

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091218\
 Data File : PR032009.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2018 15:27
 Operator : SM\SJ
 Sample : PB112761BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 05:14:59 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091218.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 13 01:38:59 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...	4.520	3.650	349.6E6	679.5E6	16.069	16.196
2)	SA Decachlor...	10.267	8.512	612.7E6	509.4E6	24.221	26.916
Target Compounds							
3)	L1 AR-1016-1	5.220	4.302	25191448	50895251	43.829	43.326
4)	L1 AR-1016-2	5.413	4.703	26325323	78491805	45.089	44.145
5)	L1 AR-1016-3	5.679	4.719	42175838	151.5E6	46.902	47.693
6)	L1 AR-1016-4	5.763	4.776	35939668	76603713	46.445	42.772
7)	L1 AR-1016-5	6.155	5.138	32212863	77798026	48.934	45.522
8)	L2 AR-1221-1	4.715	3.857	2700247	6196238	11.022	13.883 #
9)	L2 AR-1221-2	4.819	3.943	7232883	12808927	39.840	38.855
10)	L2 AR-1221-3	4.885	4.016	16735580	28777779	29.081	26.247
11)	L3 AR-1232-1	5.701	4.489	58602697	68791267	112.604	119.953
12)	L3 AR-1232-2	5.862	4.600	31434016	20330409	117.918	104.335
13)	L3 AR-1232-3	6.034	4.970	9561861	74976534	136.821	130.936
14)	L3 AR-1232-4	6.364	5.281	10510287	77642993	149.318	104.516 #
15)	L3 AR-1232-5	7.223	5.868	13836312	20127940	282.362	212.546
16)	L4 AR-1242-1	5.251	4.320	13661824	36148031	51.754	61.008
17)	L4 AR-1242-2	5.997	4.892	27017020	72971905	56.950	59.398
18)	L4 AR-1242-3	6.196	5.000	12820357	27150147	55.311	64.903
19)	L4 AR-1242-4	6.240	5.353	9698452	34720736	56.072	88.516 #
20)	L4 AR-1242-5	6.295	5.741	29172383	4293997	48.901	4.919 #
21)	L5 AR-1248-1	5.951	4.930	28009601	65146901	36.213	38.134
22)	L5 AR-1248-2	6.530	5.479	35806890	94931221	44.792	27.437 #
23)	L5 AR-1248-3	6.530	5.520	35806890	28965756	33.373	11.737 #
24)	L5 AR-1248-4	6.596	5.710	5867098	11338358	5.790	4.582
25)	L5 AR-1248-5	6.745	6.027	31858146	154.9E6	47.547	97.062 #
26)	L6 AR-1254-1	6.745	5.622	31858146	104.7E6	16.927	27.823 #
27)	L6 AR-1254-2	7.014	5.925	17963889	7337240	15.315	2.551 #
28)	L6 AR-1254-3	7.113	6.241	19919557	29067594	9.563	6.446 #
29)	L6 AR-1254-4	7.396	6.551	9444618	16747257	5.774	7.714 #
30)	L6 AR-1254-5	7.660	6.647	41570918	226.8E6	36.298	57.552 #
31)	L7 AR-1260-1	7.276	6.141	80898613	225.0E6	61.599	64.783
32)	L7 AR-1260-2	7.531	6.326	95351328	256.2E6	59.651	60.306
33)	L7 AR-1260-3	7.814	6.475	120.0E6	181.9E6	69.598	54.379
34)	L7 AR-1260-4	8.117	6.937	77022601	127.8E6	64.423	61.250
35)	L7 AR-1260-5	8.440	7.176	145.7E6	301.1E6	53.894	68.291 #
36)	L8 AR-1262-1	7.170	6.027	50857690	154.9E6	72.917	87.925
37)	L8 AR-1262-2	7.948	6.734	38534305	91540509	64.477	67.172
38)	L8 AR-1262-3	8.200	7.030	37112124	82064198	74.809	70.420
39)	L8 AR-1262-4	8.827	7.450	52356916	54375794	37.550	36.550
40)	L8 AR-1262-5	9.507	8.005	41136721	49306118	37.378	45.403
41)	L9 AR-1268-1	7.891	6.680	67607593	171.3E6	97.772	111.576

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 ALS Vial : 20 Sample Multiplier: 1

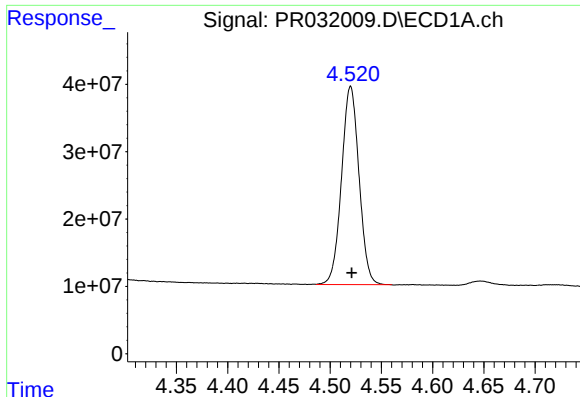
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 05:14:59 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091218.M
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 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.117	7.516	77022601	167.1E6	87.549	47.759 #
43) L9	AR-1268-3	8.769	7.712	88444083	24113147	23.855	8.536 #
44) L9	AR-1268-4	9.082	7.803	13483428	9475801	4.409	11.233 #
45) L9	AR-1268-5	9.925	8.278	21782700	20310462	2.299	2.867

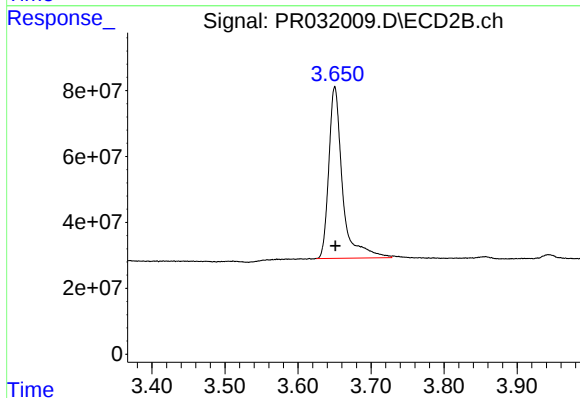
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

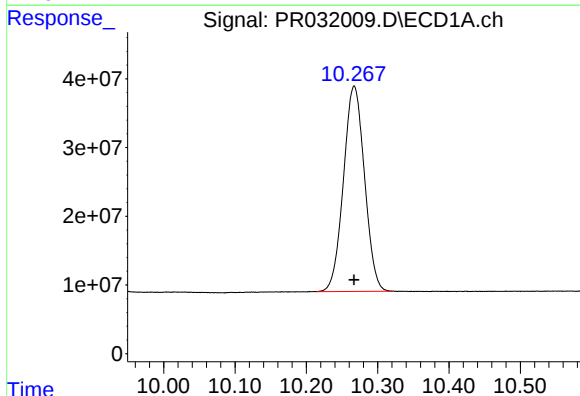
R.T.: 4.520 min
Delta R.T.: 0.000 min
Response: 349641279
Conc: 16.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



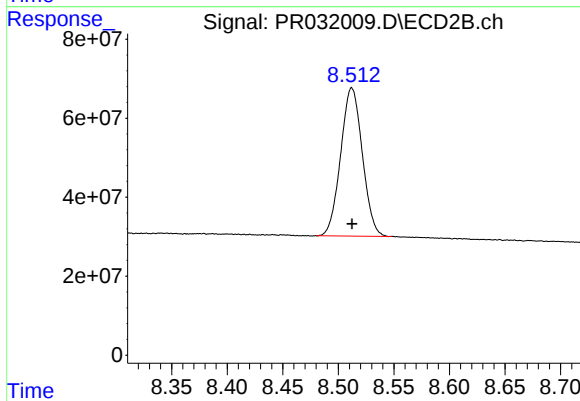
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 679545003
Conc: 16.20 ng/ml



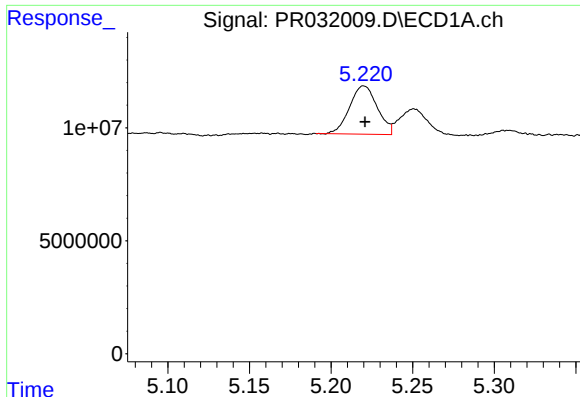
#2 Decachlorobiphenyl

R.T.: 10.267 min
Delta R.T.: 0.000 min
Response: 612727309
Conc: 24.22 ng/ml



#2 Decachlorobiphenyl

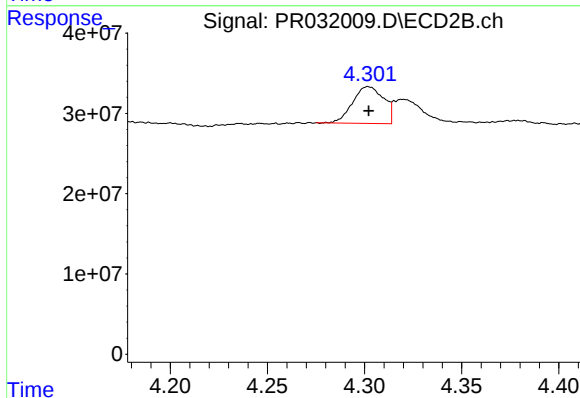
R.T.: 8.512 min
Delta R.T.: 0.000 min
Response: 509407932
Conc: 26.92 ng/ml



#3 AR-1016-1

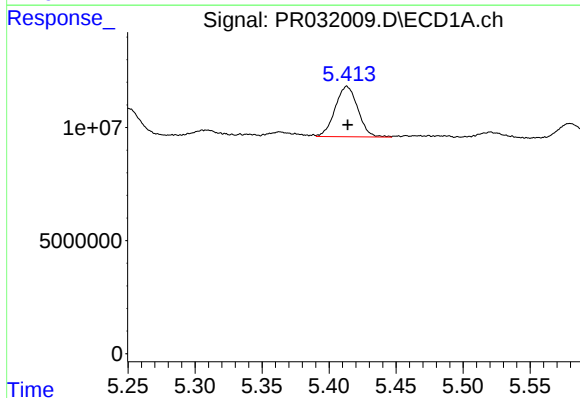
R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 25191448
Conc: 43.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



