

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081623\
 Data File : P0097143.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2023 09:59
 Operator : YP/AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 01:13:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 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...	4.411	3.615	161.6E6	65214071	48.824	49.263
2) SA Decachlor...	10.349	8.630	113.3E6	54919847	51.761	47.470
Target Compounds						
3) L1 AR-1016-1	5.596	4.699	30417645	13099099	322.961	295.451
4) L1 AR-1016-2	5.620	4.718	35849499	13181668	267.985	215.490
5) L1 AR-1016-3	5.682	4.895	17807550	9101818	204.635	278.612 #
6) L1 AR-1016-4	5.782	4.937	19653309	19694143	292.589	688.934 #
7) L1 AR-1016-5	6.084	5.150	47842999	24058969	685.263	625.779
8) L2 AR-1221-1	4.618	3.826	303520	168701	7.447	9.719 #
9) L2 AR-1221-2	4.720	3.914	2638227	1013016	86.841	78.403
10) L2 AR-1221-3	4.786	3.989	2727762	1201254	31.163	30.263
11) L3 AR-1232-1	4.786	3.989	2727762	1201254	37.401	37.136
12) L3 AR-1232-2	5.324	4.718	14442714	13181668	364.293	456.863 #
13) L3 AR-1232-3	5.620	4.895	35849499	9101818	586.038	600.310
14) L3 AR-1232-4	5.782	4.978	19653309	20740384	644.079	1387.813 #
15) L3 AR-1232-5	5.876	5.150	45277857	24058969	1618.038	1471.787
16) L4 AR-1242-1	5.596	4.699	30417645	13099099	362.906	332.254
17) L4 AR-1242-2	5.620	4.718	35849499	13181668	304.424	241.906
18) L4 AR-1242-3	5.682	4.895	17807550	9101818	241.058	307.821 #
19) L4 AR-1242-4	5.782	4.978	19653309	20740384	330.139	658.135 #
20) L4 AR-1242-5	6.537	5.503	45535741	32334317	827.626	887.423
21) L5 AR-1248-1	5.596	4.699	30417645	13099099	519.125	466.783
22) L5 AR-1248-2	5.876	4.937	45277857	19694143	481.589	464.693
23) L5 AR-1248-3	6.084	4.978	47842999	20740384	489.148	472.823
24) L5 AR-1248-4	6.497	5.150	47331954	24058969	521.028	471.283
25) L5 AR-1248-5	6.537	5.544	45535741	22725252	516.946	486.082
26) L6 AR-1254-1	6.469	5.503	37709824	32334317	345.041	438.157 #
27) L6 AR-1254-2	6.698	5.651	47712129	10531572	295.930	159.859 #
28) L6 AR-1254-3	7.072	6.056	25977228	15367854	165.780	152.063
29) L6 AR-1254-4	7.365	6.286	16773565	10604934	166.375	183.239
30) L6 AR-1254-5	7.796	6.705	3925706	3140872	34.984	35.726
31) L7 AR-1260-1	7.241	6.200	3644188	7461000	28.994	106.028 #
32) L7 AR-1260-2	7.502	6.375	3513292	1421109	26.076	17.027 #
33) L7 AR-1260-3	7.872	6.528	1006074	1605192	9.695	20.787 #
34) L7 AR-1260-4	8.094	7.001	2482144	204078	22.201	3.185 #
35) L7 AR-1260-5	8.439	7.245	1062132	418732	5.058	3.020 #
36) L8 AR-1262-1	7.872	6.773	1006074	492198	6.774	12.502 #
37) L8 AR-1262-2	8.439	7.001	1062132	204078	4.589	2.516 #
38) L8 AR-1262-3	8.787	7.530	1579315	274614	9.468	4.279 #
39) L8 AR-1262-4	8.837	7.591	401406	414424	5.506	3.648 #
40) L8 AR-1262-5	9.527	0.000	85742	0	1.030	N.D. #
41) L9 AR-1268-1	8.787	7.530	1579315	274614	5.138	1.482 #

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Integration File signal 1: autoint1.e
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 Quant Time: Aug 17 01:13:14 2023
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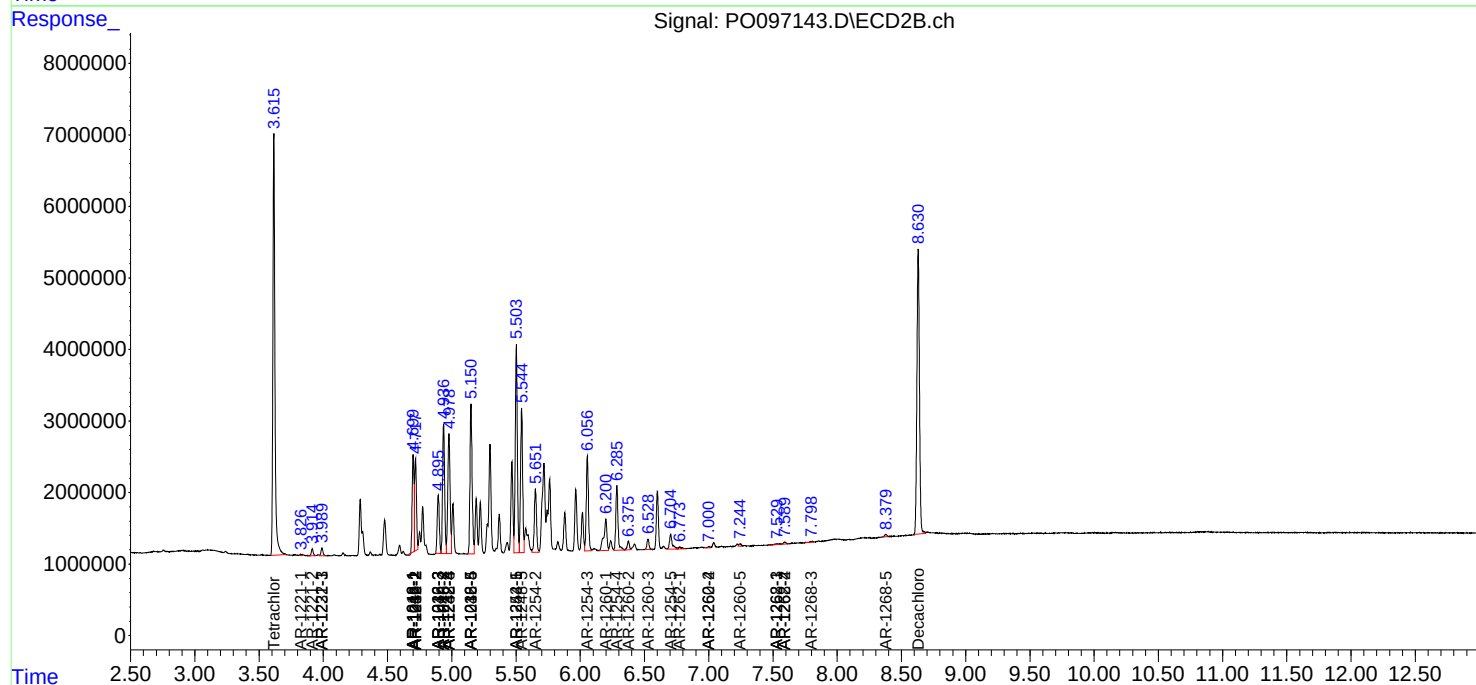
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

