

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0060523\
 Data File : P0095484.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jun 2023 20:59
 Operator : YP/AJ
 Sample : 03018-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 06 05:27:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0060123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 02 06:53:15 2023
 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...	4.438	3.654	72791679	32198207	19.751	20.528
2)	SA Decachlor...	10.285	8.713	40968774	21619088	15.137	16.711
Target Compounds							
3)	L1 AR-1016-1	5.620	4.748	1996814	1194305	16.476	20.511
4)	L1 AR-1016-2	5.642	4.768	3388740	1129016	20.168	14.725 #
5)	L1 AR-1016-3	5.705	4.949	1502244	833588	14.283	20.080 #
6)	L1 AR-1016-4	5.803	4.987	923686	980911	11.087	27.821 #
7)	L1 AR-1016-5	6.101	5.200	1825056	932084	22.063	20.951
8)	L2 AR-1221-1	4.645	3.859	839324	443041	18.224	21.715
9)	L2 AR-1221-2	4.746	3.955	1128547	966751	32.848	62.274 #
10)	L2 AR-1221-3	4.812	4.032	251793	361411	2.480	7.782 #
11)	L3 AR-1232-1	4.812	4.032	251793	361411	3.433	10.760 #
12)	L3 AR-1232-2	5.349	4.768	3679379	1129016	89.546	33.358 #
13)	L3 AR-1232-3	5.642	4.949	3388740	833588	45.850	44.709
14)	L3 AR-1232-4	5.803	5.030	923686	526252	24.941	29.579
15)	L3 AR-1232-5	5.897	5.200	1407359	932084	45.861	47.346
16)	L4 AR-1242-1	5.620	4.748	1996814	1194305	21.575	26.772
17)	L4 AR-1242-2	5.642	4.768	3388740	1129016	26.588	19.432 #
18)	L4 AR-1242-3	5.705	4.949	1502244	833588	18.460	26.472 #
19)	L4 AR-1242-4	5.803	5.030	923686	526252	14.329	15.601
20)	L4 AR-1242-5	6.552	5.558	2967339	3895148	42.982	90.846 #
21)	L5 AR-1248-1	5.620	4.748	1996814	1194305	26.950	33.932 #
22)	L5 AR-1248-2	5.897	4.987	1407359	980911	13.155	19.645 #
23)	L5 AR-1248-3	6.101	5.030	1825056	526252	15.932	10.048 #
24)	L5 AR-1248-4	6.509	5.200	1700952	932084	13.712	15.281
25)	L5 AR-1248-5	6.552	5.599	2967339	1853400	24.351	31.143 #
26)	L6 AR-1254-1	6.483	5.558	3875488	3895148	30.389	44.261 #
27)	L6 AR-1254-2	6.705	5.706	6160382	3463234	32.468	43.446 #
28)	L6 AR-1254-3	7.072	6.113	8624412	7654165	45.458	62.622 #
29)	L6 AR-1254-4	7.361	6.342	4658908	2559969	32.907	33.921
30)	L6 AR-1254-5	7.782	6.764	8689017	4926538	54.813	44.032
31)	L7 AR-1260-1	7.238	6.243	4462565	5407748	30.097	63.389 #
32)	L7 AR-1260-2	7.495	6.434	7334286	4751573	41.784	46.501
33)	L7 AR-1260-3	7.860	6.588	3685801	2422761	32.833	25.876
34)	L7 AR-1260-4	8.085	7.063	4733063	1993867	34.736	29.312
35)	L7 AR-1260-5	8.413	7.305	7126340	5803117	27.994	36.798 #
36)	L8 AR-1262-1	7.860	6.856	3685801	1202501	19.968	25.973 #
37)	L8 AR-1262-2	8.413	7.063	7126340	1993867	22.320	20.443
38)	L8 AR-1262-3	8.734	7.593	8809461	4162181	39.683	54.294 #
39)	L8 AR-1262-4	8.827	7.657	7207541	5660982	61.214	41.186 #
40)	L8 AR-1262-5	9.502	8.155	5621717	3113399	46.865	48.947
41)	L9 AR-1268-1	8.734	7.593	8809461	4162181	23.887	19.257

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 ALS Vial : 33 Sample Multiplier: 1

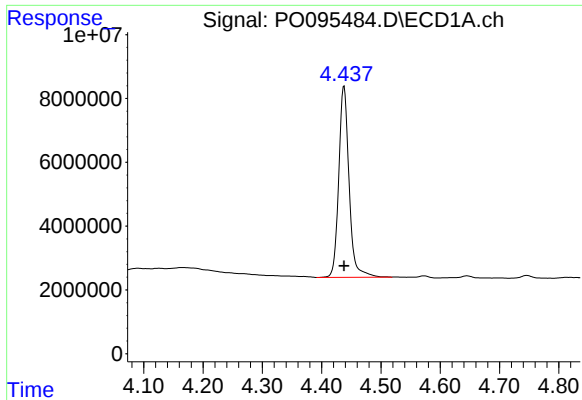
Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 06 05:27:01 2023
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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	8.827	7.657	7207541	5660982	21.274	29.659 #
43) L9	AR-1268-3	9.064	7.867	1804699	863536	6.242	5.327
44) L9	AR-1268-4	9.502	8.155	5621717	3113399	44.205	45.253
45) L9	AR-1268-5	9.932	8.452	8585397	4103934	9.127	8.556

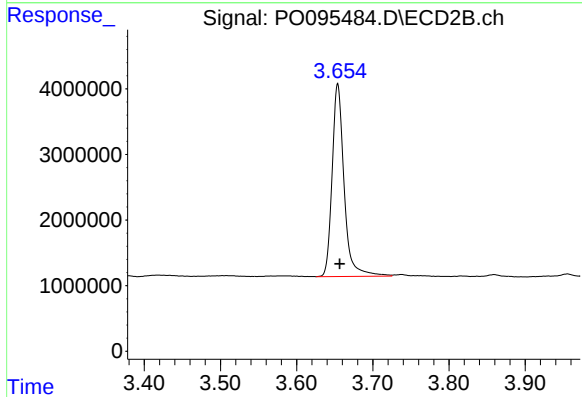
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

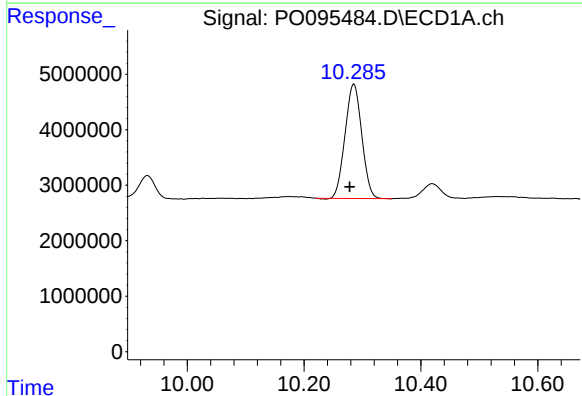
R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 72791679
Conc: 19.75 ng/ml

Instrument :
ECD_L
ClientSampleId :



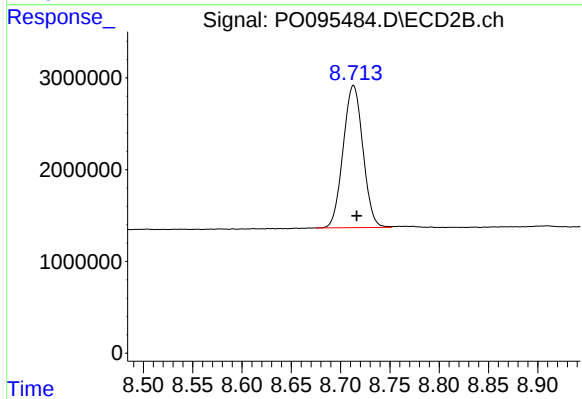
#1 Tetrachloro-m-xylene

R.T.: 3.654 min
Delta R.T.: -0.002 min
Response: 32198207
Conc: 20.53 ng/ml



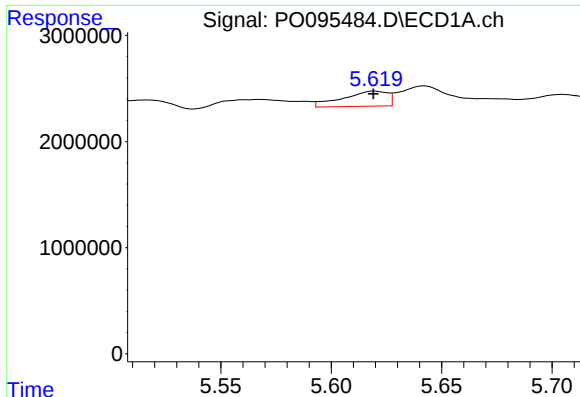
#2 Decachlorobiphenyl

R.T.: 10.285 min
Delta R.T.: 0.007 min
Response: 40968774
Conc: 15.14 ng/ml



#2 Decachlorobiphenyl

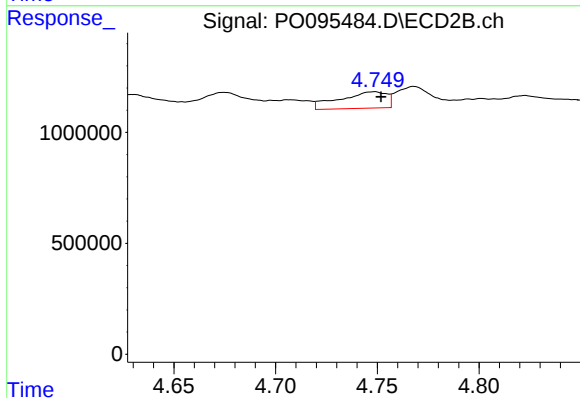
R.T.: 8.713 min
Delta R.T.: -0.003 min
Response: 21619088
Conc: 16.71 ng/ml



#3 AR-1016-1

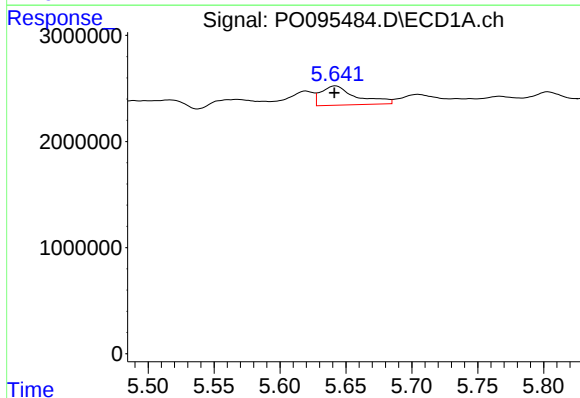
R.T.: 5.620 min
Delta R.T.: 0.000 min
Response: 1996814
Conc: 16.48 ng/ml

Instrument :
ECD_L
ClientSampleId :