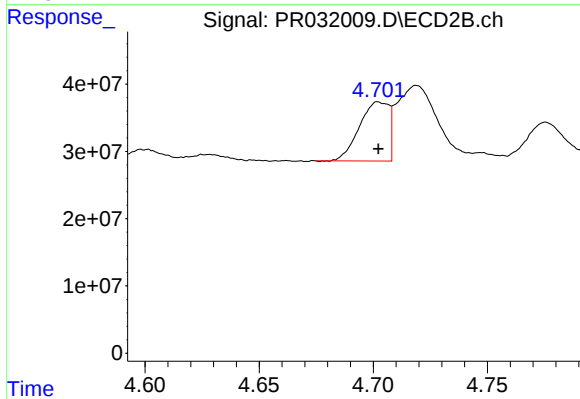
#3 AR-1016-1

R.T.: 4.302 min
Delta R.T.: 0.000 min
Response: 50895251
Conc: 43.33 ng/ml



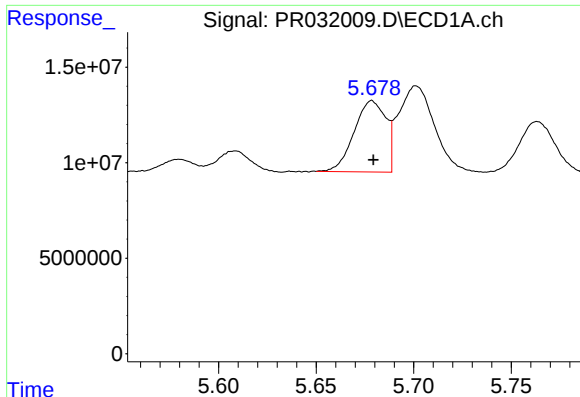
#4 AR-1016-2

R.T.: 5.413 min
Delta R.T.: 0.000 min
Response: 26325323
Conc: 45.09 ng/ml



#4 AR-1016-2

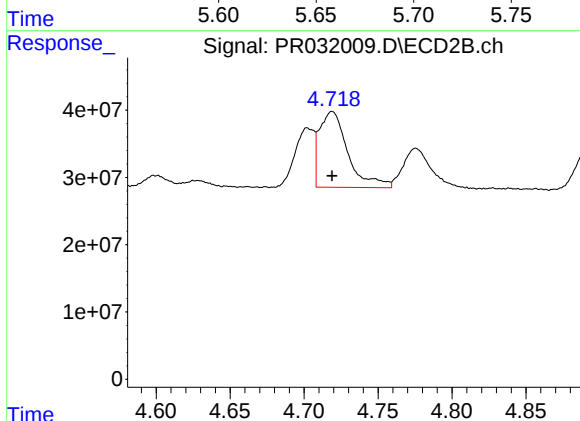
R.T.: 4.703 min
Delta R.T.: 0.000 min
Response: 78491805
Conc: 44.15 ng/ml



#5 AR-1016-3

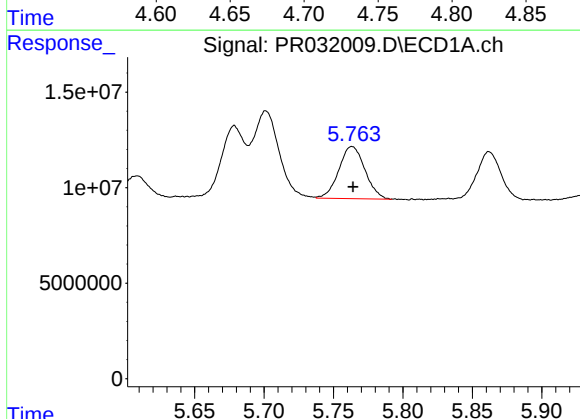
R.T.: 5.679 min
Delta R.T.: 0.000 min
Response: 42175838
Conc: 46.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



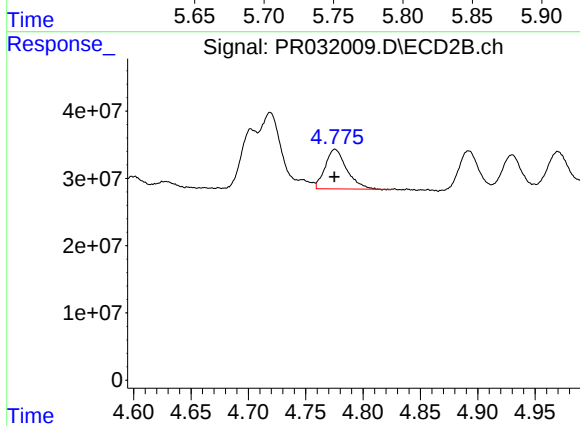
#5 AR-1016-3

R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 151453498
Conc: 47.69 ng/ml



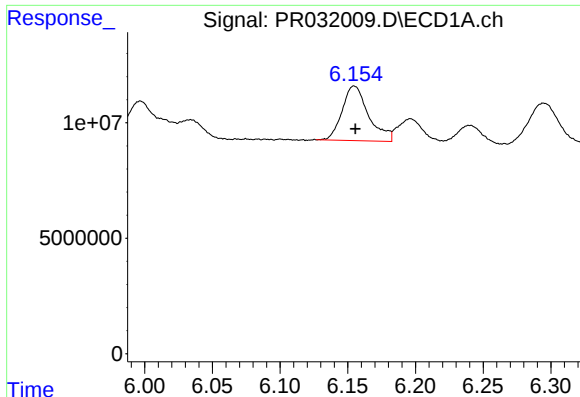
#6 AR-1016-4

R.T.: 5.763 min
Delta R.T.: 0.000 min
Response: 35939668
Conc: 46.44 ng/ml



#6 AR-1016-4

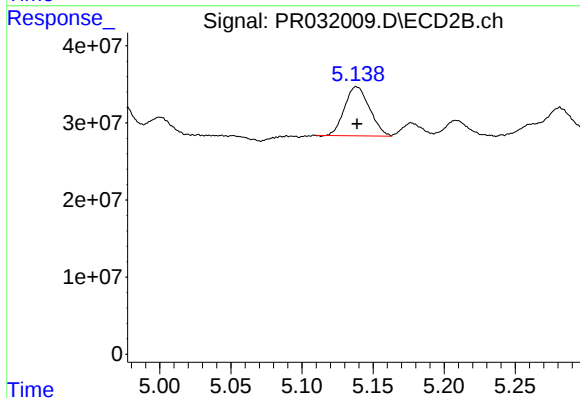
R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 76603713
Conc: 42.77 ng/ml



#7 AR-1016-5

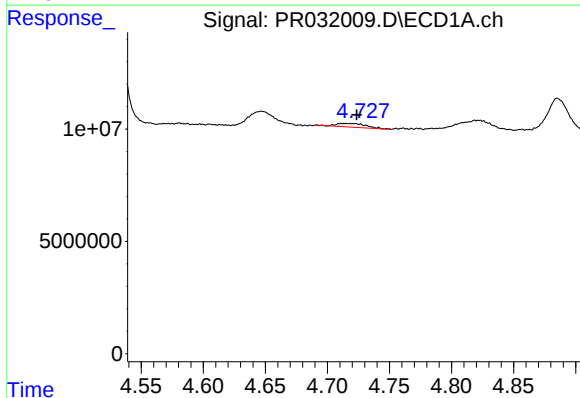
R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 32212863
Conc: 48.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



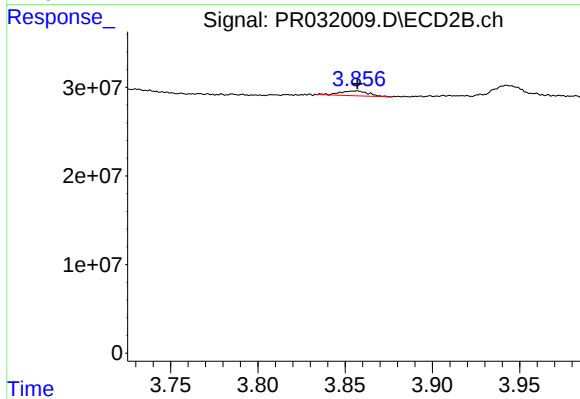
#7 AR-1016-5

R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 77798026
Conc: 45.52 ng/ml



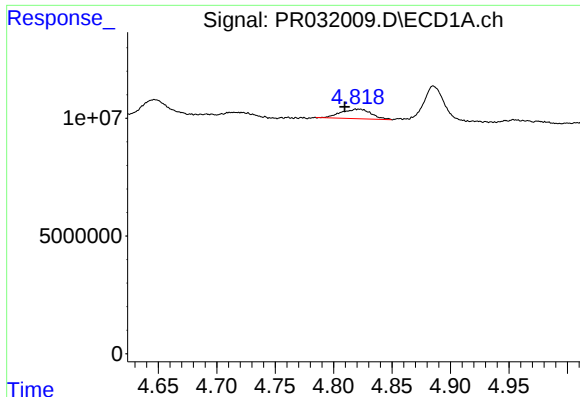
#8 AR-1221-1

R.T.: 4.715 min
Delta R.T.: -0.009 min
Response: 2700247
Conc: 11.02 ng/ml



#8 AR-1221-1

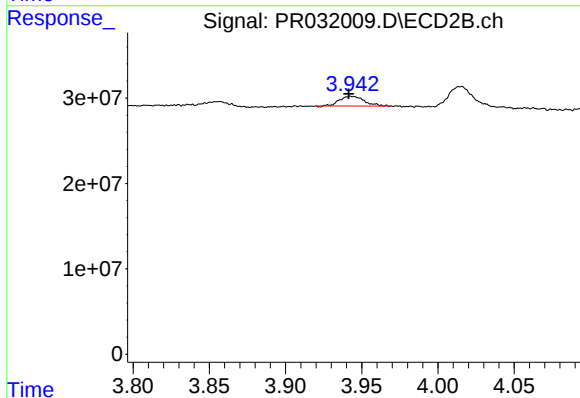
R.T.: 3.857 min
Delta R.T.: 0.000 min
Response: 6196238
Conc: 13.88 ng/ml



#9 AR-1221-2

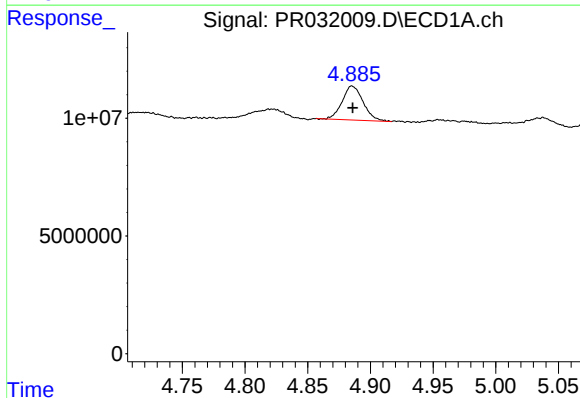
R.T.: 4.819 min
Delta R.T.: 0.009 min
Response: 7232883
Conc: 39.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



