

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091218\
 Data File : PR032006.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2018 14:44
 Operator : SM\SJ
 Sample : J4847-01MSD
 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: Sep 13 05:09:04 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	467.7E6	915.8E6	21.494	21.827
2)	SA Decachlor...	10.267	8.512	371.4E6	314.1E6	14.683	16.597
Target Compounds							
3)	L1 AR-1016-1	5.220	4.302	128.6E6	265.3E6	223.718	225.881
4)	L1 AR-1016-2	5.413	4.702	126.4E6	381.3E6	216.461	214.457
5)	L1 AR-1016-3	5.679	4.718	191.8E6	683.1E6	213.330	215.124
6)	L1 AR-1016-4	5.764	4.775	162.6E6	396.6E6	210.158	221.418
7)	L1 AR-1016-5	6.155	5.138	128.4E6	330.1E6	195.113	193.142
8)	L2 AR-1221-1	4.722	3.855	6823425	29609669	27.852	66.343 #
9)	L2 AR-1221-2	4.810	3.941	21039136	42325514	115.888	128.393
10)	L2 AR-1221-3	4.886	4.013	87578461	159.9E6	152.182	145.858
11)	L3 AR-1232-1	5.701	4.489	272.3E6	299.3E6	523.165	521.959
12)	L3 AR-1232-2	5.862	4.601	137.6E6	91775852	516.210	470.992
13)	L3 AR-1232-3	6.034	4.970	41893610	317.8E6	599.455	555.036
14)	L3 AR-1232-4	6.363	5.281	26316924	299.4E6	373.880	403.072
15)	L3 AR-1232-5	7.224	5.847	35722324	-866330	728.996	N.D. #
16)	L4 AR-1242-1	5.251	4.320	71795112	165.5E6	271.978	279.338
17)	L4 AR-1242-2	5.996	4.892	119.1E6	324.3E6	251.151	263.963
18)	L4 AR-1242-3	6.196	4.999	51918169	108.7E6	223.992	259.941
19)	L4 AR-1242-4	6.241	5.354	36420477	71628103	210.567	182.606
20)	L4 AR-1242-5	6.295	5.739	112.3E6	59768489	188.327	68.474 #
21)	L5 AR-1248-1	5.951	4.930	114.9E6	258.9E6	148.527	151.558
22)	L5 AR-1248-2	6.530	5.479	137.5E6	305.1E6	172.064	88.183 #
23)	L5 AR-1248-3	6.530	5.520	137.5E6	54876398	128.199	22.236 #
24)	L5 AR-1248-4	6.595	5.684	20273191	143.2E6	20.007	57.883 #
25)	L5 AR-1248-5	6.814	6.027	34137341	464.7E6	50.948	291.166 #
26)	L6 AR-1254-1	6.746	5.622	112.7E6	272.6E6	59.884	72.474
27)	L6 AR-1254-2	7.027	5.929	29674978	44699897	25.299	15.542 #
28)	L6 AR-1254-3	7.113	6.242	64334654	59149101	30.887	13.118 #
29)	L6 AR-1254-4	7.397	6.550	47518166	56620876	29.053	26.082
30)	L6 AR-1254-5	7.660	6.647	127.7E6	634.6E6	111.520	160.994 #
31)	L7 AR-1260-1	7.277	6.142	246.0E6	608.3E6	187.281	175.107
32)	L7 AR-1260-2	7.531	6.326	288.3E6	693.7E6	180.337	163.258
33)	L7 AR-1260-3	7.814	6.476	341.0E6	578.9E6	197.775	173.052
34)	L7 AR-1260-4	8.117	6.936	200.6E6	325.7E6	167.824	156.039
35)	L7 AR-1260-5	8.439	7.177	394.4E6	700.3E6	145.903	158.835
36)	L8 AR-1262-1	7.171	6.027	162.2E6	464.7E6	232.615	263.757
37)	L8 AR-1262-2	7.948	6.735	100.5E6	237.5E6	168.120	174.294
38)	L8 AR-1262-3	8.199	7.031	94236928	183.4E6	189.958	157.375
39)	L8 AR-1262-4	8.846	7.450	46899062	136.7E6	33.636	91.859 #
40)	L8 AR-1262-5	9.506	8.005	115.5E6	126.8E6	104.988	116.776
41)	L9 AR-1268-1	7.890	6.681	201.7E6	469.1E6	291.714	305.508

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 Operator : SM\SJ
 Sample : J4847-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

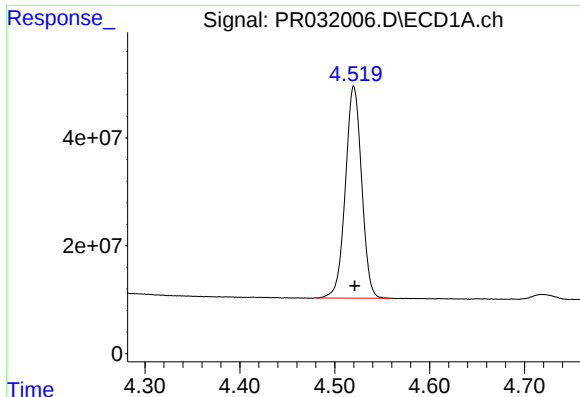
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 05:09:04 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	200.6E6	403.8E6	228.066	115.410 #
43) L9	AR-1268-3	8.769	7.712	238.0E6	21105930	64.189	7.471 #
44) L9	AR-1268-4	9.081	7.803	9222880	1402477	3.016	1.663 #
45) L9	AR-1268-5	9.924	8.279	37776771	44553548	3.986	6.289 #

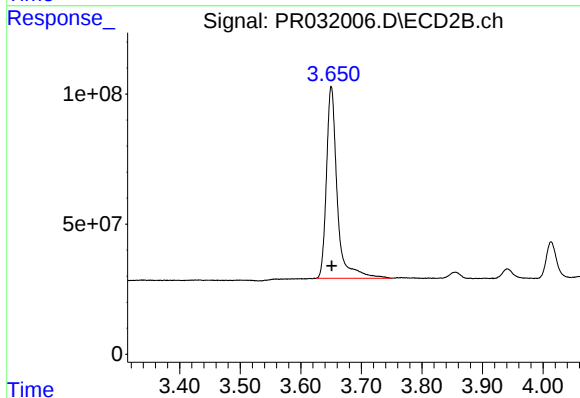
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

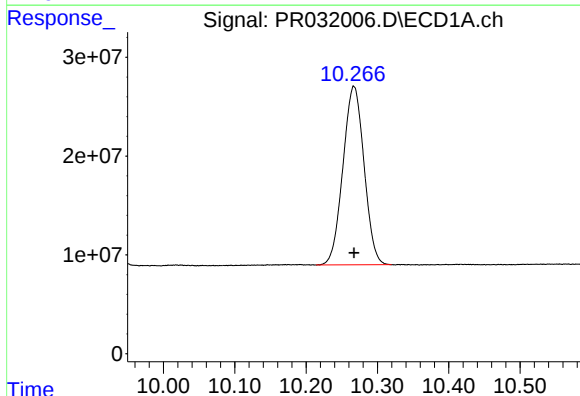
R.T.: 4.520 min
Delta R.T.: 0.000 min
Response: 467681539
Conc: 21.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



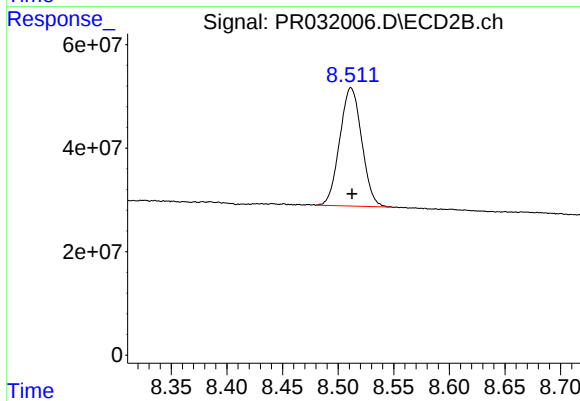
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 915799188
Conc: 21.83 ng/ml



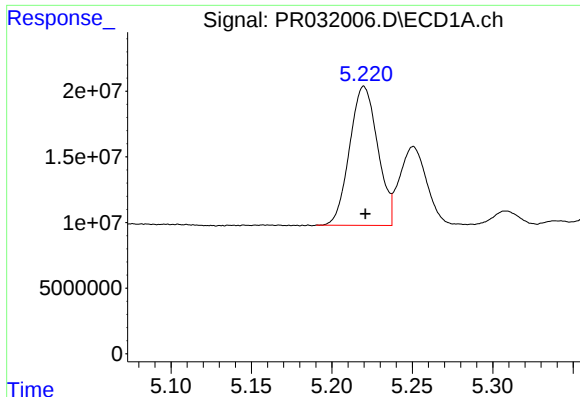
#2 Decachlorobiphenyl

R.T.: 10.267 min
Delta R.T.: 0.000 min
Response: 371433760
Conc: 14.68 ng/ml



#2 Decachlorobiphenyl

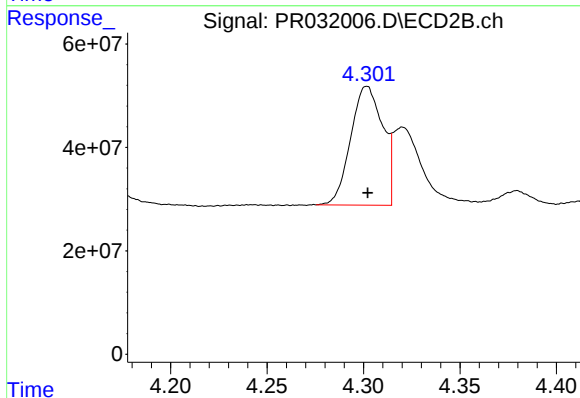
R.T.: 8.512 min
Delta R.T.: 0.000 min
Response: 314114327
Conc: 16.60 ng/ml



#3 AR-1016-1

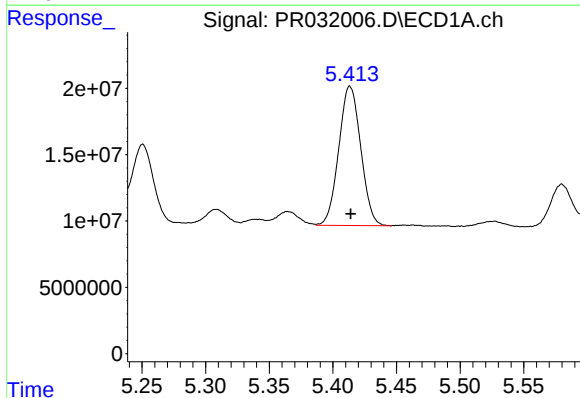
R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 128587076
Conc: 223.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