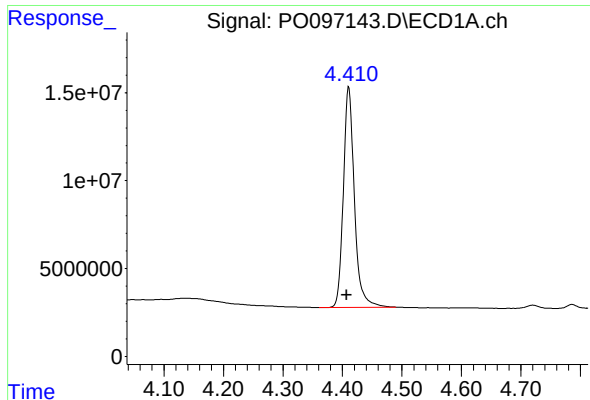
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.837	7.591	401406	414424	1.464	2.471 #
43) L9	AR-1268-3	9.103	7.799	467308	214608	1.830	1.485
44) L9	AR-1268-4	9.558	0.000	287557	0	3.102	N.D. #
45) L9	AR-1268-5	9.987	8.379	904745	403471	1.120	0.970

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

Instrument :
ECD_O
ClientSampleId :

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

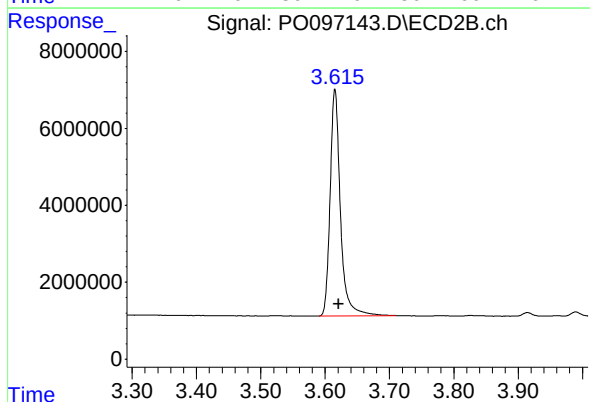




#1 Tetrachloro-m-xylene

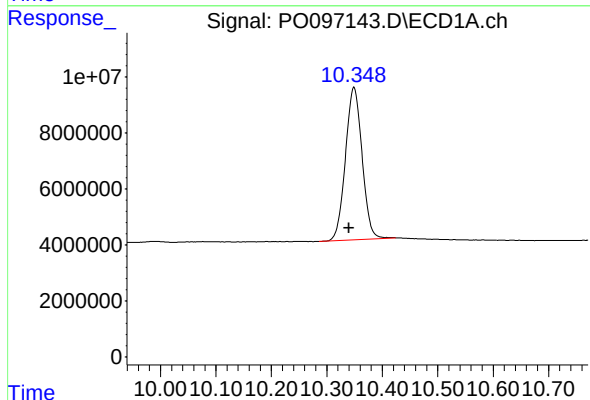
R.T.: 4.411 min
Delta R.T.: 0.004 min
Response: 161615548
Conc: 48.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



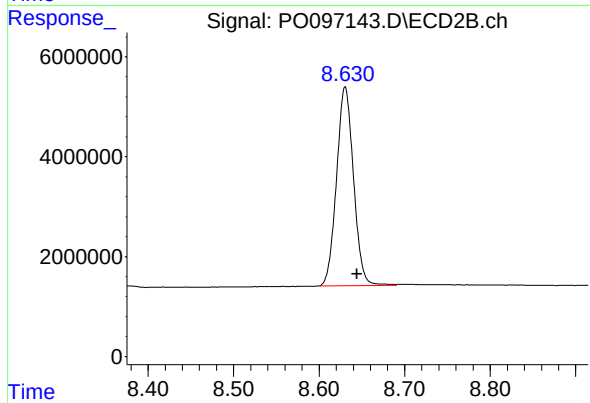
#1 Tetrachloro-m-xylene

R.T.: 3.615 min
Delta R.T.: -0.006 min
Response: 65214071
Conc: 49.26 ng/ml



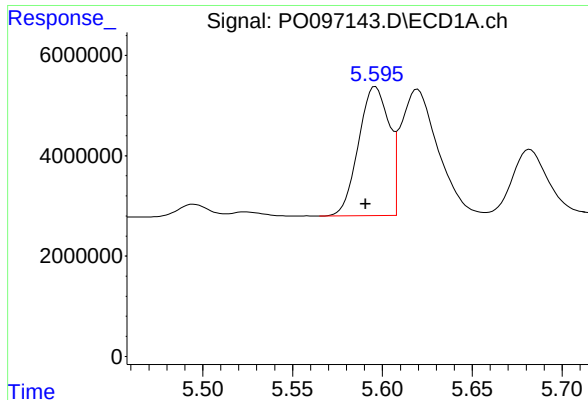
#2 Decachlorobiphenyl

R.T.: 10.349 min
Delta R.T.: 0.009 min
Response: 113262560
Conc: 51.76 ng/ml



#2 Decachlorobiphenyl

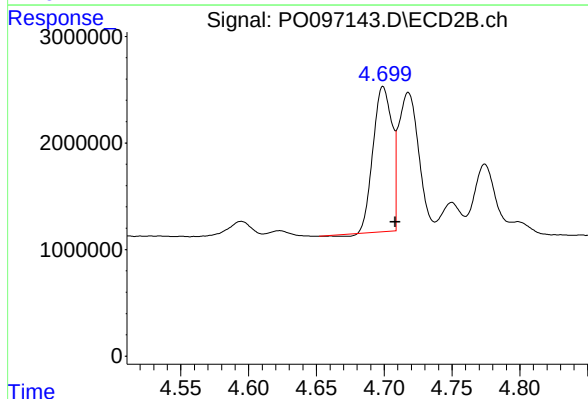
R.T.: 8.630 min
Delta R.T.: -0.014 min
Response: 54919847
Conc: 47.47 ng/ml



#3 AR-1016-1

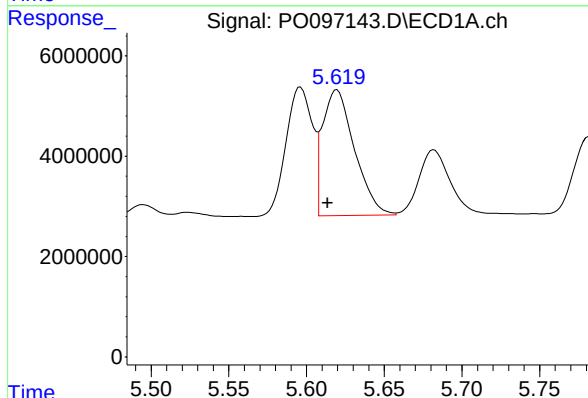
R.T.: 5.596 min
Delta R.T.: 0.006 min
Response: 30417645
Conc: 322.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



