng/ml



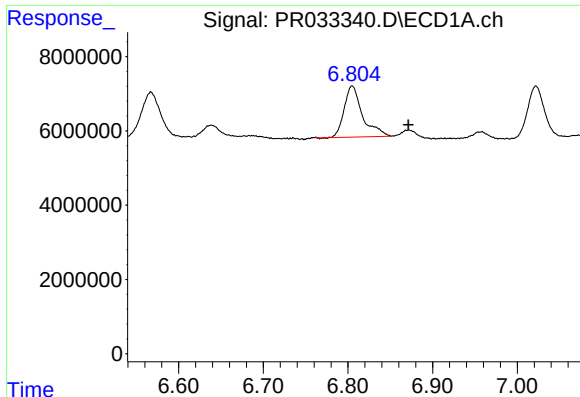
#24 AR-1248-4

R.T.: 6.805 min
Delta R.T.: -0.027 min
Response: 20706780
Conc: 32.62 ng/ml



#24 AR-1248-4

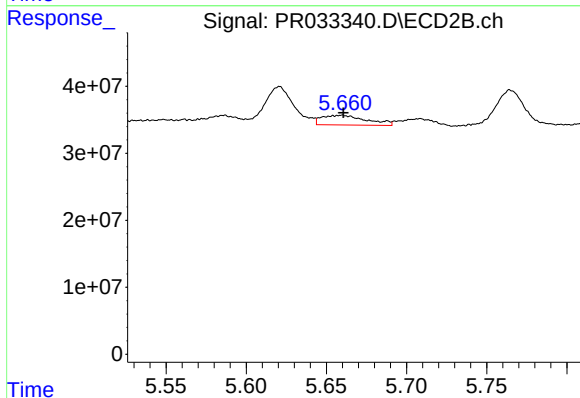
R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 81409486
Conc: 39.05 ng/ml



#25 AR-1248-5

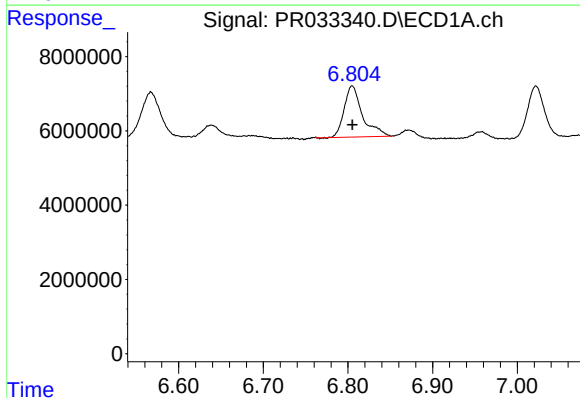
R.T.: 6.805 min
Delta R.T.: -0.066 min
Response: 20706780
Conc: 34.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



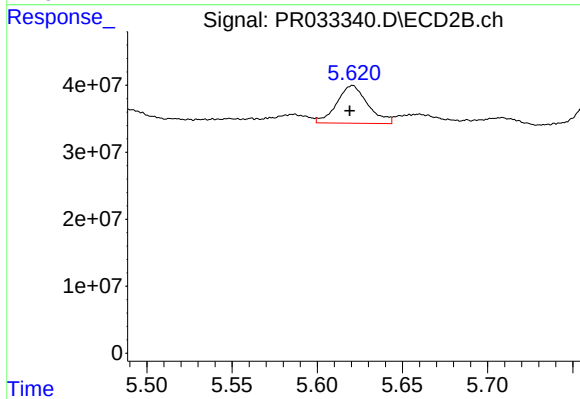
#25 AR-1248-5

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 28041915
Conc: 13.67 ng/ml



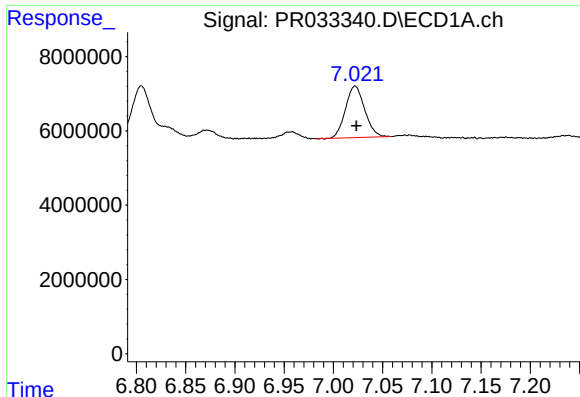
#26 AR-1254-1

R.T.: 6.805 min
Delta R.T.: 0.000 min
Response: 20706780
Conc: 25.25 ng/ml



#26 AR-1254-1

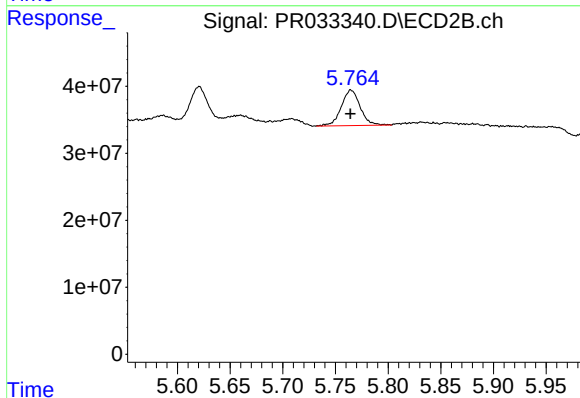
R.T.: 5.621 min
Delta R.T.: 0.002 min
Response: 71548141
Conc: 18.58 ng/ml