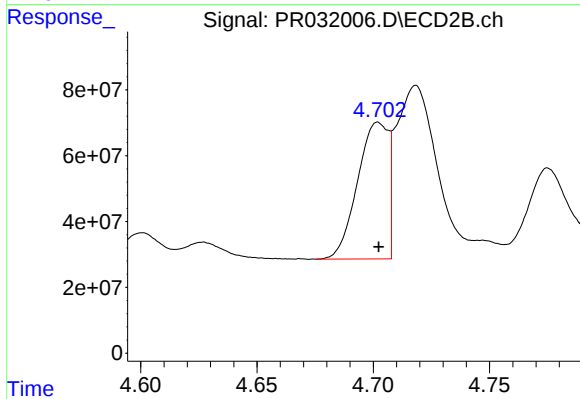
#3 AR-1016-1

R.T.: 4.302 min
Delta R.T.: 0.000 min
Response: 265340751
Conc: 225.88 ng/ml



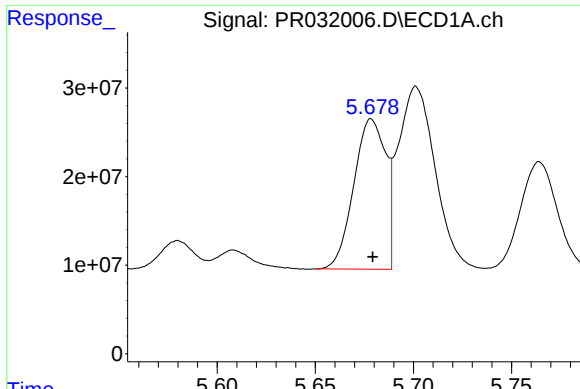
#4 AR-1016-2

R.T.: 5.413 min
Delta R.T.: 0.000 min
Response: 126381486
Conc: 216.46 ng/ml



#4 AR-1016-2

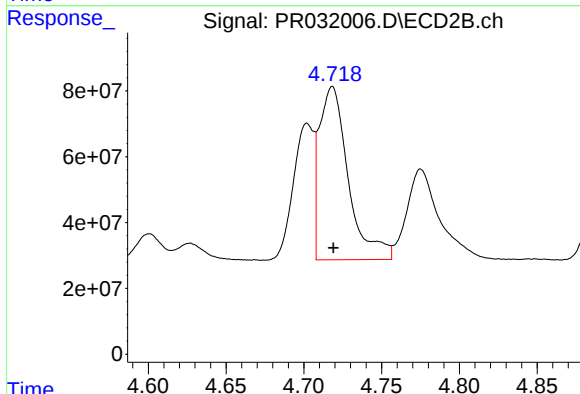
R.T.: 4.702 min
Delta R.T.: 0.000 min
Response: 381312926
Conc: 214.46 ng/ml



#5 AR-1016-3

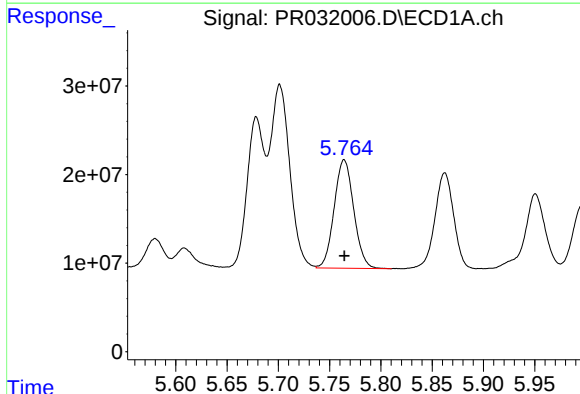
R.T.: 5.679 min
Delta R.T.: 0.000 min
Response: 191835167
Conc: 213.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



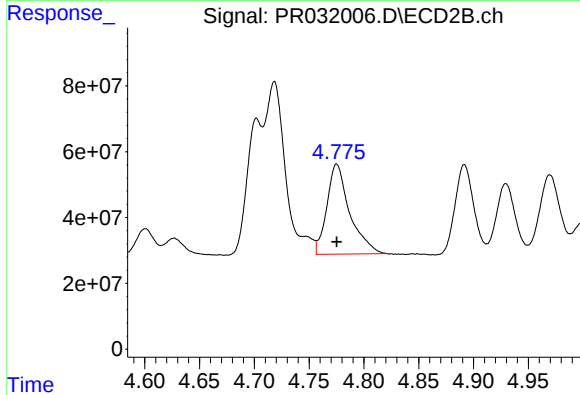
#5 AR-1016-3

R.T.: 4.718 min
Delta R.T.: 0.000 min
Response: 683149150
Conc: 215.12 ng/ml



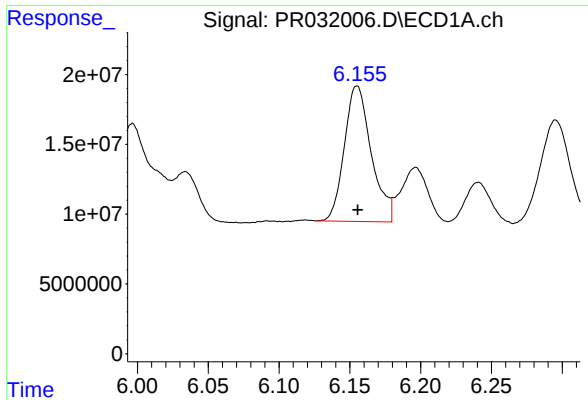
#6 AR-1016-4

R.T.: 5.764 min
Delta R.T.: 0.000 min
Response: 162623033
Conc: 210.16 ng/ml



#6 AR-1016-4

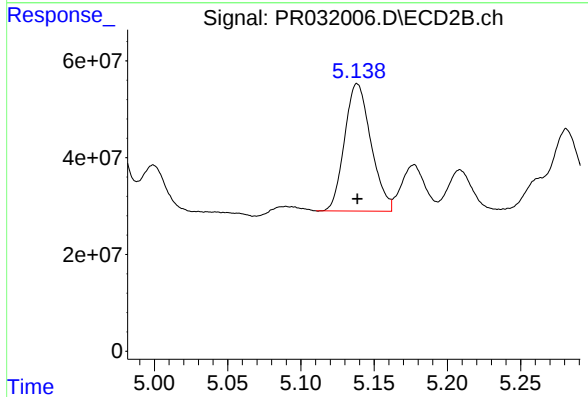
R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 396554900
Conc: 221.42 ng/ml



#7 AR-1016-5

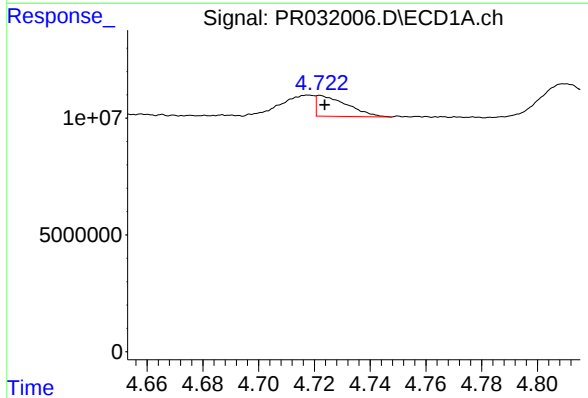
R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 128442385
Conc: 195.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



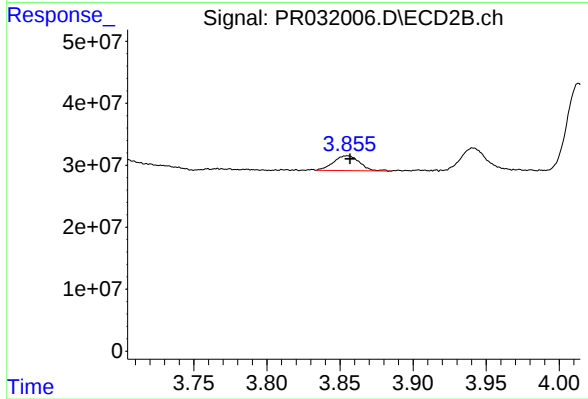
#7 AR-1016-5

R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 330085409
Conc: 193.14 ng/ml



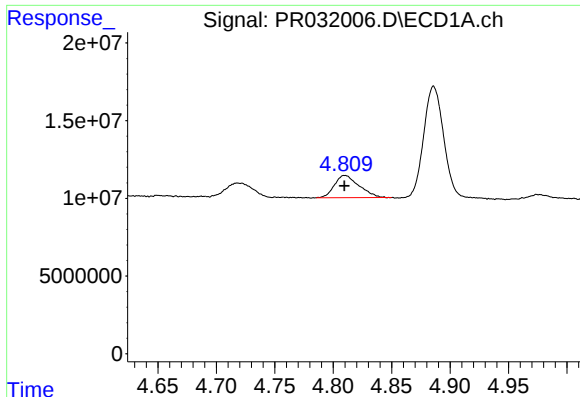
#8 AR-1221-1

R.T.: 4.722 min
Delta R.T.: -0.002 min
Response: 6823425
Conc: 27.85 ng/ml



#8 AR-1221-1

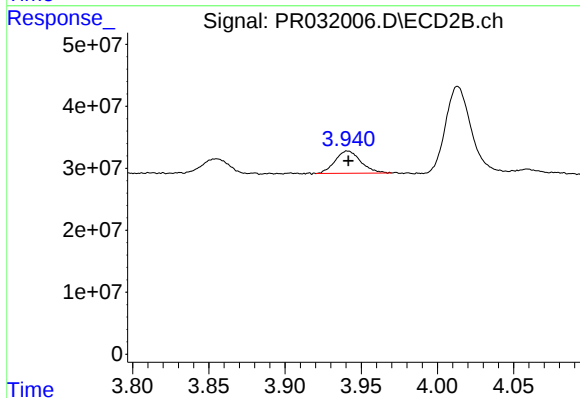
R.T.: 3.855 min
Delta R.T.: -0.002 min
Response: 29609669
Conc: 66.34 ng/ml



#9 AR-1221-2

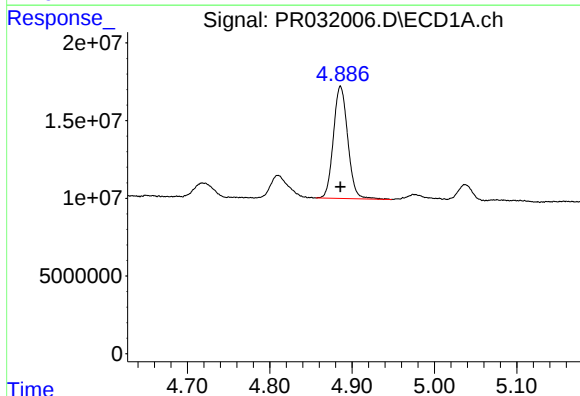
R.T.: 4.810 min
Delta R.T.: 0.000 min
Response: 21039136
Conc: 115.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