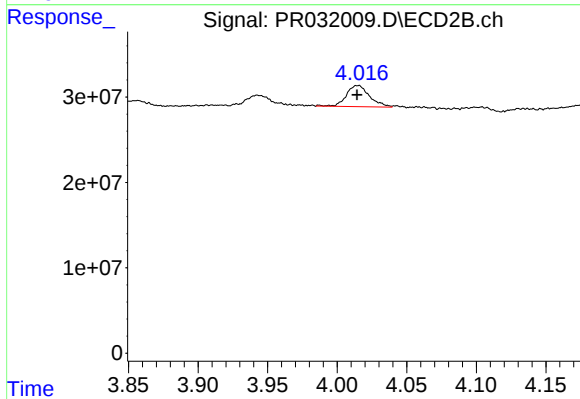
#9 AR-1221-2

R.T.: 3.943 min
Delta R.T.: 0.001 min
Response: 12808927
Conc: 38.86 ng/ml



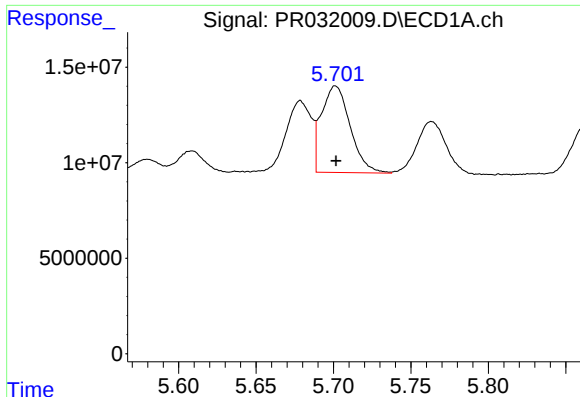
#10 AR-1221-3

R.T.: 4.885 min
Delta R.T.: 0.000 min
Response: 16735580
Conc: 29.08 ng/ml



#10 AR-1221-3

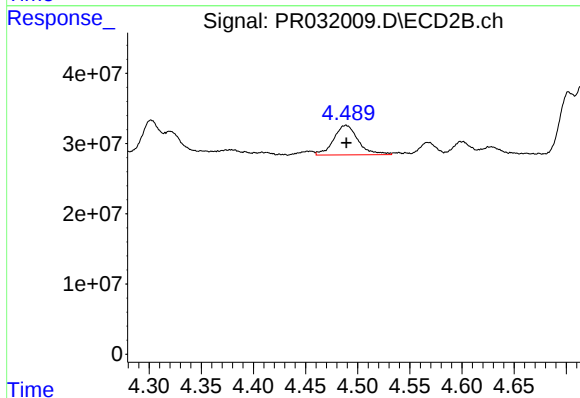
R.T.: 4.016 min
Delta R.T.: 0.001 min
Response: 28777779
Conc: 26.25 ng/ml



#11 AR-1232-1

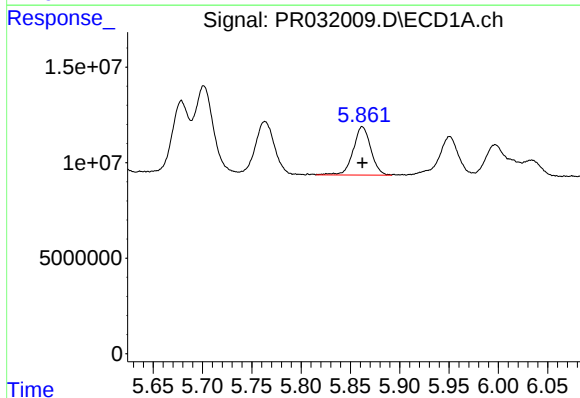
R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 58602697
Conc: 112.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



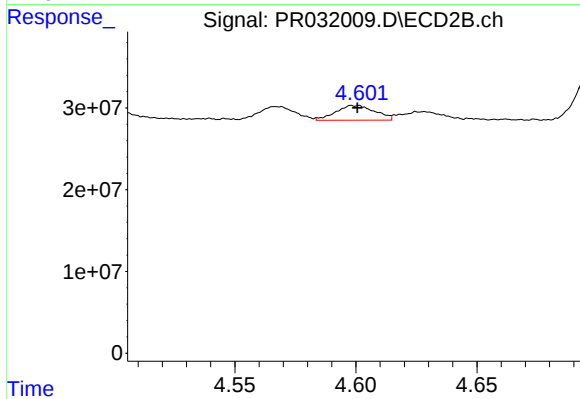
#11 AR-1232-1

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 68791267
Conc: 119.95 ng/ml



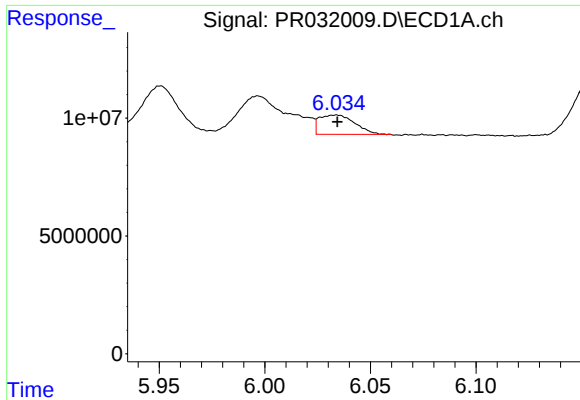
#12 AR-1232-2

R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 31434016
Conc: 117.92 ng/ml



#12 AR-1232-2

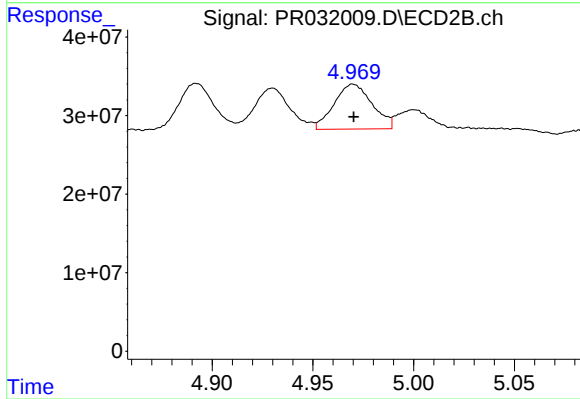
R.T.: 4.600 min
Delta R.T.: -0.001 min
Response: 20330409
Conc: 104.34 ng/ml



#13 AR-1232-3

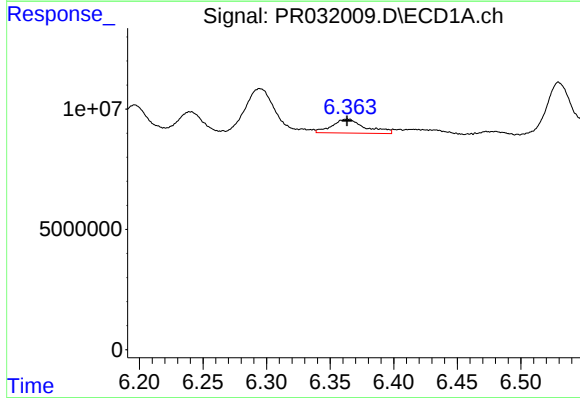
R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 9561861
Conc: 136.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



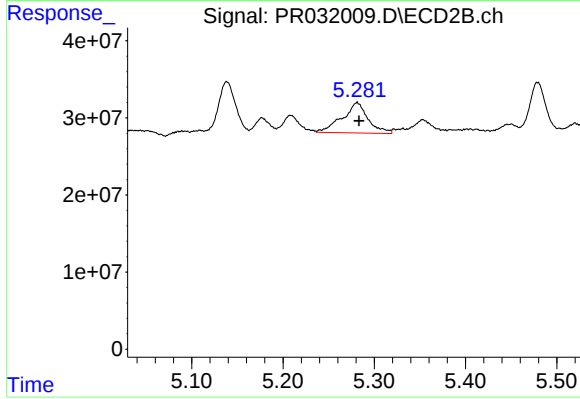
#13 AR-1232-3

R.T.: 4.970 min
Delta R.T.: 0.000 min
Response: 74976534
Conc: 130.94 ng/ml



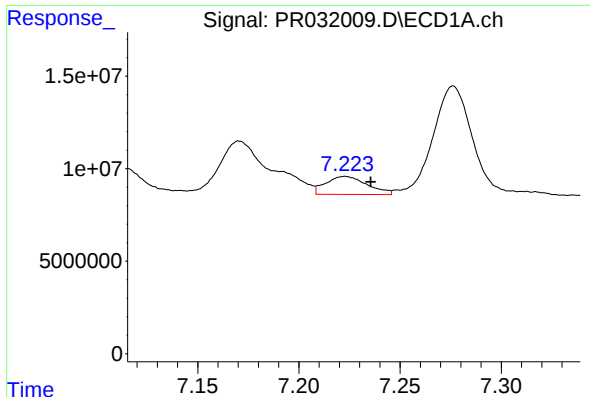
#14 AR-1232-4

R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 10510287
Conc: 149.32 ng/ml



#14 AR-1232-4

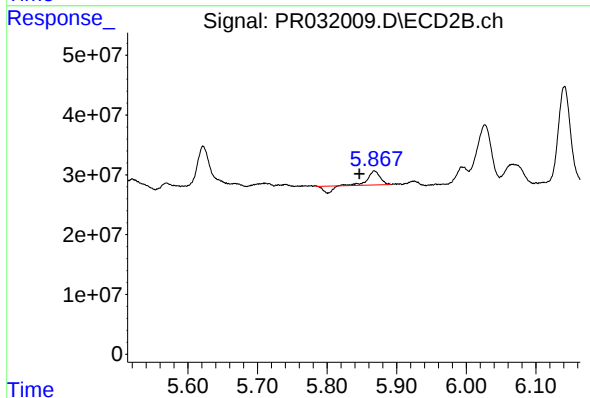
R.T.: 5.281 min
Delta R.T.: -0.002 min
Response: 77642993
Conc: 104.52 ng/ml



#15 AR-1232-5

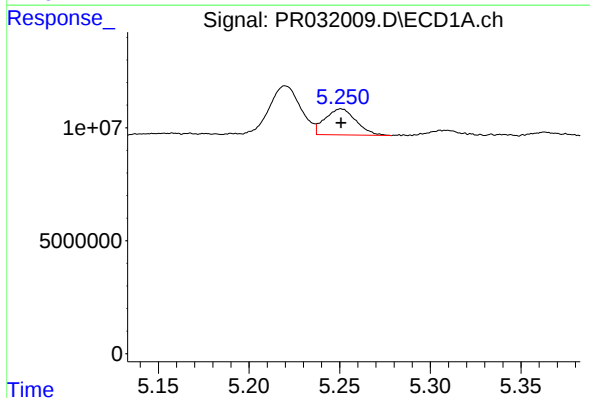
R.T.: 7.223 min
Delta R.T.: -0.013 min
Response: 13836312
Conc: 282.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