#27 AR-1254-2

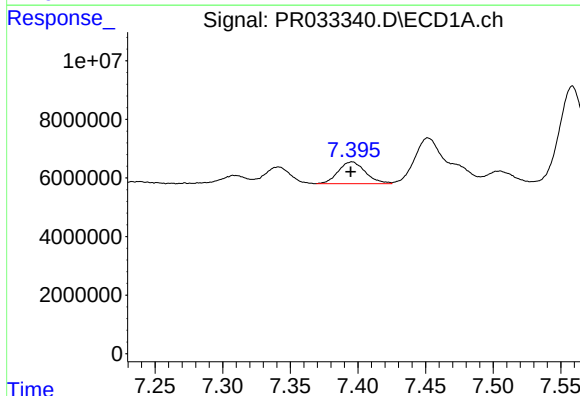
R.T.: 7.022 min
Delta R.T.: -0.001 min
Response: 18819395
Conc: 15.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



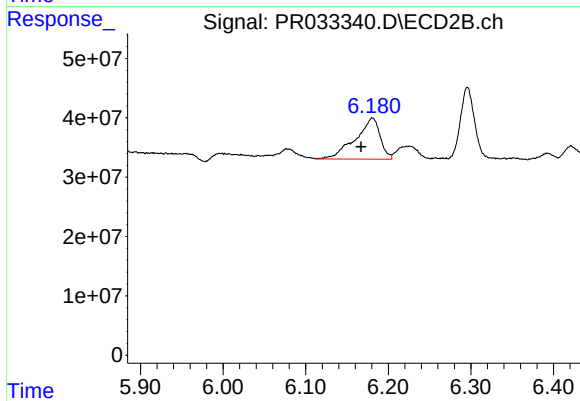
#27 AR-1254-2

R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 66342845
Conc: 20.35 ng/ml



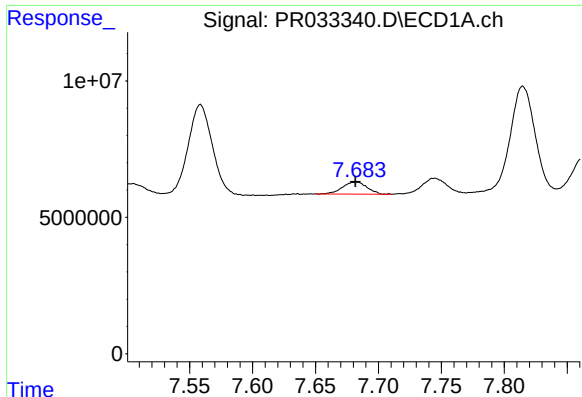
#28 AR-1254-3

R.T.: 7.396 min
Delta R.T.: 0.001 min
Response: 10394251
Conc: 8.09 ng/ml



#28 AR-1254-3

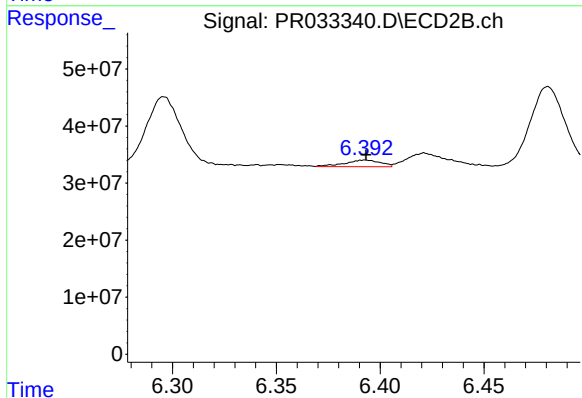
R.T.: 6.181 min
Delta R.T.: 0.014 min
Response: 144241720
Conc: 27.91 ng/ml



#29 AR-1254-4

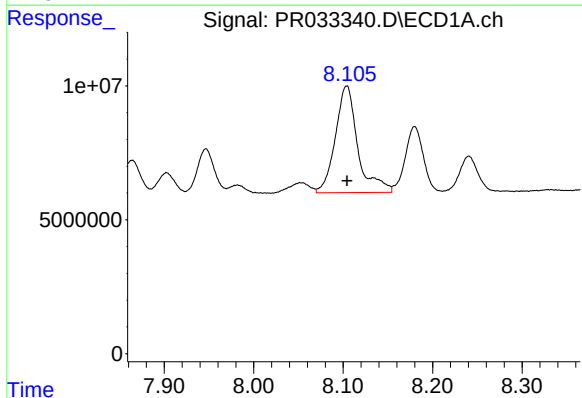
R.T.: 7.682 min
Delta R.T.: 0.000 min
Response: 6051967
Conc: 6.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