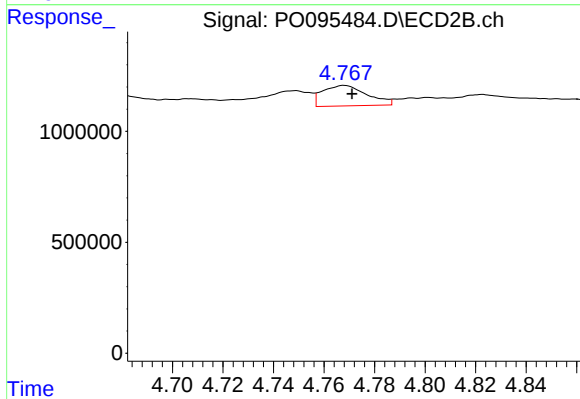
#3 AR-1016-1

R.T.: 4.748 min
Delta R.T.: -0.004 min
Response: 1194305
Conc: 20.51 ng/ml



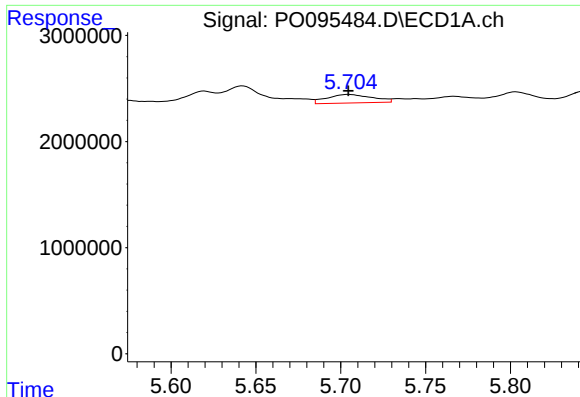
#4 AR-1016-2

R.T.: 5.642 min
Delta R.T.: 0.000 min
Response: 3388740
Conc: 20.17 ng/ml



#4 AR-1016-2

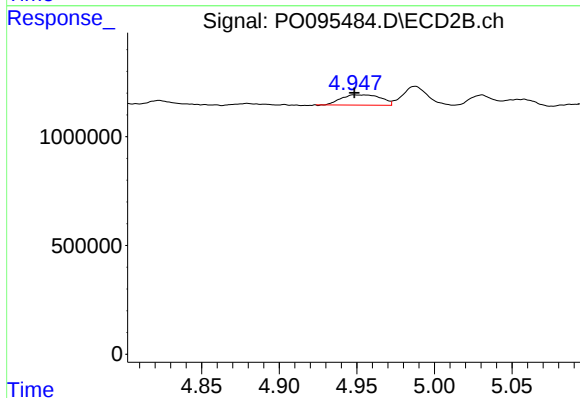
R.T.: 4.768 min
Delta R.T.: -0.003 min
Response: 1129016
Conc: 14.72 ng/ml



#5 AR-1016-3

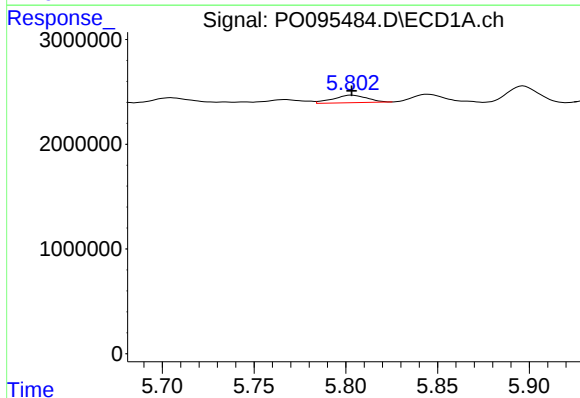
R.T.: 5.705 min
Delta R.T.: 0.000 min
Response: 1502244
Conc: 14.28 ng/ml

Instrument :
ECD_L
ClientSampleId :



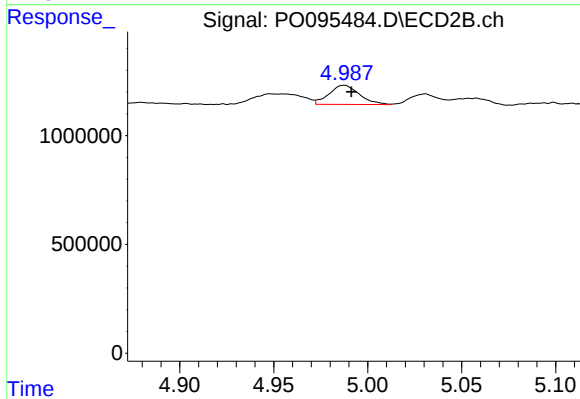
#5 AR-1016-3

R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 833588
Conc: 20.08 ng/ml



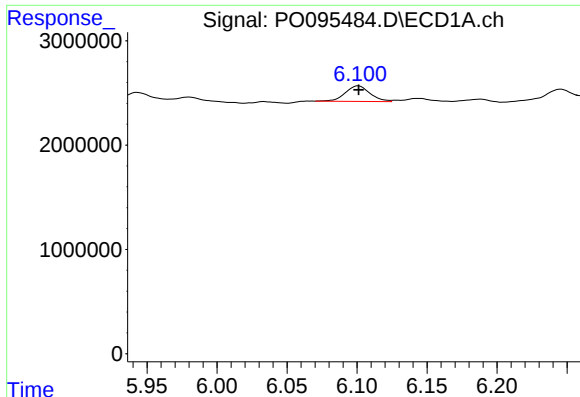
#6 AR-1016-4

R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 923686
Conc: 11.09 ng/ml



#6 AR-1016-4

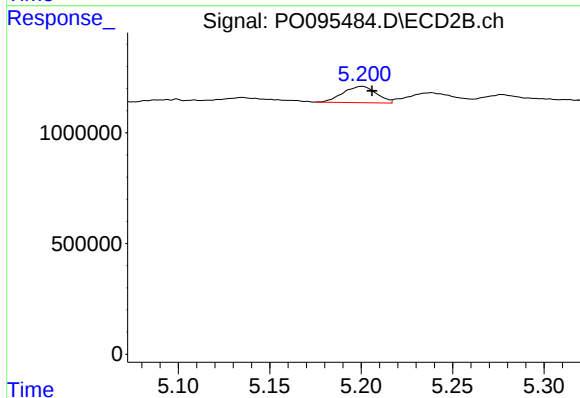
R.T.: 4.987 min
Delta R.T.: -0.004 min
Response: 980911
Conc: 27.82 ng/ml



#7 AR-1016-5

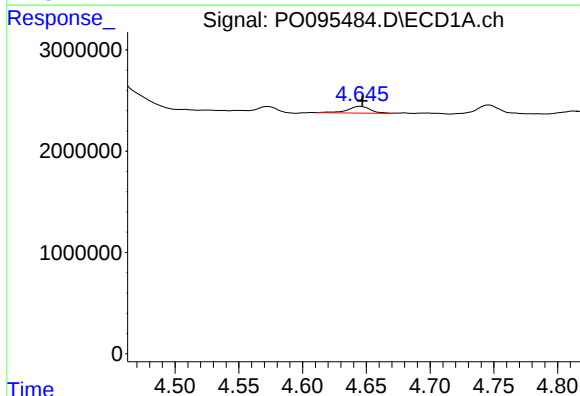
R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 1825056
Conc: 22.06 ng/ml

Instrument :
ECD_L
ClientSampleId :



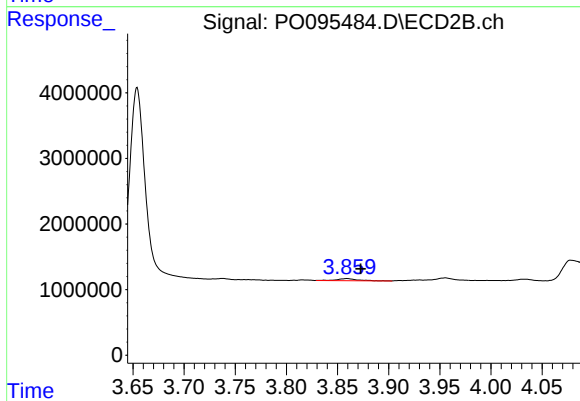
#7 AR-1016-5

R.T.: 5.200 min
Delta R.T.: -0.006 min
Response: 932084
Conc: 20.95 ng/ml



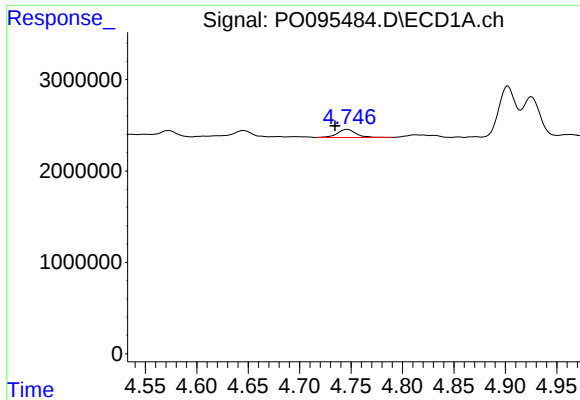
#8 AR-1221-1

R.T.: 4.645 min
Delta R.T.: -0.002 min
Response: 839324
Conc: 18.22 ng/ml



#8 AR-1221-1

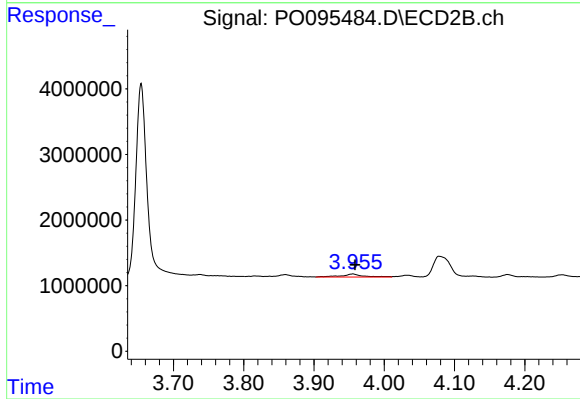
R.T.: 3.859 min
Delta R.T.: -0.014 min
Response: 443041
Conc: 21.71 ng/ml



#9 AR-1221-2

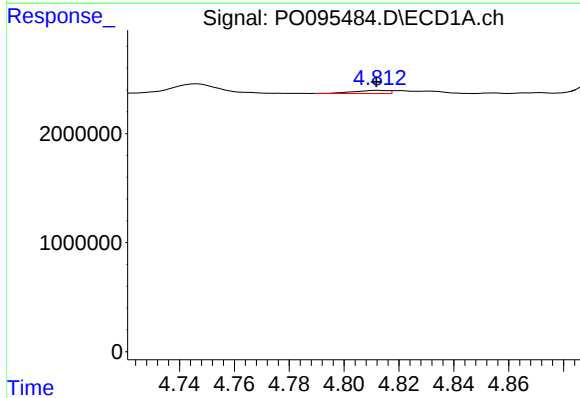
R.T.: 4.746 min
Delta R.T.: 0.012 min
Response: 1128547
Conc: 32.85 ng/ml

Instrument :
ECD_L
ClientSampleId :



