

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR051119\
 Data File : PR037771.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2019 15:51
 Operator : SM\MA
 Sample : K2551-02
 Misc : AR1660 LOQ 100PPB
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 00:57:03 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR051119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sun May 12 00:51:44 2019
 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...	3.783	4.629	30014432	84276276	16.655	16.712
2)	SA Decachlor...	8.776	10.387	42141398	99685217	22.088	21.918
Target Compounds							
3)	L1 AR-1016-1	4.857	5.782	7809362	17979250	100.158	95.588
4)	L1 AR-1016-2	4.876	5.806	10512081	25832617	97.526	95.367
5)	L1 AR-1016-3	5.051	5.869	5550753	16114638	97.863	98.978
6)	L1 AR-1016-4	5.091	5.966	4504403	13536160	98.555	98.317
7)	L1 AR-1016-5	5.303	6.256	6246732	13500508	100.719	99.386
9)	L2 AR-1221-2	4.081	4.918	1075152	2600335	68.208	67.028
10)	L2 AR-1221-3	4.156	4.995	3314508	8342061	65.723	64.685
11)	L3 AR-1232-1	4.156	4.995	3314508	8342061	60.165	57.766
12)	L3 AR-1232-2	4.876	5.520	10512081	11735538	154.540	149.410
13)	L3 AR-1232-3	5.051	5.806	5550753	25832617	157.062	152.200
14)	L3 AR-1232-4	5.133	5.966	5597272	13536160	181.429	158.846
15)	L3 AR-1232-5	5.303	6.052	6246732	11240783	177.852	186.483
16)	L4 AR-1242-1	4.857	5.782	7809362	17979250	128.701	123.621
17)	L4 AR-1242-2	4.876	5.806	10512081	25832617	126.188	122.881
18)	L4 AR-1242-3	5.051	5.869	5550753	16114638	124.825	126.394
19)	L4 AR-1242-4	5.133	5.966	5597272	13536160	130.602	126.583
20)	L4 AR-1242-5	5.651	6.694	6352556	3836139	102.088	31.011 #
21)	L5 AR-1248-1	4.857	5.782	7809362	17979250	163.743	157.978
22)	L5 AR-1248-2	5.091	6.052	4504403	11240783	73.000	72.530
23)	L5 AR-1248-3	5.133	6.256	5597272	13500508	88.375	74.074
24)	L5 AR-1248-4	5.303	6.653	6246732	4404885	77.519	20.154 #
25)	L5 AR-1248-5	5.691	6.694	1614200	3836139	18.997	18.429
26)	L6 AR-1254-1	5.651	6.628	6352556	12465806	42.911	51.758
27)	L6 AR-1254-2	5.796	6.842	4709520	10970154	36.574	28.734
28)	L6 AR-1254-3	6.213	7.210	10941800	7982471	49.567	18.888 #
29)	L6 AR-1254-4	6.423	7.491	851656	5801089	5.626	18.776 #
30)	L6 AR-1254-5	6.838	7.903	18859465	38765985	96.252	116.036
31)	L7 AR-1260-1	6.326	7.368	13343845	28327343	111.191	114.460
32)	L7 AR-1260-2	6.511	7.621	17704588	33459777	112.944	113.756
33)	L7 AR-1260-3	6.666	7.977	15245683	23189319	115.317	106.210
34)	L7 AR-1260-4	7.135	8.207	12398720	27594568	116.368	107.994
35)	L7 AR-1260-5	7.374	8.534	31308077	54634803	111.444	105.166
36)	L8 AR-1262-1	6.929	7.977	7152082	23189319	106.990	73.395 #
37)	L8 AR-1262-2	7.374	8.534	31308077	54634803	95.856	87.685
38)	L8 AR-1262-3	7.658	8.872	7329185	34967919	58.506	83.427 #
39)	L8 AR-1262-4	7.721	8.928	22251437	20344350	95.698	63.755 #
40)	L8 AR-1262-5	8.219	9.619	7291024	15163167	67.962	60.898
41)	L9 AR-1268-1	7.658	8.872	7329185	34967919	16.821	34.901 #
42)	L9 AR-1268-2	7.721	8.928	22251437	20344350	56.580	22.505 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR051119\
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 Operator : SM\MA
 Sample : K2551-02
 Misc : AR1660 LOQ 100PPB
 ALS Vial : 34 Sample Multiplier: 1

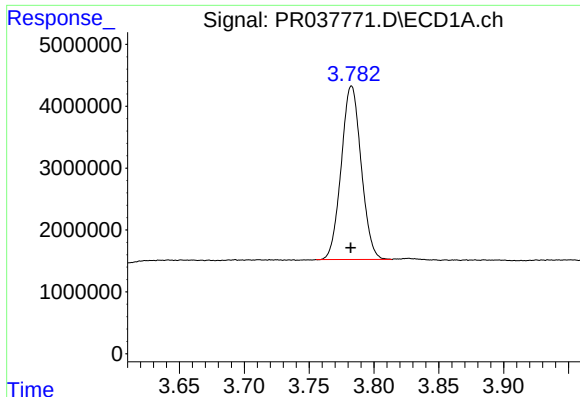
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 00:57:03 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR051119.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
44) L9	AR-1268-4	8.219	9.619	7291024	15163167	56.831	44.595
45) L9	AR-1268-5	8.515	10.040	2000115	4526731	2.146	1.774

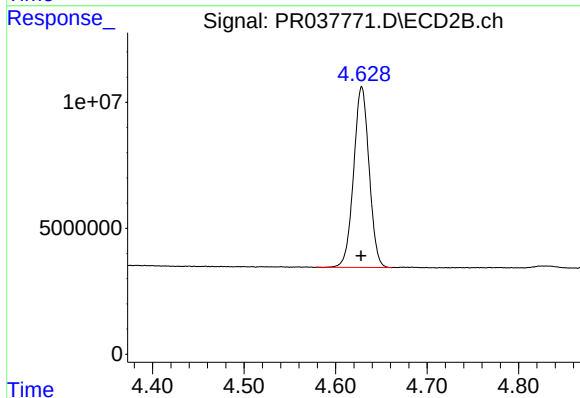
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

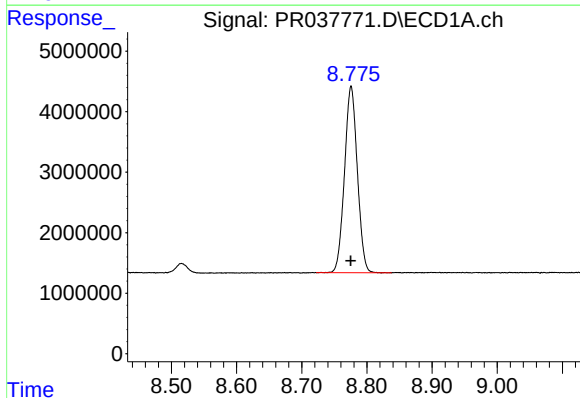
R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 30014432
Conc: 16.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



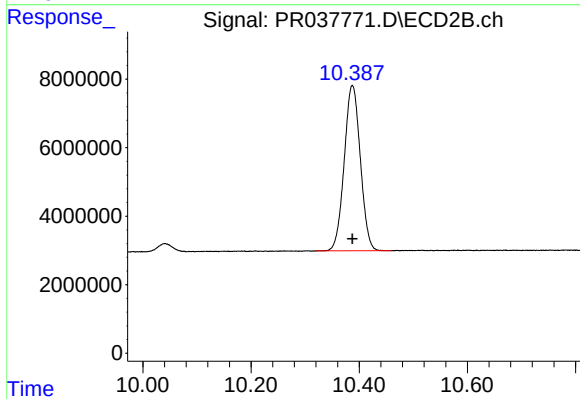
#1 Tetrachloro-m-xylene

R.T.: 4.629 min
Delta R.T.: 0.001 min
Response: 84276276
Conc: 16.71 ng/ml



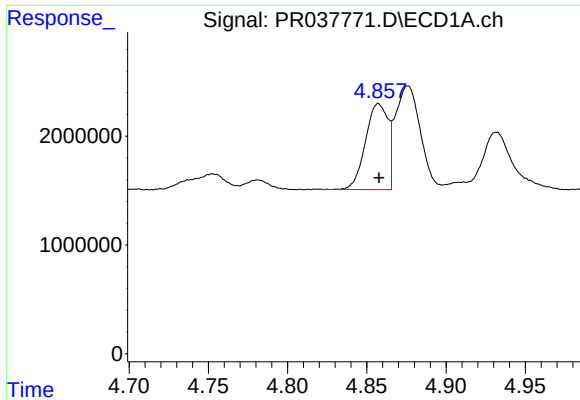
#2 Decachlorobiphenyl

R.T.: 8.776 min
Delta R.T.: 0.000 min
Response: 42141398
Conc: 22.09 ng/ml



#2 Decachlorobiphenyl

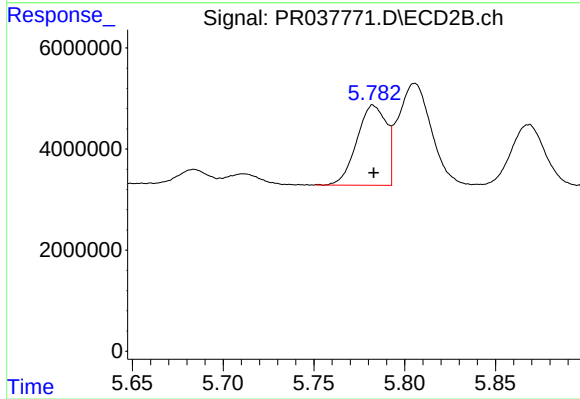
R.T.: 10.387 min
Delta R.T.: 0.000 min
Response: 99685217
Conc: 21.92 ng/ml



#3 AR-1016-1

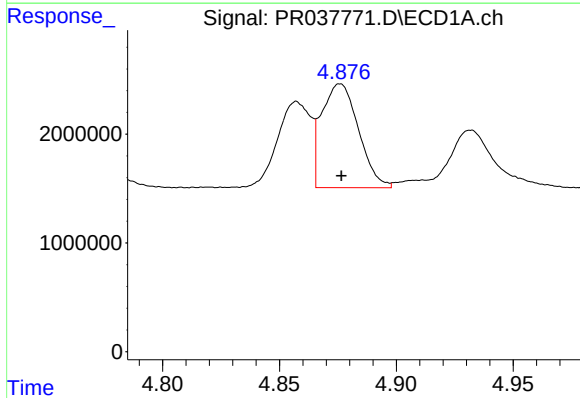
R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 7809362
Conc: 100.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