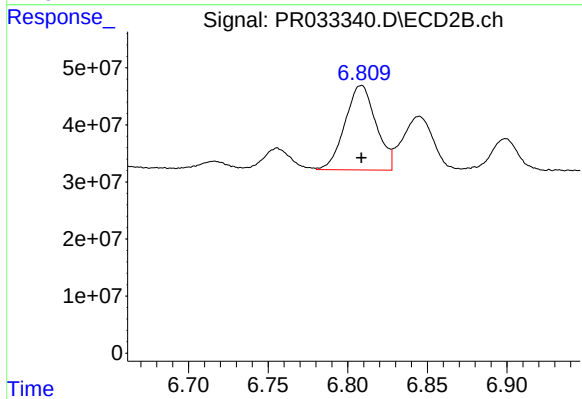
#29 AR-1254-4

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 13684687
Conc: 4.39 ng/ml



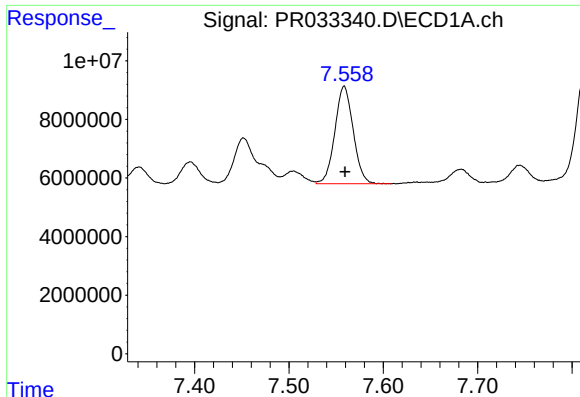
#30 AR-1254-5

R.T.: 8.104 min
Delta R.T.: 0.000 min
Response: 69483993
Conc: 59.14 ng/ml



#30 AR-1254-5

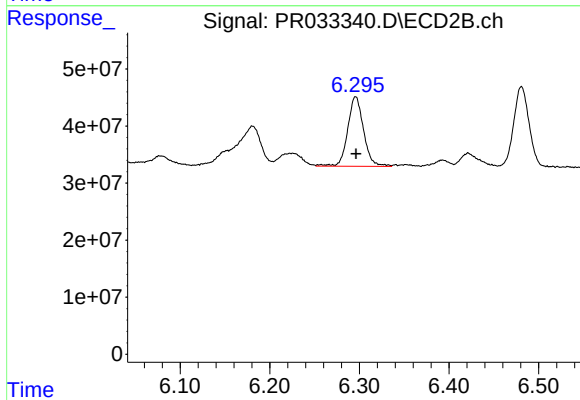
R.T.: 6.808 min
Delta R.T.: 0.000 min
Response: 201134670
Conc: 52.35 ng/ml



#31 AR-1260-1

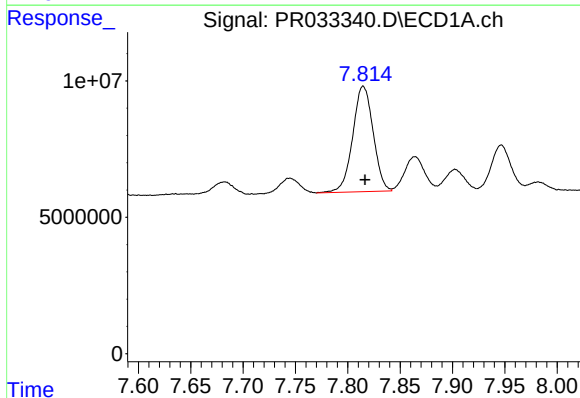
R.T.: 7.559 min
Delta R.T.: 0.000 min
Response: 44869345
Conc: 46.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