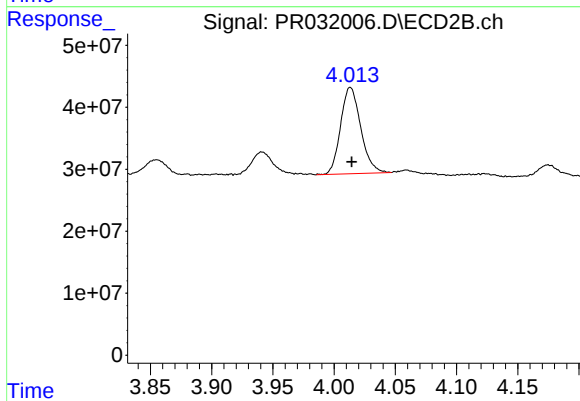
#9 AR-1221-2

R.T.: 3.941 min
Delta R.T.: 0.000 min
Response: 42325514
Conc: 128.39 ng/ml



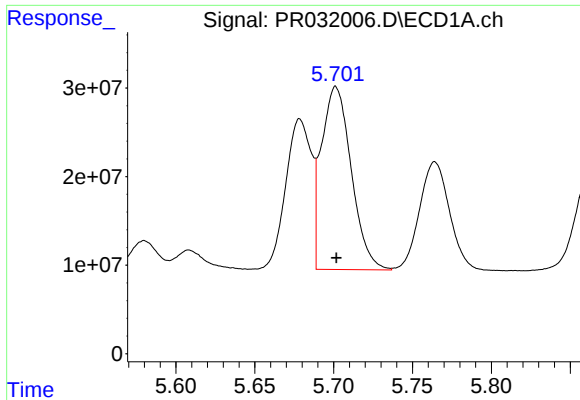
#10 AR-1221-3

R.T.: 4.886 min
Delta R.T.: 0.000 min
Response: 87578461
Conc: 152.18 ng/ml



#10 AR-1221-3

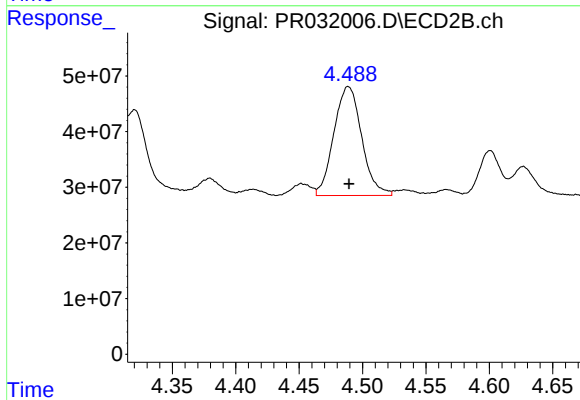
R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 159919888
Conc: 145.86 ng/ml



#11 AR-1232-1

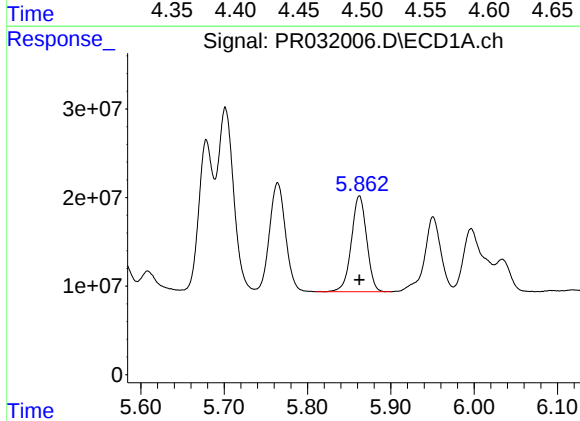
R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 272272325
Conc: 523.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



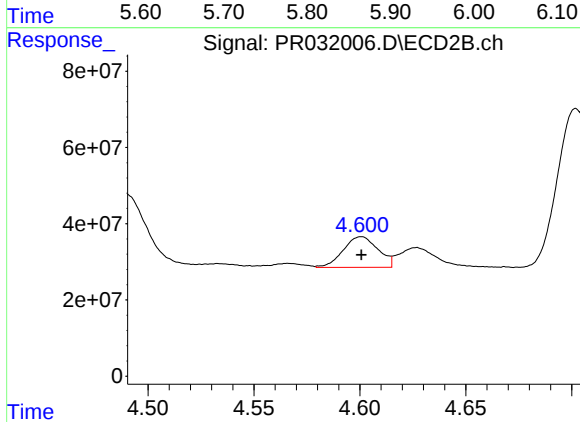
#11 AR-1232-1

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 299334731
Conc: 521.96 ng/ml



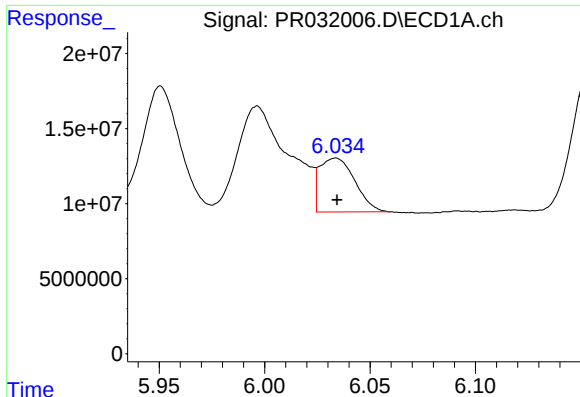
#12 AR-1232-2

R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 137609057
Conc: 516.21 ng/ml



#12 AR-1232-2

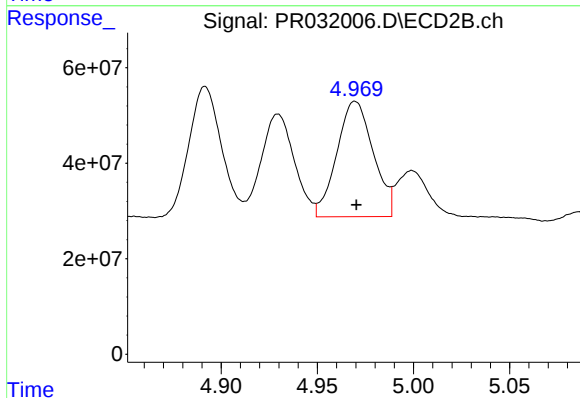
R.T.: 4.601 min
Delta R.T.: 0.000 min
Response: 91775852
Conc: 470.99 ng/ml



#13 AR-1232-3

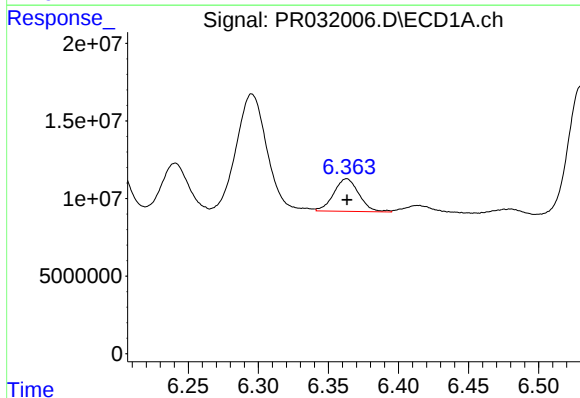
R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 41893610
Conc: 599.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



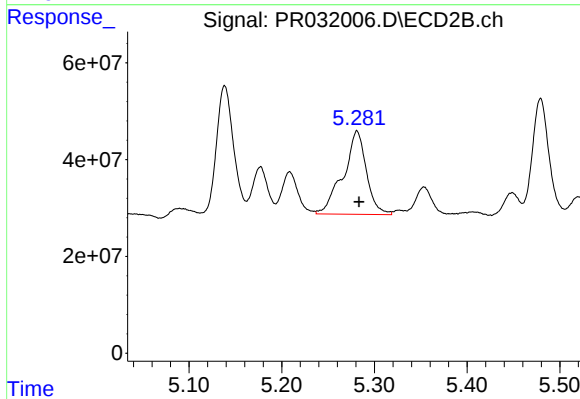
#13 AR-1232-3

R.T.: 4.970 min
Delta R.T.: 0.000 min
Response: 317824297
Conc: 555.04 ng/ml



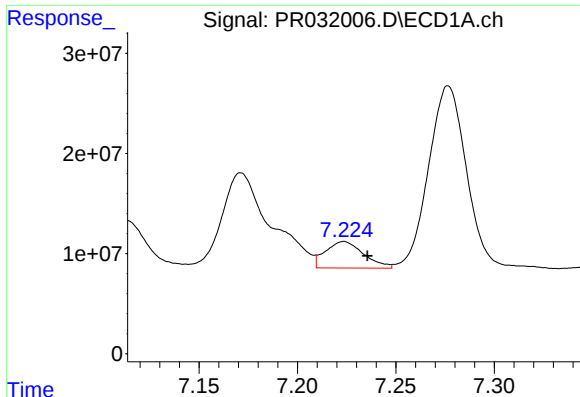
#14 AR-1232-4

R.T.: 6.363 min
Delta R.T.: 0.000 min
Response: 26316924
Conc: 373.88 ng/ml



#14 AR-1232-4

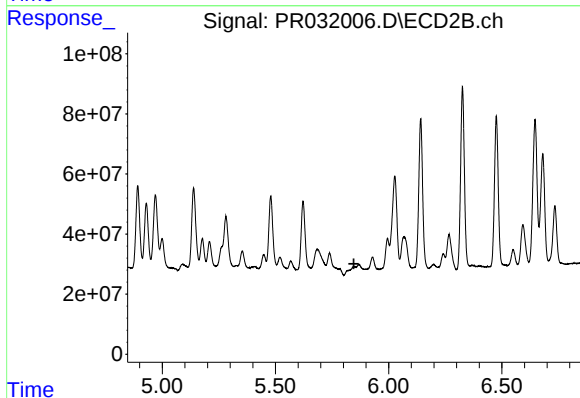
R.T.: 5.281 min
Delta R.T.: -0.002 min
Response: 299435263
Conc: 403.07 ng/ml



#15 AR-1232-5

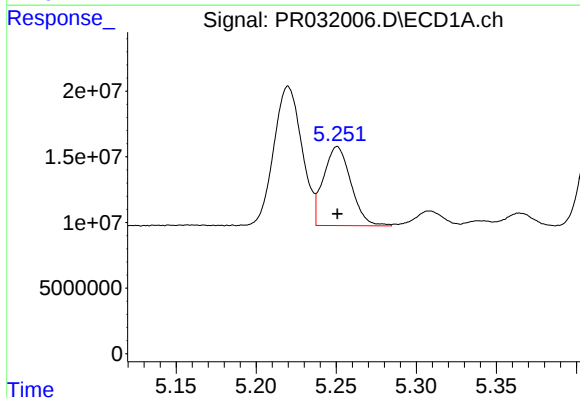
R.T.: 7.224 min
Delta R.T.: -0.012 min
Response: 35722324
Conc: 729.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



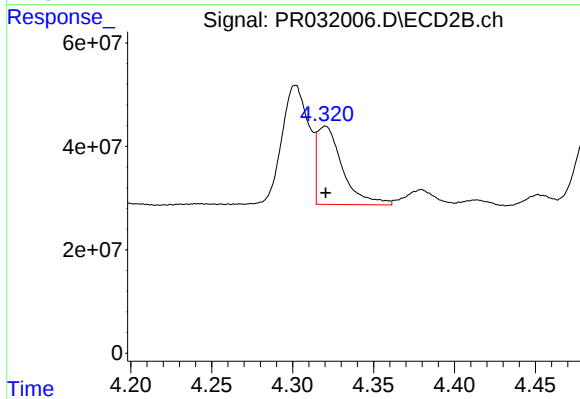
#15 AR-1232-5

R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: -866330
Conc: N.D.