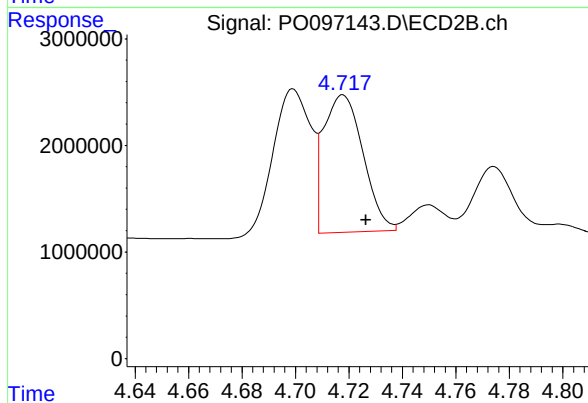
#3 AR-1016-1

R.T.: 4.699 min
Delta R.T.: -0.009 min
Response: 13099099
Conc: 295.45 ng/ml



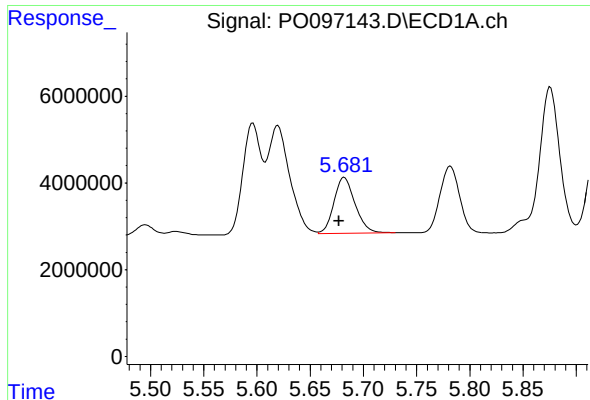
#4 AR-1016-2

R.T.: 5.620 min
Delta R.T.: 0.006 min
Response: 35849499
Conc: 267.98 ng/ml



#4 AR-1016-2

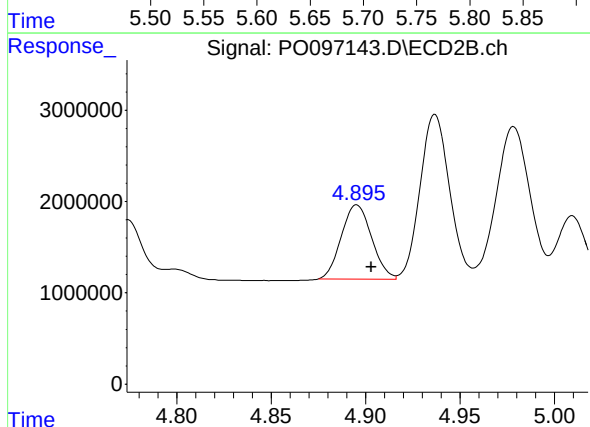
R.T.: 4.718 min
Delta R.T.: -0.009 min
Response: 13181668
Conc: 215.49 ng/ml



#5 AR-1016-3

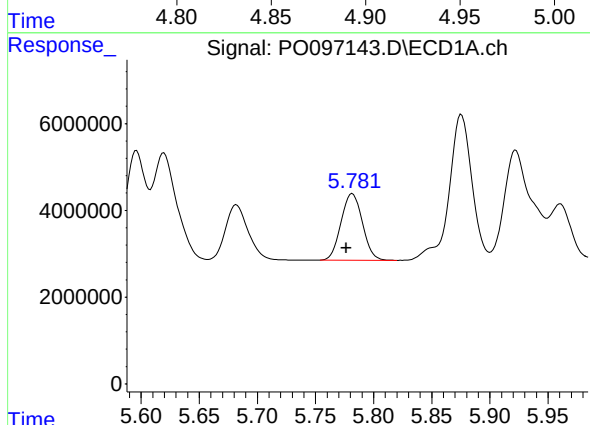
R.T.: 5.682 min
Delta R.T.: 0.005 min
Response: 17807550
Conc: 204.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



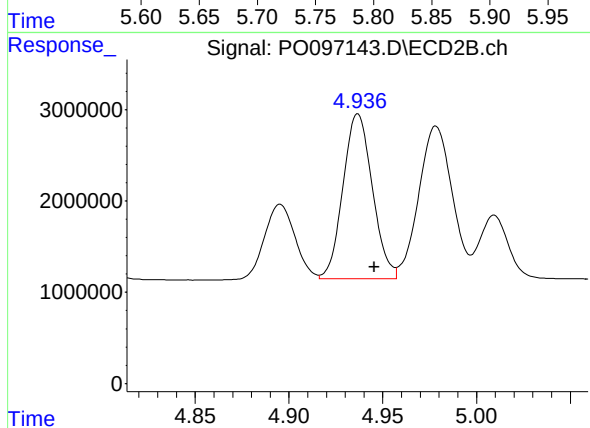
#5 AR-1016-3

R.T.: 4.895 min
Delta R.T.: -0.008 min
Response: 9101818
Conc: 278.61 ng/ml



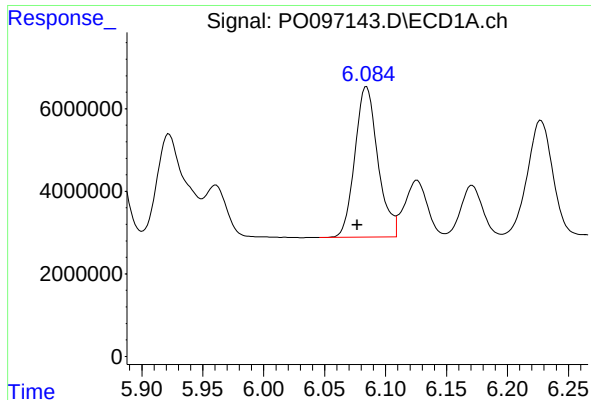
#6 AR-1016-4

R.T.: 5.782 min
Delta R.T.: 0.005 min
Response: 19653309
Conc: 292.59 ng/ml



#6 AR-1016-4

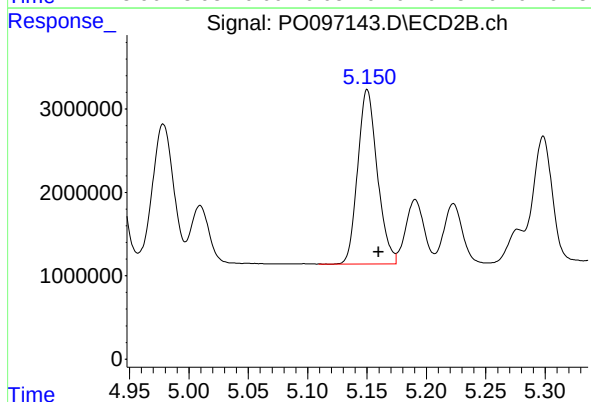
R.T.: 4.937 min
Delta R.T.: -0.009 min
Response: 19694143
Conc: 688.93 ng/ml



#7 AR-1016-5

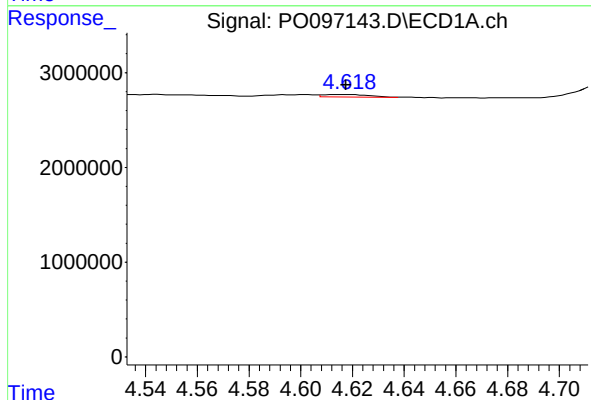
R.T.: 6.084 min
Delta R.T.: 0.008 min
Response: 47842999
Conc: 685.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