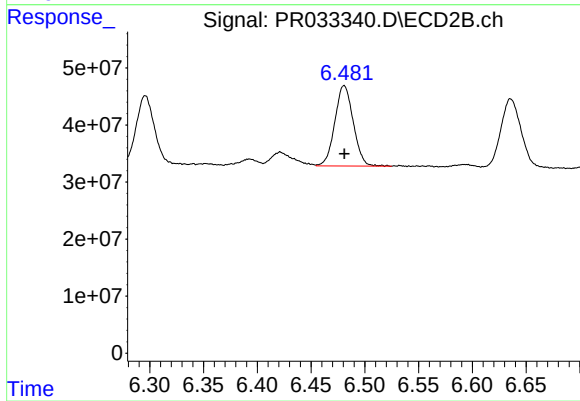
#31 AR-1260-1

R.T.: 6.296 min
Delta R.T.: 0.000 min
Response: 149763779
Conc: 49.24 ng/ml



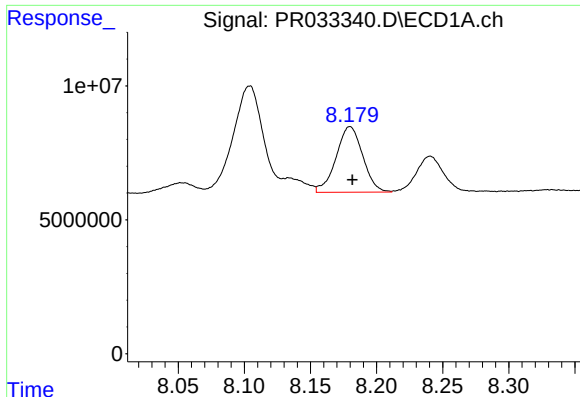
#32 AR-1260-2

R.T.: 7.815 min
Delta R.T.: -0.002 min
Response: 52603285
Conc: 46.75 ng/ml



#32 AR-1260-2

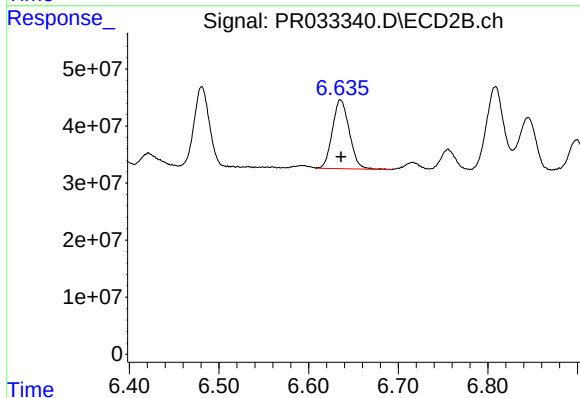
R.T.: 6.481 min
Delta R.T.: 0.000 min
Response: 167910143
Conc: 46.84 ng/ml



#33 AR-1260-3

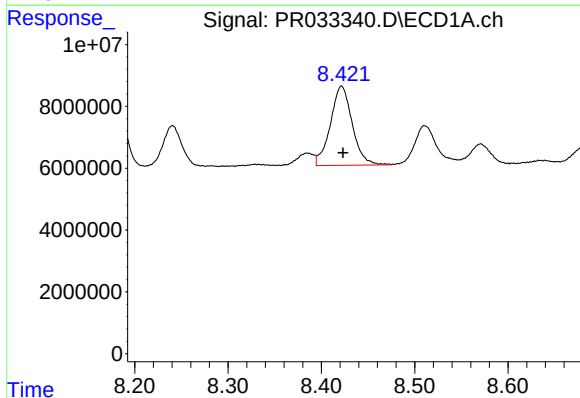
R.T.: 8.180 min
Delta R.T.: -0.002 min
Response: 34337854
Conc: 40.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