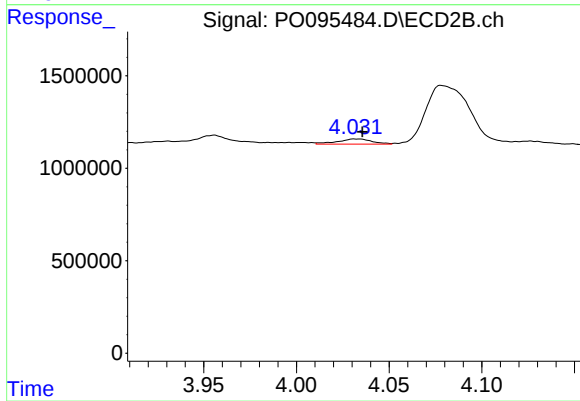
#9 AR-1221-2

R.T.: 3.955 min
Delta R.T.: -0.003 min
Response: 966751
Conc: 62.27 ng/ml



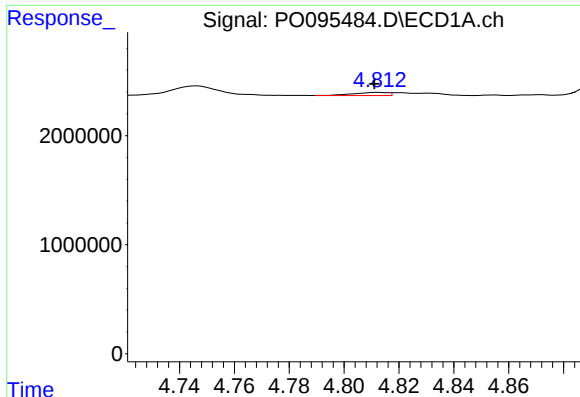
#10 AR-1221-3

R.T.: 4.812 min
Delta R.T.: 0.000 min
Response: 251793
Conc: 2.48 ng/ml



#10 AR-1221-3

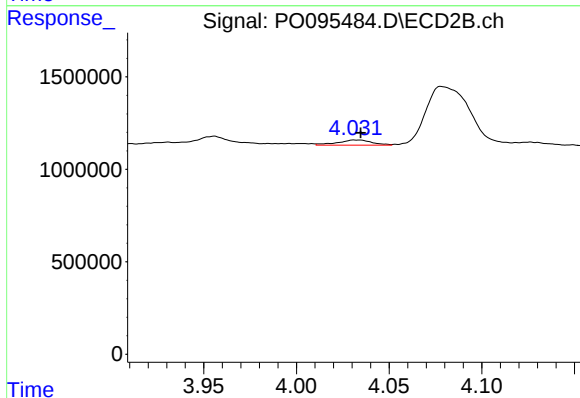
R.T.: 4.032 min
Delta R.T.: -0.003 min
Response: 361411
Conc: 7.78 ng/ml



#11 AR-1232-1

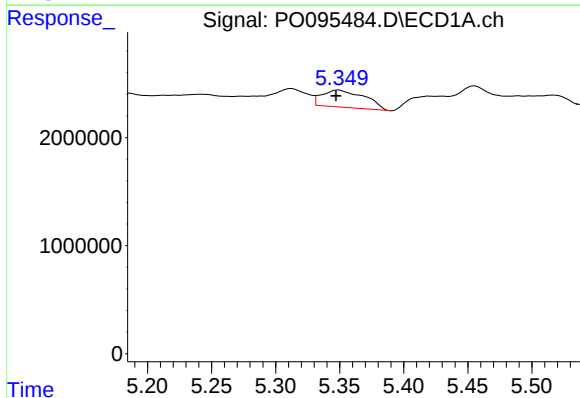
R.T.: 4.812 min
Delta R.T.: 0.001 min
Response: 251793
Conc: 3.43 ng/ml

Instrument :
ECD_L
ClientSampleId :



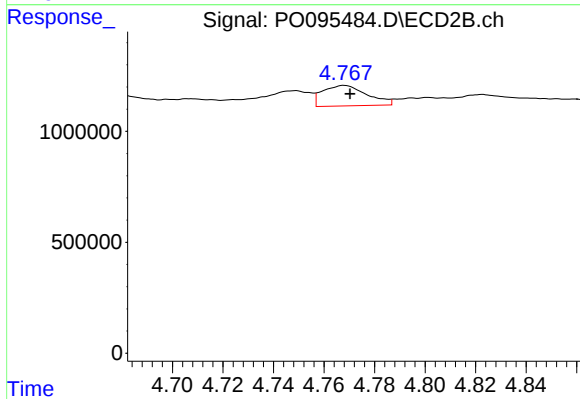
#11 AR-1232-1

R.T.: 4.032 min
Delta R.T.: -0.002 min
Response: 361411
Conc: 10.76 ng/ml



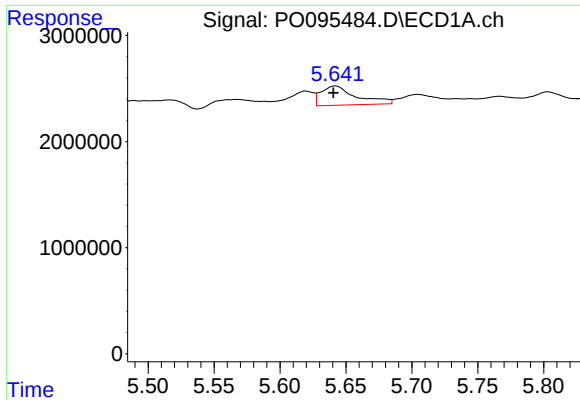
#12 AR-1232-2

R.T.: 5.349 min
Delta R.T.: 0.002 min
Response: 3679379
Conc: 89.55 ng/ml



#12 AR-1232-2

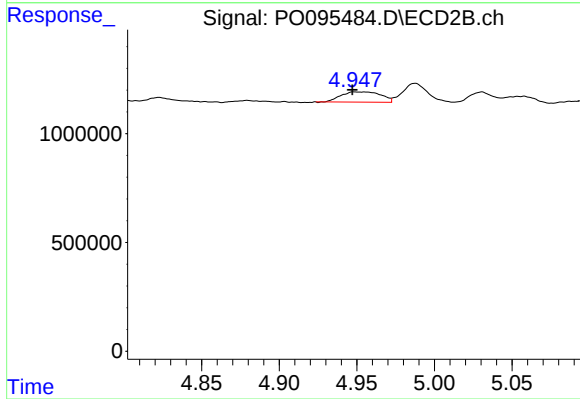
R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 1129016
Conc: 33.36 ng/ml



#13 AR-1232-3

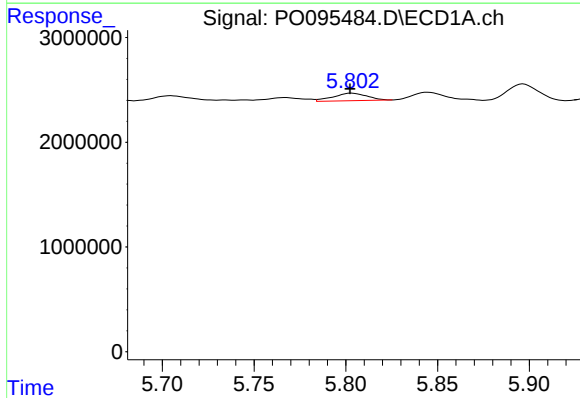
R.T.: 5.642 min
Delta R.T.: 0.002 min
Response: 3388740
Conc: 45.85 ng/ml

Instrument :
ECD_L
ClientSampleId :



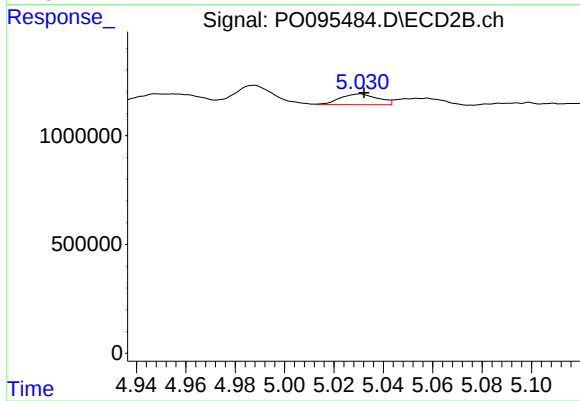
#13 AR-1232-3

R.T.: 4.949 min
Delta R.T.: 0.002 min
Response: 833588
Conc: 44.71 ng/ml



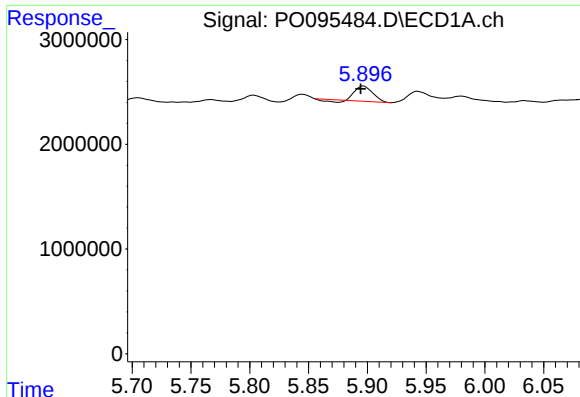
#14 AR-1232-4

R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 923686
Conc: 24.94 ng/ml



#14 AR-1232-4

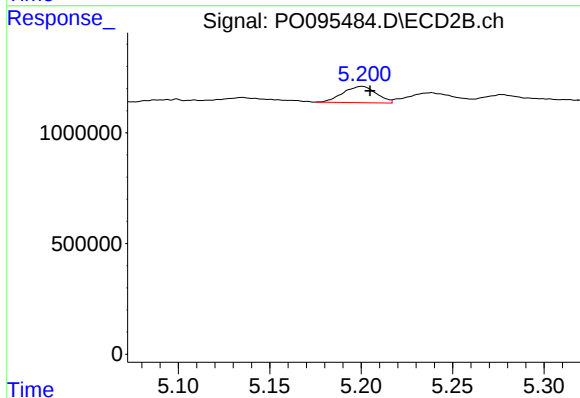
R.T.: 5.030 min
Delta R.T.: -0.002 min
Response: 526252
Conc: 29.58 ng/ml



#15 AR-1232-5

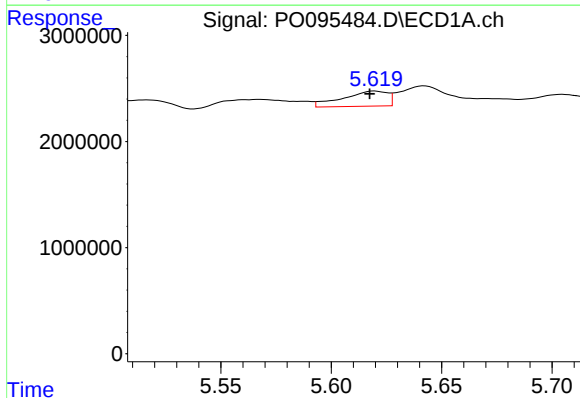
R.T.: 5.897 min
Delta R.T.: 0.002 min
Response: 1407359
Conc: 45.86 ng/ml

Instrument :
ECD_L
ClientSampleId :