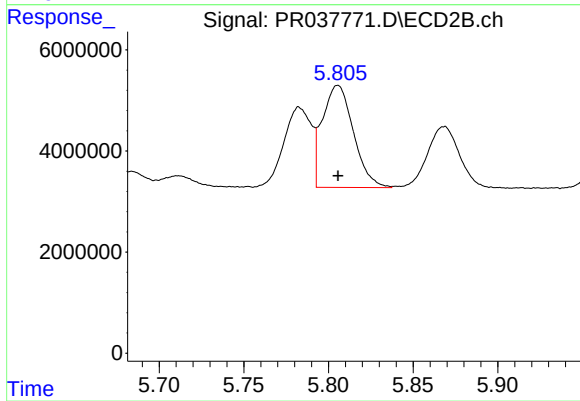
#3 AR-1016-1

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 17979250
Conc: 95.59 ng/ml



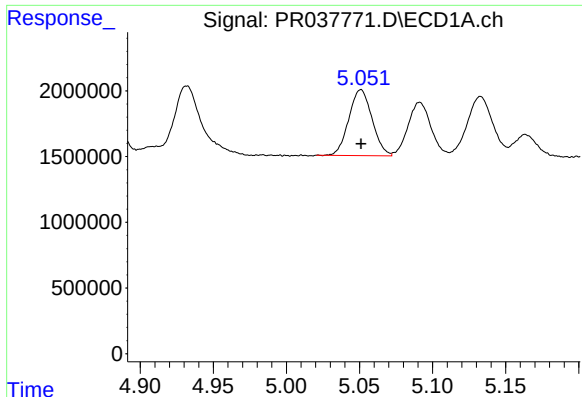
#4 AR-1016-2

R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 10512081
Conc: 97.53 ng/ml



#4 AR-1016-2

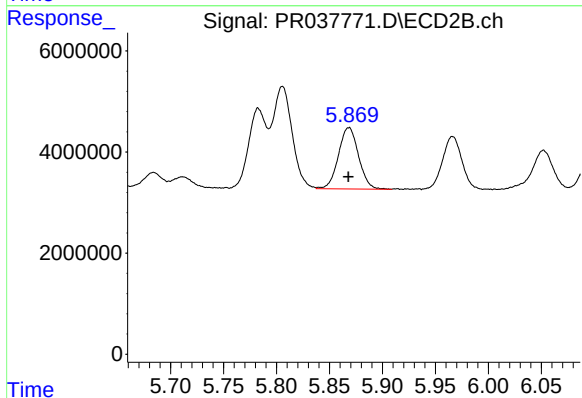
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 25832617
Conc: 95.37 ng/ml



#5 AR-1016-3

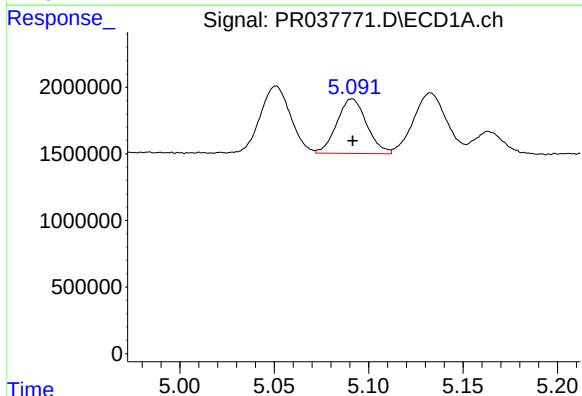
R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 5550753
Conc: 97.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



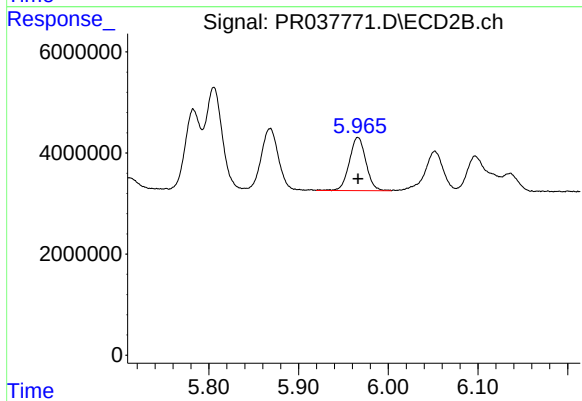
#5 AR-1016-3

R.T.: 5.869 min
Delta R.T.: 0.000 min
Response: 16114638
Conc: 98.98 ng/ml



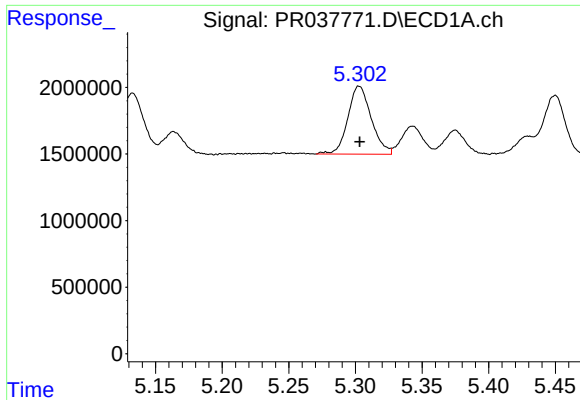
#6 AR-1016-4

R.T.: 5.091 min
Delta R.T.: 0.000 min
Response: 4504403
Conc: 98.56 ng/ml



#6 AR-1016-4

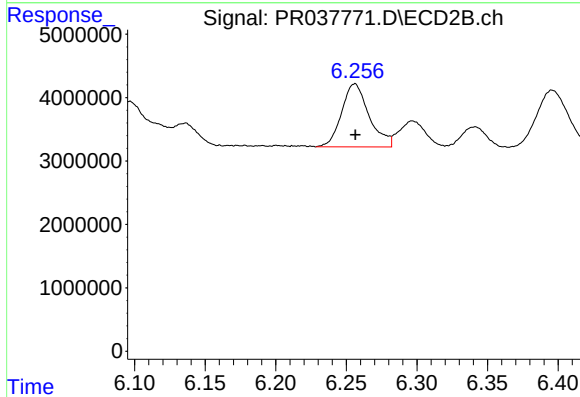
R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 13536160
Conc: 98.32 ng/ml



#7 AR-1016-5

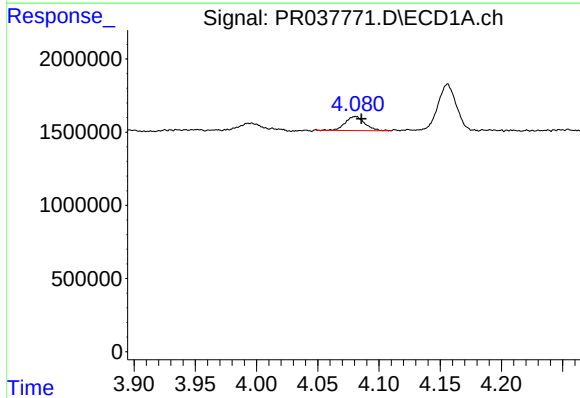
R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 6246732
Conc: 100.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



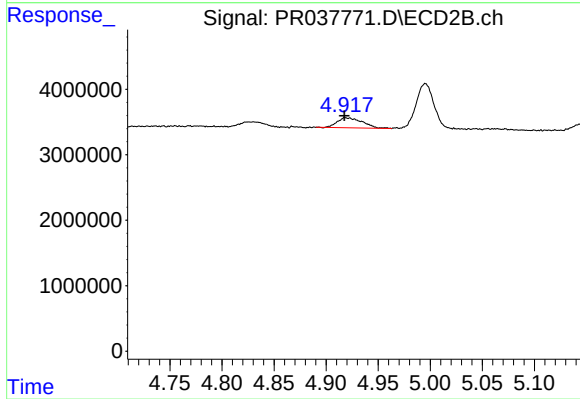
#7 AR-1016-5

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 13500508
Conc: 99.39 ng/ml



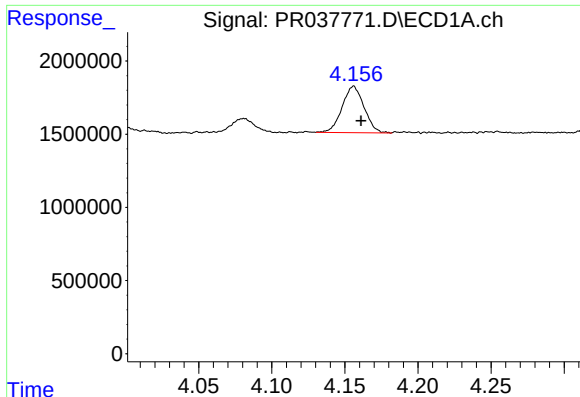
#9 AR-1221-2

R.T.: 4.081 min
Delta R.T.: -0.005 min
Response: 1075152
Conc: 68.21 ng/ml



#9 AR-1221-2

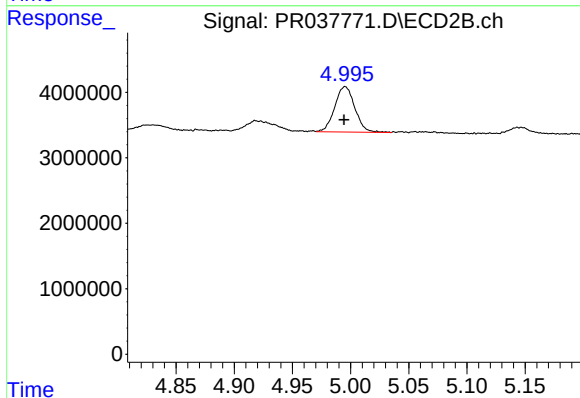
R.T.: 4.918 min
Delta R.T.: 0.000 min
Response: 2600335
Conc: 67.03 ng/ml