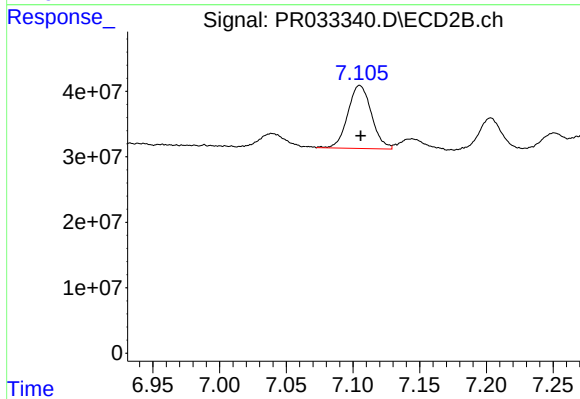
#33 AR-1260-3

R.T.: 6.636 min
Delta R.T.: 0.000 min
Response: 158268539
Conc: 47.09 ng/ml



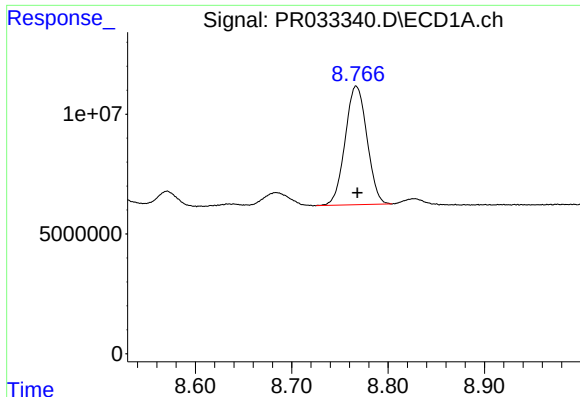
#34 AR-1260-4

R.T.: 8.422 min
Delta R.T.: -0.002 min
Response: 41700919
Conc: 42.56 ng/ml



#34 AR-1260-4

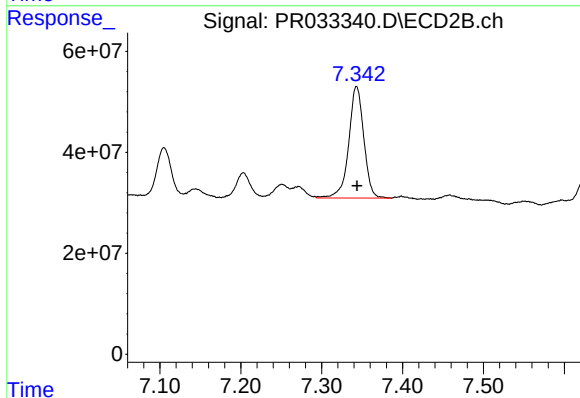
R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 118707555
Conc: 45.69 ng/ml



#35 AR-1260-5

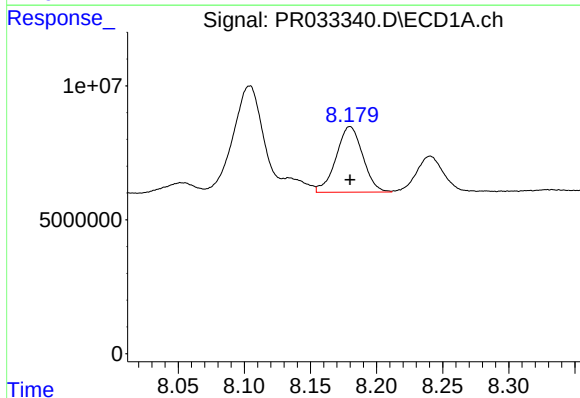
R.T.: 8.767 min
Delta R.T.: -0.001 min
Response: 77692111
Conc: 39.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



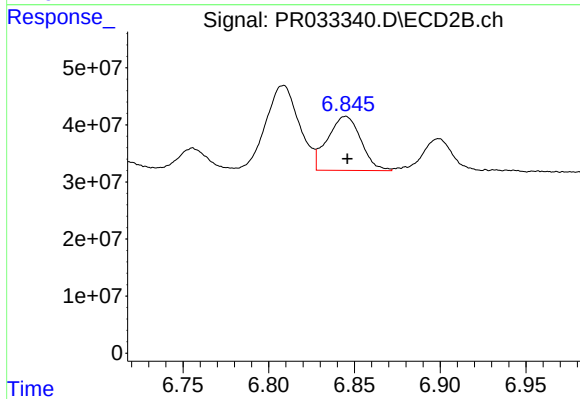
#35 AR-1260-5

R.T.: 7.343 min
Delta R.T.: 0.000 min
Response: 287279394
Conc: 43.89 ng/ml



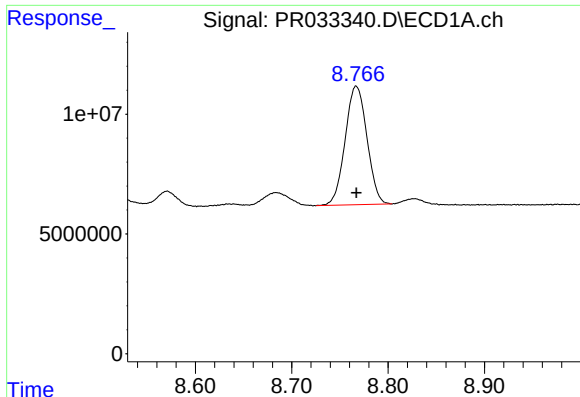
#36 AR-1262-1

R.T.: 8.180 min
Delta R.T.: 0.000 min
Response: 34337854
Conc: 33.02 ng/ml



#36 AR-1262-1

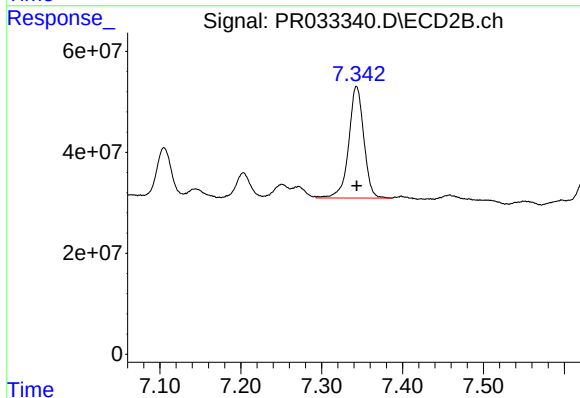
R.T.: 6.845 min
Delta R.T.: 0.000 min
Response: 128152710
Conc: 36.59 ng/ml