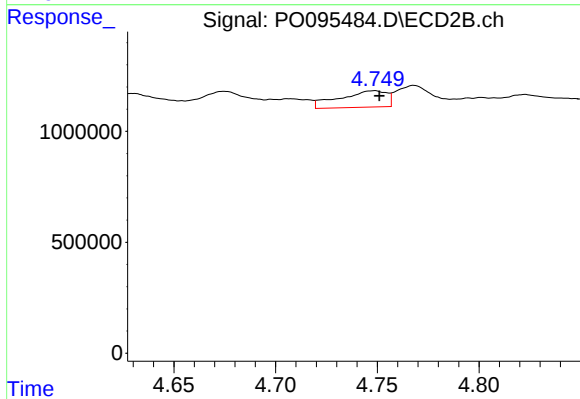
#15 AR-1232-5

R.T.: 5.200 min
Delta R.T.: -0.004 min
Response: 932084
Conc: 47.35 ng/ml



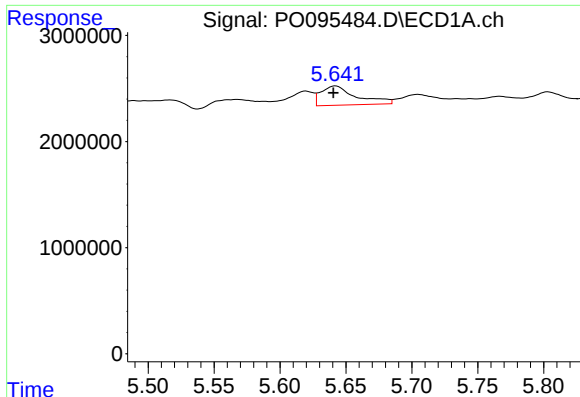
#16 AR-1242-1

R.T.: 5.620 min
Delta R.T.: 0.002 min
Response: 1996814
Conc: 21.57 ng/ml



#16 AR-1242-1

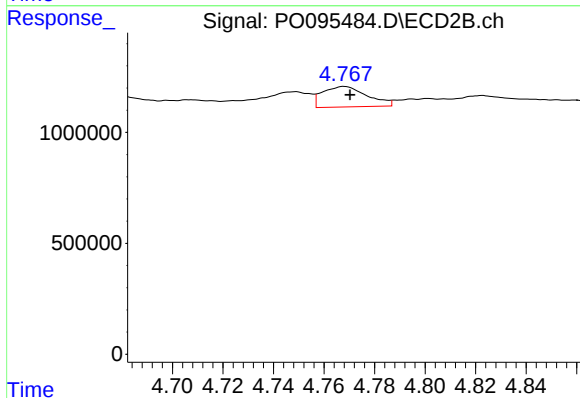
R.T.: 4.748 min
Delta R.T.: -0.003 min
Response: 1194305
Conc: 26.77 ng/ml



#17 AR-1242-2

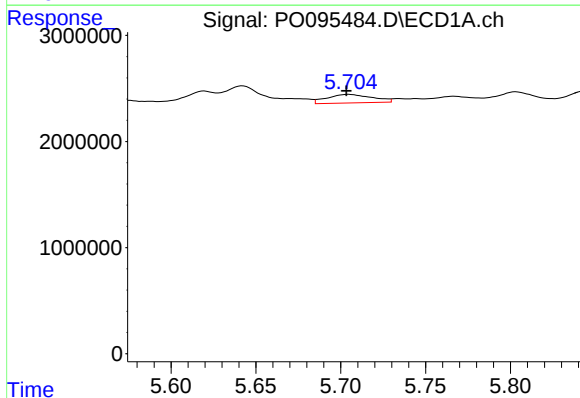
R.T.: 5.642 min
Delta R.T.: 0.002 min
Response: 3388740
Conc: 26.59 ng/ml

Instrument :
ECD_L
ClientSampleId :



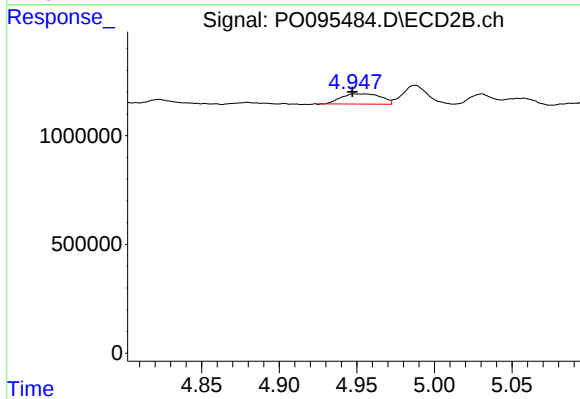
#17 AR-1242-2

R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 1129016
Conc: 19.43 ng/ml



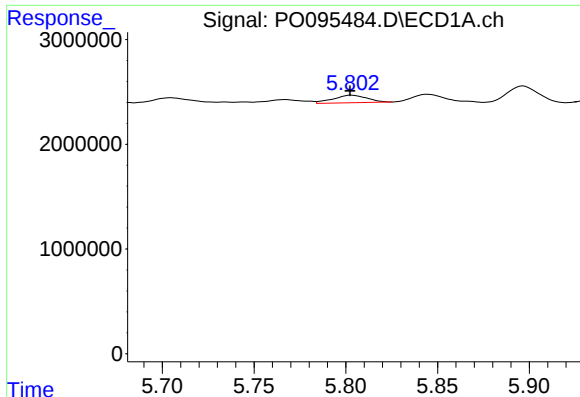
#18 AR-1242-3

R.T.: 5.705 min
Delta R.T.: 0.001 min
Response: 1502244
Conc: 18.46 ng/ml



#18 AR-1242-3

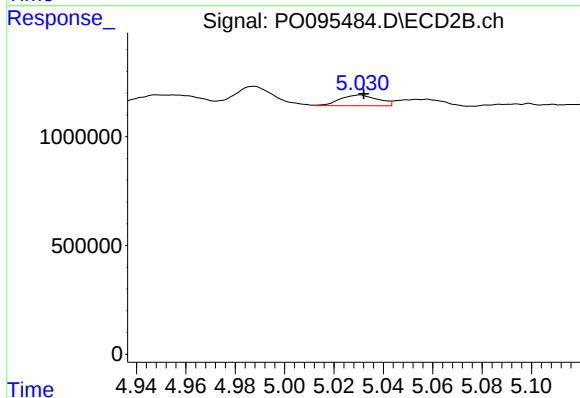
R.T.: 4.949 min
Delta R.T.: 0.002 min
Response: 833588
Conc: 26.47 ng/ml



#19 AR-1242-4

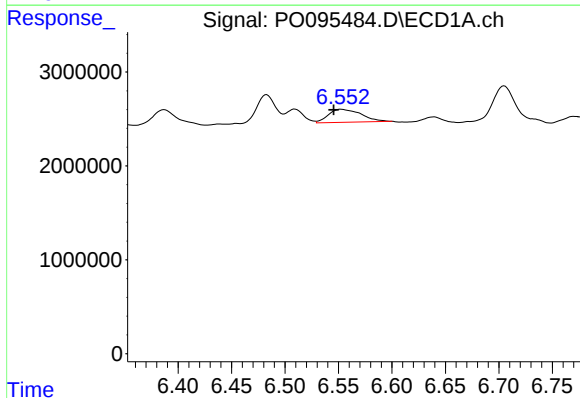
R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 923686
Conc: 14.33 ng/ml

Instrument :
ECD_L
ClientSampleId :



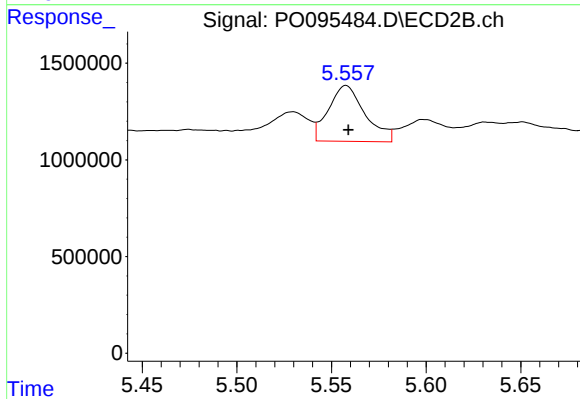
#19 AR-1242-4

R.T.: 5.030 min
Delta R.T.: -0.002 min
Response: 526252
Conc: 15.60 ng/ml



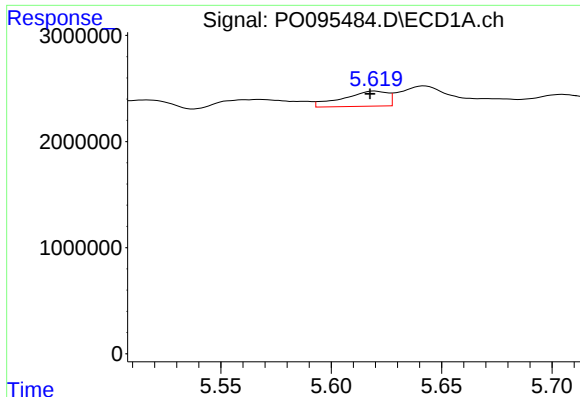
#20 AR-1242-5

R.T.: 6.552 min
Delta R.T.: 0.007 min
Response: 2967339
Conc: 42.98 ng/ml



#20 AR-1242-5

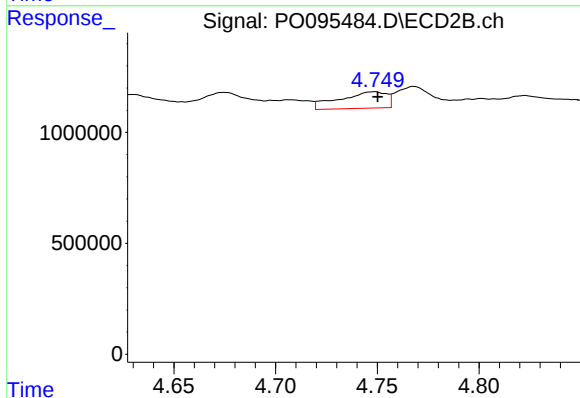
R.T.: 5.558 min
Delta R.T.: -0.001 min
Response: 3895148
Conc: 90.85 ng/ml



#21 AR-1248-1

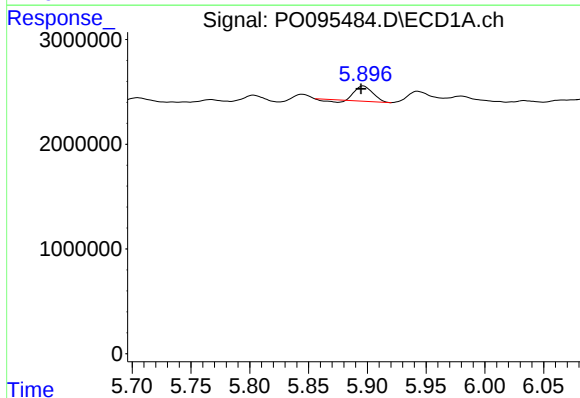
R.T.: 5.620 min
Delta R.T.: 0.002 min
Response: 1996814
Conc: 26.95 ng/ml

Instrument :
ECD_L
ClientSampleId :