#10 AR-1221-3

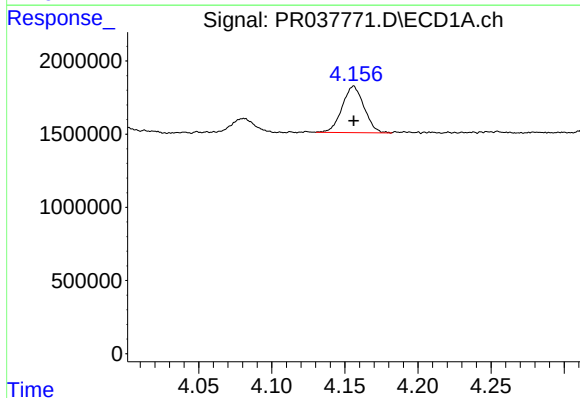
R.T.: 4.156 min
Delta R.T.: -0.005 min
Response: 3314508
Conc: 65.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



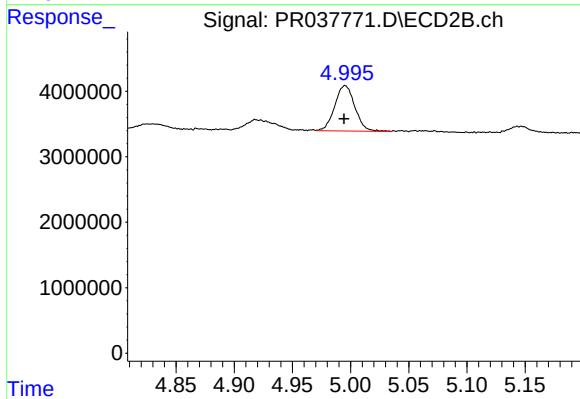
#10 AR-1221-3

R.T.: 4.995 min
Delta R.T.: 0.001 min
Response: 8342061
Conc: 64.68 ng/ml



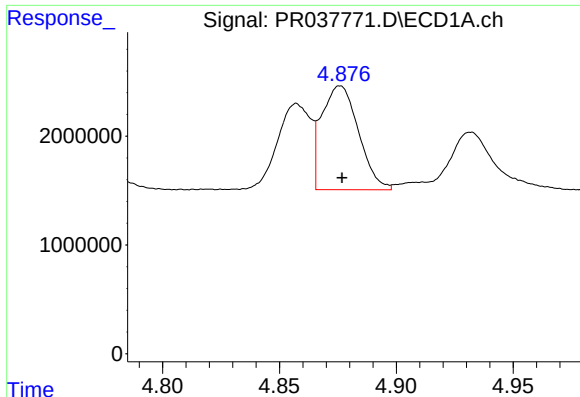
#11 AR-1232-1

R.T.: 4.156 min
Delta R.T.: 0.000 min
Response: 3314508
Conc: 60.17 ng/ml



#11 AR-1232-1

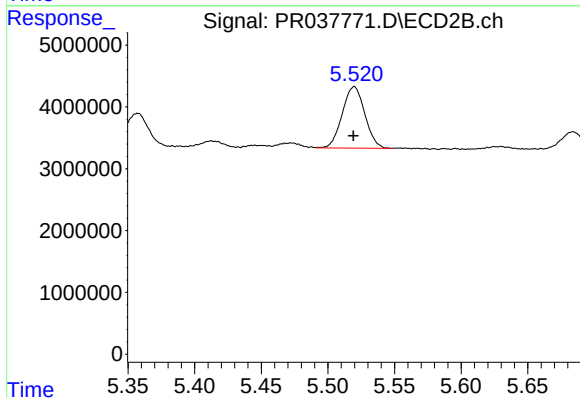
R.T.: 4.995 min
Delta R.T.: 0.001 min
Response: 8342061
Conc: 57.77 ng/ml



#12 AR-1232-2

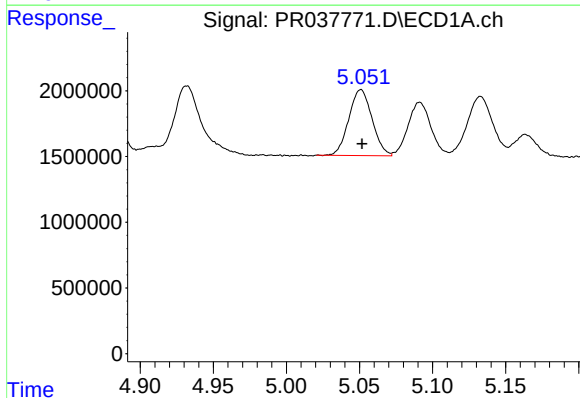
R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 10512081
Conc: 154.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



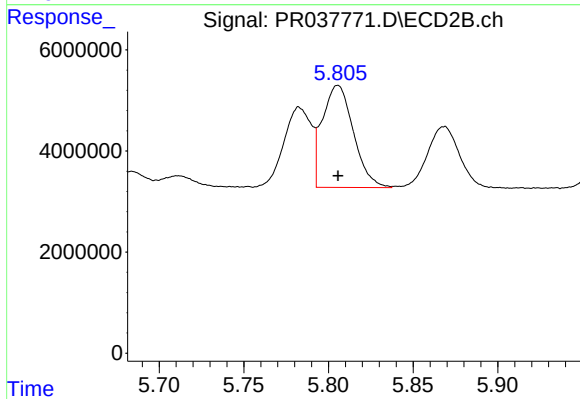
#12 AR-1232-2

R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 11735538
Conc: 149.41 ng/ml



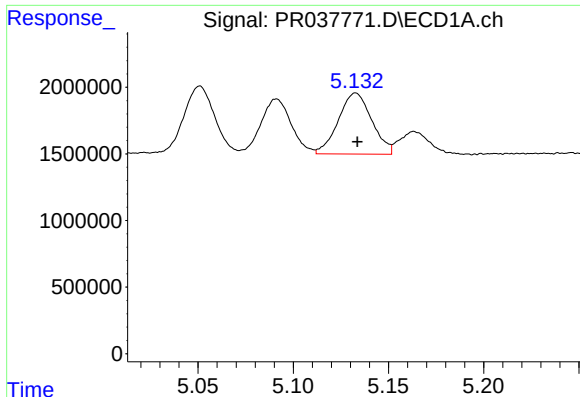
#13 AR-1232-3

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 5550753
Conc: 157.06 ng/ml



#13 AR-1232-3

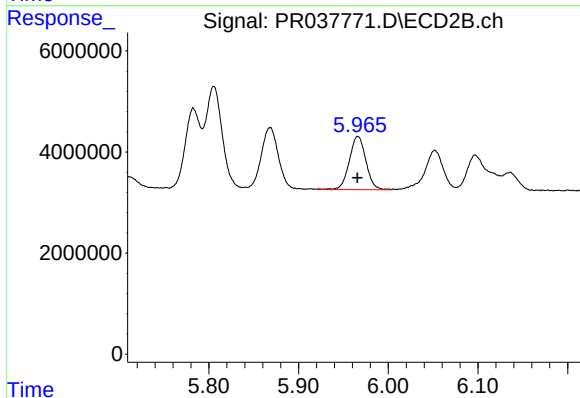
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 25832617
Conc: 152.20 ng/ml



#14 AR-1232-4

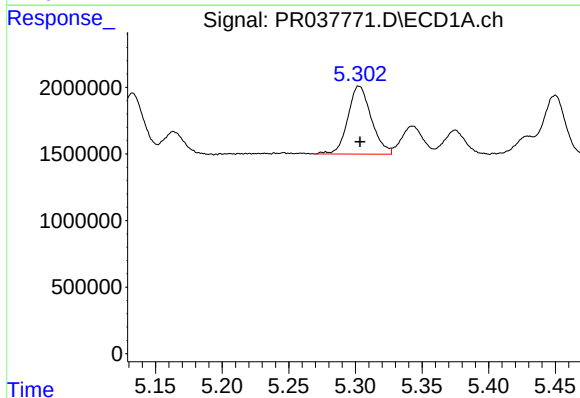
R.T.: 5.133 min
Delta R.T.: 0.000 min
Response: 5597272
Conc: 181.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



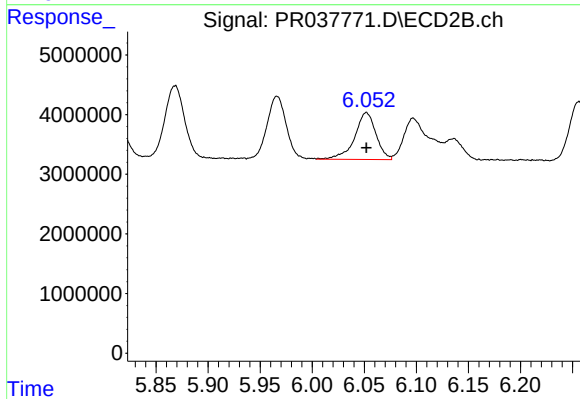
#14 AR-1232-4

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 13536160
Conc: 158.85 ng/ml



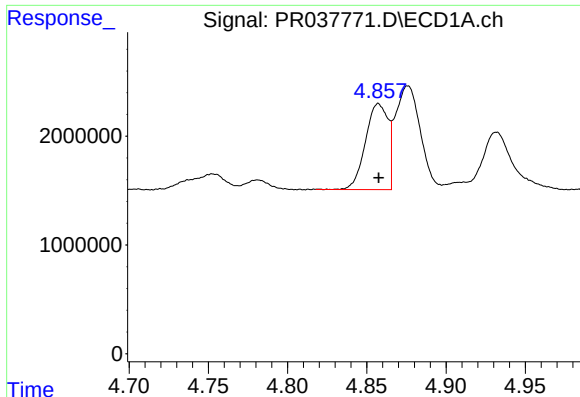
#15 AR-1232-5

R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 6246732
Conc: 177.85 ng/ml



#15 AR-1232-5

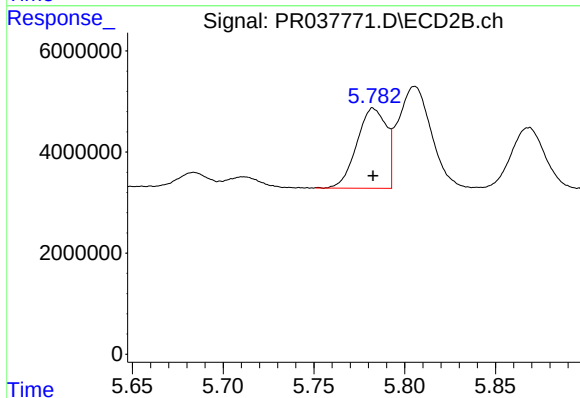
R.T.: 6.052 min
Delta R.T.: 0.000 min
Response: 11240783
Conc: 186.48 ng/ml