#37 AR-1262-2

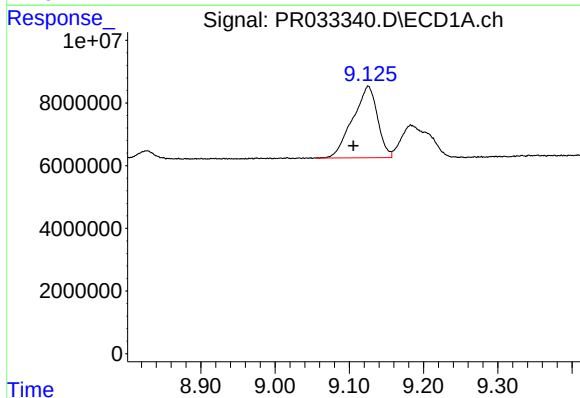
R.T.: 8.767 min
Delta R.T.: 0.000 min
Response: 77692111
Conc: 41.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



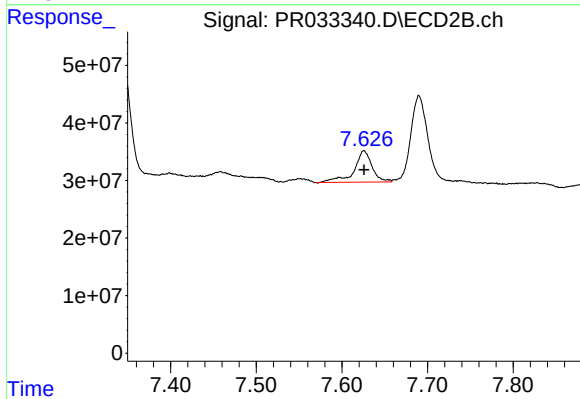
#37 AR-1262-2

R.T.: 7.343 min
Delta R.T.: 0.000 min
Response: 287279394
Conc: 44.97 ng/ml



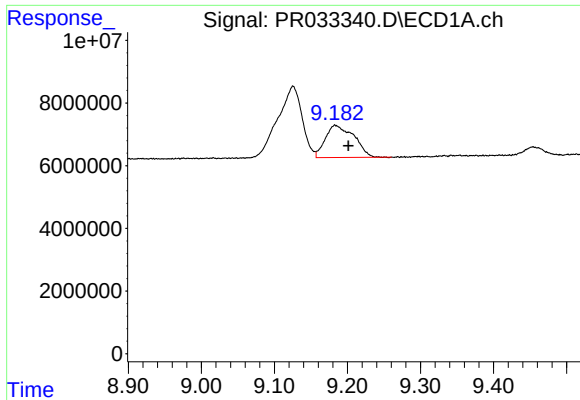
#38 AR-1262-3

R.T.: 9.126 min
Delta R.T.: 0.020 min
Response: 52960124
Conc: 42.34 ng/ml



#38 AR-1262-3

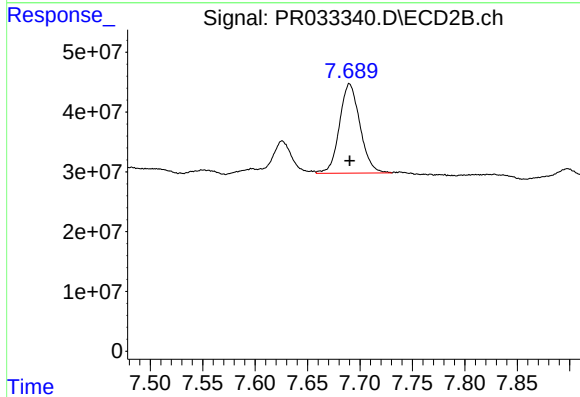
R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 79447229
Conc: 31.56 ng/ml



#39 AR-1262-4

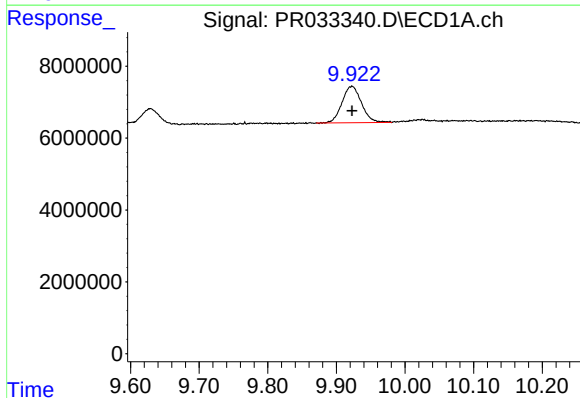
R.T.: 9.183 min
Delta R.T.: -0.018 min
Response: 27895424
Conc: 29.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