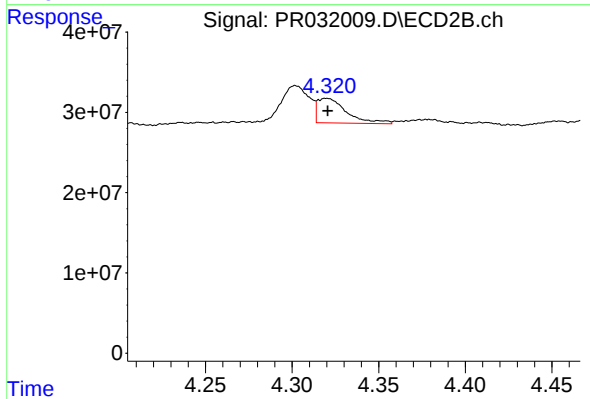
#15 AR-1232-5

R.T.: 5.868 min
Delta R.T.: 0.022 min
Response: 20127940
Conc: 212.55 ng/ml



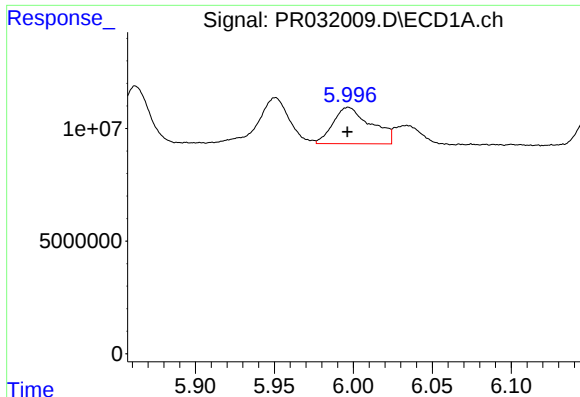
#16 AR-1242-1

R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 13661824
Conc: 51.75 ng/ml



#16 AR-1242-1

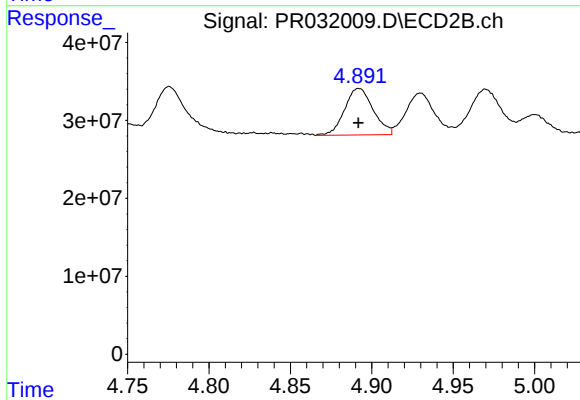
R.T.: 4.320 min
Delta R.T.: 0.000 min
Response: 36148031
Conc: 61.01 ng/ml



#17 AR-1242-2

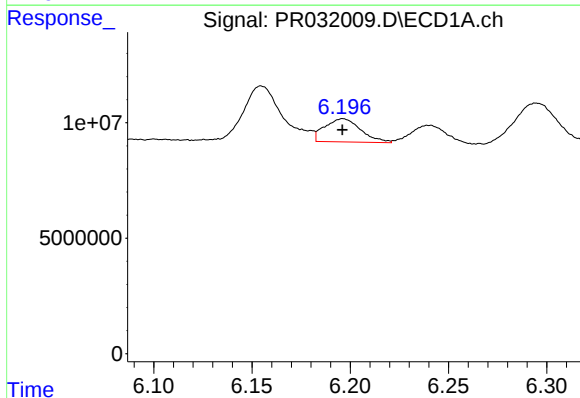
R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 27017020
Conc: 56.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



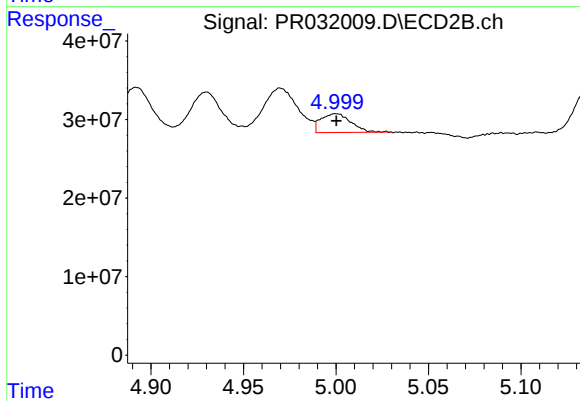
#17 AR-1242-2

R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 72971905
Conc: 59.40 ng/ml



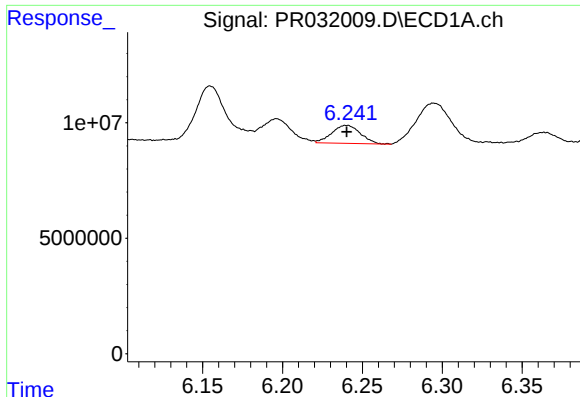
#18 AR-1242-3

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 12820357
Conc: 55.31 ng/ml



#18 AR-1242-3

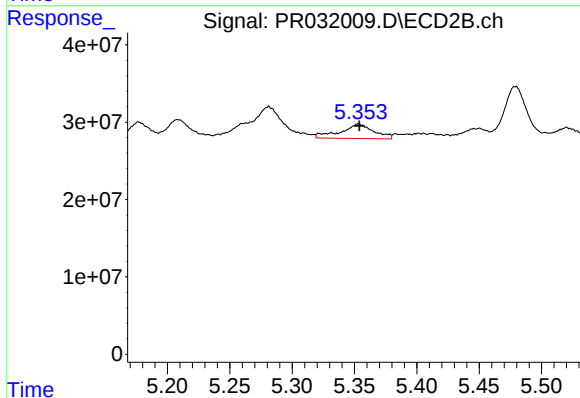
R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 27150147
Conc: 64.90 ng/ml



#19 AR-1242-4

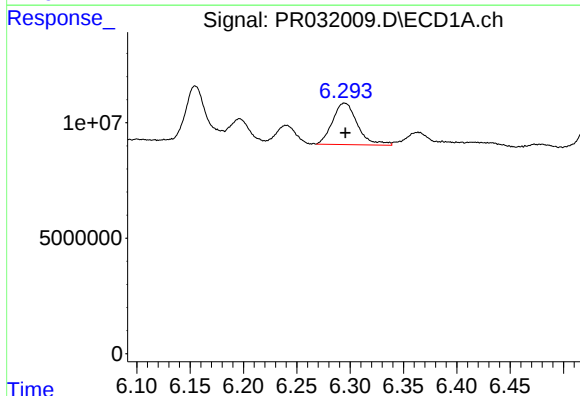
R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 9698452
Conc: 56.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



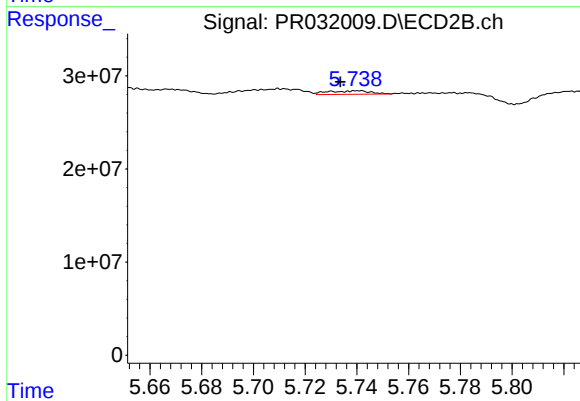
#19 AR-1242-4

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 34720736
Conc: 88.52 ng/ml



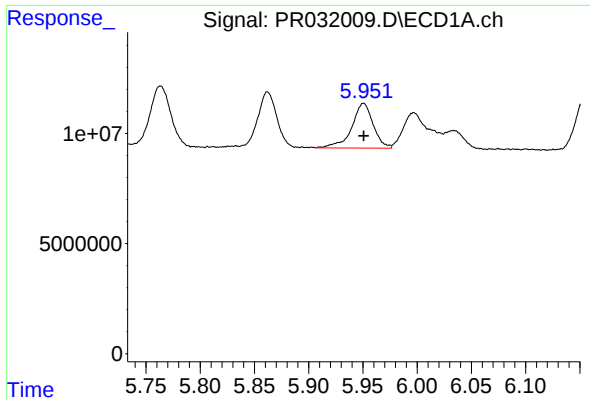
#20 AR-1242-5

R.T.: 6.295 min
Delta R.T.: -0.001 min
Response: 29172383
Conc: 48.90 ng/ml



#20 AR-1242-5

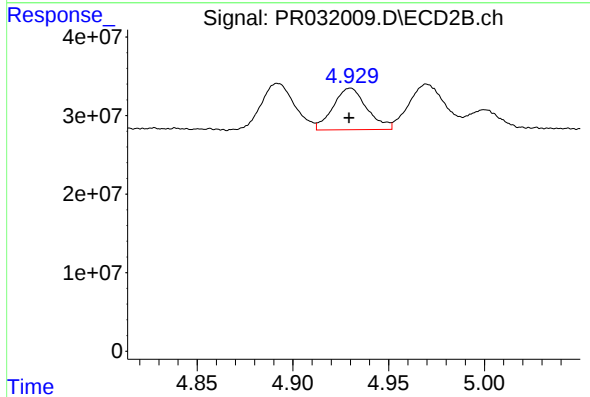
R.T.: 5.741 min
Delta R.T.: 0.007 min
Response: 4293997
Conc: 4.92 ng/ml



#21 AR-1248-1

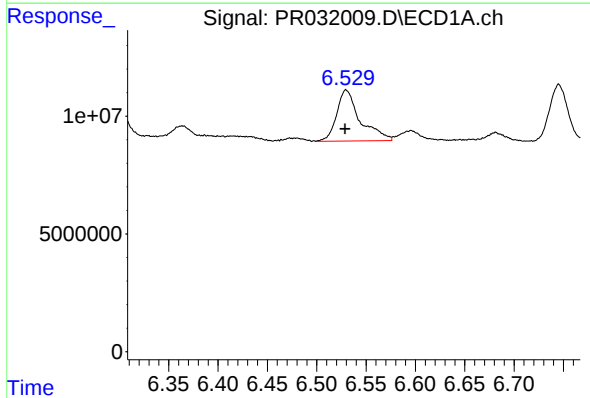
R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 28009601
Conc: 36.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