#16 AR-1242-1

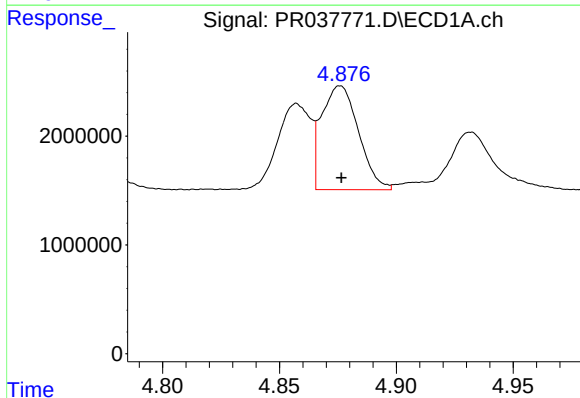
R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 7809362
Conc: 128.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



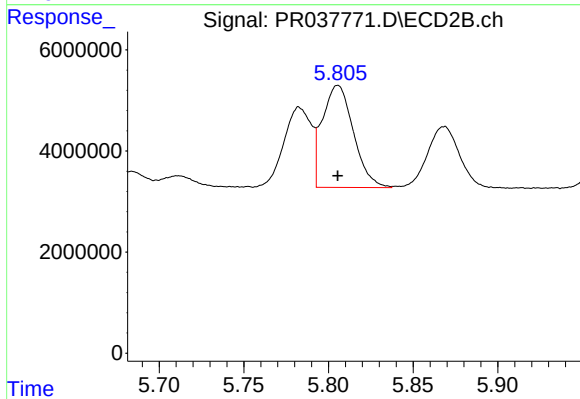
#16 AR-1242-1

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 17979250
Conc: 123.62 ng/ml



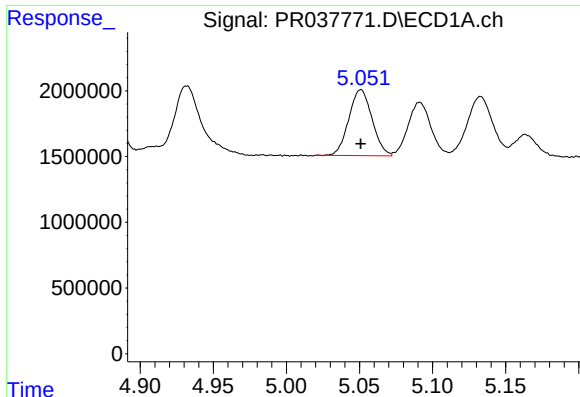
#17 AR-1242-2

R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 10512081
Conc: 126.19 ng/ml



#17 AR-1242-2

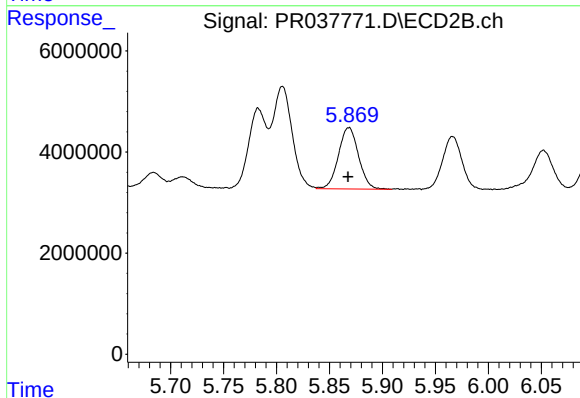
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 25832617
Conc: 122.88 ng/ml



#18 AR-1242-3

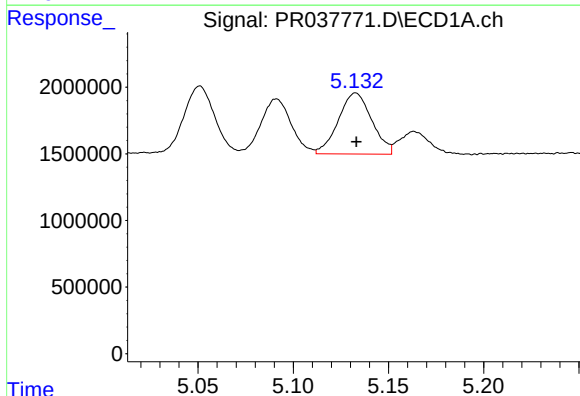
R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 5550753
Conc: 124.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



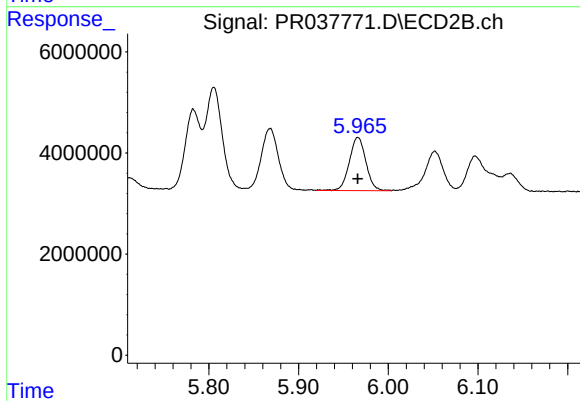
#18 AR-1242-3

R.T.: 5.869 min
Delta R.T.: 0.001 min
Response: 16114638
Conc: 126.39 ng/ml



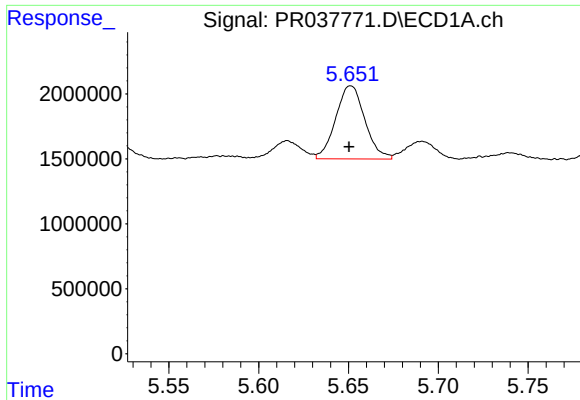
#19 AR-1242-4

R.T.: 5.133 min
Delta R.T.: 0.000 min
Response: 5597272
Conc: 130.60 ng/ml



#19 AR-1242-4

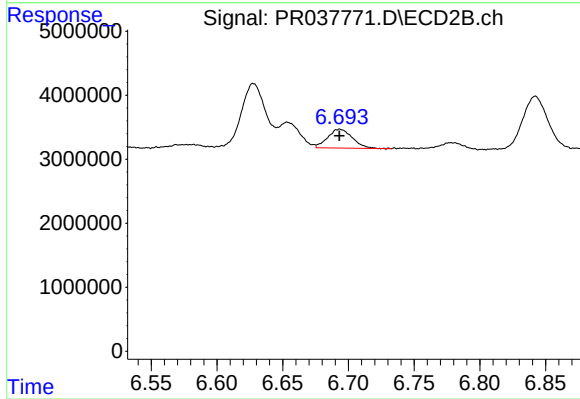
R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 13536160
Conc: 126.58 ng/ml



#20 AR-1242-5

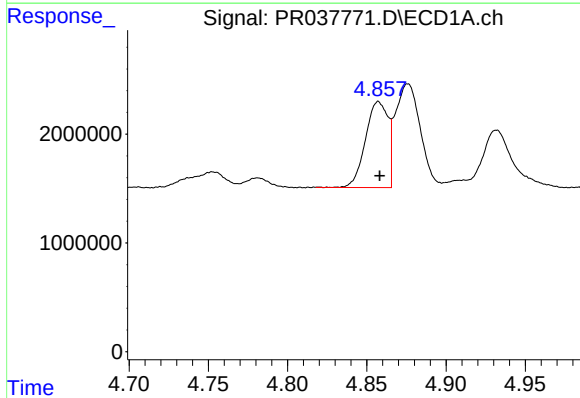
R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 6352556
Conc: 102.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



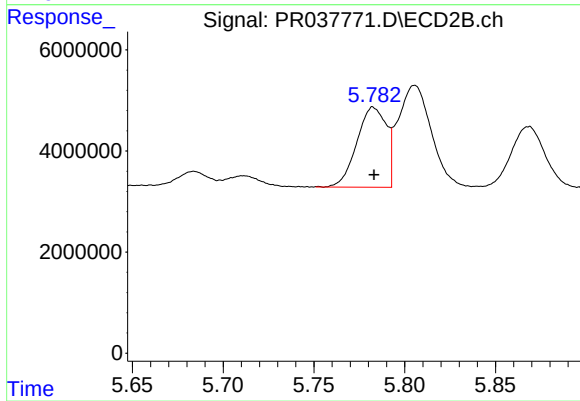
#20 AR-1242-5

R.T.: 6.694 min
Delta R.T.: 0.000 min
Response: 3836139
Conc: 31.01 ng/ml



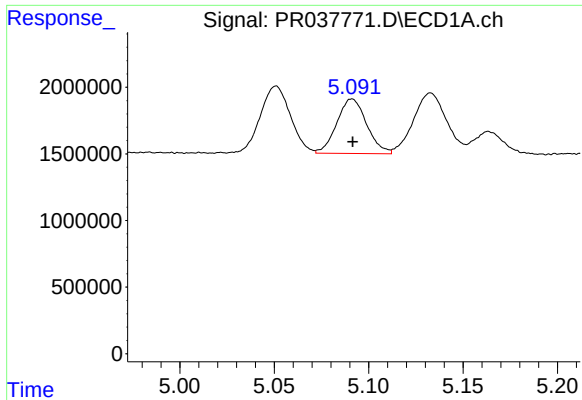
#21 AR-1248-1

R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 7809362
Conc: 163.74 ng/ml



#21 AR-1248-1

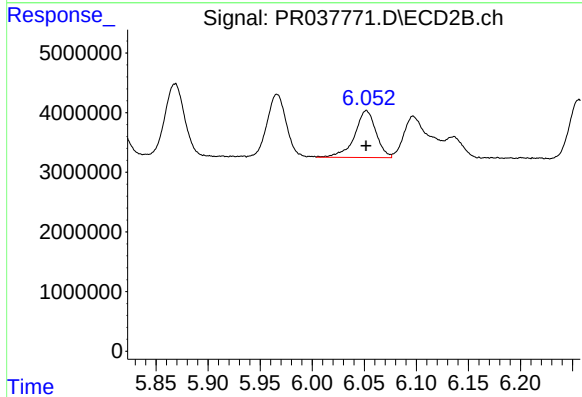
R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 17979250
Conc: 157.98 ng/ml