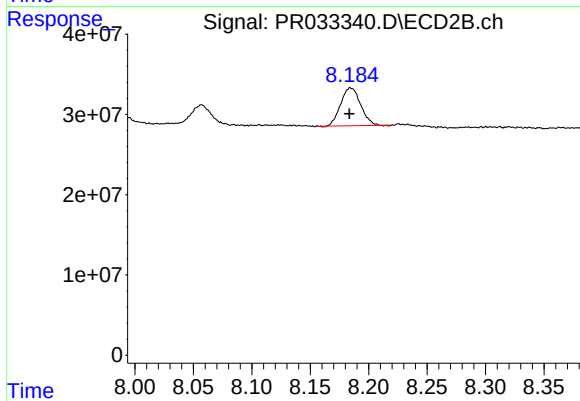
#39 AR-1262-4

R.T.: 7.690 min
Delta R.T.: 0.000 min
Response: 203605476
Conc: 45.44 ng/ml



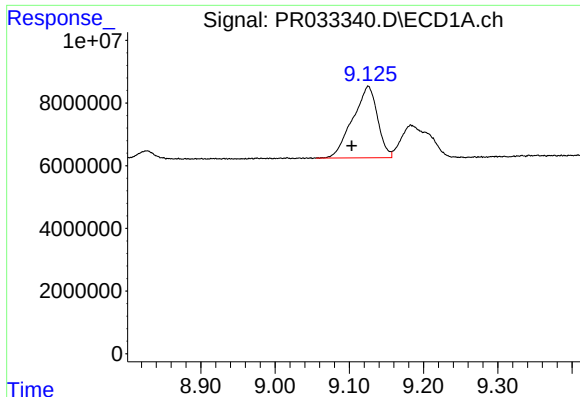
#40 AR-1262-5

R.T.: 9.923 min
Delta R.T.: 0.000 min
Response: 20056184
Conc: 30.00 ng/ml



#40 AR-1262-5

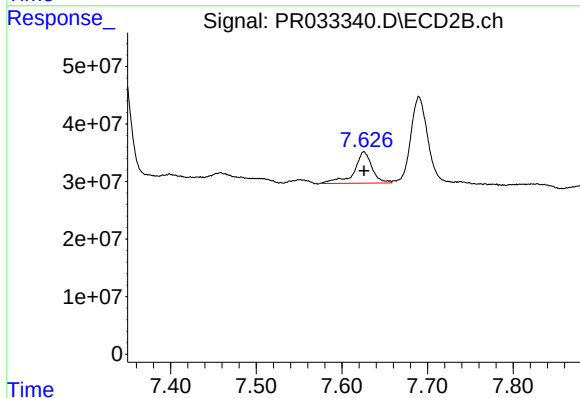
R.T.: 8.185 min
Delta R.T.: 0.000 min
Response: 55673605
Conc: 30.48 ng/ml



#41 AR-1268-1

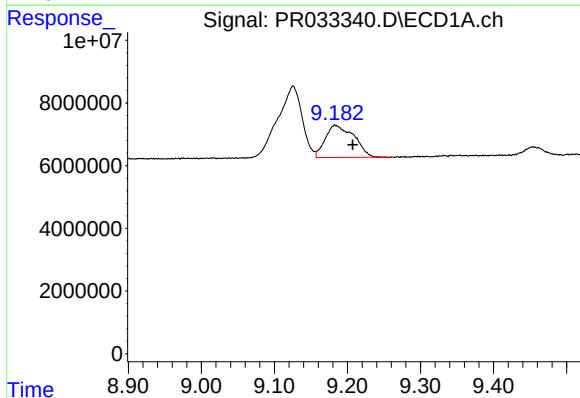
R.T.: 9.126 min
Delta R.T.: 0.022 min
Response: 52960124
Conc: 22.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



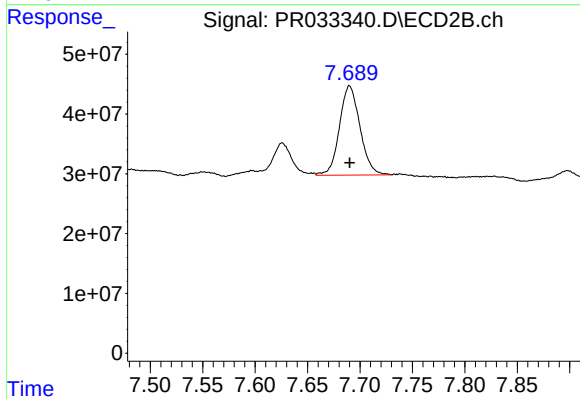
#41 AR-1268-1

R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 79447229
Conc: 10.06 ng/ml