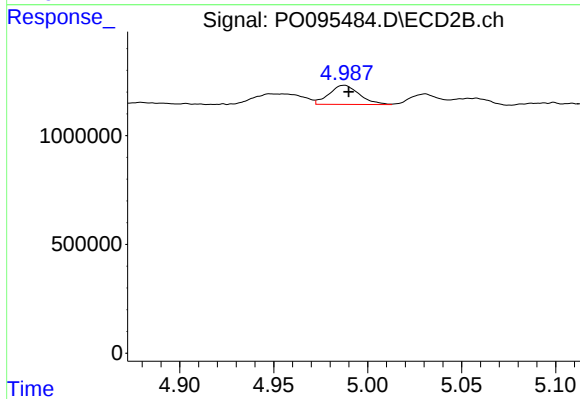
#21 AR-1248-1

R.T.: 4.748 min
Delta R.T.: -0.002 min
Response: 1194305
Conc: 33.93 ng/ml



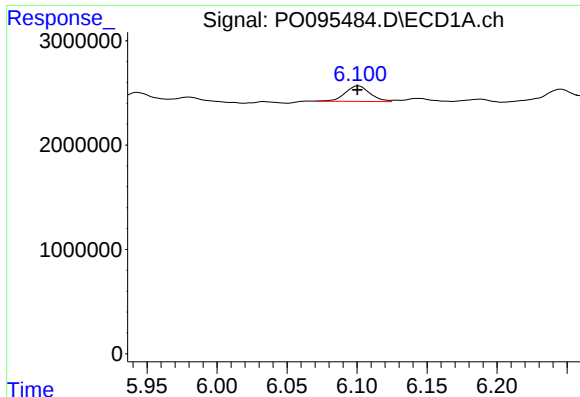
#22 AR-1248-2

R.T.: 5.897 min
Delta R.T.: 0.002 min
Response: 1407359
Conc: 13.16 ng/ml



#22 AR-1248-2

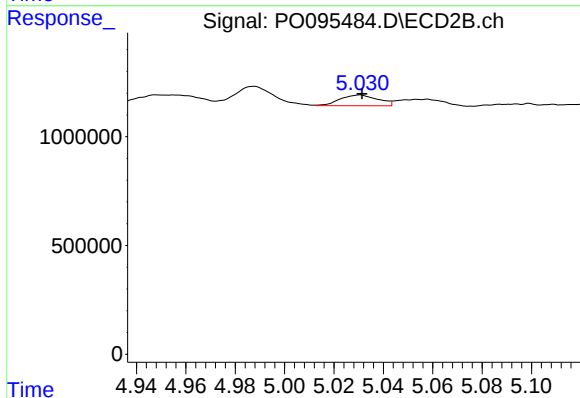
R.T.: 4.987 min
Delta R.T.: -0.002 min
Response: 980911
Conc: 19.64 ng/ml



#23 AR-1248-3

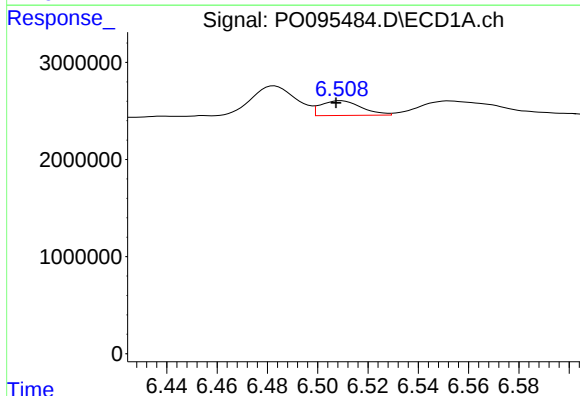
R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 1825056
Conc: 15.93 ng/ml

Instrument :
ECD_L
ClientSampleId :



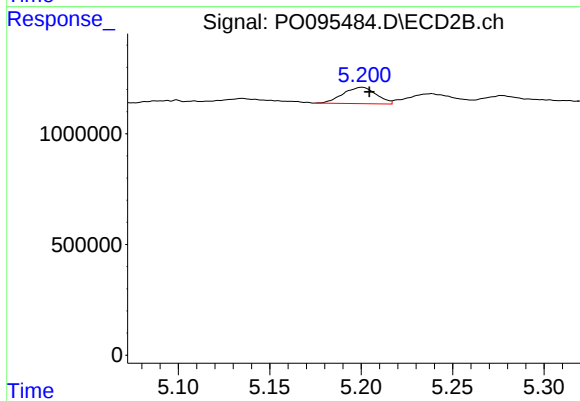
#23 AR-1248-3

R.T.: 5.030 min
Delta R.T.: -0.001 min
Response: 526252
Conc: 10.05 ng/ml



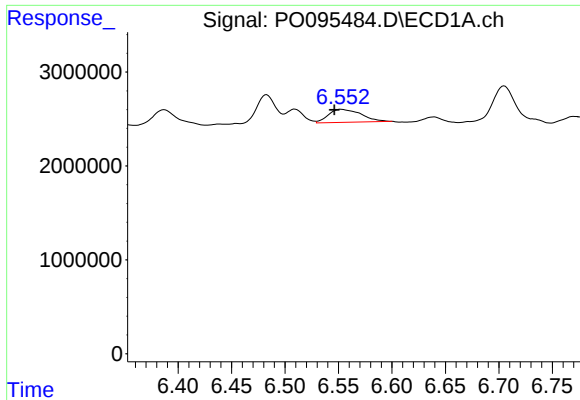
#24 AR-1248-4

R.T.: 6.509 min
Delta R.T.: 0.002 min
Response: 1700952
Conc: 13.71 ng/ml



#24 AR-1248-4

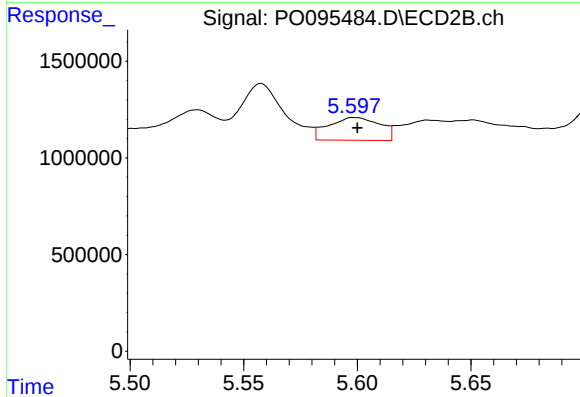
R.T.: 5.200 min
Delta R.T.: -0.004 min
Response: 932084
Conc: 15.28 ng/ml



#25 AR-1248-5

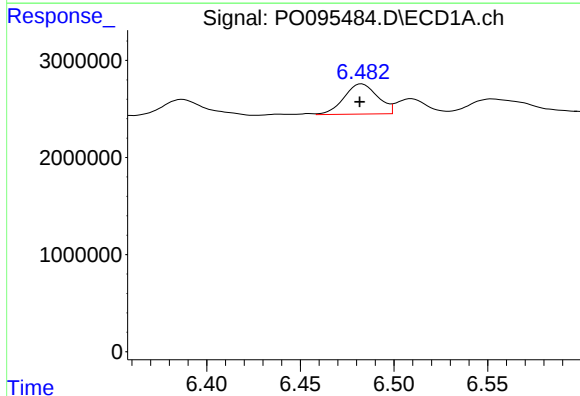
R.T.: 6.552 min
Delta R.T.: 0.006 min
Response: 2967339
Conc: 24.35 ng/ml

Instrument :
ECD_L
ClientSampleId :



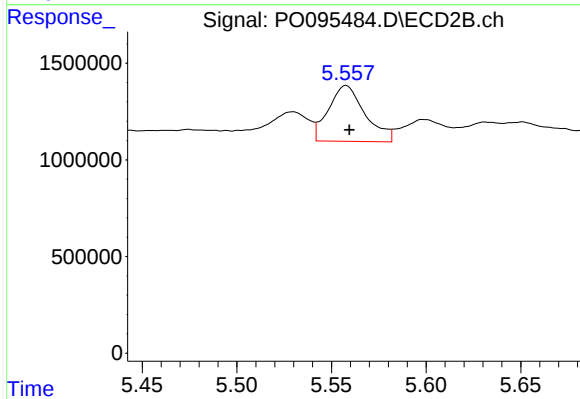
#25 AR-1248-5

R.T.: 5.599 min
Delta R.T.: -0.001 min
Response: 1853400
Conc: 31.14 ng/ml



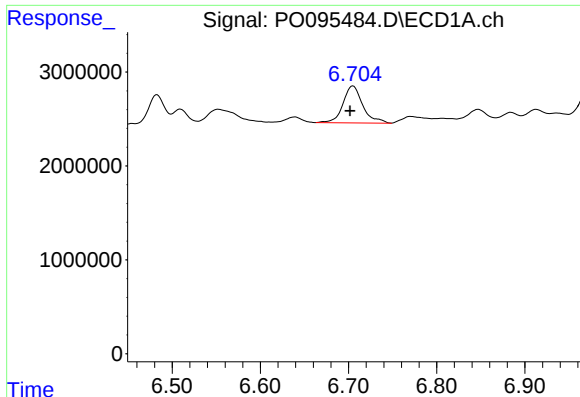
#26 AR-1254-1

R.T.: 6.483 min
Delta R.T.: 0.000 min
Response: 3875488
Conc: 30.39 ng/ml



#26 AR-1254-1

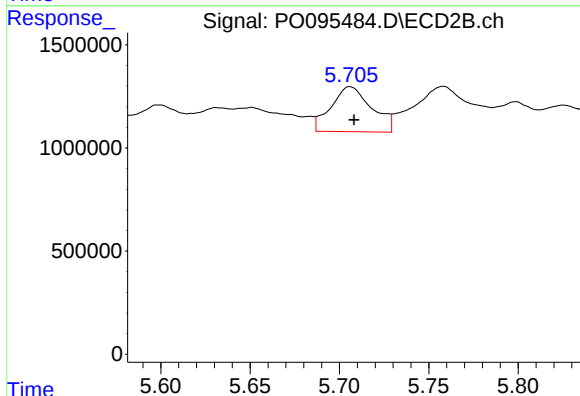
R.T.: 5.558 min
Delta R.T.: -0.002 min
Response: 3895148
Conc: 44.26 ng/ml



#27 AR-1254-2

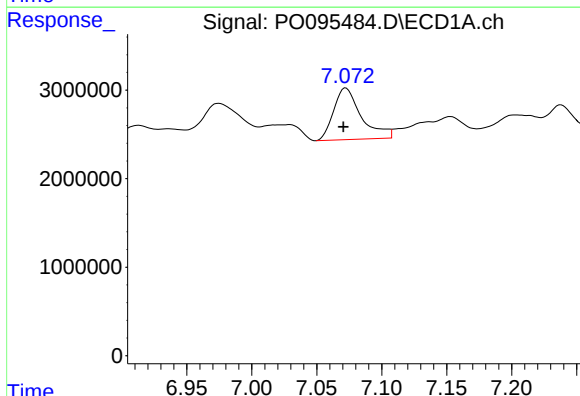
R.T.: 6.705 min
Delta R.T.: 0.003 min
Response: 6160382
Conc: 32.47 ng/ml

Instrument :
ECD_L
ClientSampleId :