#22 AR-1248-2

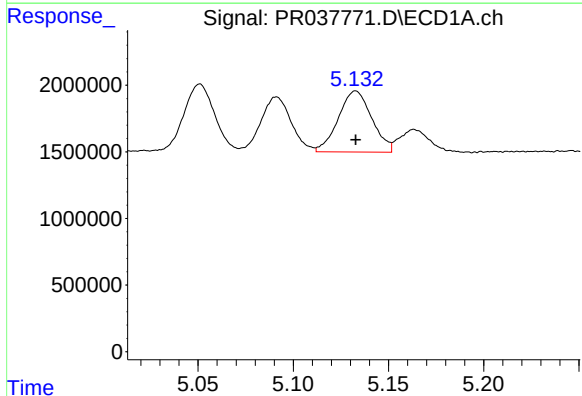
R.T.: 5.091 min
Delta R.T.: 0.000 min
Response: 4504403
Conc: 73.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



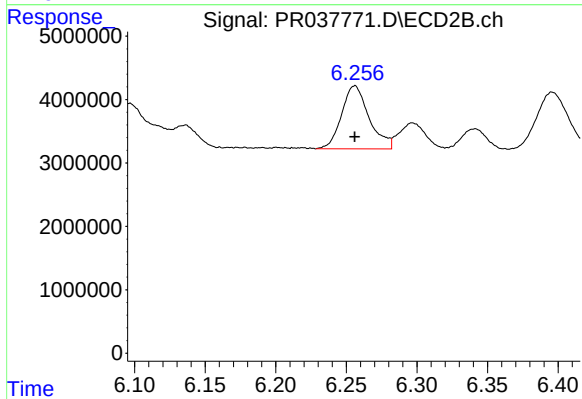
#22 AR-1248-2

R.T.: 6.052 min
Delta R.T.: 0.000 min
Response: 11240783
Conc: 72.53 ng/ml



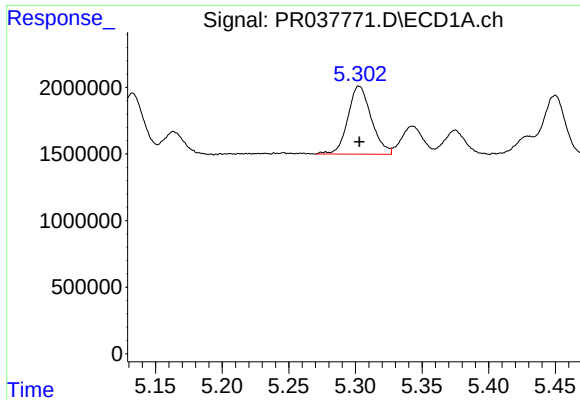
#23 AR-1248-3

R.T.: 5.133 min
Delta R.T.: 0.000 min
Response: 5597272
Conc: 88.37 ng/ml



#23 AR-1248-3

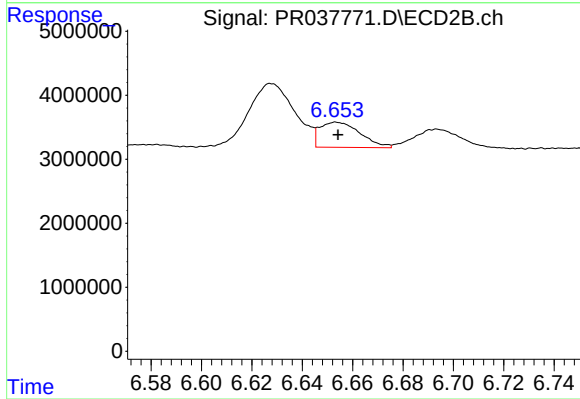
R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 13500508
Conc: 74.07 ng/ml



#24 AR-1248-4

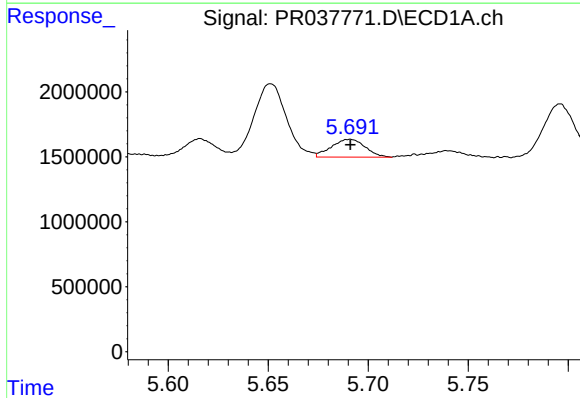
R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 6246732
Conc: 77.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



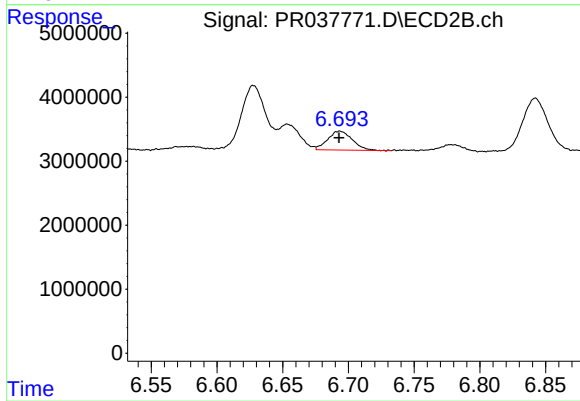
#24 AR-1248-4

R.T.: 6.653 min
Delta R.T.: 0.000 min
Response: 4404885
Conc: 20.15 ng/ml



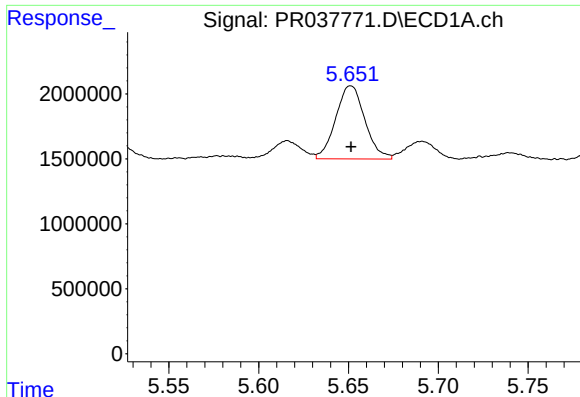
#25 AR-1248-5

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 1614200
Conc: 19.00 ng/ml



#25 AR-1248-5

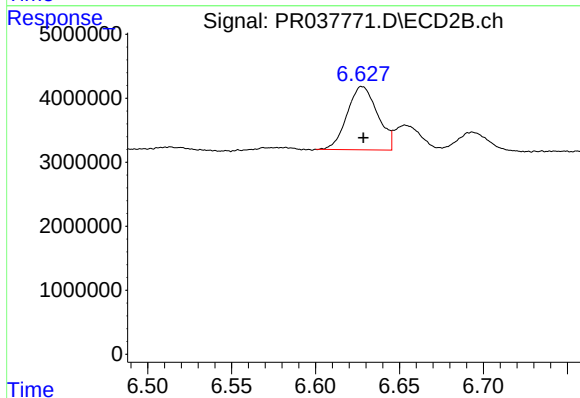
R.T.: 6.694 min
Delta R.T.: 0.000 min
Response: 3836139
Conc: 18.43 ng/ml



#26 AR-1254-1

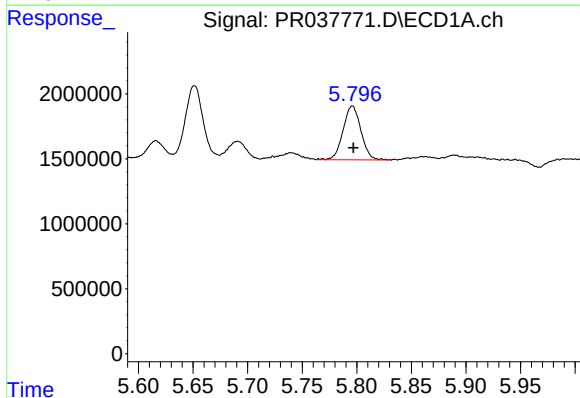
R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 6352556
Conc: 42.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



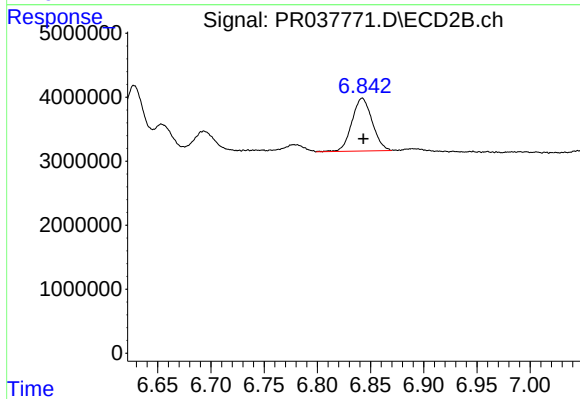
#26 AR-1254-1

R.T.: 6.628 min
Delta R.T.: -0.001 min
Response: 12465806
Conc: 51.76 ng/ml



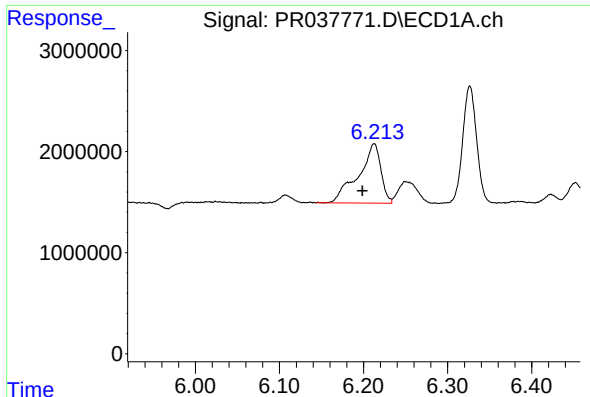
#27 AR-1254-2

R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 4709520
Conc: 36.57 ng/ml



#27 AR-1254-2

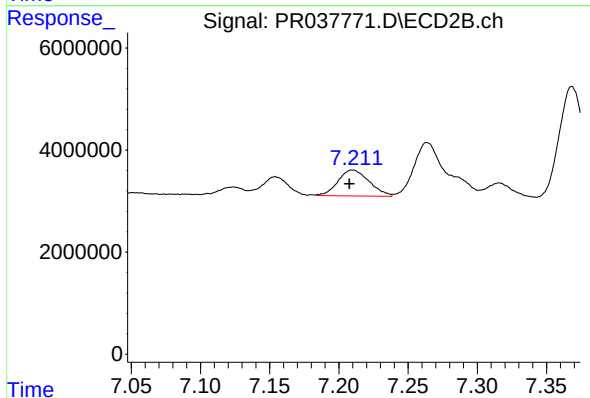
R.T.: 6.842 min
Delta R.T.: 0.000 min
Response: 10970154
Conc: 28.73 ng/ml