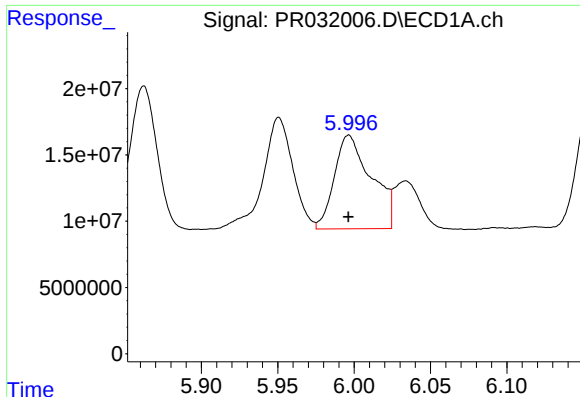
#16 AR-1242-1

R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 71795112
Conc: 271.98 ng/ml



#16 AR-1242-1

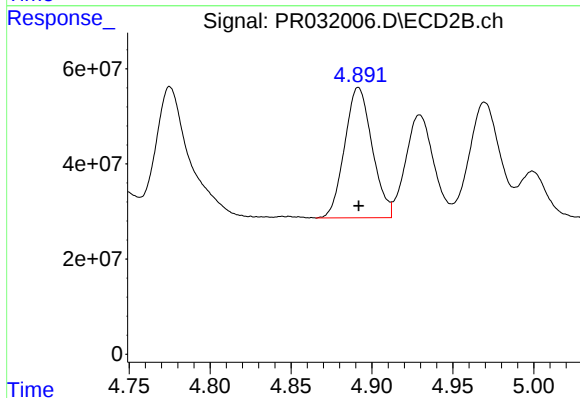
R.T.: 4.320 min
Delta R.T.: 0.000 min
Response: 165510015
Conc: 279.34 ng/ml



#17 AR-1242-2

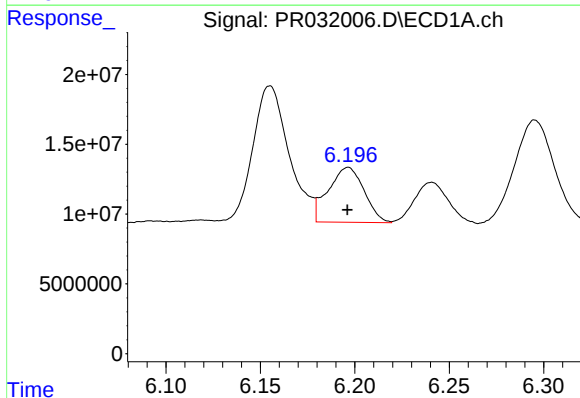
R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 119146605
Conc: 251.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



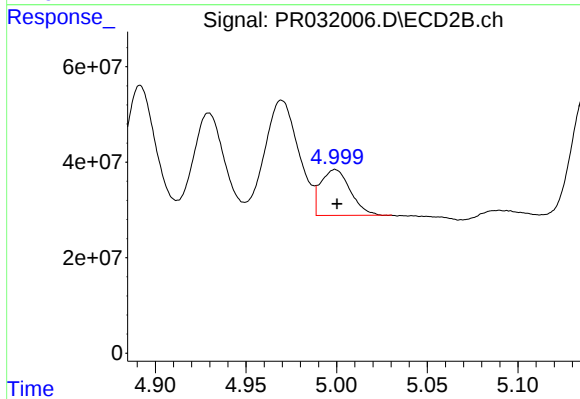
#17 AR-1242-2

R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 324283058
Conc: 263.96 ng/ml



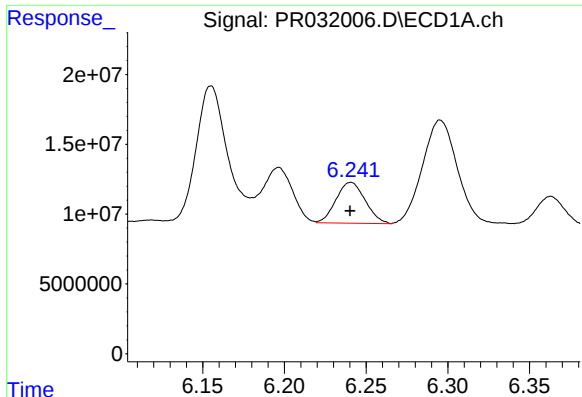
#18 AR-1242-3

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 51918169
Conc: 223.99 ng/ml



#18 AR-1242-3

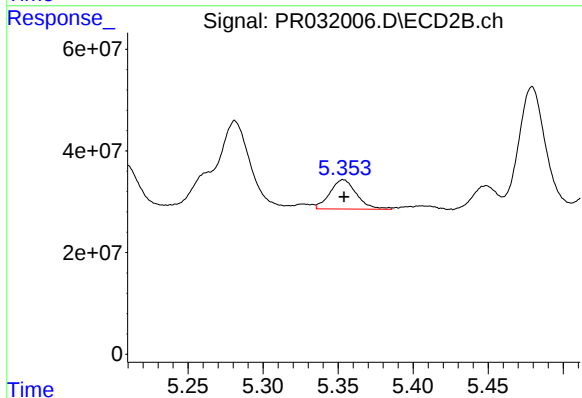
R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 108738500
Conc: 259.94 ng/ml



#19 AR-1242-4

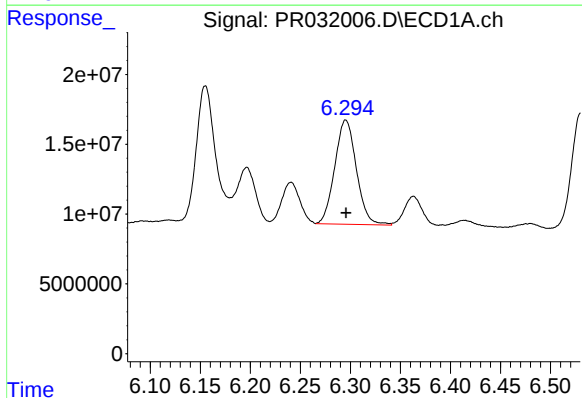
R.T.: 6.241 min
Delta R.T.: 0.000 min
Response: 36420477
Conc: 210.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



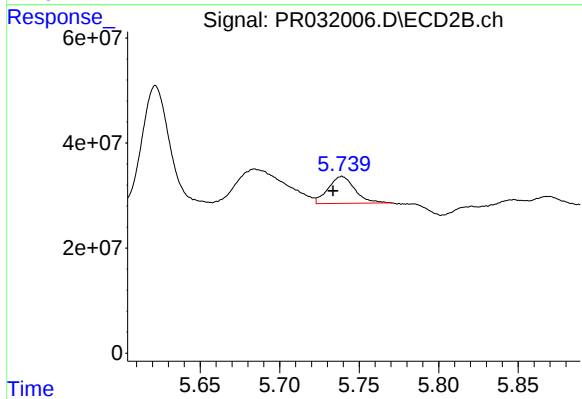
#19 AR-1242-4

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 71628103
Conc: 182.61 ng/ml



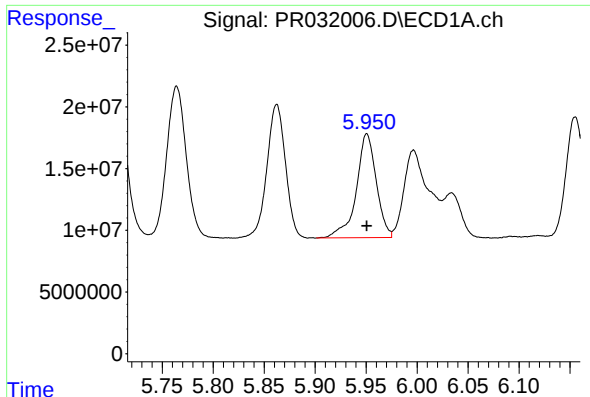
#20 AR-1242-5

R.T.: 6.295 min
Delta R.T.: 0.000 min
Response: 112348512
Conc: 188.33 ng/ml



#20 AR-1242-5

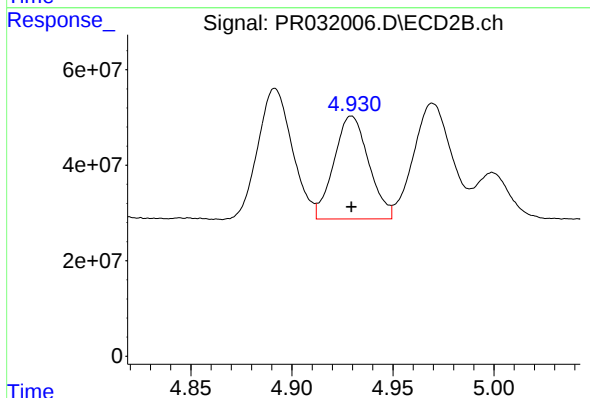
R.T.: 5.739 min
Delta R.T.: 0.005 min
Response: 59768489
Conc: 68.47 ng/ml



#21 AR-1248-1

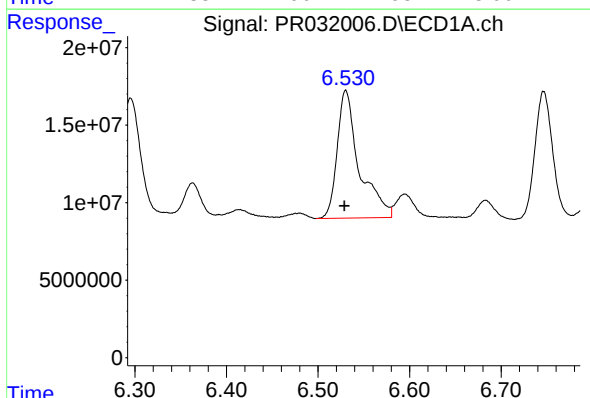
R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 114879528
Conc: 148.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