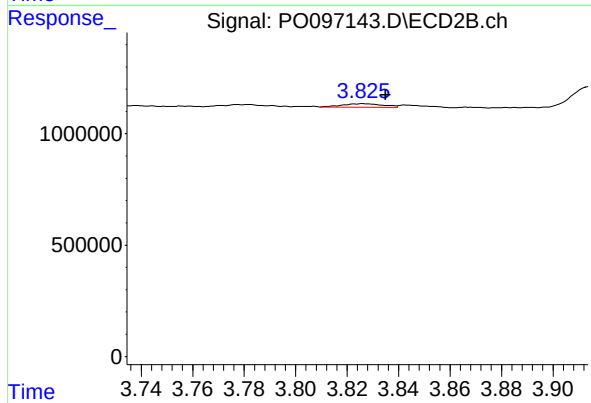
#7 AR-1016-5

R.T.: 5.150 min
Delta R.T.: -0.010 min
Response: 24058969
Conc: 625.78 ng/ml



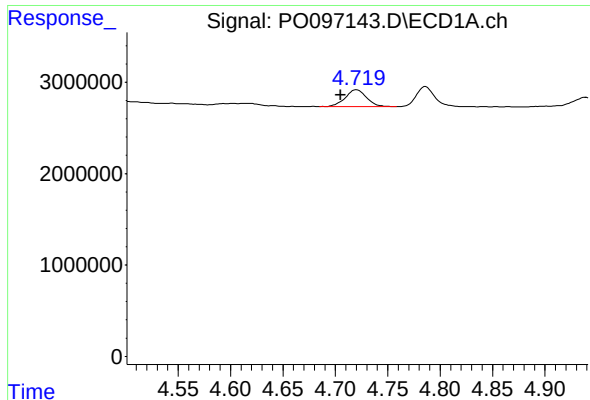
#8 AR-1221-1

R.T.: 4.618 min
Delta R.T.: 0.000 min
Response: 303520
Conc: 7.45 ng/ml



#8 AR-1221-1

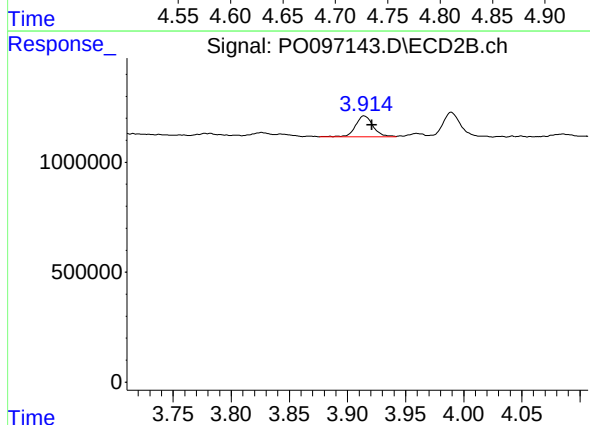
R.T.: 3.826 min
Delta R.T.: -0.009 min
Response: 168701
Conc: 9.72 ng/ml



#9 AR-1221-2

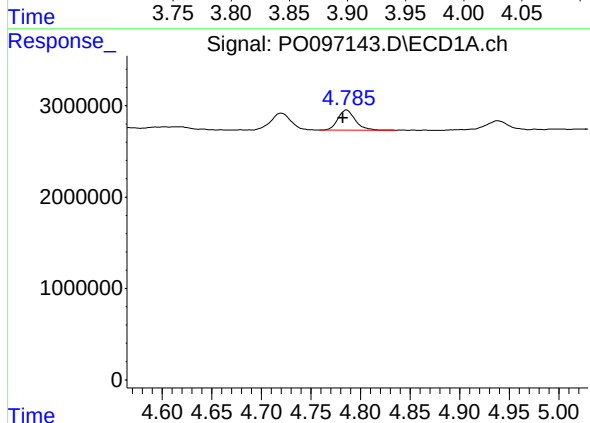
R.T.: 4.720 min
Delta R.T.: 0.015 min
Response: 2638227
Conc: 86.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



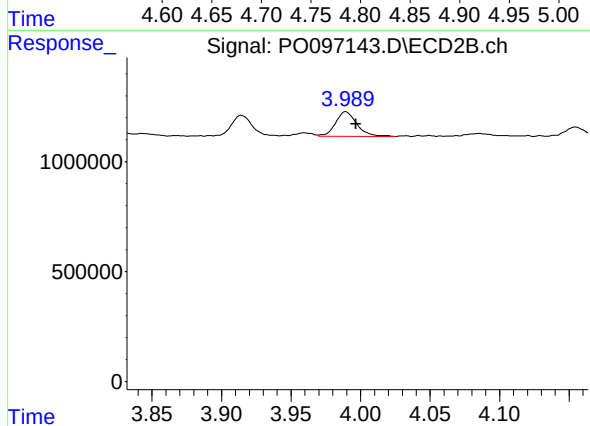
#9 AR-1221-2

R.T.: 3.914 min
Delta R.T.: -0.006 min
Response: 1013016
Conc: 78.40 ng/ml



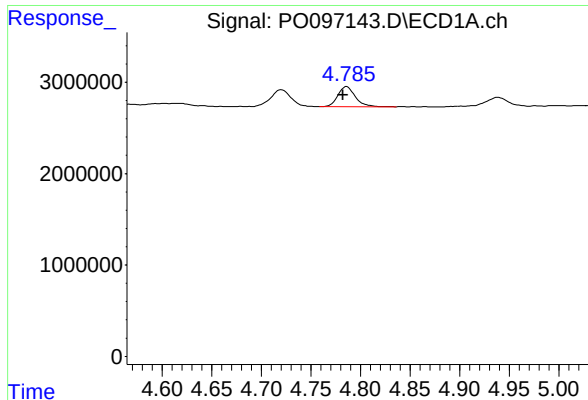
#10 AR-1221-3

R.T.: 4.786 min
Delta R.T.: 0.004 min
Response: 2727762
Conc: 31.16 ng/ml



#10 AR-1221-3

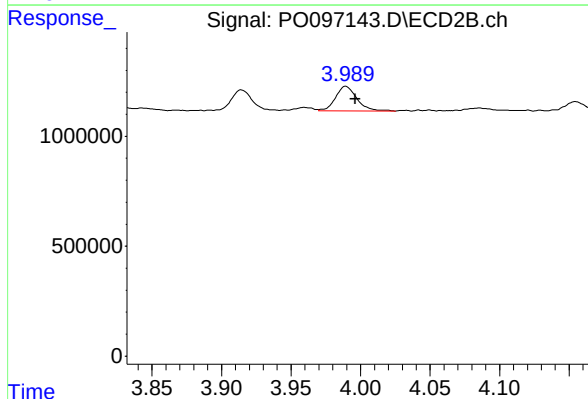
R.T.: 3.989 min
Delta R.T.: -0.007 min
Response: 1201254
Conc: 30.26 ng/ml