#28 AR-1254-3

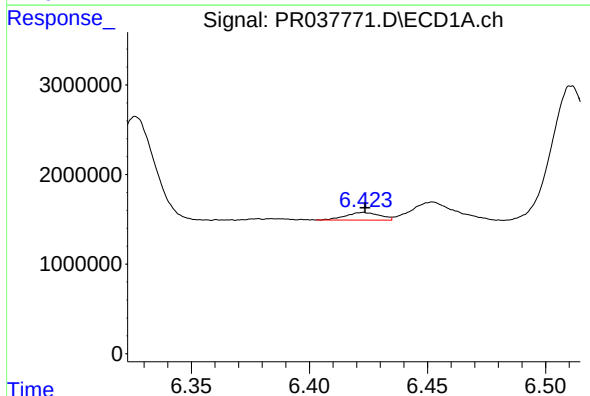
R.T.: 6.213 min
Delta R.T.: 0.014 min
Response: 10941800
Conc: 49.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



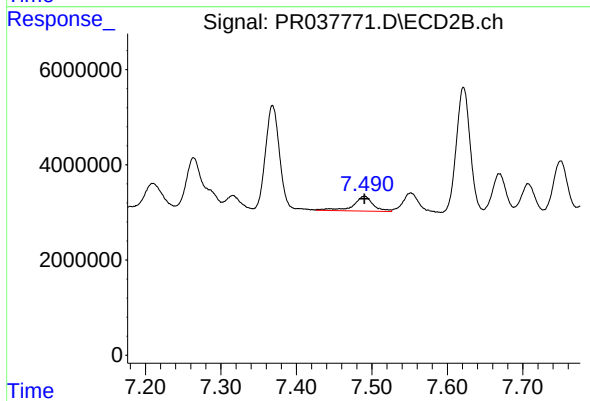
#28 AR-1254-3

R.T.: 7.210 min
Delta R.T.: 0.002 min
Response: 7982471
Conc: 18.89 ng/ml



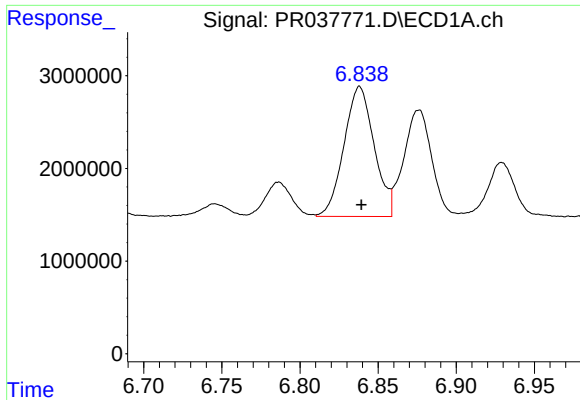
#29 AR-1254-4

R.T.: 6.423 min
Delta R.T.: 0.000 min
Response: 851656
Conc: 5.63 ng/ml



#29 AR-1254-4

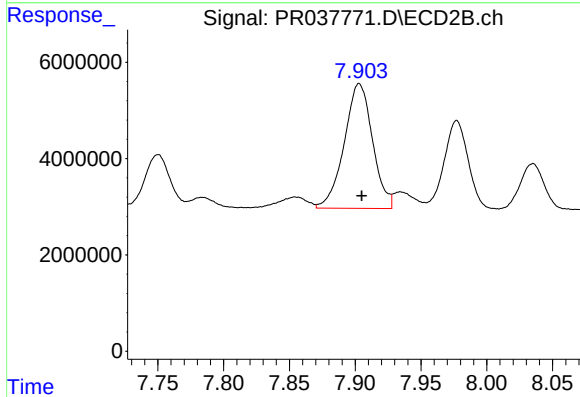
R.T.: 7.491 min
Delta R.T.: 0.000 min
Response: 5801089
Conc: 18.78 ng/ml



#30 AR-1254-5

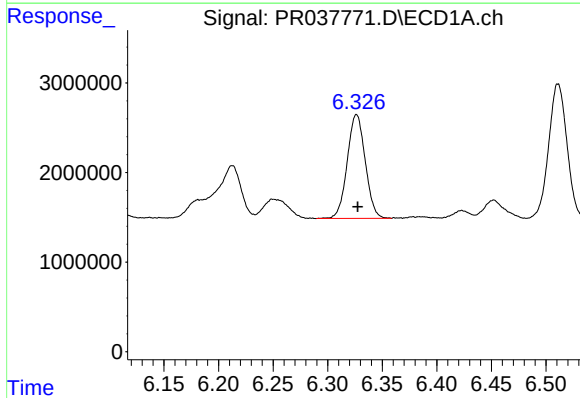
R.T.: 6.838 min
Delta R.T.: -0.001 min
Response: 18859465
Conc: 96.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



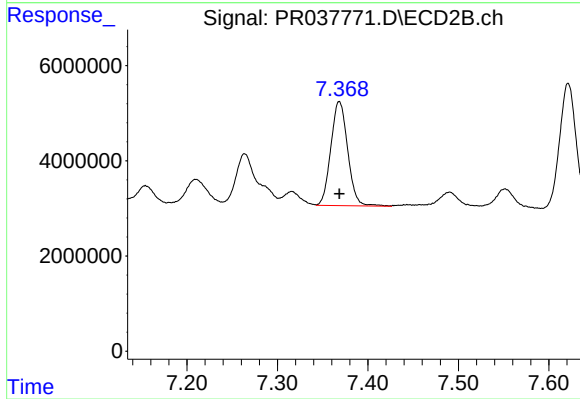
#30 AR-1254-5

R.T.: 7.903 min
Delta R.T.: -0.002 min
Response: 38765985
Conc: 116.04 ng/ml



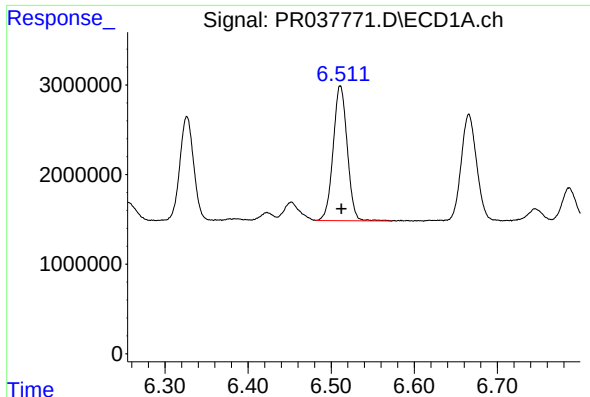
#31 AR-1260-1

R.T.: 6.326 min
Delta R.T.: -0.001 min
Response: 13343845
Conc: 111.19 ng/ml



#31 AR-1260-1

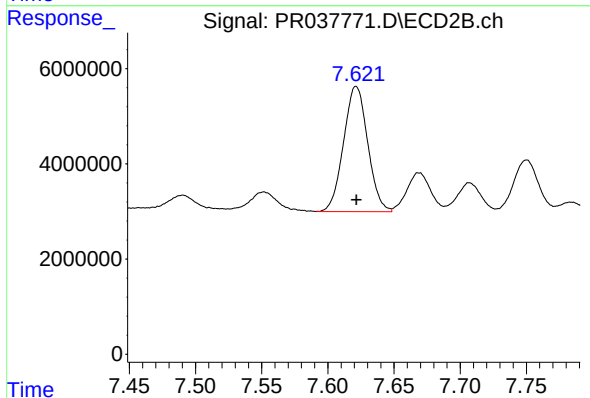
R.T.: 7.368 min
Delta R.T.: 0.000 min
Response: 28327343
Conc: 114.46 ng/ml



#32 AR-1260-2

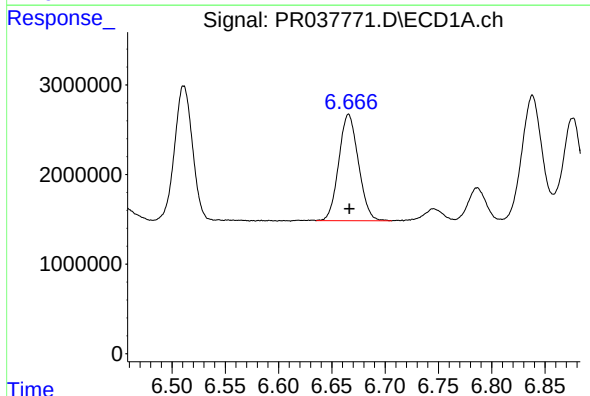
R.T.: 6.511 min
Delta R.T.: -0.001 min
Response: 17704588
Conc: 112.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