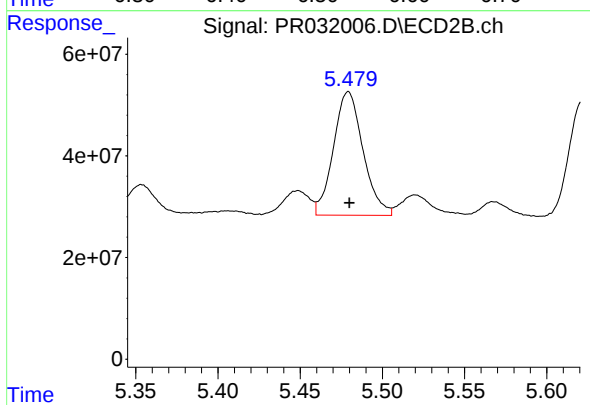
#21 AR-1248-1

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 258915641
Conc: 151.56 ng/ml



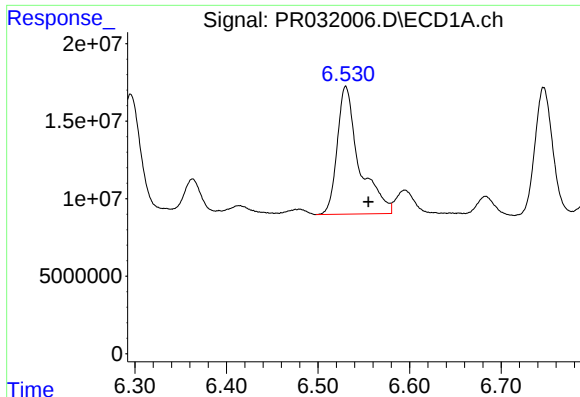
#22 AR-1248-2

R.T.: 6.530 min
Delta R.T.: 0.002 min
Response: 137547624
Conc: 172.06 ng/ml



#22 AR-1248-2

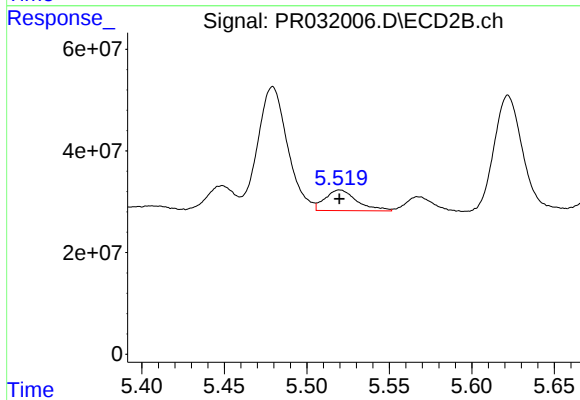
R.T.: 5.479 min
Delta R.T.: 0.000 min
Response: 305107812
Conc: 88.18 ng/ml



#23 AR-1248-3

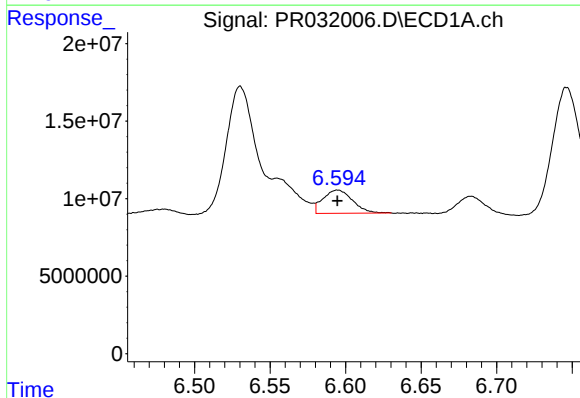
R.T.: 6.530 min
Delta R.T.: -0.025 min
Response: 137547624
Conc: 128.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



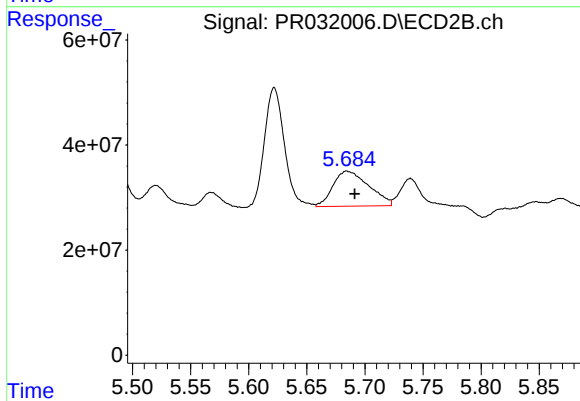
#23 AR-1248-3

R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 54876398
Conc: 22.24 ng/ml



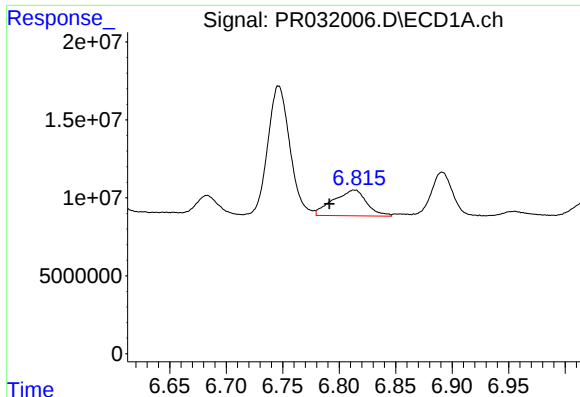
#24 AR-1248-4

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 20273191
Conc: 20.01 ng/ml



#24 AR-1248-4

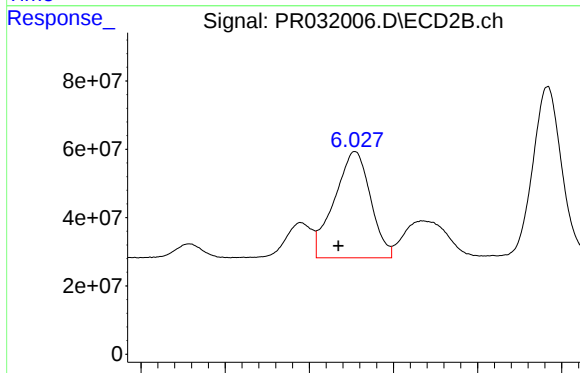
R.T.: 5.684 min
Delta R.T.: -0.007 min
Response: 143229816
Conc: 57.88 ng/ml



#25 AR-1248-5

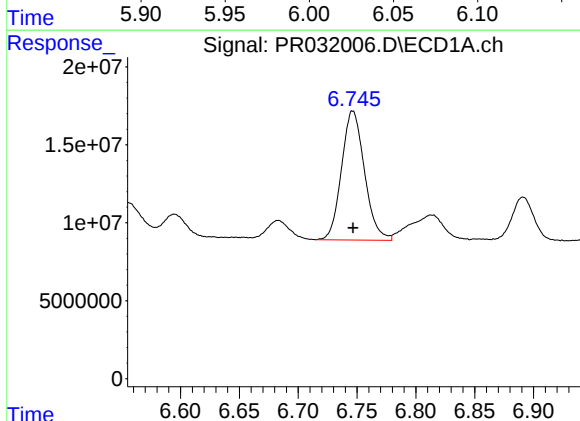
R.T.: 6.814 min
Delta R.T.: 0.022 min
Response: 34137341
Conc: 50.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



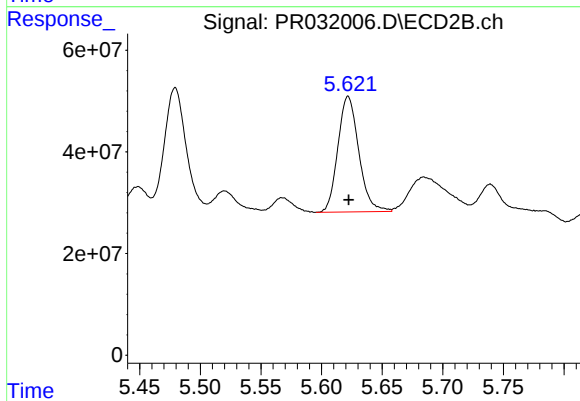
#25 AR-1248-5

R.T.: 6.027 min
Delta R.T.: 0.010 min
Response: 464723317
Conc: 291.17 ng/ml



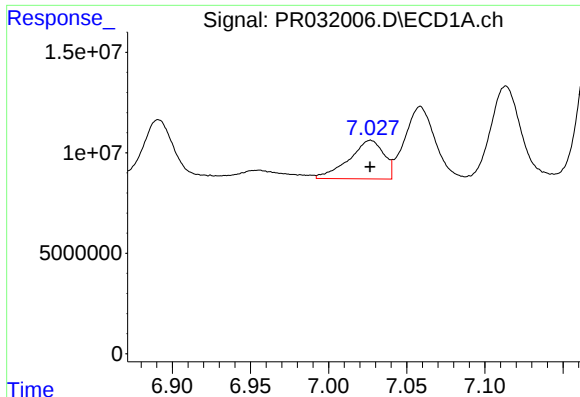
#26 AR-1254-1

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 112704600
Conc: 59.88 ng/ml



#26 AR-1254-1

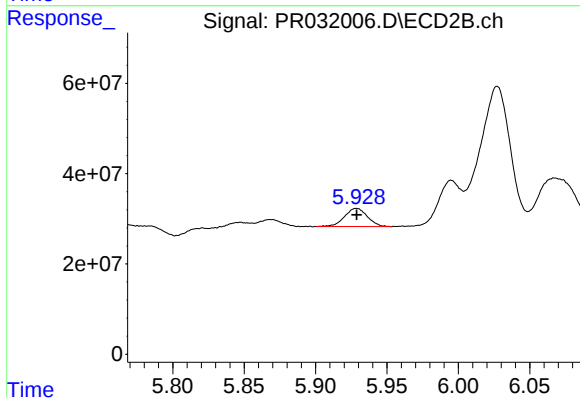
R.T.: 5.622 min
Delta R.T.: 0.000 min
Response: 272598524
Conc: 72.47 ng/ml



#27 AR-1254-2

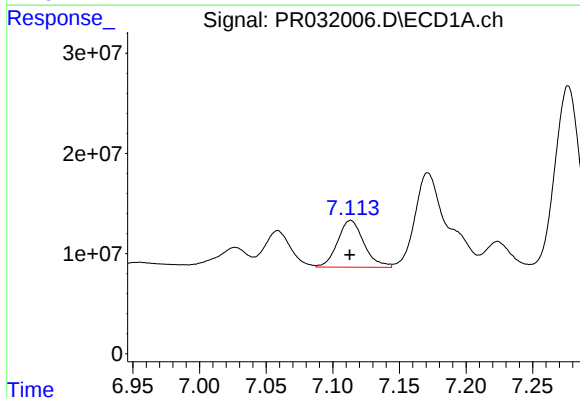
R.T.: 7.027 min
Delta R.T.: 0.000 min
Response: 29674978
Conc: 25.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