#11 AR-1232-1

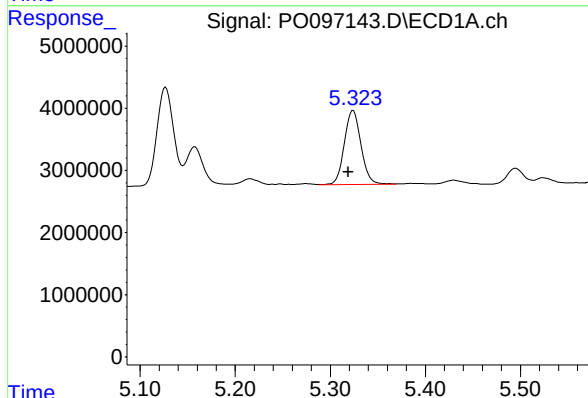
R.T.: 4.786 min
Delta R.T.: 0.004 min
Response: 2727762
Conc: 37.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



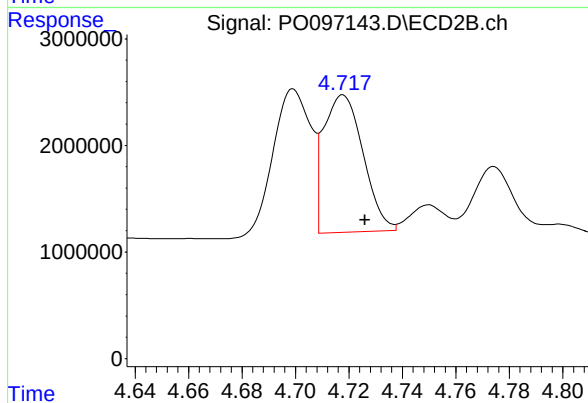
#11 AR-1232-1

R.T.: 3.989 min
Delta R.T.: -0.007 min
Response: 1201254
Conc: 37.14 ng/ml



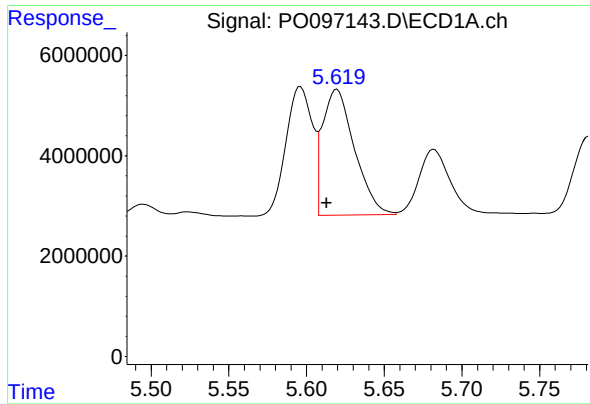
#12 AR-1232-2

R.T.: 5.324 min
Delta R.T.: 0.005 min
Response: 14442714
Conc: 364.29 ng/ml



#12 AR-1232-2

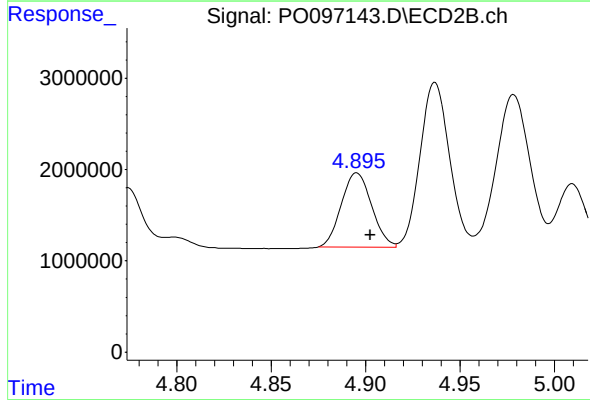
R.T.: 4.718 min
Delta R.T.: -0.008 min
Response: 13181668
Conc: 456.86 ng/ml



#13 AR-1232-3

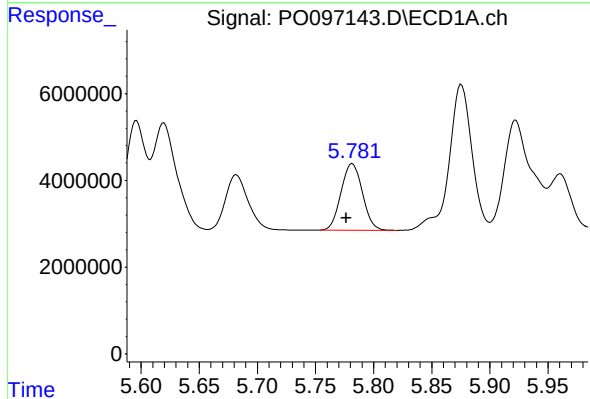
R.T.: 5.620 min
Delta R.T.: 0.007 min
Response: 35849499
Conc: 586.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



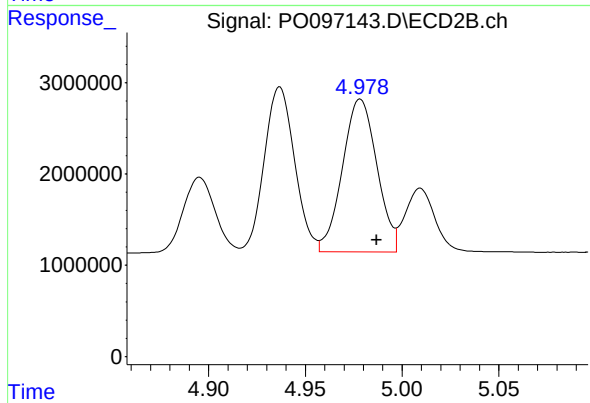
#13 AR-1232-3

R.T.: 4.895 min
Delta R.T.: -0.007 min
Response: 9101818
Conc: 600.31 ng/ml



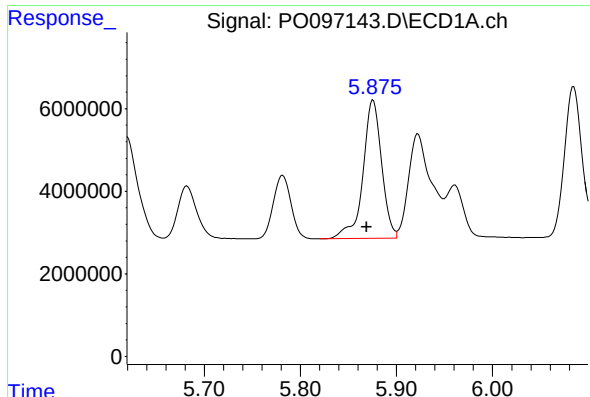
#14 AR-1232-4

R.T.: 5.782 min
Delta R.T.: 0.005 min
Response: 19653309
Conc: 644.08 ng/ml



#14 AR-1232-4

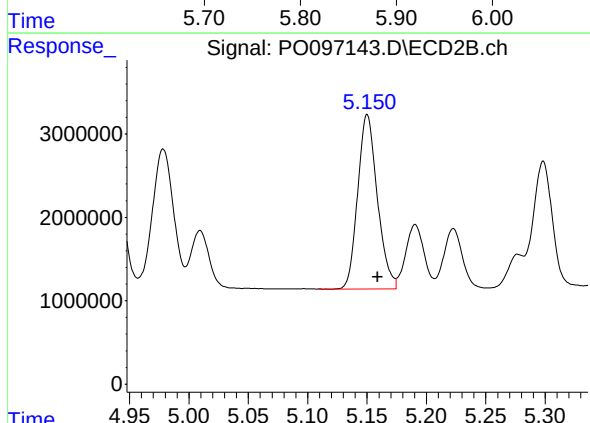
R.T.: 4.978 min
Delta R.T.: -0.009 min
Response: 20740384
Conc: 1387.81 ng/ml