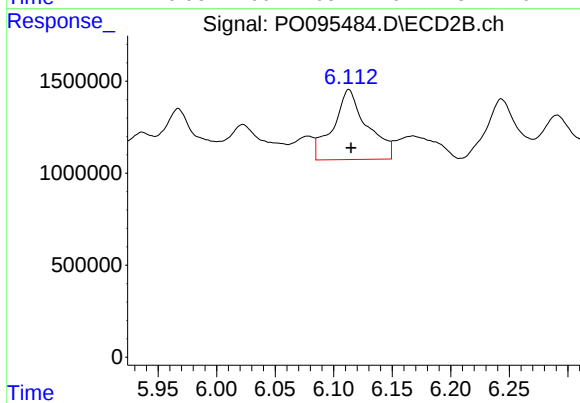
#27 AR-1254-2

R.T.: 5.706 min
Delta R.T.: -0.002 min
Response: 3463234
Conc: 43.45 ng/ml



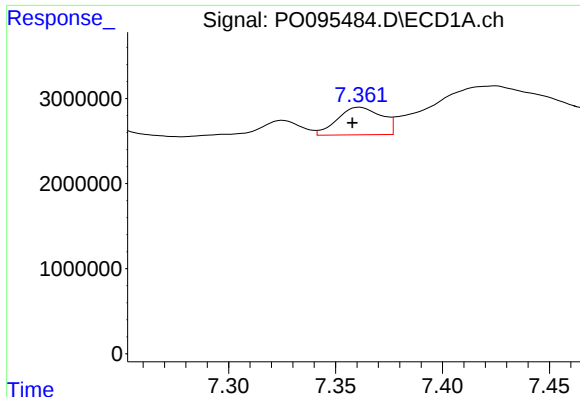
#28 AR-1254-3

R.T.: 7.072 min
Delta R.T.: 0.002 min
Response: 8624412
Conc: 45.46 ng/ml



#28 AR-1254-3

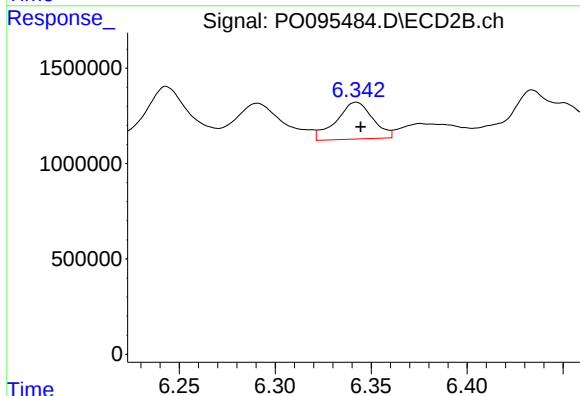
R.T.: 6.113 min
Delta R.T.: -0.002 min
Response: 7654165
Conc: 62.62 ng/ml



#29 AR-1254-4

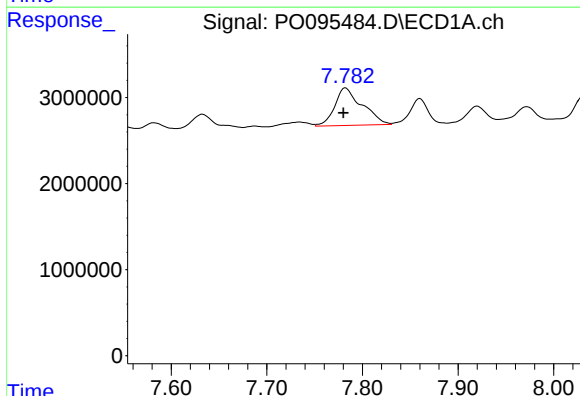
R.T.: 7.361 min
Delta R.T.: 0.003 min
Response: 4658908
Conc: 32.91 ng/ml

Instrument :
ECD_L
ClientSampleId :



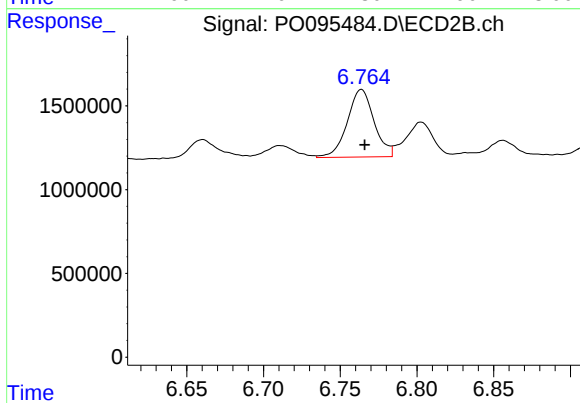
#29 AR-1254-4

R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 2559969
Conc: 33.92 ng/ml



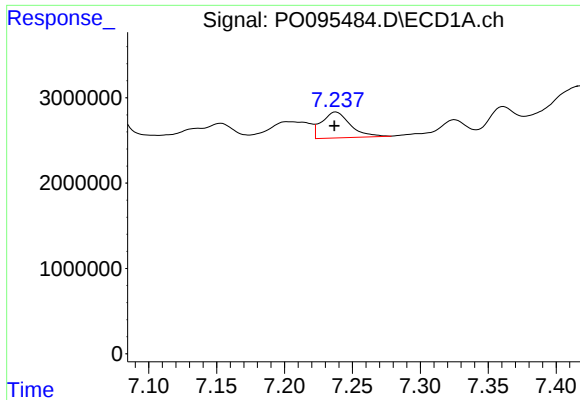
#30 AR-1254-5

R.T.: 7.782 min
Delta R.T.: 0.002 min
Response: 8689017
Conc: 54.81 ng/ml



#30 AR-1254-5

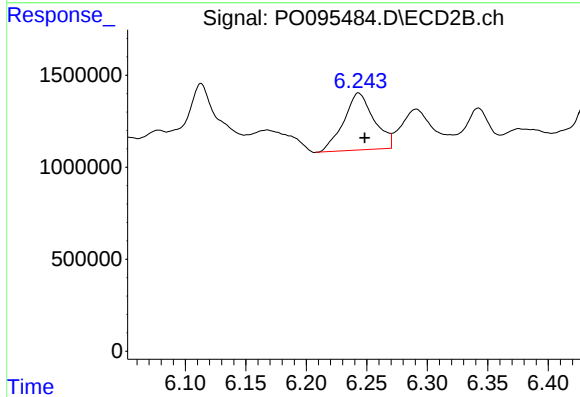
R.T.: 6.764 min
Delta R.T.: -0.002 min
Response: 4926538
Conc: 44.03 ng/ml



#31 AR-1260-1

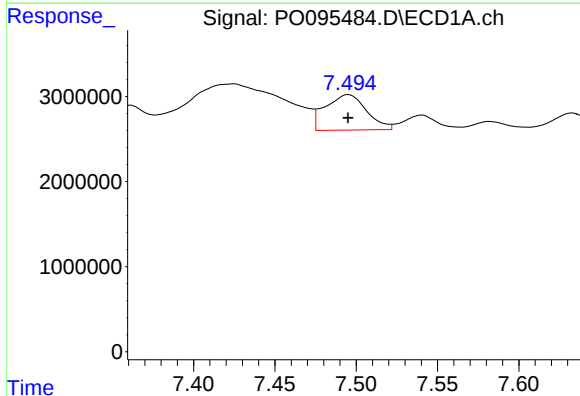
R.T.: 7.238 min
Delta R.T.: 0.001 min
Response: 4462565
Conc: 30.10 ng/ml

Instrument :
ECD_L
ClientSampleId :



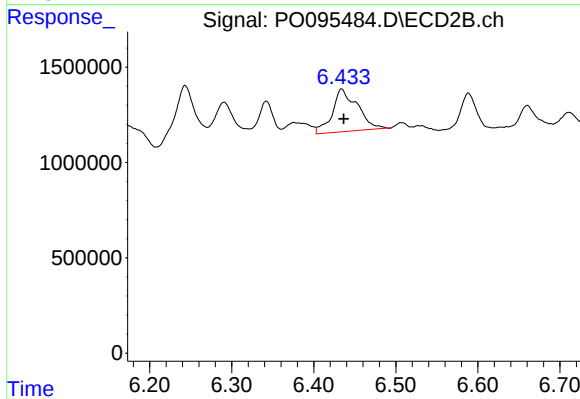
#31 AR-1260-1

R.T.: 6.243 min
Delta R.T.: -0.005 min
Response: 5407748
Conc: 63.39 ng/ml



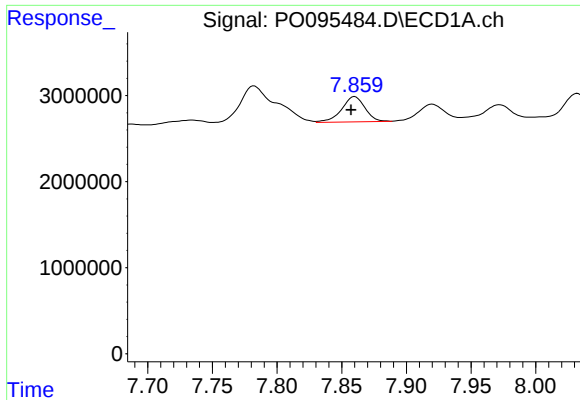
#32 AR-1260-2

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 7334286
Conc: 41.78 ng/ml



#32 AR-1260-2

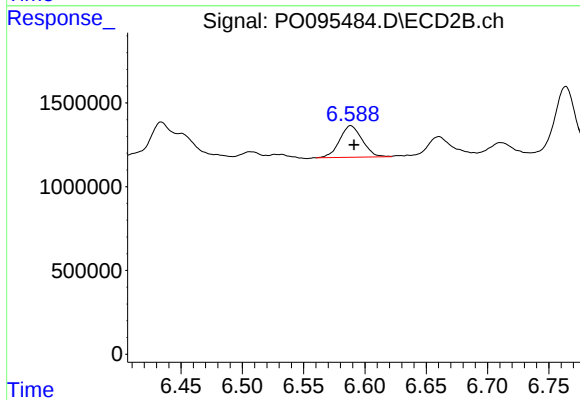
R.T.: 6.434 min
Delta R.T.: -0.003 min
Response: 4751573
Conc: 46.50 ng/ml



#33 AR-1260-3

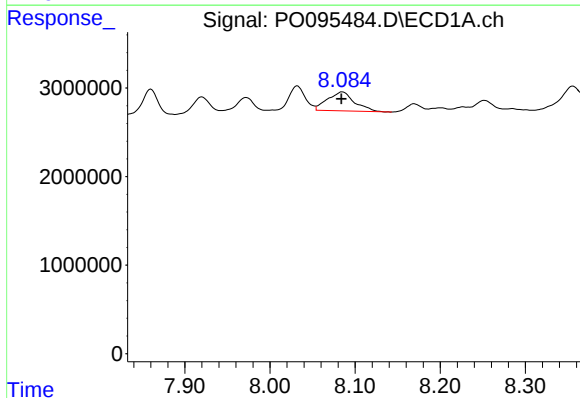
R.T.: 7.860 min
Delta R.T.: 0.003 min
Response: 3685801
Conc: 32.83 ng/ml