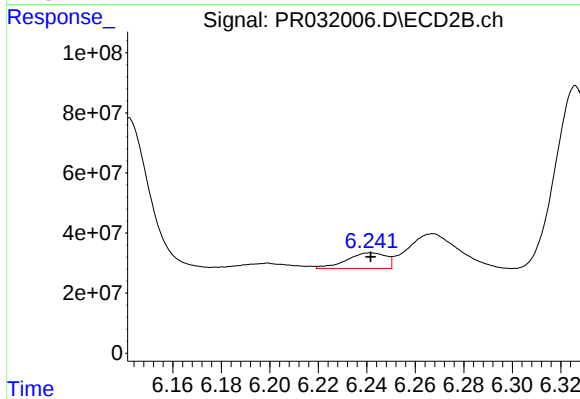
#27 AR-1254-2

R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 44699897
Conc: 15.54 ng/ml



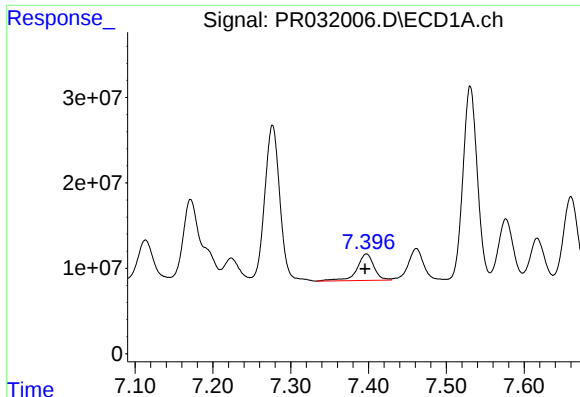
#28 AR-1254-3

R.T.: 7.113 min
Delta R.T.: 0.000 min
Response: 64334654
Conc: 30.89 ng/ml



#28 AR-1254-3

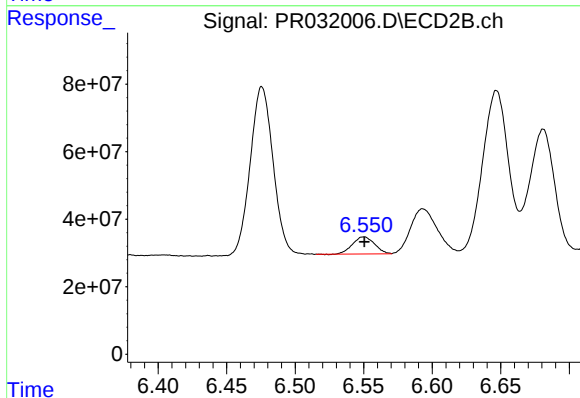
R.T.: 6.242 min
Delta R.T.: 0.000 min
Response: 59149101
Conc: 13.12 ng/ml



#29 AR-1254-4

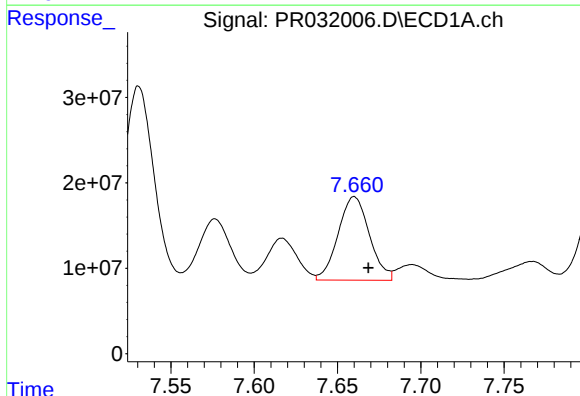
R.T.: 7.397 min
Delta R.T.: 0.002 min
Response: 47518166
Conc: 29.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



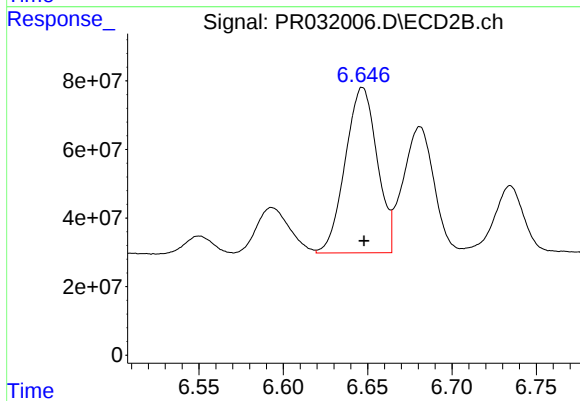
#29 AR-1254-4

R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 56620876
Conc: 26.08 ng/ml



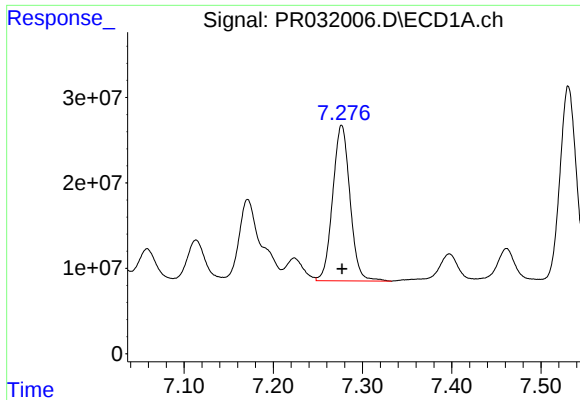
#30 AR-1254-5

R.T.: 7.660 min
Delta R.T.: -0.008 min
Response: 127718704
Conc: 111.52 ng/ml



#30 AR-1254-5

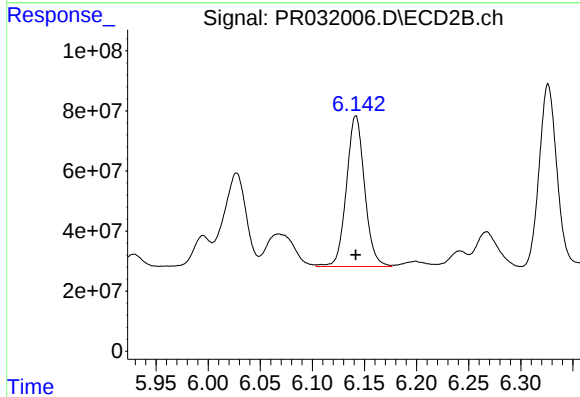
R.T.: 6.647 min
Delta R.T.: 0.000 min
Response: 634553889
Conc: 160.99 ng/ml



#31 AR-1260-1

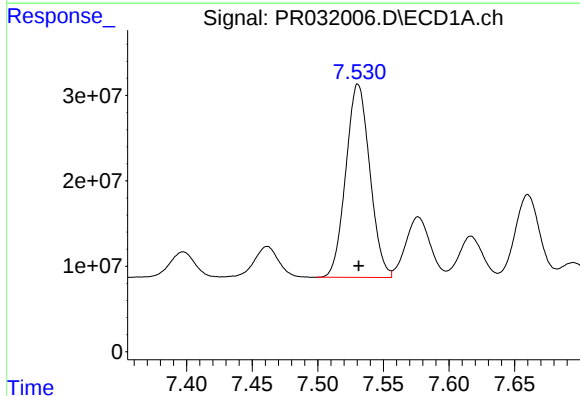
R.T.: 7.277 min
Delta R.T.: 0.000 min
Response: 245959096
Conc: 187.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



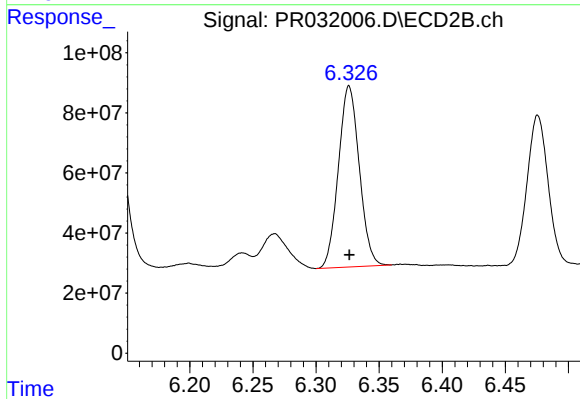
#31 AR-1260-1

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 608299236
Conc: 175.11 ng/ml



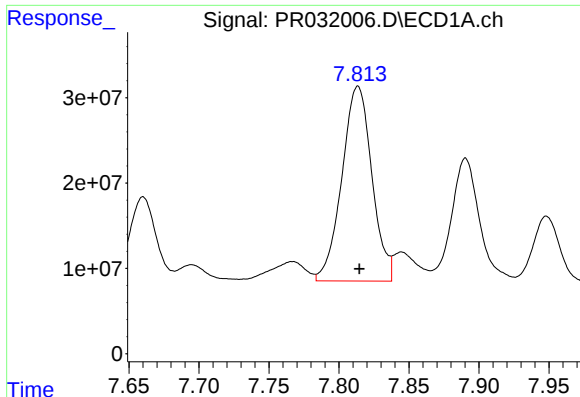
#32 AR-1260-2

R.T.: 7.531 min
Delta R.T.: 0.000 min
Response: 288267632
Conc: 180.34 ng/ml



#32 AR-1260-2

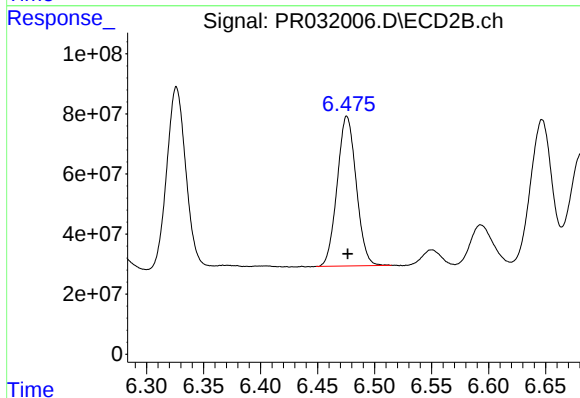
R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 693685266
Conc: 163.26 ng/ml



#33 AR-1260-3

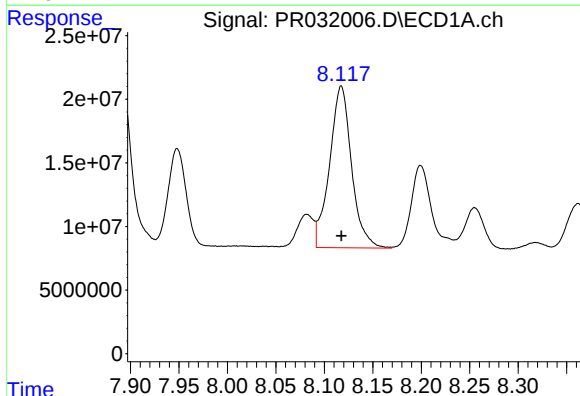
R.T.: 7.814 min
Delta R.T.: -0.001 min
Response: 340952068
Conc: 197.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