#15 AR-1232-5

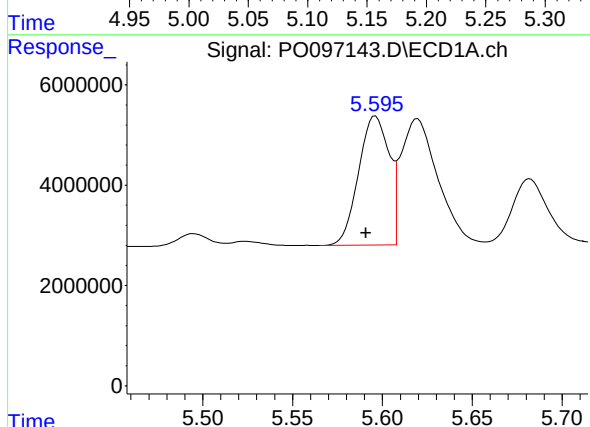
R.T.: 5.876 min
Delta R.T.: 0.007 min
Response: 45277857
Conc: 1618.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



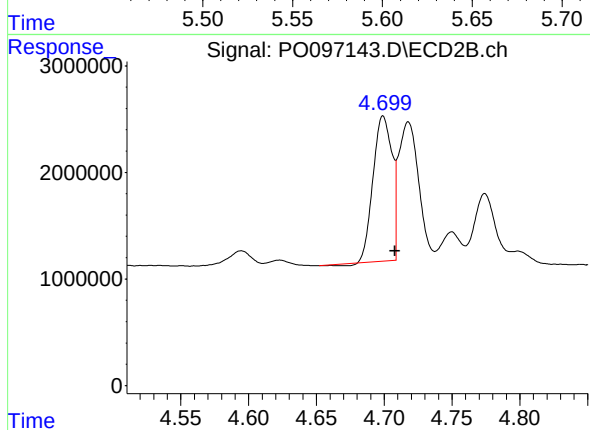
#15 AR-1232-5

R.T.: 5.150 min
Delta R.T.: -0.009 min
Response: 24058969
Conc: 1471.79 ng/ml



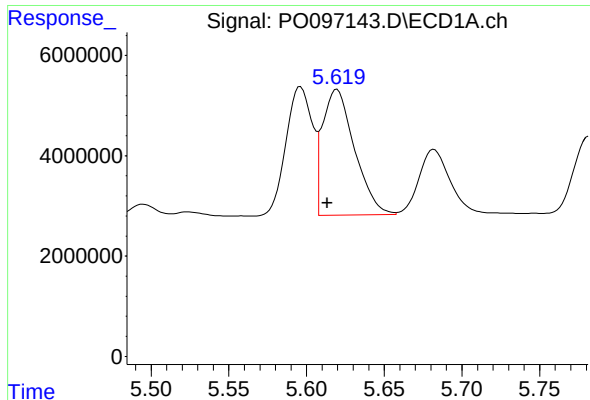
#16 AR-1242-1

R.T.: 5.596 min
Delta R.T.: 0.005 min
Response: 30417645
Conc: 362.91 ng/ml



#16 AR-1242-1

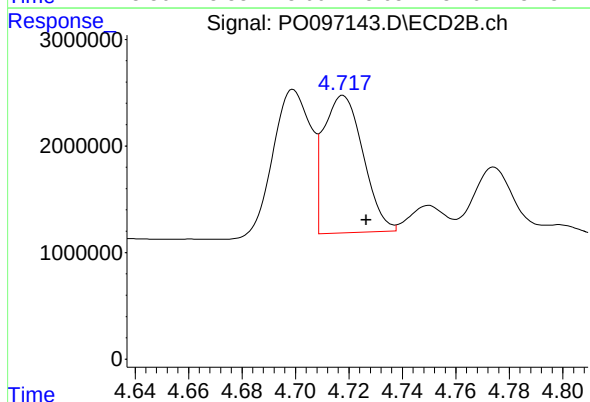
R.T.: 4.699 min
Delta R.T.: -0.009 min
Response: 13099099
Conc: 332.25 ng/ml



#17 AR-1242-2

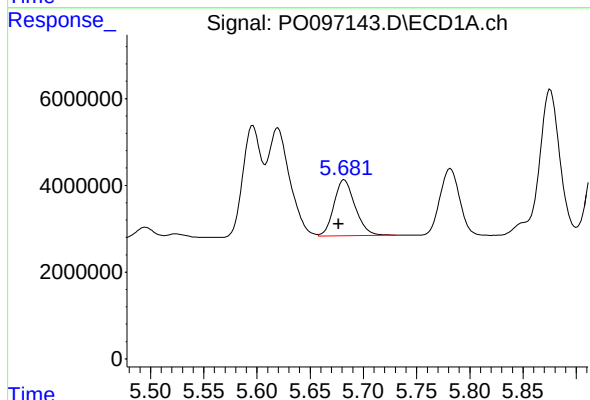
R.T.: 5.620 min
Delta R.T.: 0.006 min
Response: 35849499
Conc: 304.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