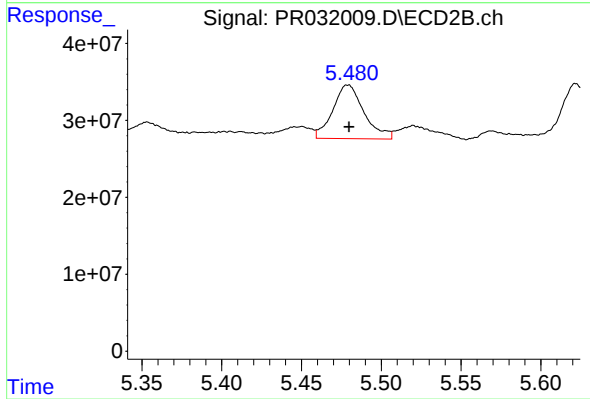
#21 AR-1248-1

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 65146901
Conc: 38.13 ng/ml



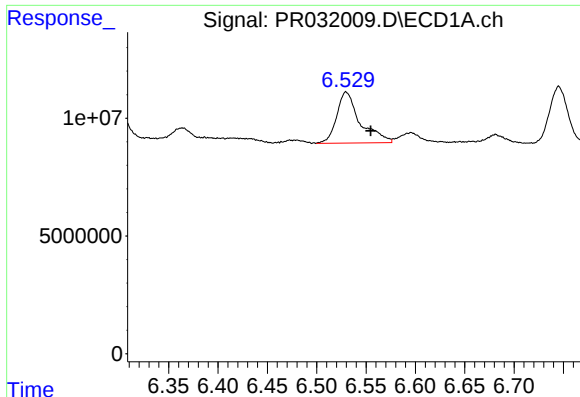
#22 AR-1248-2

R.T.: 6.530 min
Delta R.T.: 0.000 min
Response: 35806890
Conc: 44.79 ng/ml



#22 AR-1248-2

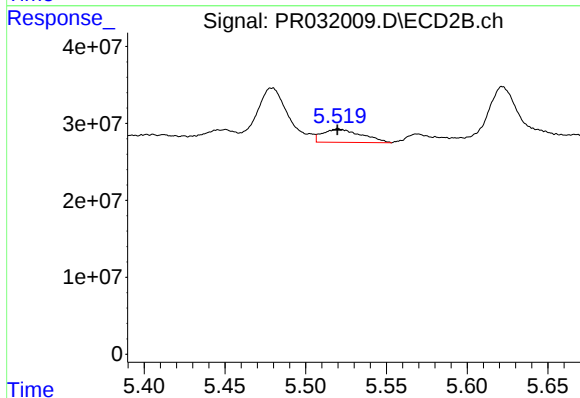
R.T.: 5.479 min
Delta R.T.: 0.000 min
Response: 94931221
Conc: 27.44 ng/ml



#23 AR-1248-3

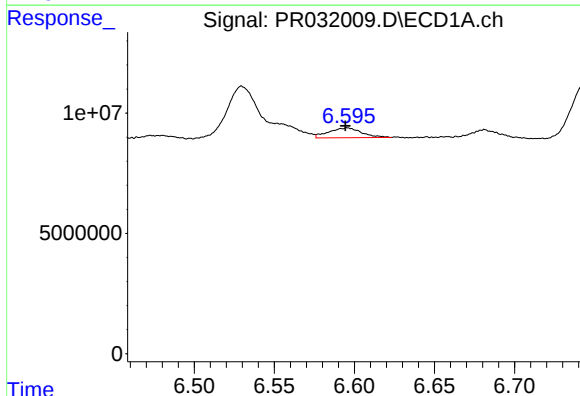
R.T.: 6.530 min
Delta R.T.: -0.025 min
Response: 35806890
Conc: 33.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



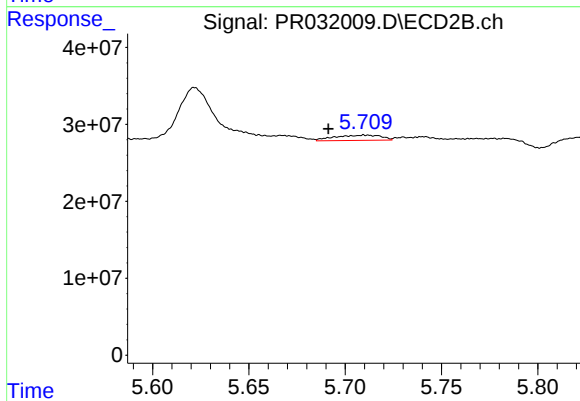
#23 AR-1248-3

R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 28965756
Conc: 11.74 ng/ml



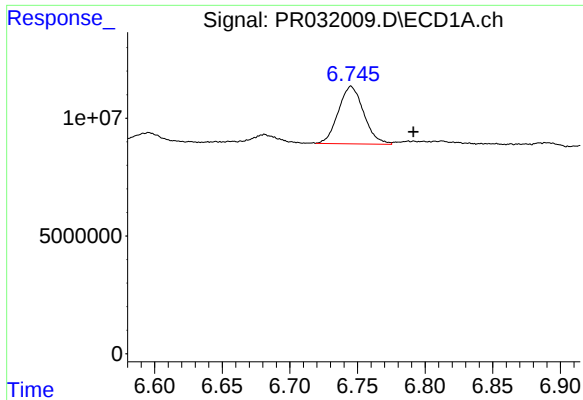
#24 AR-1248-4

R.T.: 6.596 min
Delta R.T.: 0.001 min
Response: 5867098
Conc: 5.79 ng/ml



#24 AR-1248-4

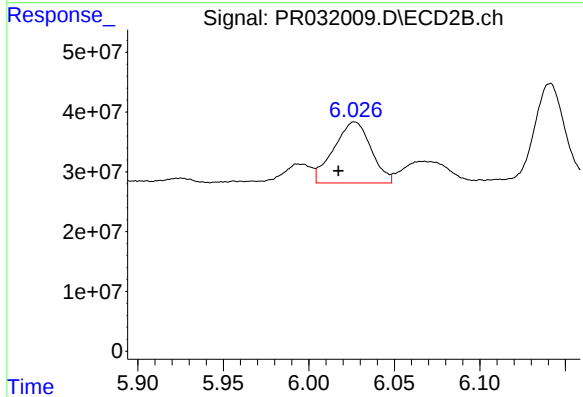
R.T.: 5.710 min
Delta R.T.: 0.019 min
Response: 11338358
Conc: 4.58 ng/ml



#25 AR-1248-5

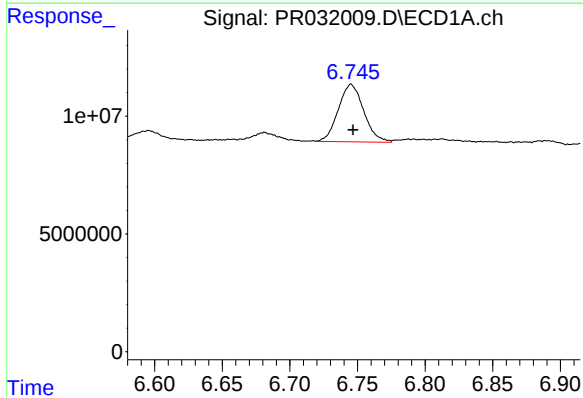
R.T.: 6.745 min
Delta R.T.: -0.046 min
Response: 31858146
Conc: 47.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



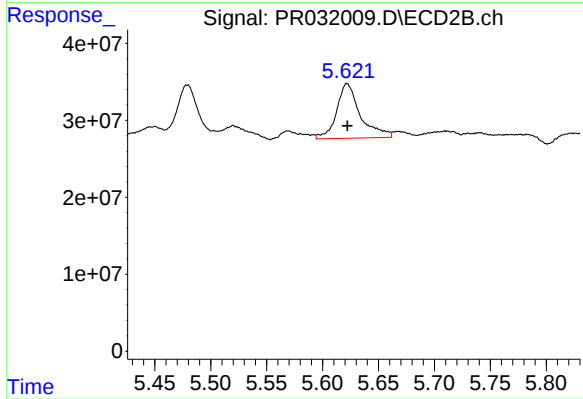
#25 AR-1248-5

R.T.: 6.027 min
Delta R.T.: 0.009 min
Response: 154919030
Conc: 97.06 ng/ml



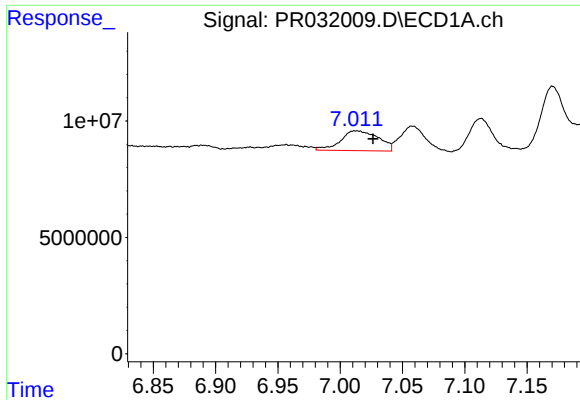
#26 AR-1254-1

R.T.: 6.745 min
Delta R.T.: -0.002 min
Response: 31858146
Conc: 16.93 ng/ml



#26 AR-1254-1

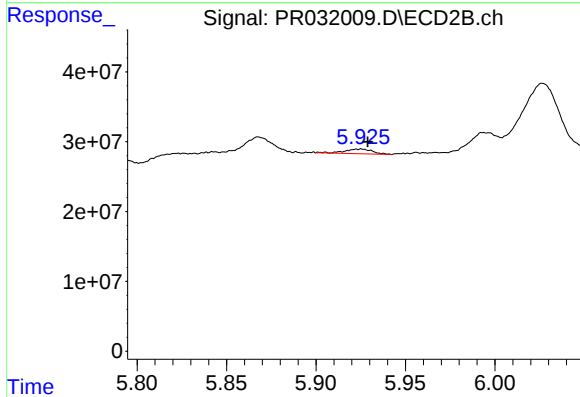
R.T.: 5.622 min
Delta R.T.: 0.000 min
Response: 104650088
Conc: 27.82 ng/ml



#27 AR-1254-2

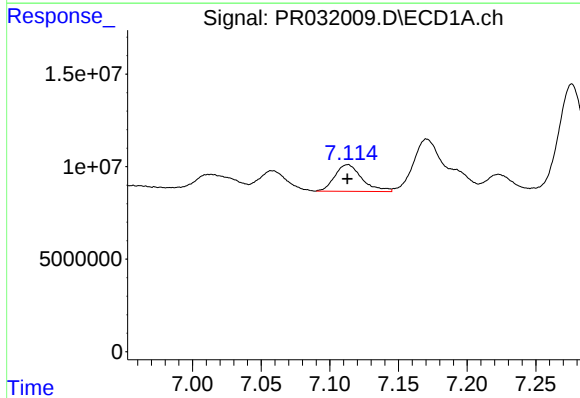
R.T.: 7.014 min
Delta R.T.: -0.013 min
Response: 17963889
Conc: 15.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