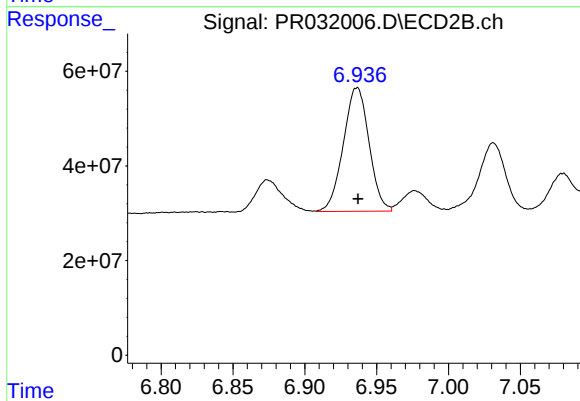
#33 AR-1260-3

R.T.: 6.476 min
Delta R.T.: 0.000 min
Response: 578859513
Conc: 173.05 ng/ml



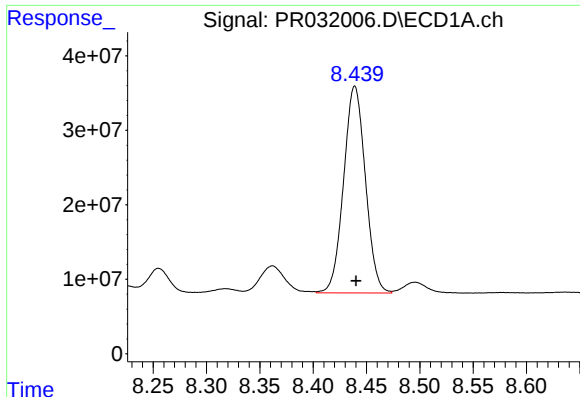
#34 AR-1260-4

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 200645728
Conc: 167.82 ng/ml



#34 AR-1260-4

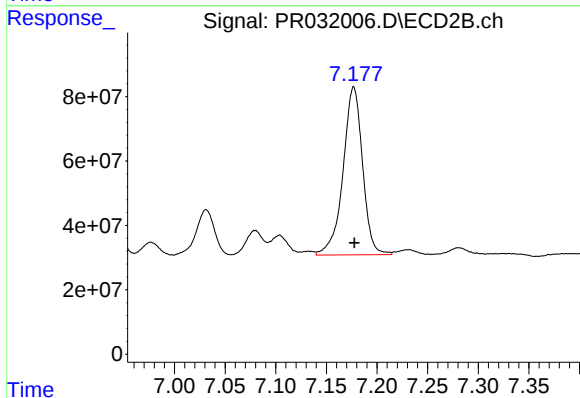
R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 325689894
Conc: 156.04 ng/ml



#35 AR-1260-5

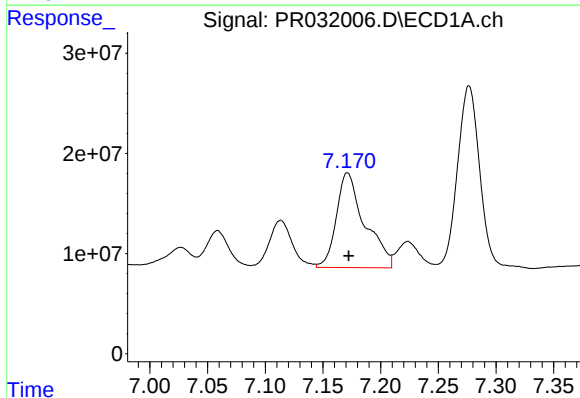
R.T.: 8.439 min
Delta R.T.: -0.001 min
Response: 394364991
Conc: 145.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



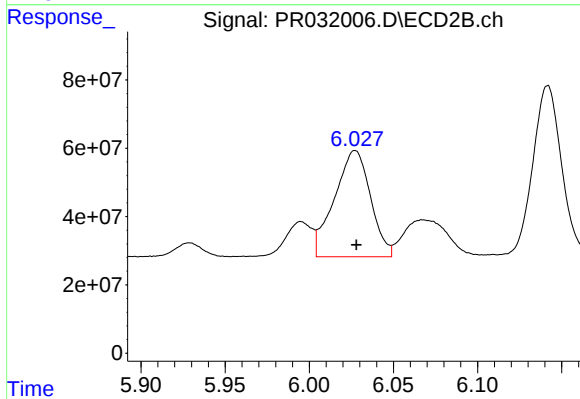
#35 AR-1260-5

R.T.: 7.177 min
Delta R.T.: 0.000 min
Response: 700274578
Conc: 158.83 ng/ml



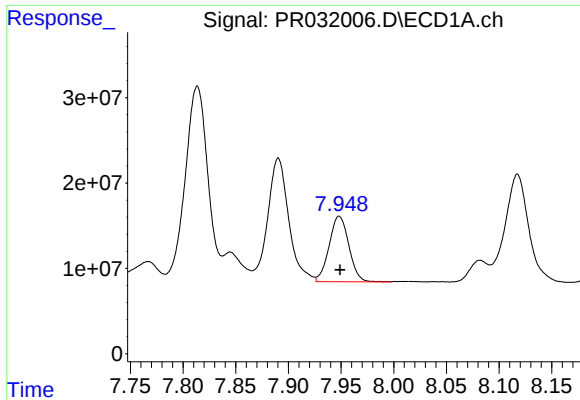
#36 AR-1262-1

R.T.: 7.171 min
Delta R.T.: -0.001 min
Response: 162243583
Conc: 232.62 ng/ml



#36 AR-1262-1

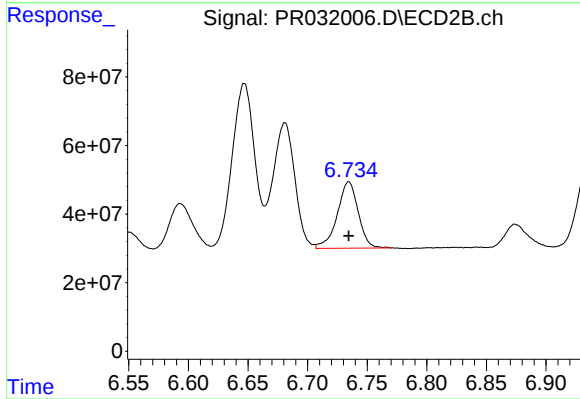
R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 464723317
Conc: 263.76 ng/ml



#37 AR-1262-2

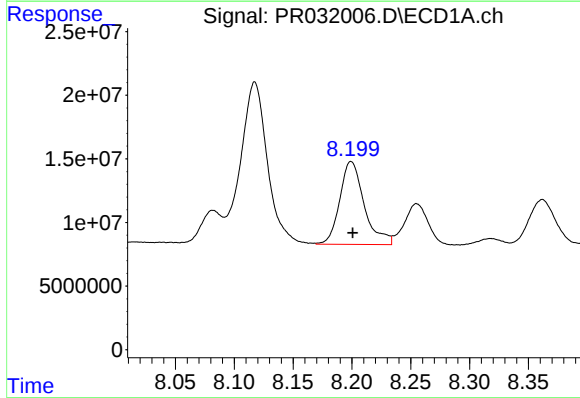
R.T.: 7.948 min
Delta R.T.: -0.001 min
Response: 100475621
Conc: 168.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



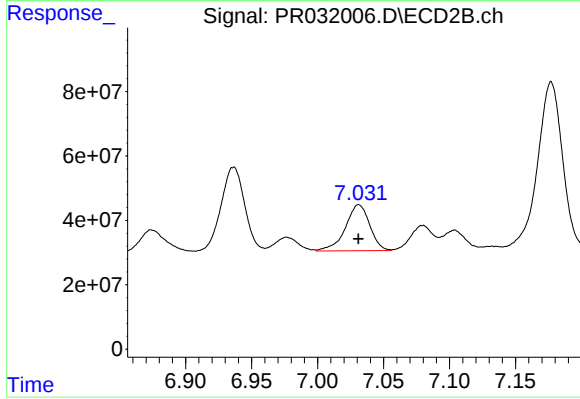
#37 AR-1262-2

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 237525806
Conc: 174.29 ng/ml



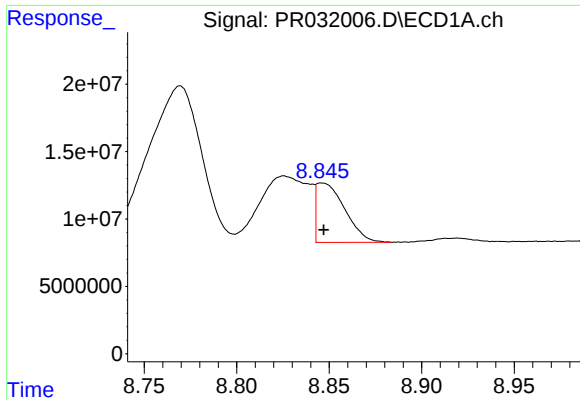
#38 AR-1262-3

R.T.: 8.199 min
Delta R.T.: -0.001 min
Response: 94236928
Conc: 189.96 ng/ml



#38 AR-1262-3

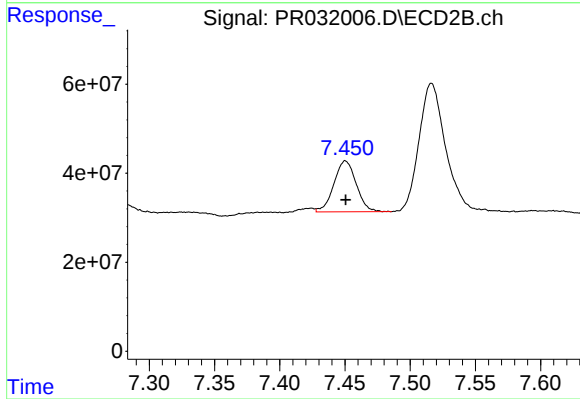
R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 183396019
Conc: 157.37 ng/ml



#39 AR-1262-4

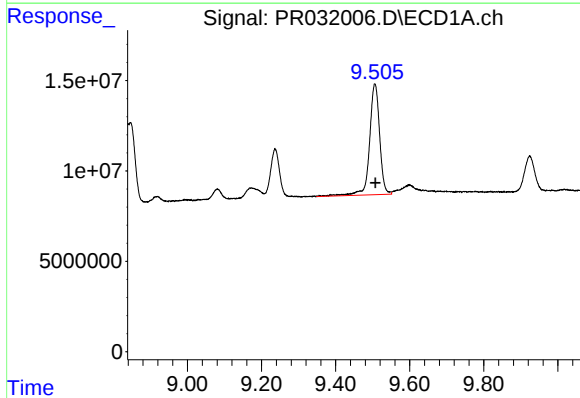
R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 46899062
Conc: 33.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