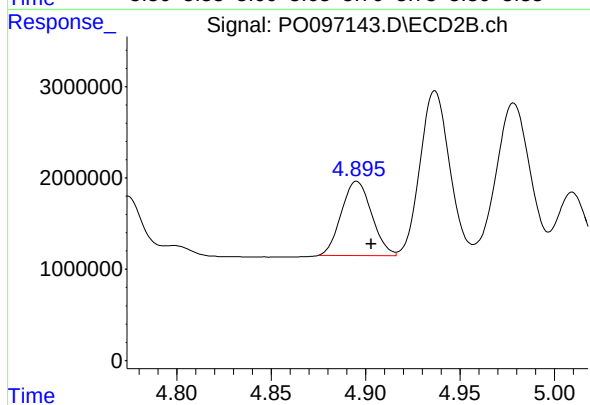
#17 AR-1242-2

R.T.: 4.718 min
Delta R.T.: -0.009 min
Response: 13181668
Conc: 241.91 ng/ml



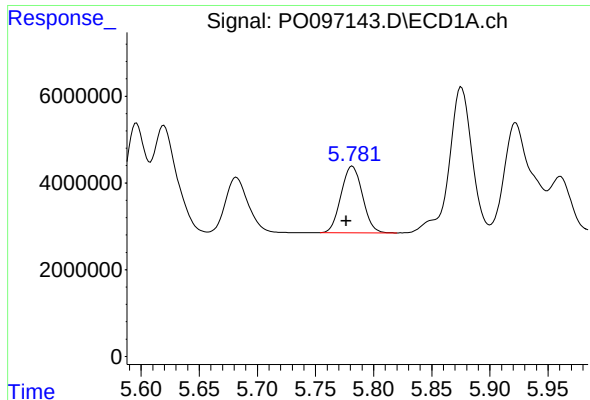
#18 AR-1242-3

R.T.: 5.682 min
Delta R.T.: 0.005 min
Response: 17807550
Conc: 241.06 ng/ml



#18 AR-1242-3

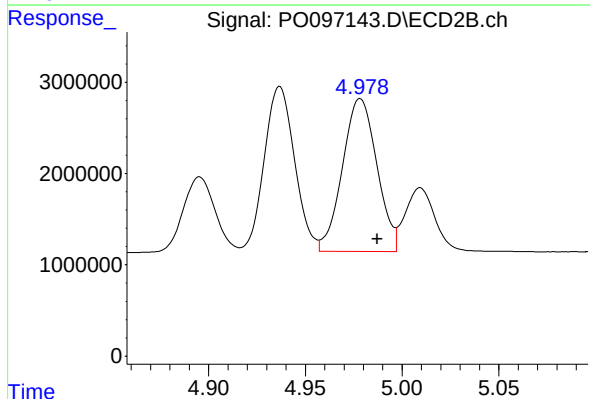
R.T.: 4.895 min
Delta R.T.: -0.008 min
Response: 9101818
Conc: 307.82 ng/ml



#19 AR-1242-4

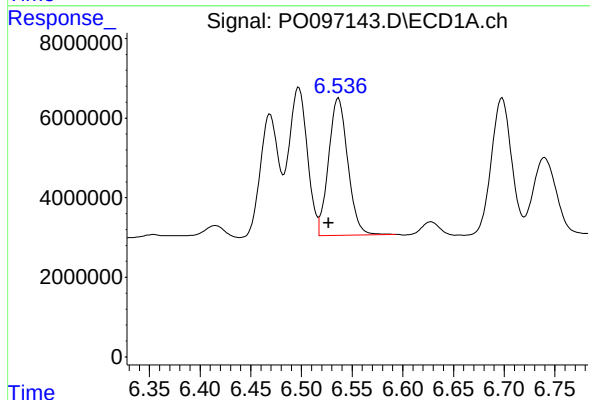
R.T.: 5.782 min
Delta R.T.: 0.005 min
Response: 19653309
Conc: 330.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



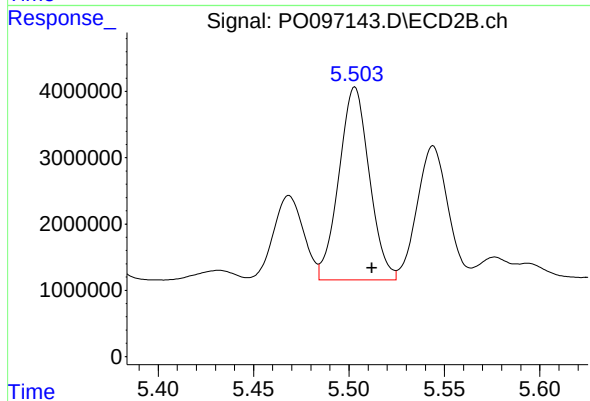
#19 AR-1242-4

R.T.: 4.978 min
Delta R.T.: -0.009 min
Response: 20740384
Conc: 658.13 ng/ml



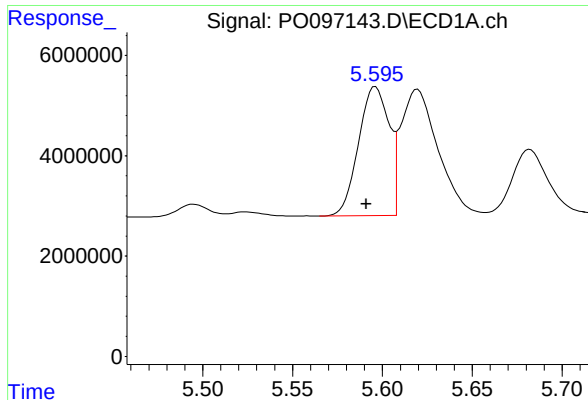
#20 AR-1242-5

R.T.: 6.537 min
Delta R.T.: 0.010 min
Response: 45535741
Conc: 827.63 ng/ml



#20 AR-1242-5

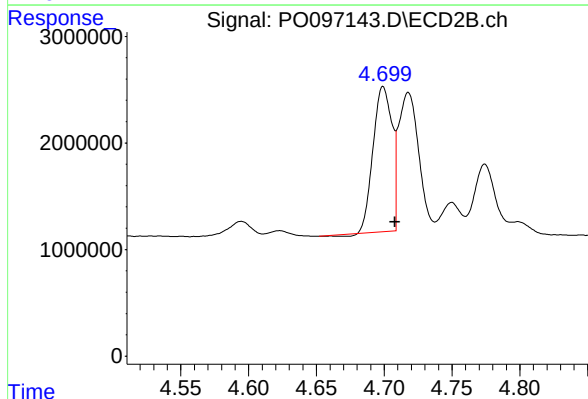
R.T.: 5.503 min
Delta R.T.: -0.009 min
Response: 32334317
Conc: 887.42 ng/ml



#21 AR-1248-1

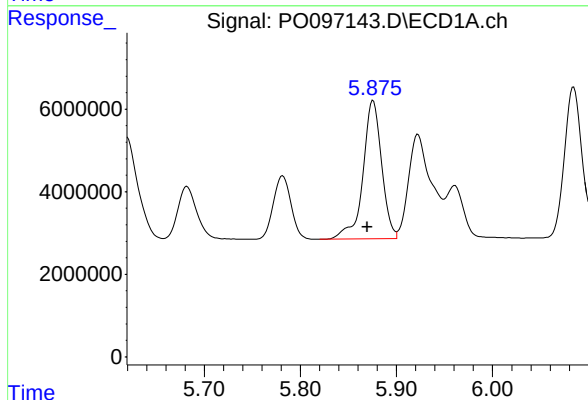
R.T.: 5.596 min
Delta R.T.: 0.005 min
Response: 30417645
Conc: 519.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