Instrument :
ECD_L
ClientSampleId :



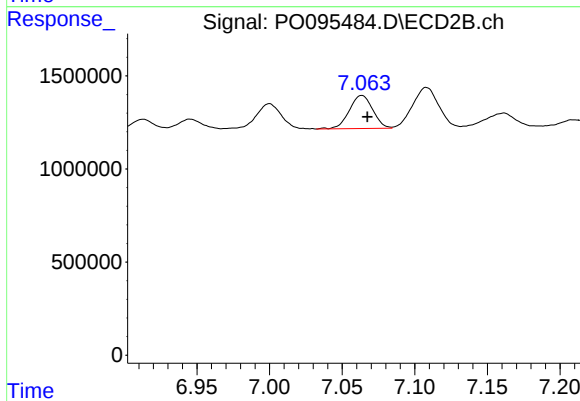
#33 AR-1260-3

R.T.: 6.588 min
Delta R.T.: -0.003 min
Response: 2422761
Conc: 25.88 ng/ml



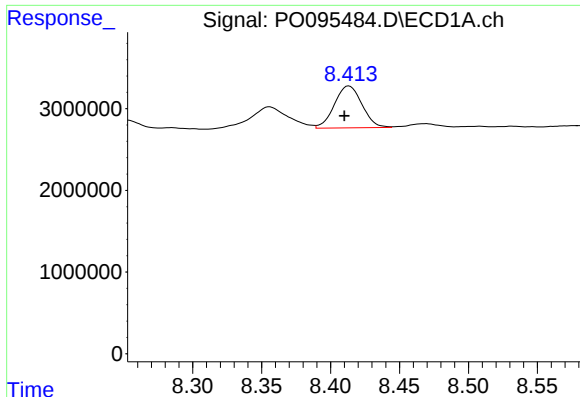
#34 AR-1260-4

R.T.: 8.085 min
Delta R.T.: 0.001 min
Response: 4733063
Conc: 34.74 ng/ml



#34 AR-1260-4

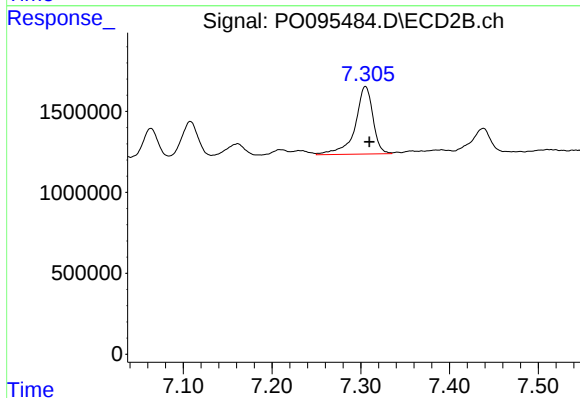
R.T.: 7.063 min
Delta R.T.: -0.004 min
Response: 1993867
Conc: 29.31 ng/ml



#35 AR-1260-5

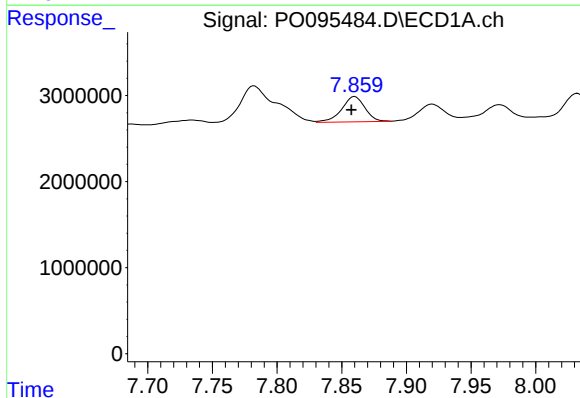
R.T.: 8.413 min
Delta R.T.: 0.003 min
Response: 7126340
Conc: 27.99 ng/ml

Instrument :
ECD_L
ClientSampleId :



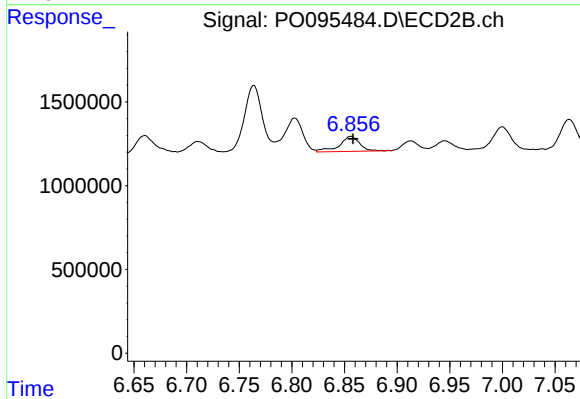
#35 AR-1260-5

R.T.: 7.305 min
Delta R.T.: -0.004 min
Response: 5803117
Conc: 36.80 ng/ml



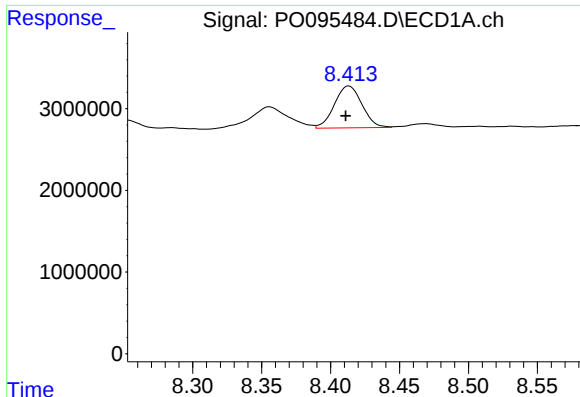
#36 AR-1262-1

R.T.: 7.860 min
Delta R.T.: 0.003 min
Response: 3685801
Conc: 19.97 ng/ml



#36 AR-1262-1

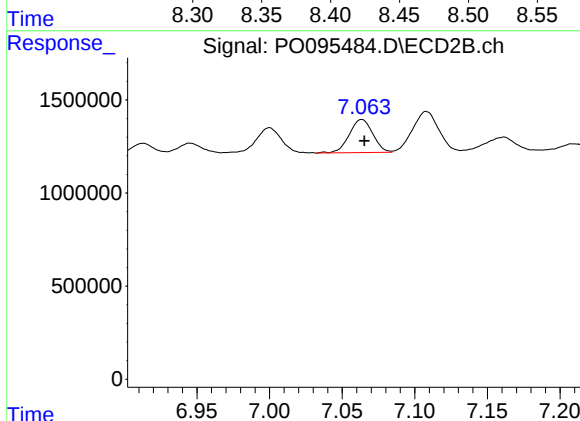
R.T.: 6.856 min
Delta R.T.: -0.002 min
Response: 1202501
Conc: 25.97 ng/ml



#37 AR-1262-2

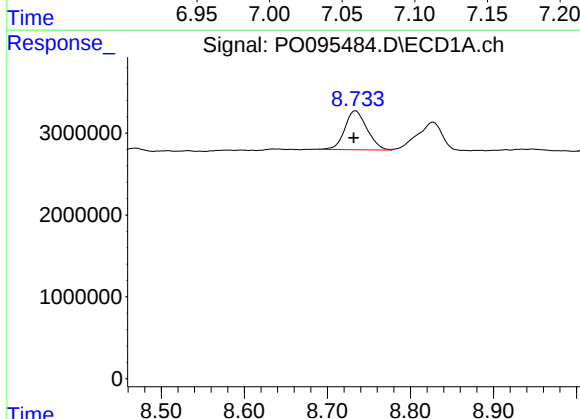
R.T.: 8.413 min
Delta R.T.: 0.002 min
Response: 7126340
Conc: 22.32 ng/ml

Instrument :
ECD_L
ClientSampleId :



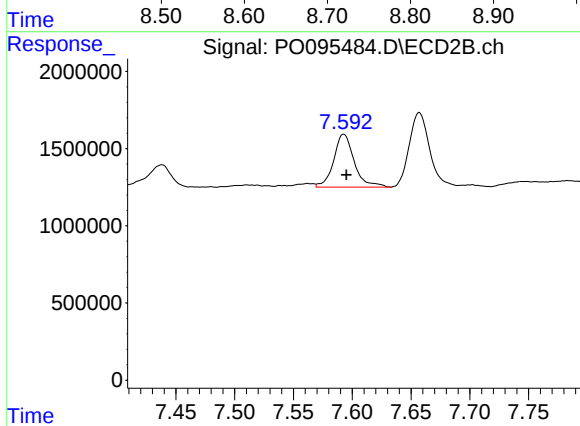
#37 AR-1262-2

R.T.: 7.063 min
Delta R.T.: -0.002 min
Response: 1993867
Conc: 20.44 ng/ml



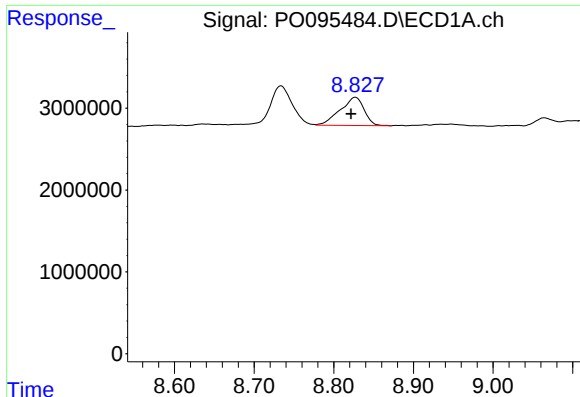
#38 AR-1262-3

R.T.: 8.734 min
Delta R.T.: 0.002 min
Response: 8809461
Conc: 39.68 ng/ml



#38 AR-1262-3

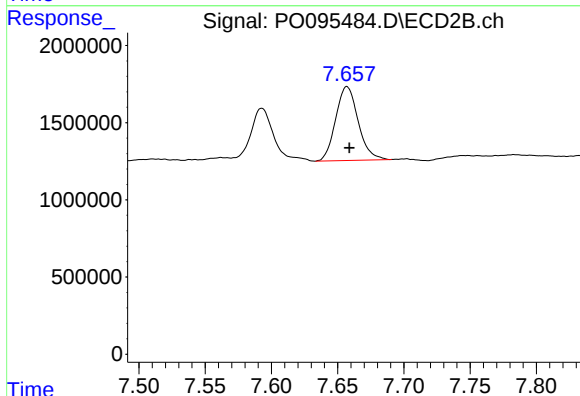
R.T.: 7.593 min
Delta R.T.: -0.002 min
Response: 4162181
Conc: 54.29 ng/ml



#39 AR-1262-4

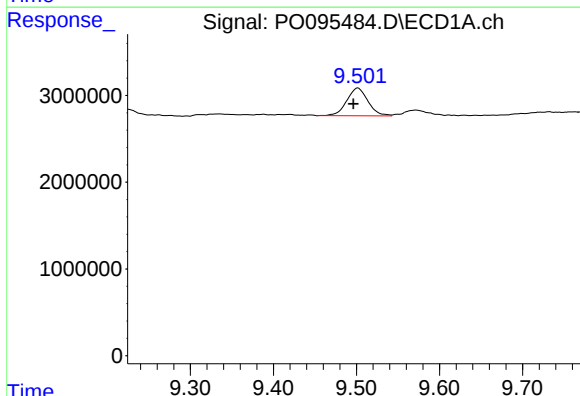
R.T.: 8.827 min
Delta R.T.: 0.005 min
Response: 7207541
Conc: 61.21 ng/ml