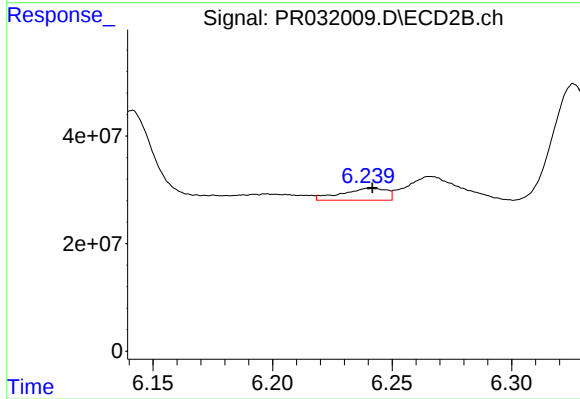
#27 AR-1254-2

R.T.: 5.925 min
Delta R.T.: -0.004 min
Response: 7337240
Conc: 2.55 ng/ml



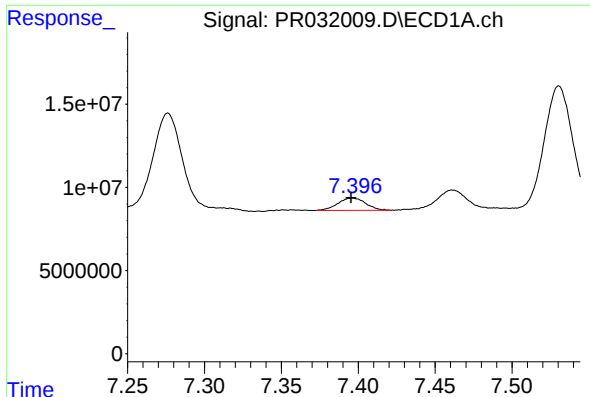
#28 AR-1254-3

R.T.: 7.113 min
Delta R.T.: 0.000 min
Response: 19919557
Conc: 9.56 ng/ml



#28 AR-1254-3

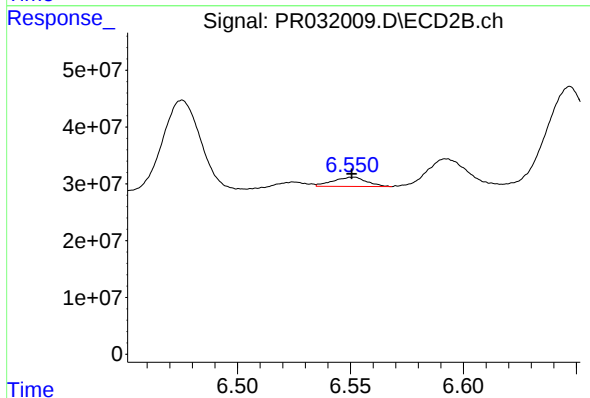
R.T.: 6.241 min
Delta R.T.: 0.000 min
Response: 29067594
Conc: 6.45 ng/ml



#29 AR-1254-4

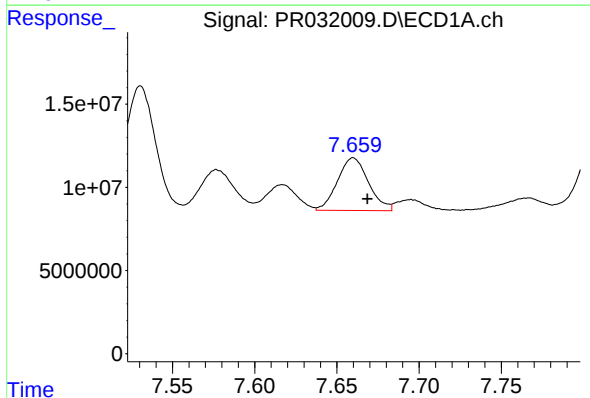
R.T.: 7.396 min
Delta R.T.: 0.000 min
Response: 9444618
Conc: 5.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



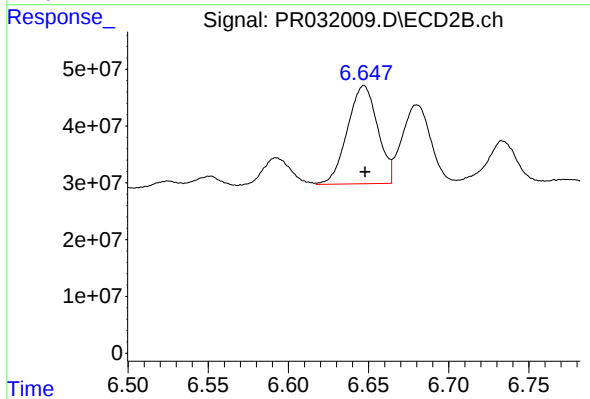
#29 AR-1254-4

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 16747257
Conc: 7.71 ng/ml



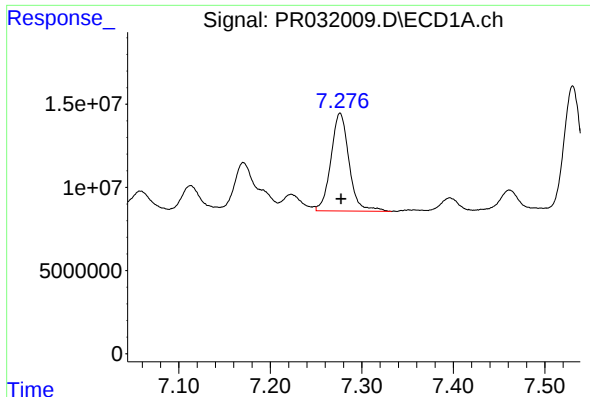
#30 AR-1254-5

R.T.: 7.660 min
Delta R.T.: -0.009 min
Response: 41570918
Conc: 36.30 ng/ml



#30 AR-1254-5

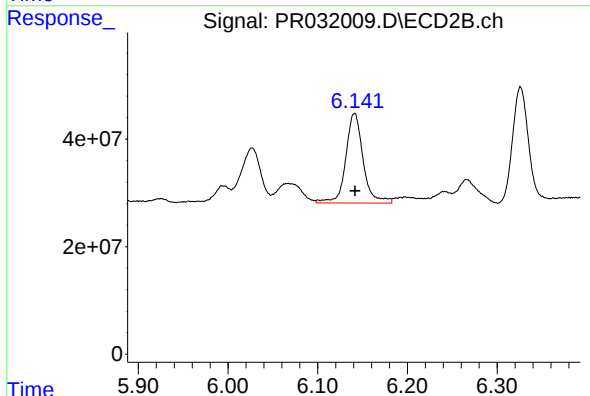
R.T.: 6.647 min
Delta R.T.: 0.000 min
Response: 226840674
Conc: 57.55 ng/ml



#31 AR-1260-1

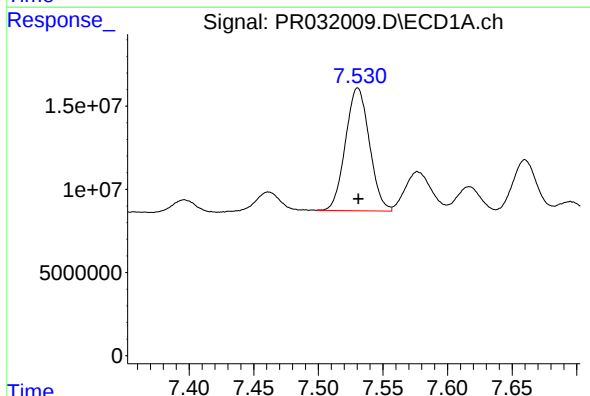
R.T.: 7.276 min
Delta R.T.: 0.000 min
Response: 80898613
Conc: 61.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



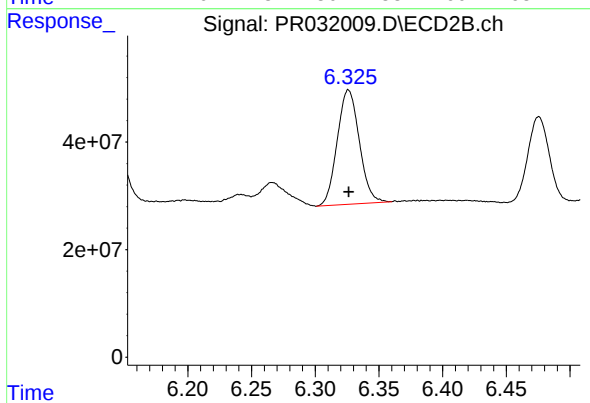
#31 AR-1260-1

R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 225048217
Conc: 64.78 ng/ml



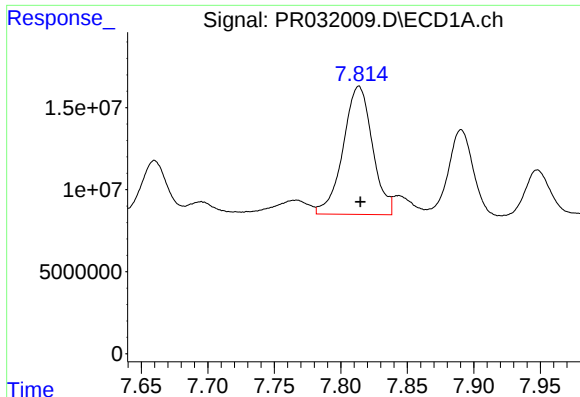
#32 AR-1260-2

R.T.: 7.531 min
Delta R.T.: 0.000 min
Response: 95351328
Conc: 59.65 ng/ml



#32 AR-1260-2

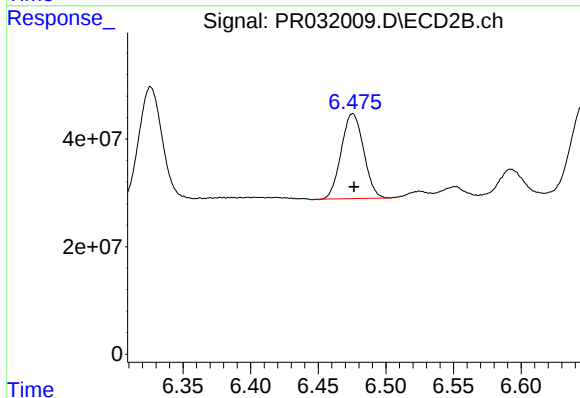
R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 256241632
Conc: 60.31 ng/ml



#33 AR-1260-3

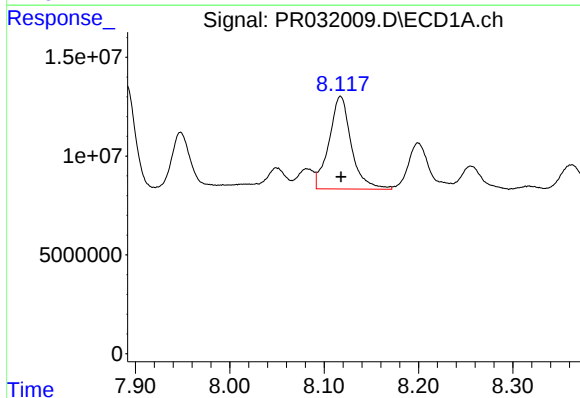
R.T.: 7.814 min
Delta R.T.: -0.001 min
Response: 119982173
Conc: 69.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