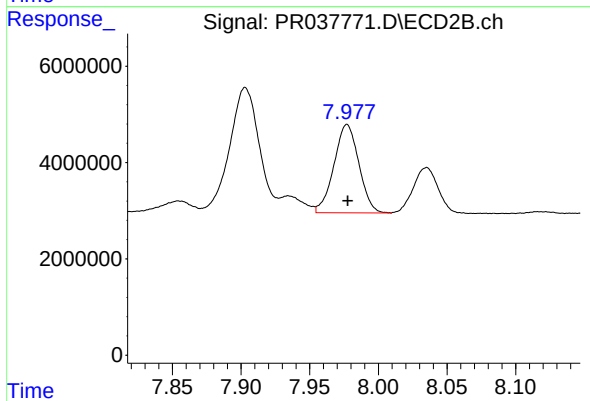
#32 AR-1260-2

R.T.: 7.621 min
Delta R.T.: 0.000 min
Response: 33459777
Conc: 113.76 ng/ml



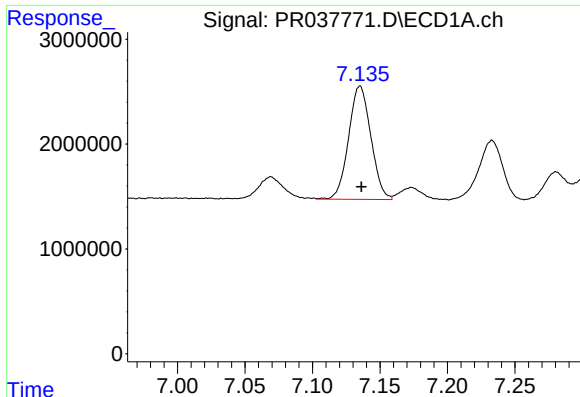
#33 AR-1260-3

R.T.: 6.666 min
Delta R.T.: 0.000 min
Response: 15245683
Conc: 115.32 ng/ml



#33 AR-1260-3

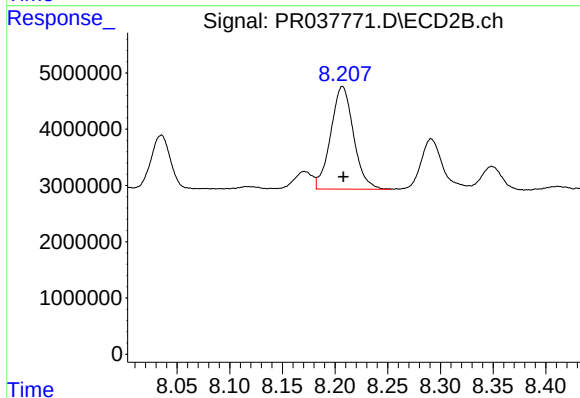
R.T.: 7.977 min
Delta R.T.: 0.000 min
Response: 23189319
Conc: 106.21 ng/ml



#34 AR-1260-4

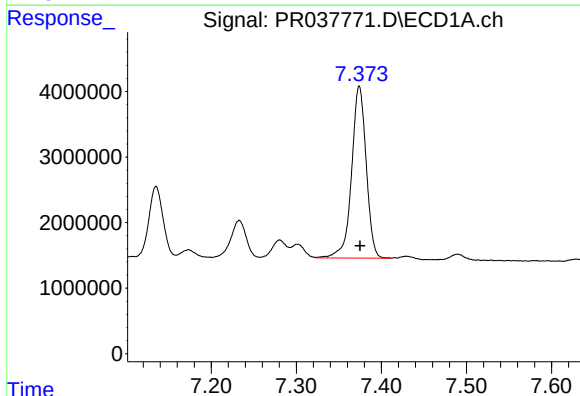
R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 12398720
Conc: 116.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



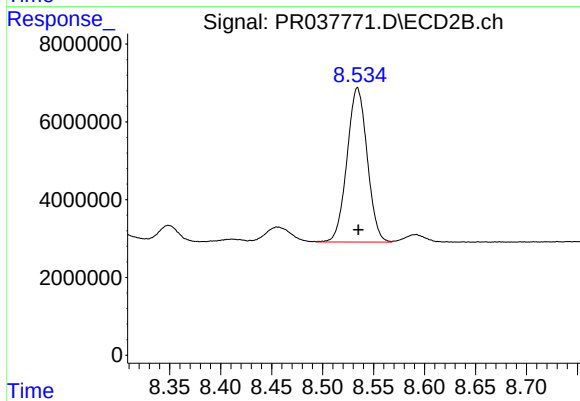
#34 AR-1260-4

R.T.: 8.207 min
Delta R.T.: -0.001 min
Response: 27594568
Conc: 107.99 ng/ml



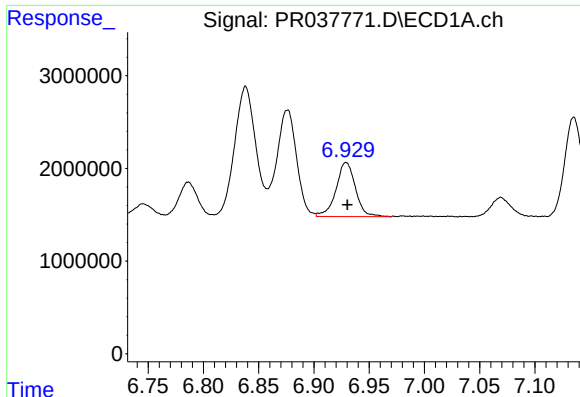
#35 AR-1260-5

R.T.: 7.374 min
Delta R.T.: 0.000 min
Response: 31308077
Conc: 111.44 ng/ml



#35 AR-1260-5

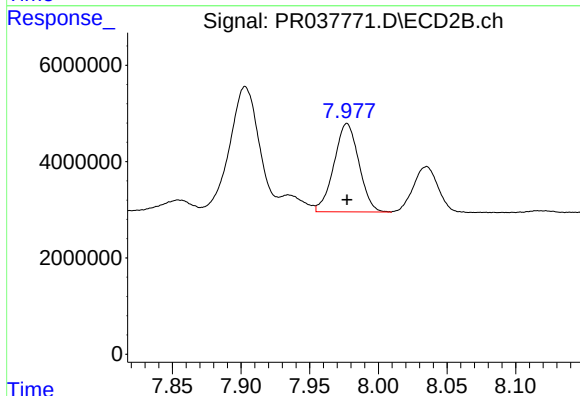
R.T.: 8.534 min
Delta R.T.: 0.000 min
Response: 54634803
Conc: 105.17 ng/ml



#36 AR-1262-1

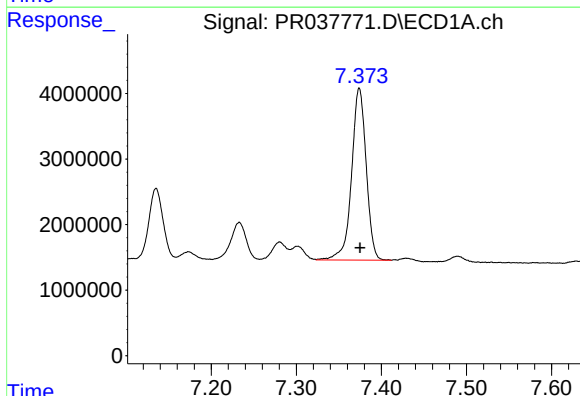
R.T.: 6.929 min
Delta R.T.: -0.001 min
Response: 7152082
Conc: 106.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



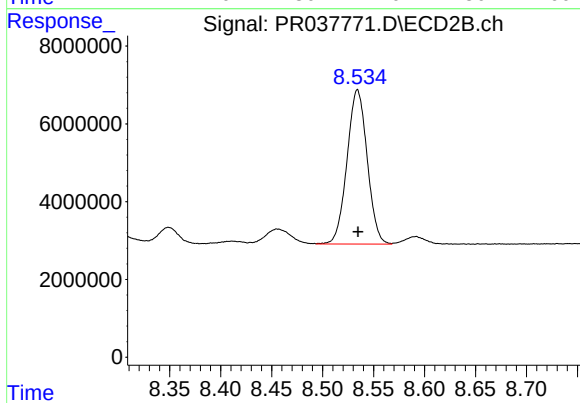
#36 AR-1262-1

R.T.: 7.977 min
Delta R.T.: 0.000 min
Response: 23189319
Conc: 73.39 ng/ml



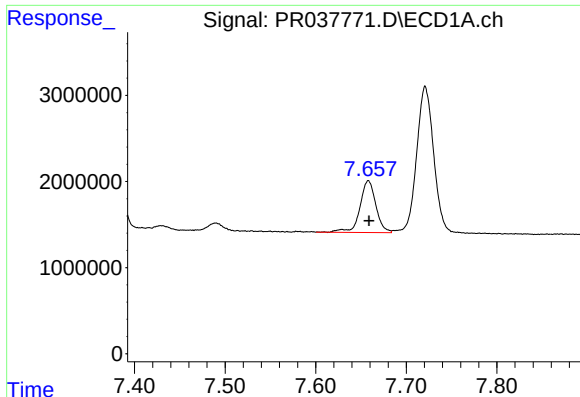
#37 AR-1262-2

R.T.: 7.374 min
Delta R.T.: -0.001 min
Response: 31308077
Conc: 95.86 ng/ml



#37 AR-1262-2

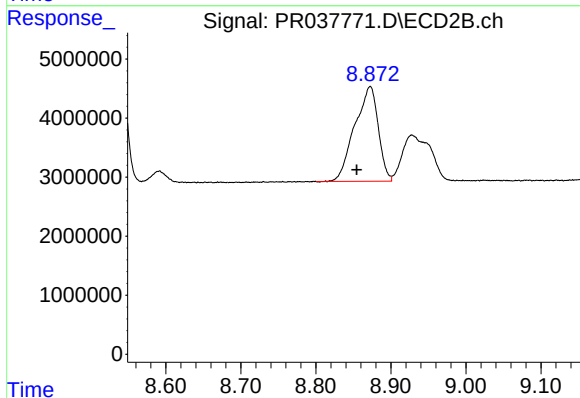
R.T.: 8.534 min
Delta R.T.: 0.000 min
Response: 54634803
Conc: 87.69 ng/ml



#38 AR-1262-3

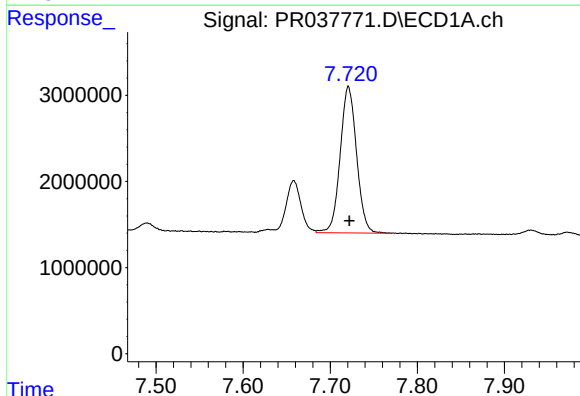
R.T.: 7.658 min
Delta R.T.: 0.000 min
Response: 7329185
Conc: 58.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