Instrument :
ECD_L
ClientSampleId :



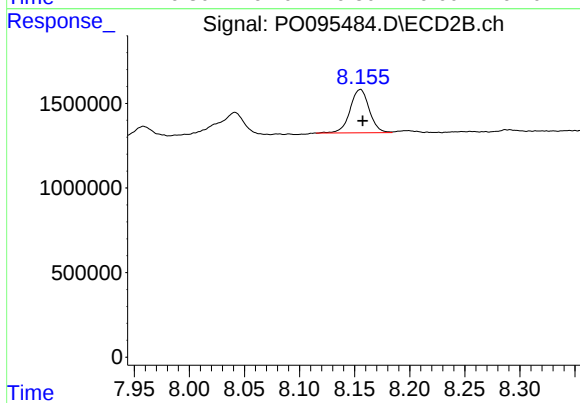
#39 AR-1262-4

R.T.: 7.657 min
Delta R.T.: -0.002 min
Response: 5660982
Conc: 41.19 ng/ml



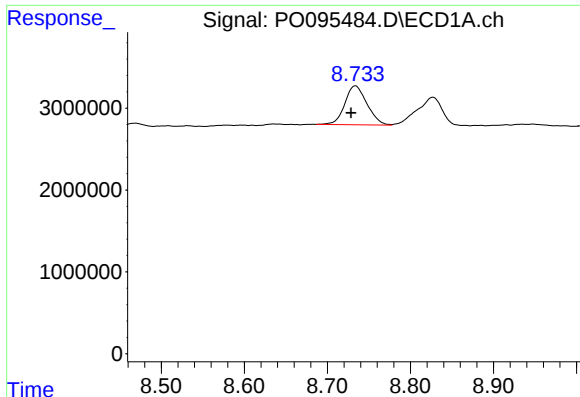
#40 AR-1262-5

R.T.: 9.502 min
Delta R.T.: 0.005 min
Response: 5621717
Conc: 46.87 ng/ml



#40 AR-1262-5

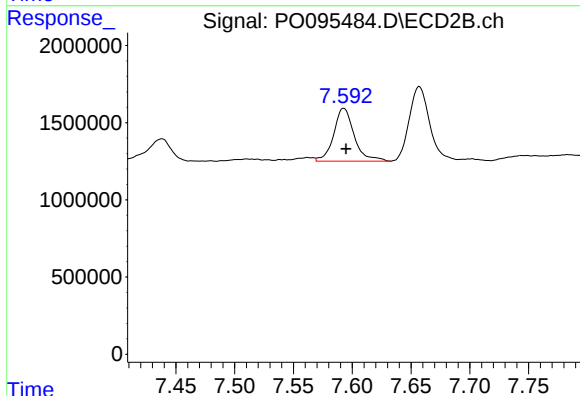
R.T.: 8.155 min
Delta R.T.: -0.002 min
Response: 3113399
Conc: 48.95 ng/ml



#41 AR-1268-1

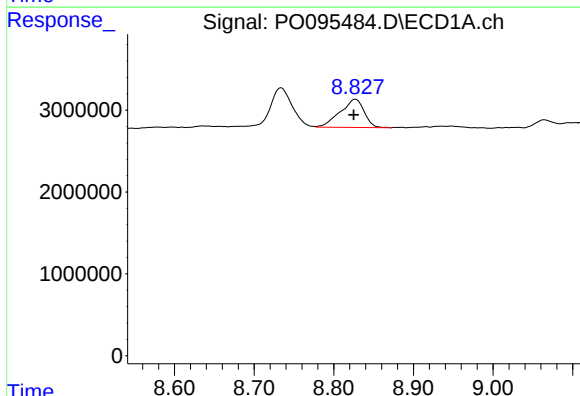
R.T.: 8.734 min
Delta R.T.: 0.005 min
Response: 8809461
Conc: 23.89 ng/ml

Instrument :
ECD_L
ClientSampleId :



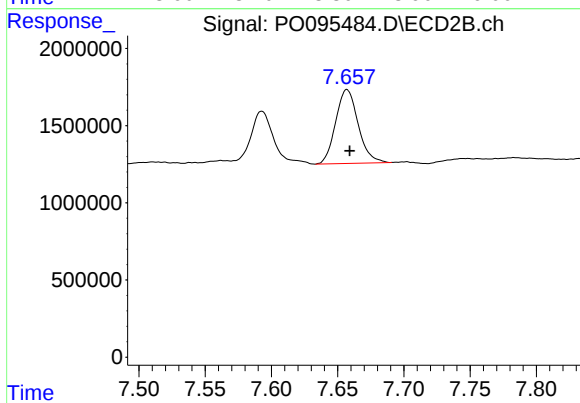
#41 AR-1268-1

R.T.: 7.593 min
Delta R.T.: -0.002 min
Response: 4162181
Conc: 19.26 ng/ml



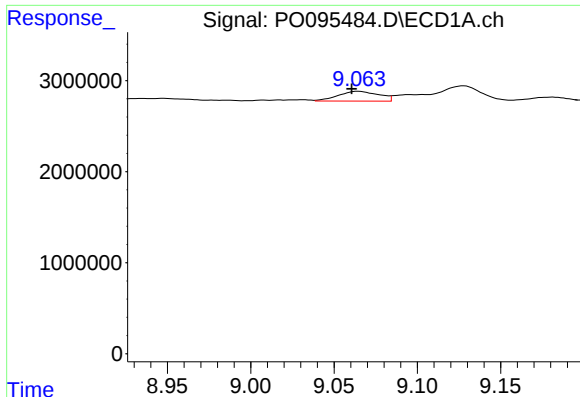
#42 AR-1268-2

R.T.: 8.827 min
Delta R.T.: 0.002 min
Response: 7207541
Conc: 21.27 ng/ml



#42 AR-1268-2

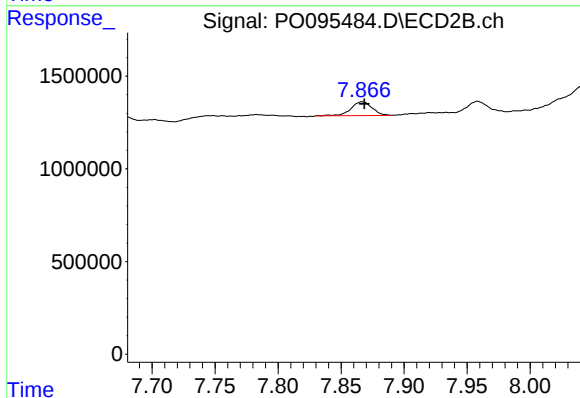
R.T.: 7.657 min
Delta R.T.: -0.002 min
Response: 5660982
Conc: 29.66 ng/ml



#43 AR-1268-3

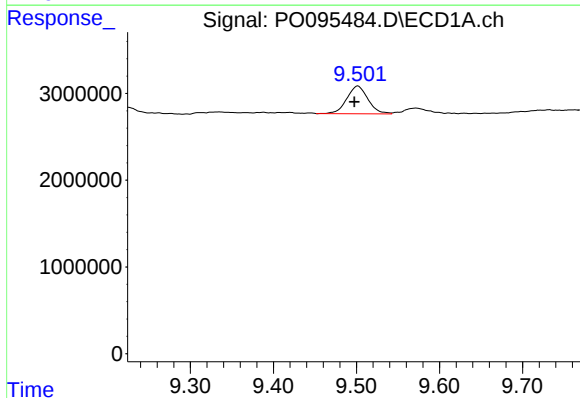
R.T.: 9.064 min
Delta R.T.: 0.004 min
Response: 1804699
Conc: 6.24 ng/ml

Instrument :
ECD_L
ClientSampleId :



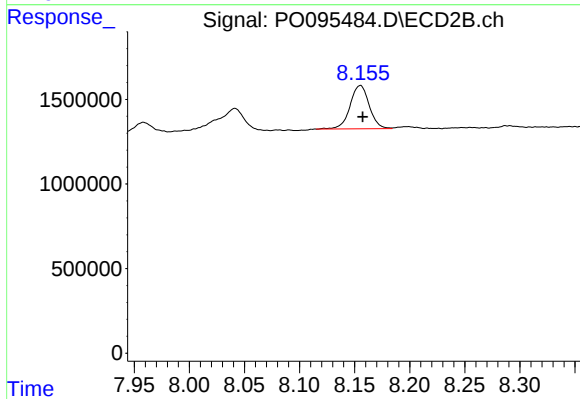
#43 AR-1268-3

R.T.: 7.867 min
Delta R.T.: -0.002 min
Response: 863536
Conc: 5.33 ng/ml



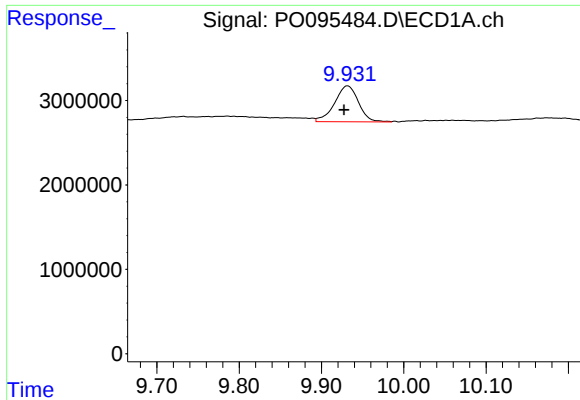
#44 AR-1268-4

R.T.: 9.502 min
Delta R.T.: 0.004 min
Response: 5621717
Conc: 44.21 ng/ml



#44 AR-1268-4

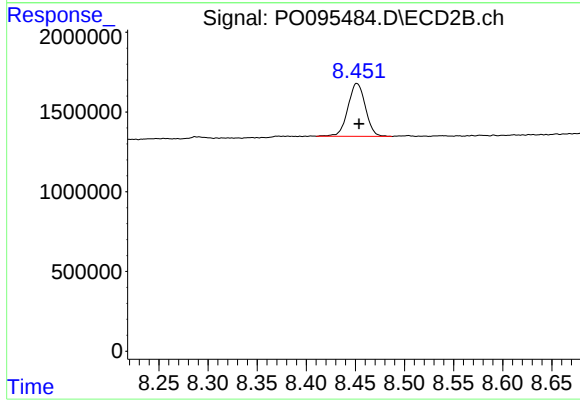
R.T.: 8.155 min
Delta R.T.: -0.002 min
Response: 3113399
Conc: 45.25 ng/ml



#45 AR-1268-5

R.T.: 9.932 min
Delta R.T.: 0.004 min
Response: 8585397
Conc: 9.13 ng/ml

Instrument :
ECD_L
ClientSampleId :



#45 AR-1268-5

R.T.: 8.452 min
Delta R.T.: -0.002 min
Response: 4103934
Conc: 8.56 ng/ml