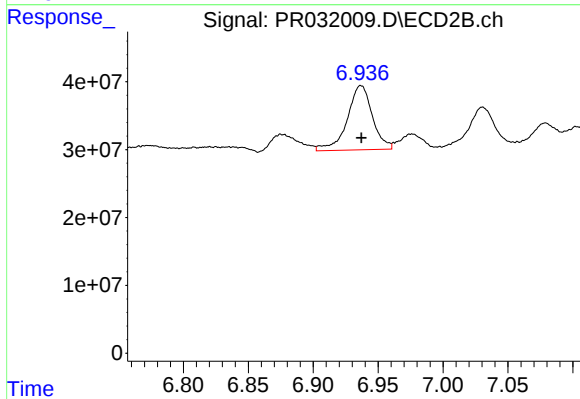
#33 AR-1260-3

R.T.: 6.475 min
Delta R.T.: -0.001 min
Response: 181896959
Conc: 54.38 ng/ml



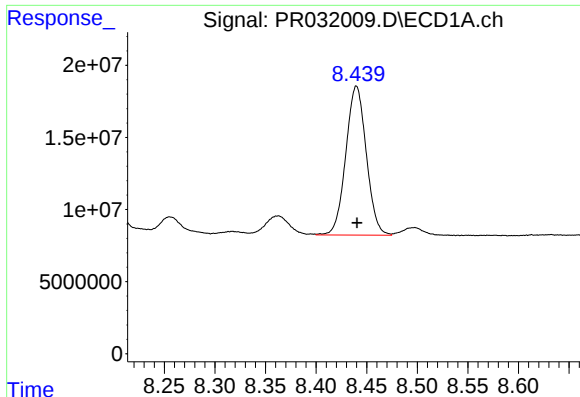
#34 AR-1260-4

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 77022601
Conc: 64.42 ng/ml



#34 AR-1260-4

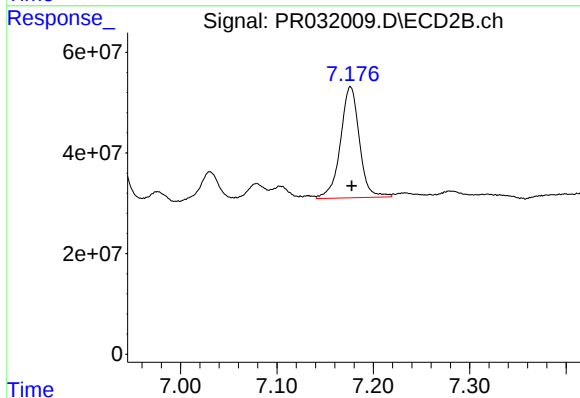
R.T.: 6.937 min
Delta R.T.: 0.000 min
Response: 127842218
Conc: 61.25 ng/ml



#35 AR-1260-5

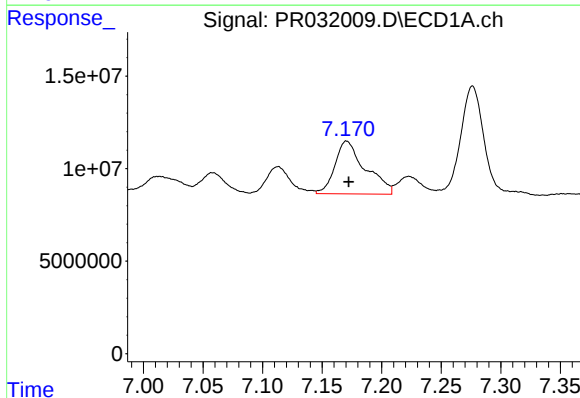
R.T.: 8.440 min
Delta R.T.: 0.000 min
Response: 145670478
Conc: 53.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



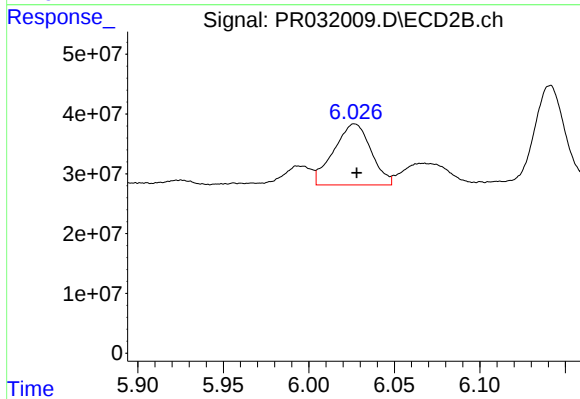
#35 AR-1260-5

R.T.: 7.176 min
Delta R.T.: -0.001 min
Response: 301081170
Conc: 68.29 ng/ml



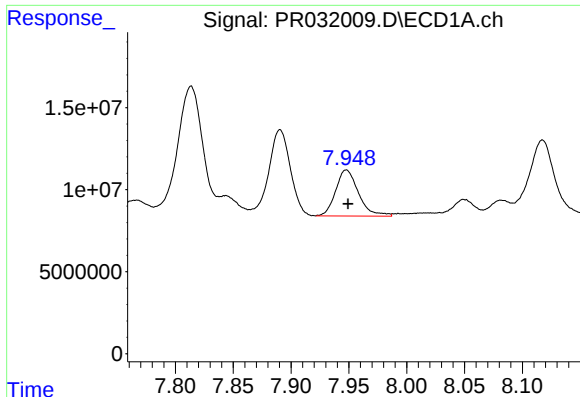
#36 AR-1262-1

R.T.: 7.170 min
Delta R.T.: -0.002 min
Response: 50857690
Conc: 72.92 ng/ml



#36 AR-1262-1

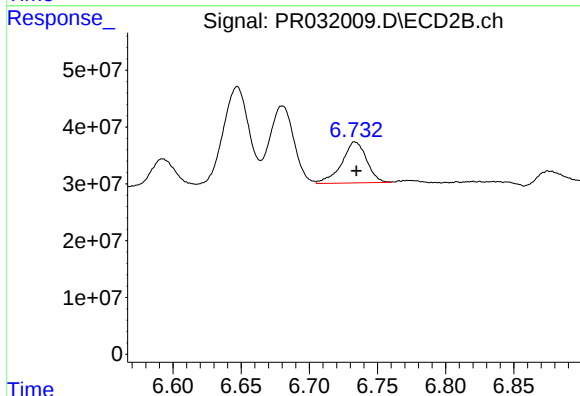
R.T.: 6.027 min
Delta R.T.: -0.001 min
Response: 154919030
Conc: 87.93 ng/ml



#37 AR-1262-2

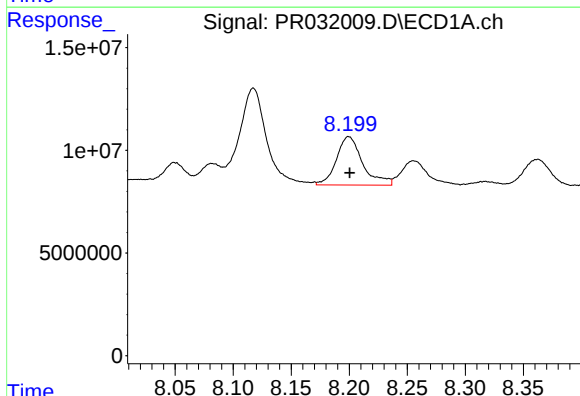
R.T.: 7.948 min
Delta R.T.: -0.001 min
Response: 38534305
Conc: 64.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



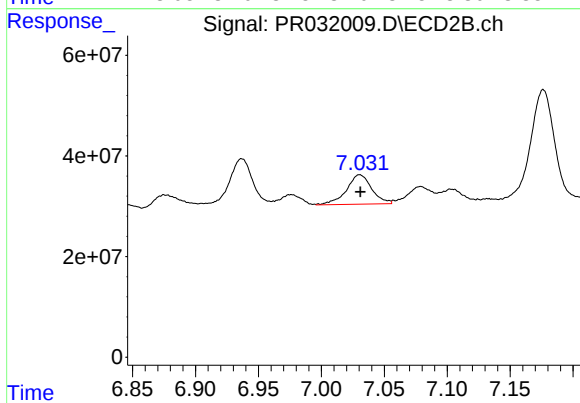
#37 AR-1262-2

R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 91540509
Conc: 67.17 ng/ml



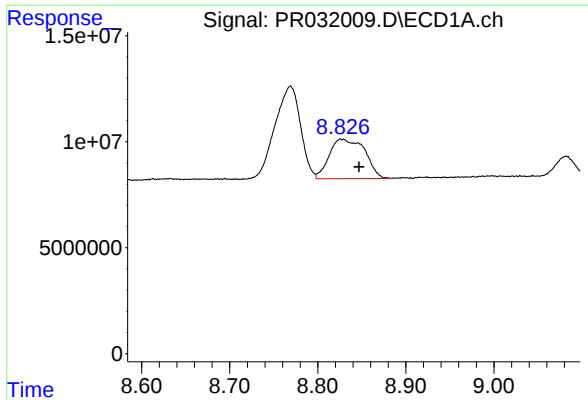
#38 AR-1262-3

R.T.: 8.200 min
Delta R.T.: 0.000 min
Response: 37112124
Conc: 74.81 ng/ml



#38 AR-1262-3

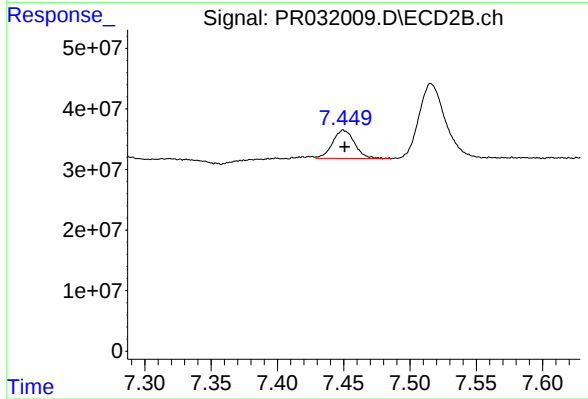
R.T.: 7.030 min
Delta R.T.: 0.000 min
Response: 82064198
Conc: 70.42 ng/ml



#39 AR-1262-4

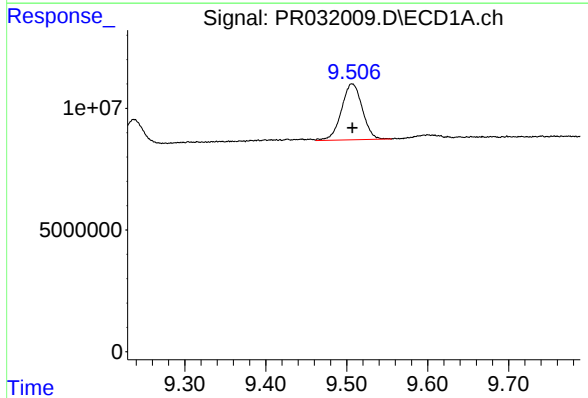
R.T.: 8.827 min
Delta R.T.: -0.021 min
Response: 52356916
Conc: 37.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