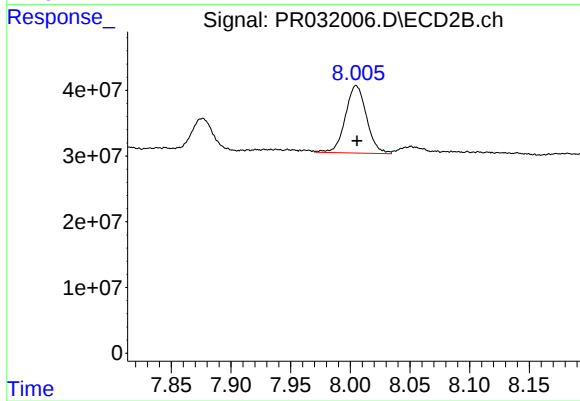
#39 AR-1262-4

R.T.: 7.450 min
Delta R.T.: 0.000 min
Response: 136661347
Conc: 91.86 ng/ml



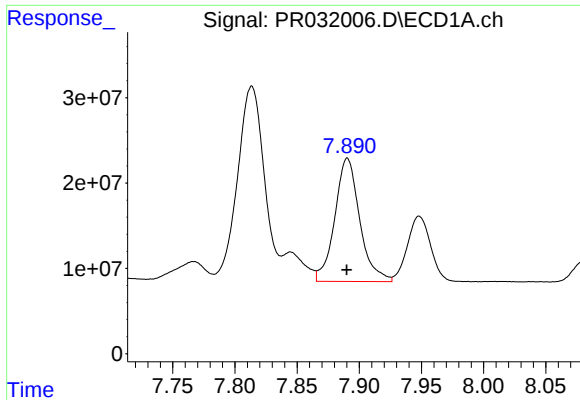
#40 AR-1262-5

R.T.: 9.506 min
Delta R.T.: 0.000 min
Response: 115545297
Conc: 104.99 ng/ml



#40 AR-1262-5

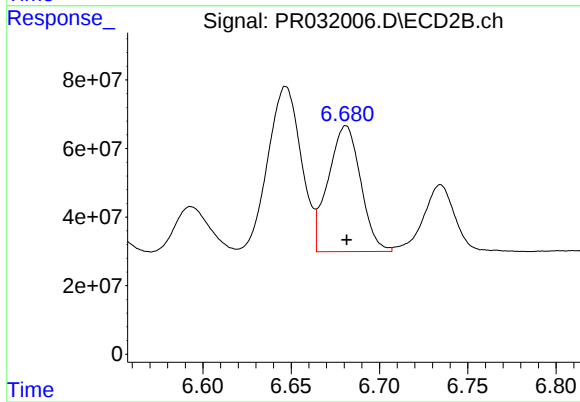
R.T.: 8.005 min
Delta R.T.: 0.000 min
Response: 126815032
Conc: 116.78 ng/ml



#41 AR-1268-1

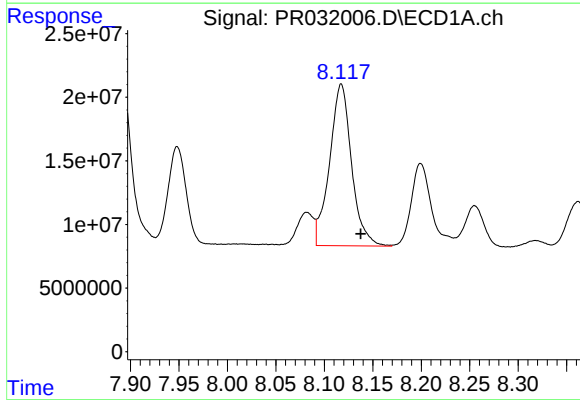
R.T.: 7.890 min
Delta R.T.: 0.000 min
Response: 201714275
Conc: 291.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



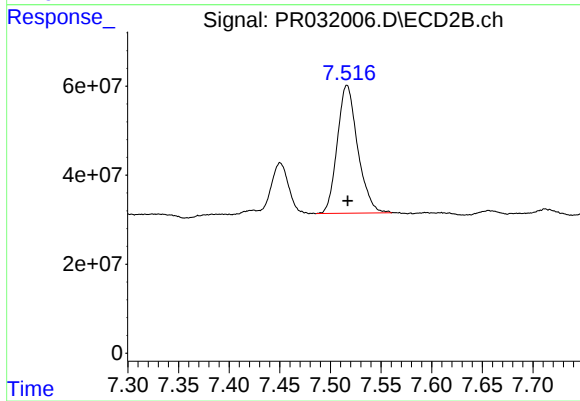
#41 AR-1268-1

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 469135025
Conc: 305.51 ng/ml



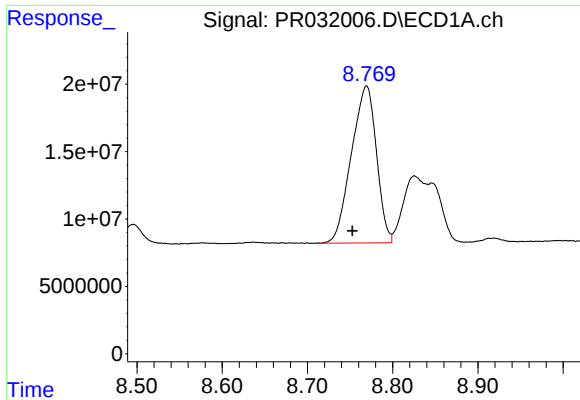
#42 AR-1268-2

R.T.: 8.117 min
Delta R.T.: -0.020 min
Response: 200645728
Conc: 228.07 ng/ml



#42 AR-1268-2

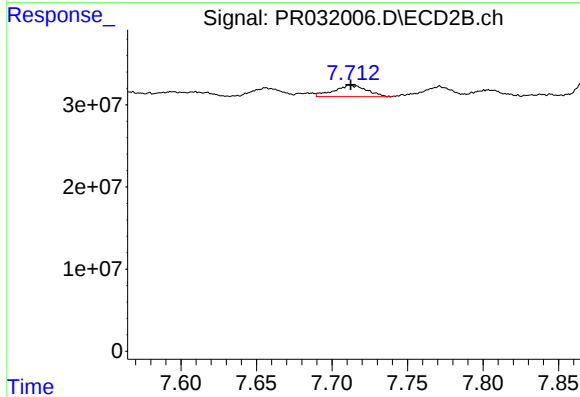
R.T.: 7.516 min
Delta R.T.: 0.000 min
Response: 403801957
Conc: 115.41 ng/ml



#43 AR-1268-3

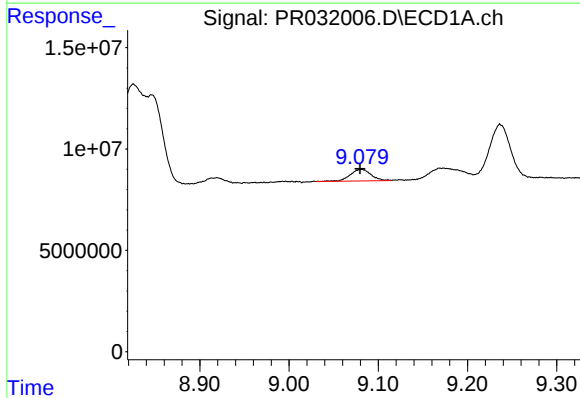
R.T.: 8.769 min
Delta R.T.: 0.017 min
Response: 237979564
Conc: 64.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



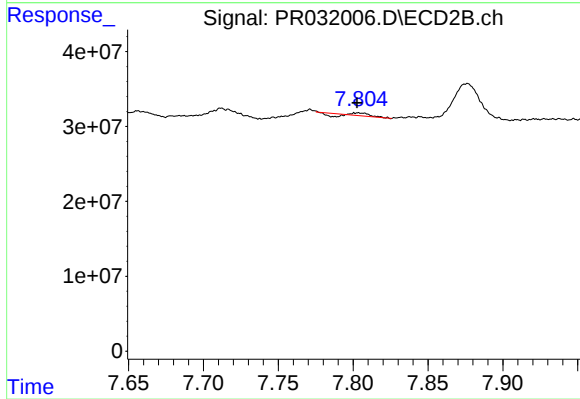
#43 AR-1268-3

R.T.: 7.712 min
Delta R.T.: 0.000 min
Response: 21105930
Conc: 7.47 ng/ml



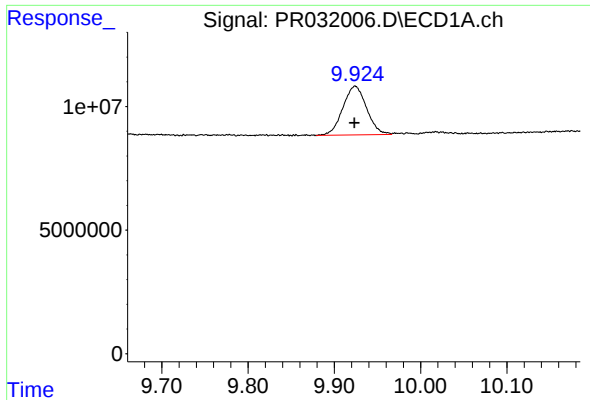
#44 AR-1268-4

R.T.: 9.081 min
Delta R.T.: 0.001 min
Response: 9222880
Conc: 3.02 ng/ml



#44 AR-1268-4

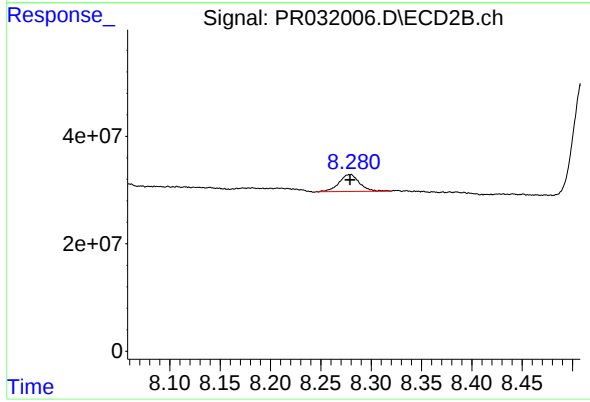
R.T.: 7.803 min
Delta R.T.: 0.000 min
Response: 1402477
Conc: 1.66 ng/ml



#45 AR-1268-5

R.T.: 9.924 min
Delta R.T.: 0.000 min
Response: 37776771
Conc: 3.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.279 min
Delta R.T.: 0.000 min
Response: 44553548
Conc: 6.29 ng/ml