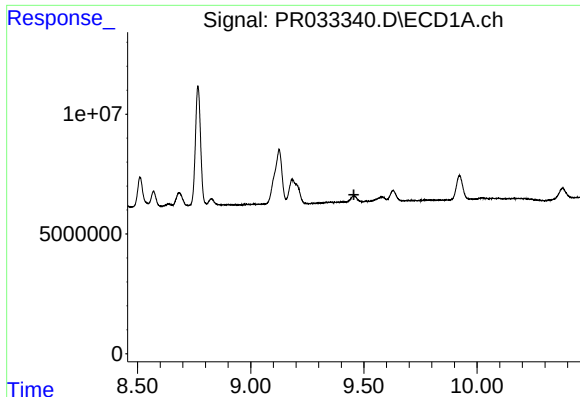
#42 AR-1268-2

R.T.: 9.183 min
Delta R.T.: -0.024 min
Response: 27895424
Conc: 13.26 ng/ml



#42 AR-1268-2

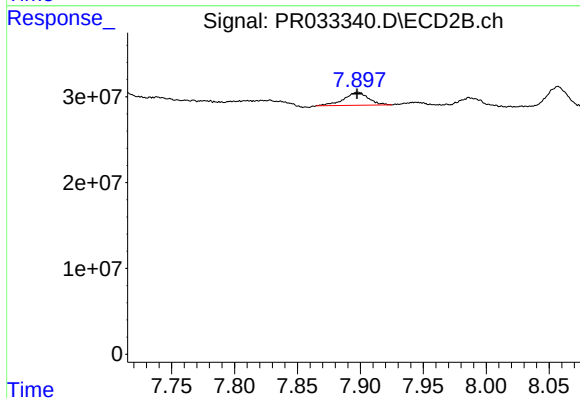
R.T.: 7.690 min
Delta R.T.: 0.000 min
Response: 203605476
Conc: 28.49 ng/ml



#43 AR-1268-3

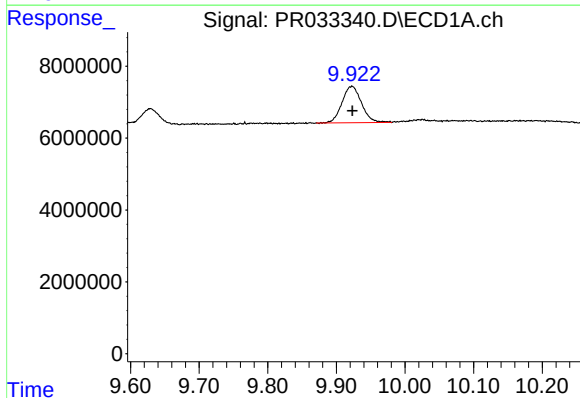
R.T.: 0.000 min
Exp R.T.: 9.456 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



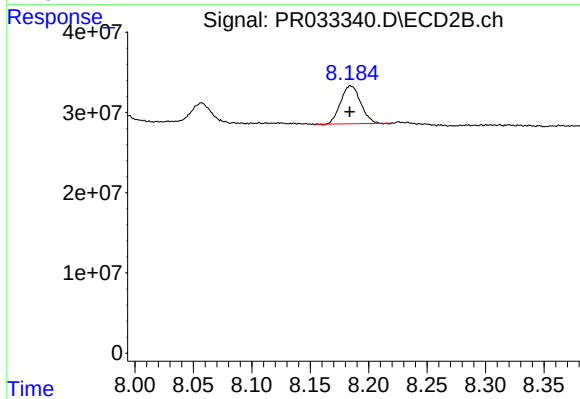
#43 AR-1268-3

R.T.: 7.898 min
Delta R.T.: 0.000 min
Response: 20759848
Conc: 3.41 ng/ml



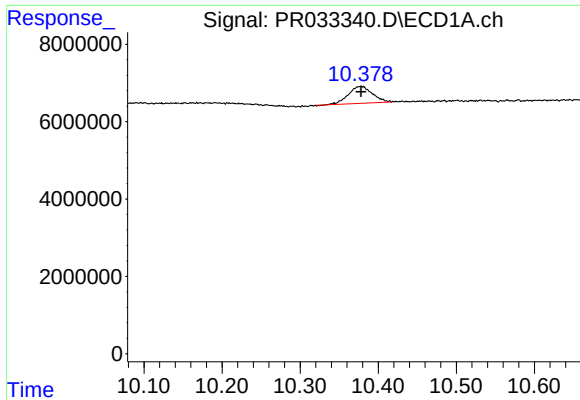
#44 AR-1268-4

R.T.: 9.923 min
Delta R.T.: 0.000 min
Response: 20056184
Conc: 25.59 ng/ml



#44 AR-1268-4

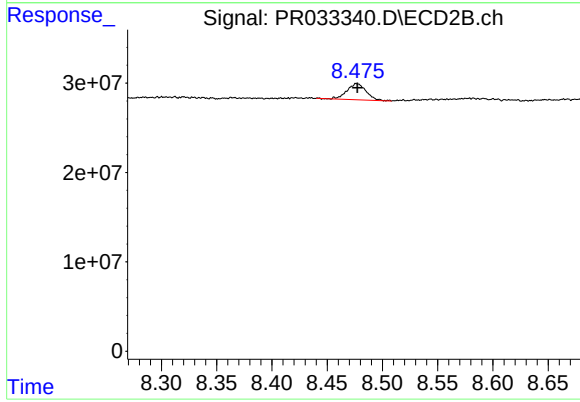
R.T.: 8.185 min
Delta R.T.: 0.000 min
Response: 55673605
Conc: 25.75 ng/ml



#45 AR-1268-5

R.T.: 10.378 min
Delta R.T.: 0.000 min
Response: 9413442
Conc: 1.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.477 min
Delta R.T.: 0.000 min
Response: 21923836
Conc: 1.27 ng/ml