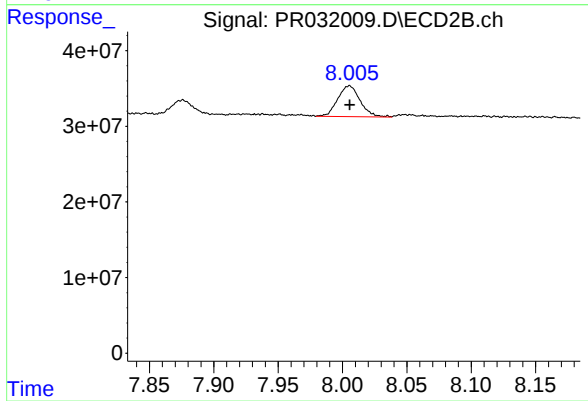
#39 AR-1262-4

R.T.: 7.450 min
Delta R.T.: 0.000 min
Response: 54375794
Conc: 36.55 ng/ml



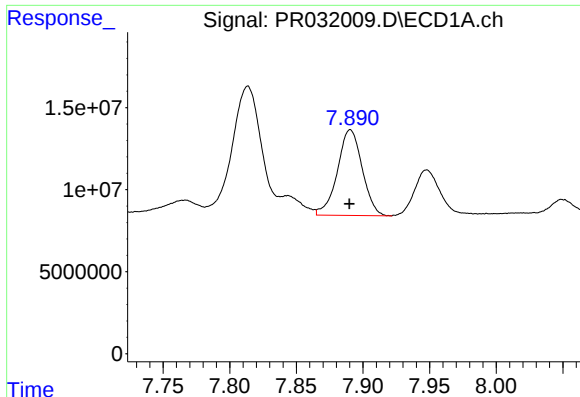
#40 AR-1262-5

R.T.: 9.507 min
Delta R.T.: 0.000 min
Response: 41136721
Conc: 37.38 ng/ml



#40 AR-1262-5

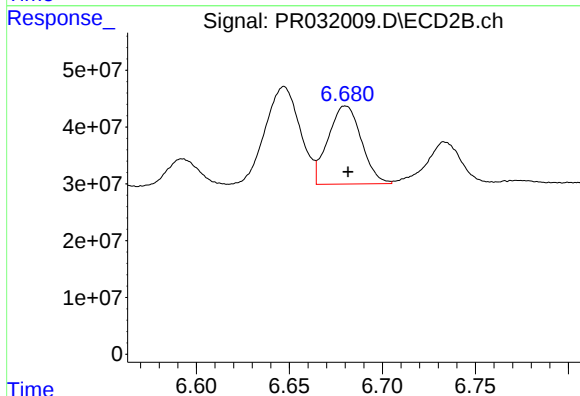
R.T.: 8.005 min
Delta R.T.: 0.000 min
Response: 49306118
Conc: 45.40 ng/ml



#41 AR-1268-1

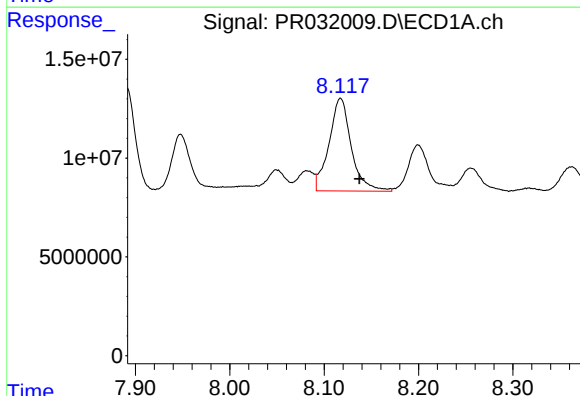
R.T.: 7.891 min
Delta R.T.: 0.000 min
Response: 67607593
Conc: 97.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



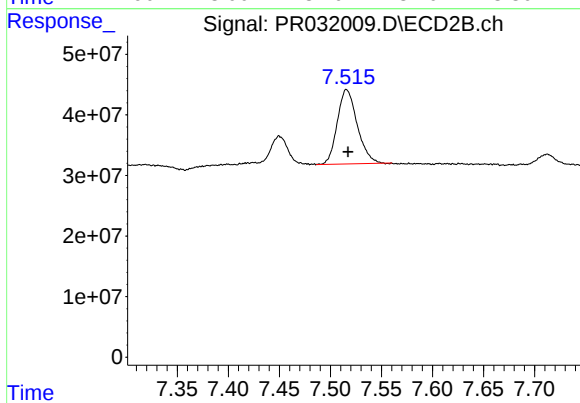
#41 AR-1268-1

R.T.: 6.680 min
Delta R.T.: -0.001 min
Response: 171334991
Conc: 111.58 ng/ml



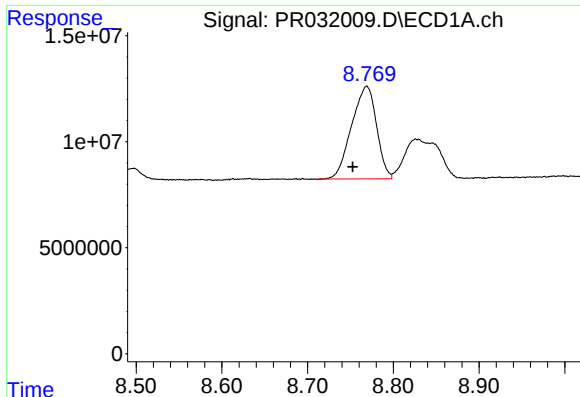
#42 AR-1268-2

R.T.: 8.117 min
Delta R.T.: -0.020 min
Response: 77022601
Conc: 87.55 ng/ml



#42 AR-1268-2

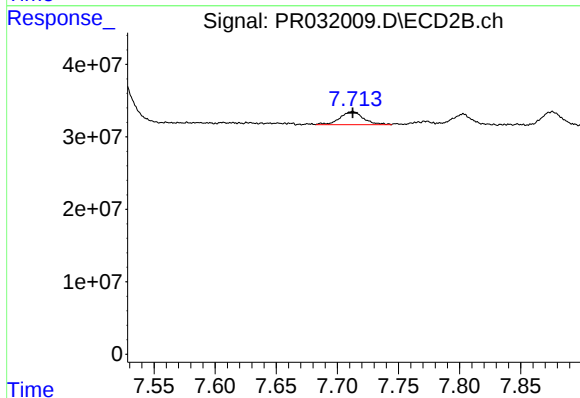
R.T.: 7.516 min
Delta R.T.: -0.001 min
Response: 167100309
Conc: 47.76 ng/ml



#43 AR-1268-3

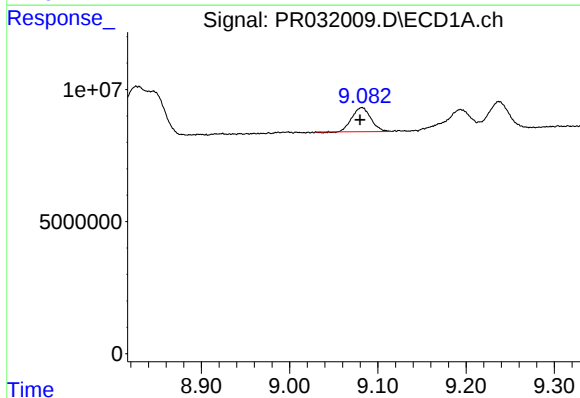
R.T.: 8.769 min
Delta R.T.: 0.016 min
Response: 88444083
Conc: 23.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



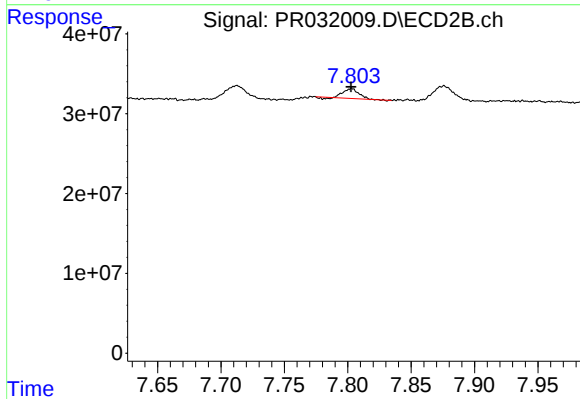
#43 AR-1268-3

R.T.: 7.712 min
Delta R.T.: 0.000 min
Response: 24113147
Conc: 8.54 ng/ml



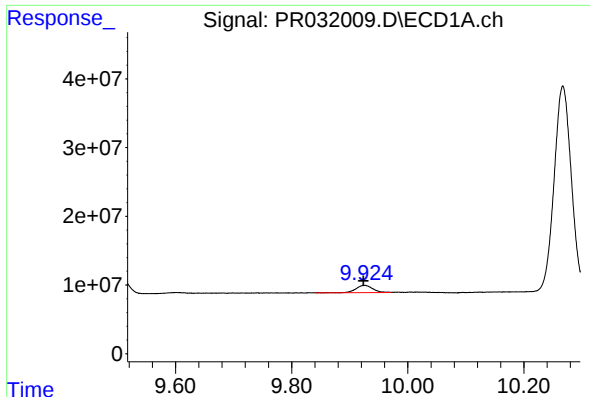
#44 AR-1268-4

R.T.: 9.082 min
Delta R.T.: 0.002 min
Response: 13483428
Conc: 4.41 ng/ml



#44 AR-1268-4

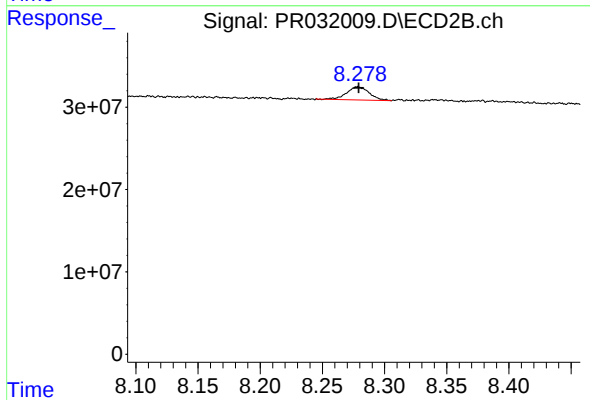
R.T.: 7.803 min
Delta R.T.: 0.000 min
Response: 9475801
Conc: 11.23 ng/ml



#45 AR-1268-5

R.T.: 9.925 min
Delta R.T.: 0.001 min
Response: 21782700
Conc: 2.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.278 min
Delta R.T.: 0.000 min
Response: 20310462
Conc: 2.87 ng/ml