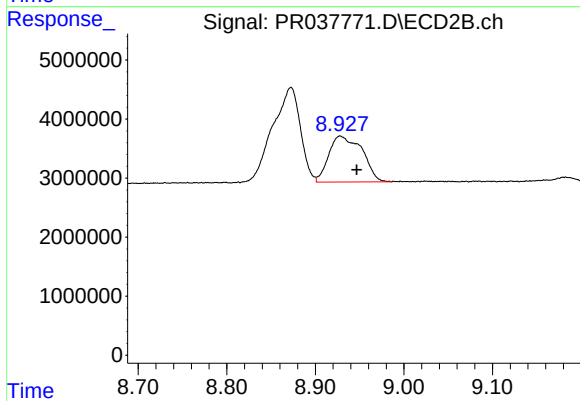
#38 AR-1262-3

R.T.: 8.872 min
Delta R.T.: 0.018 min
Response: 34967919
Conc: 83.43 ng/ml



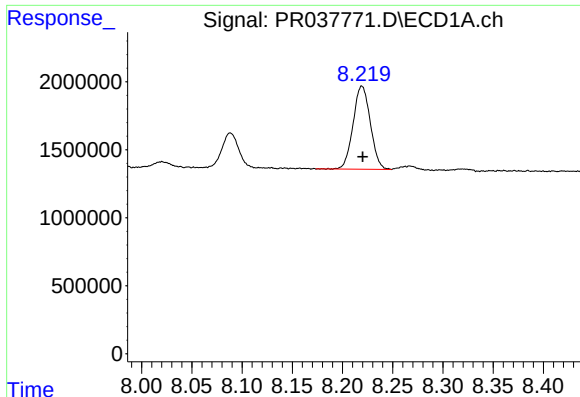
#39 AR-1262-4

R.T.: 7.721 min
Delta R.T.: -0.001 min
Response: 22251437
Conc: 95.70 ng/ml



#39 AR-1262-4

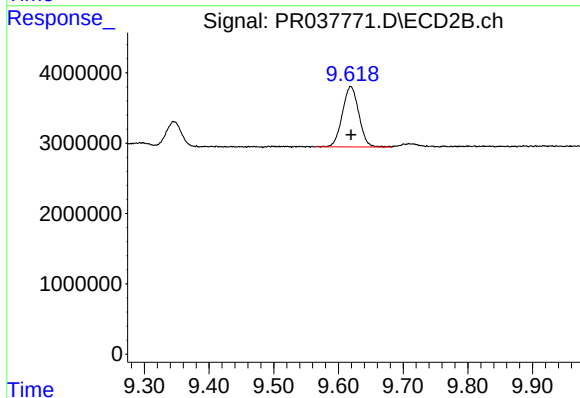
R.T.: 8.928 min
Delta R.T.: -0.019 min
Response: 20344350
Conc: 63.75 ng/ml



#40 AR-1262-5

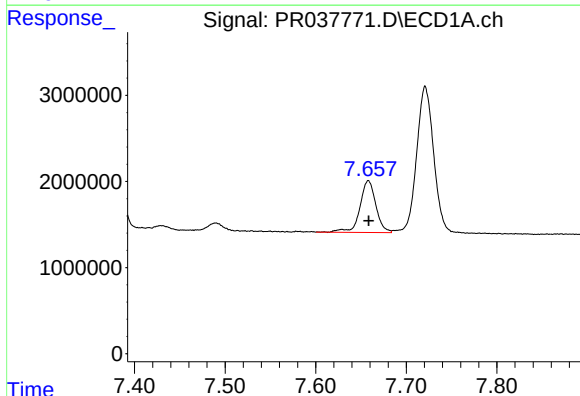
R.T.: 8.219 min
Delta R.T.: 0.000 min
Response: 7291024
Conc: 67.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



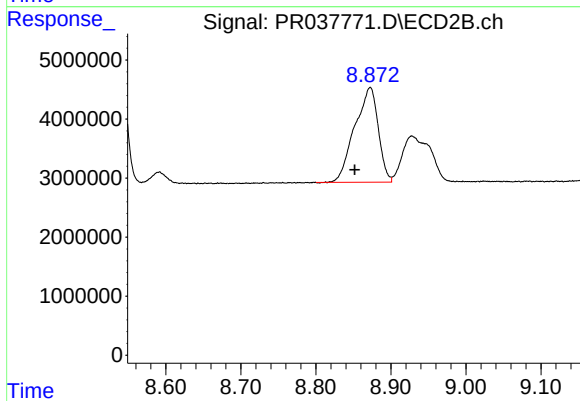
#40 AR-1262-5

R.T.: 9.619 min
Delta R.T.: 0.000 min
Response: 15163167
Conc: 60.90 ng/ml



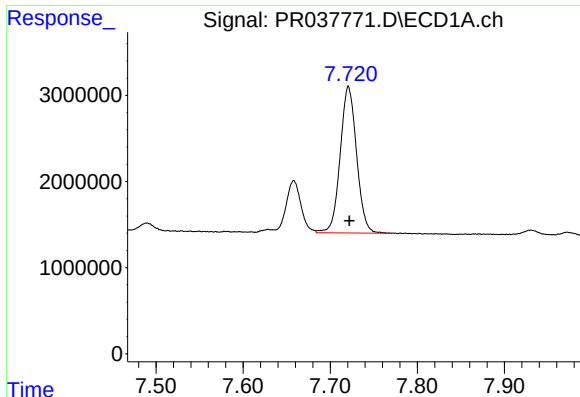
#41 AR-1268-1

R.T.: 7.658 min
Delta R.T.: 0.000 min
Response: 7329185
Conc: 16.82 ng/ml



#41 AR-1268-1

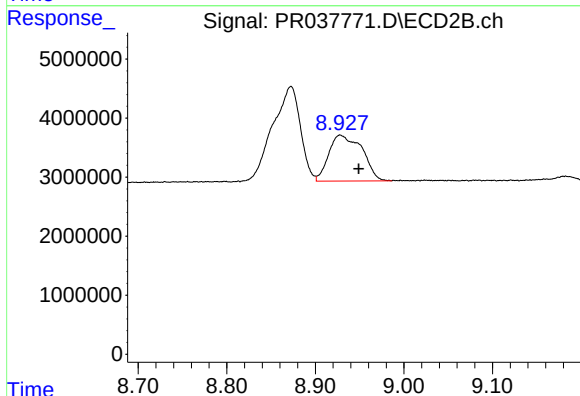
R.T.: 8.872 min
Delta R.T.: 0.021 min
Response: 34967919
Conc: 34.90 ng/ml



#42 AR-1268-2

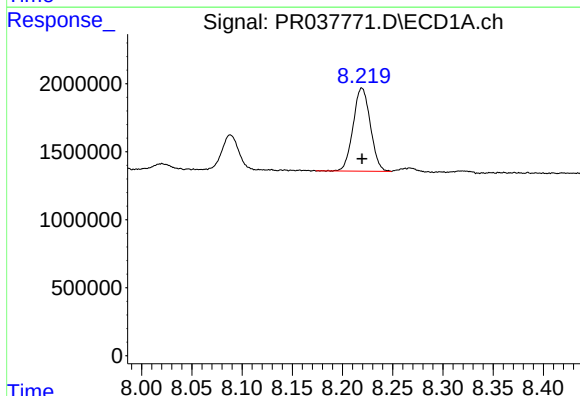
R.T.: 7.721 min
Delta R.T.: -0.001 min
Response: 22251437
Conc: 56.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



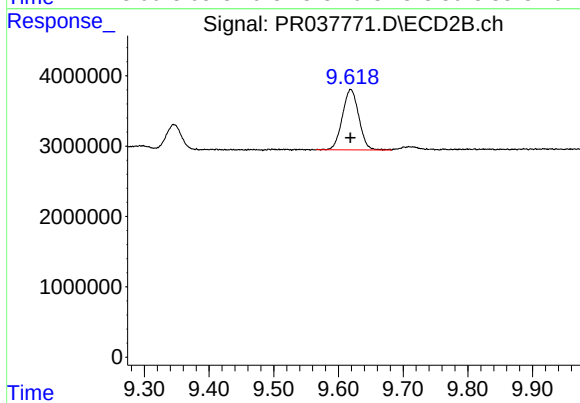
#42 AR-1268-2

R.T.: 8.928 min
Delta R.T.: -0.021 min
Response: 20344350
Conc: 22.50 ng/ml



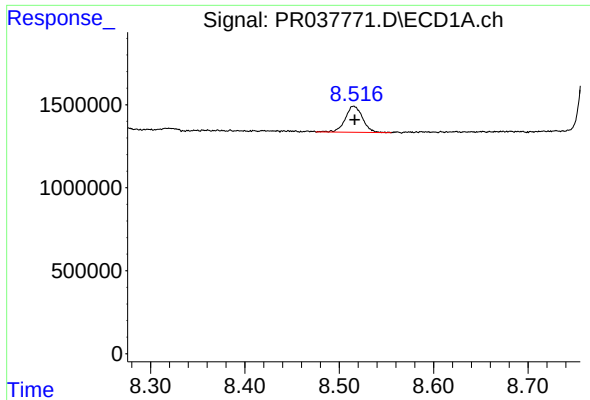
#44 AR-1268-4

R.T.: 8.219 min
Delta R.T.: 0.000 min
Response: 7291024
Conc: 56.83 ng/ml



#44 AR-1268-4

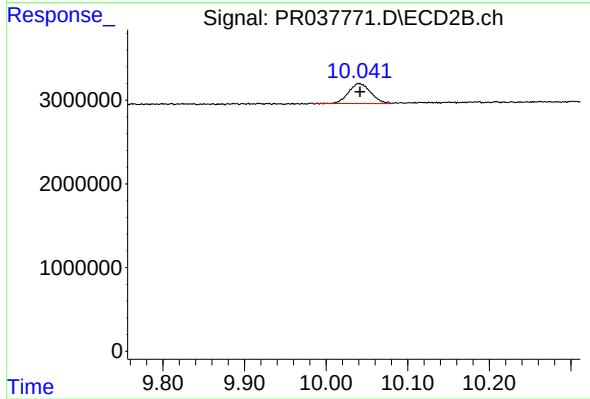
R.T.: 9.619 min
Delta R.T.: 0.000 min
Response: 15163167
Conc: 44.59 ng/ml



#45 AR-1268-5

R.T.: 8.515 min
Delta R.T.: -0.001 min
Response: 2000115
Conc: 2.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 10.040 min
Delta R.T.: -0.002 min
Response: 4526731
Conc: 1.77 ng/ml