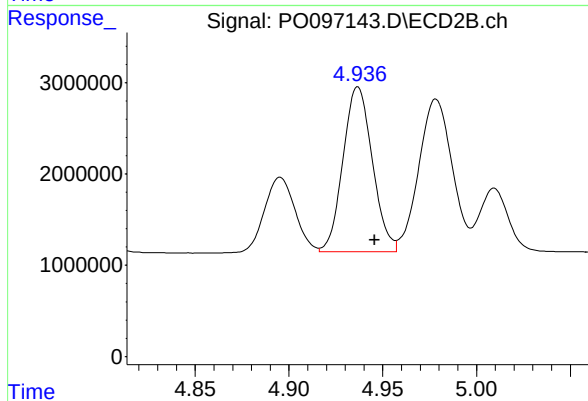
#21 AR-1248-1

R.T.: 4.699 min
Delta R.T.: -0.009 min
Response: 13099099
Conc: 466.78 ng/ml



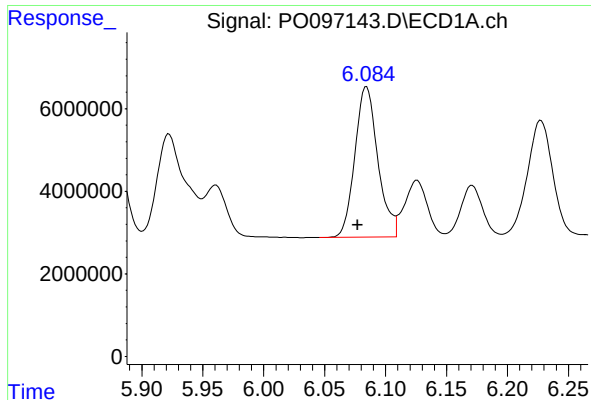
#22 AR-1248-2

R.T.: 5.876 min
Delta R.T.: 0.006 min
Response: 45277857
Conc: 481.59 ng/ml



#22 AR-1248-2

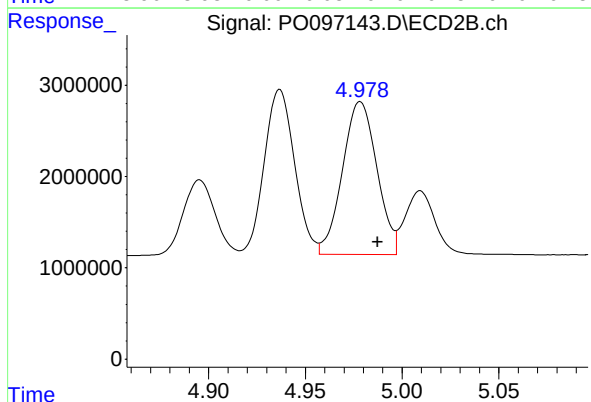
R.T.: 4.937 min
Delta R.T.: -0.009 min
Response: 19694143
Conc: 464.69 ng/ml



#23 AR-1248-3

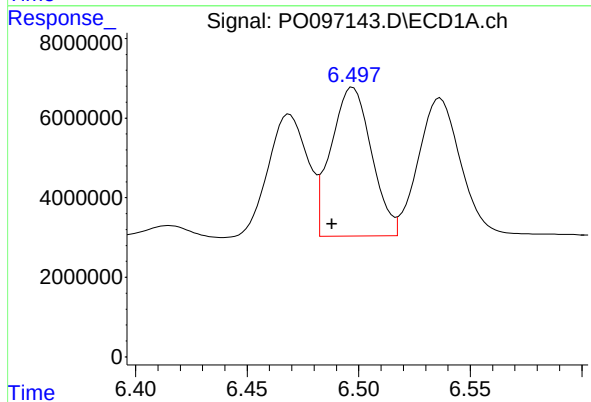
R.T.: 6.084 min
Delta R.T.: 0.008 min
Response: 47842999
Conc: 489.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



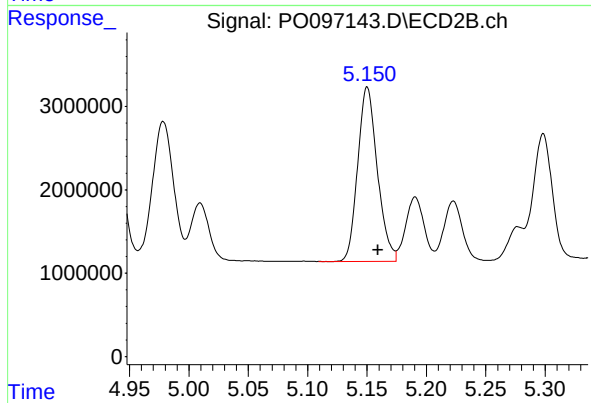
#23 AR-1248-3

R.T.: 4.978 min
Delta R.T.: -0.009 min
Response: 20740384
Conc: 472.82 ng/ml



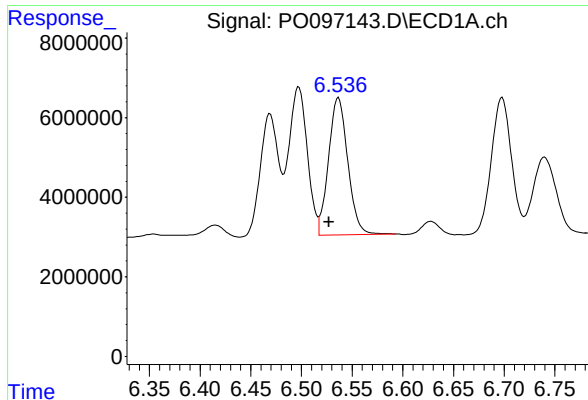
#24 AR-1248-4

R.T.: 6.497 min
Delta R.T.: 0.009 min
Response: 47331954
Conc: 521.03 ng/ml



#24 AR-1248-4

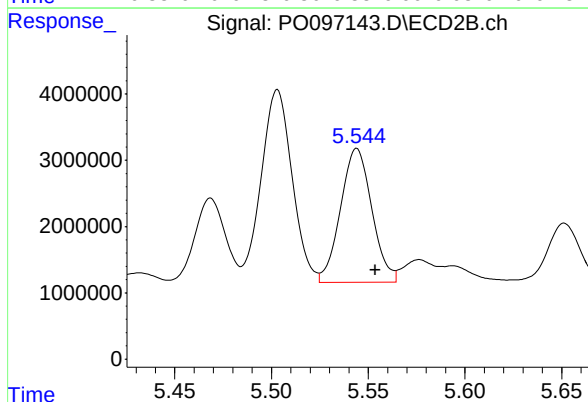
R.T.: 5.150 min
Delta R.T.: -0.009 min
Response: 24058969
Conc: 471.28 ng/ml



#25 AR-1248-5

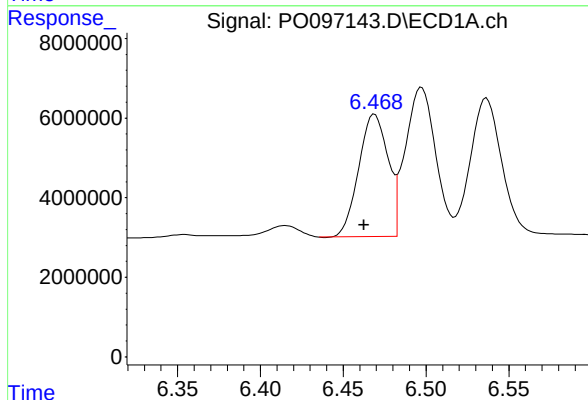
R.T.: 6.537 min
Delta R.T.: 0.009 min
Response: 45535741
Conc: 516.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



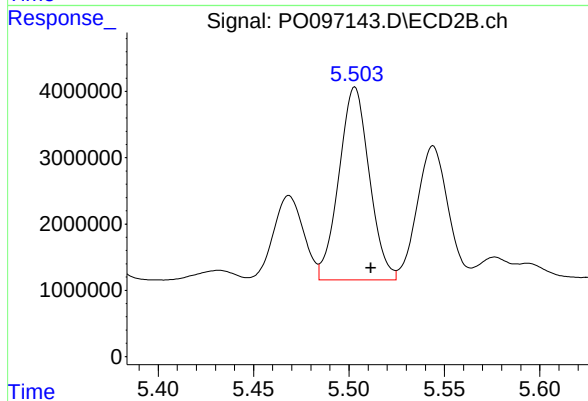
#25 AR-1248-5

R.T.: 5.544 min
Delta R.T.: -0.010 min
Response: 22725252
Conc: 486.08 ng/ml



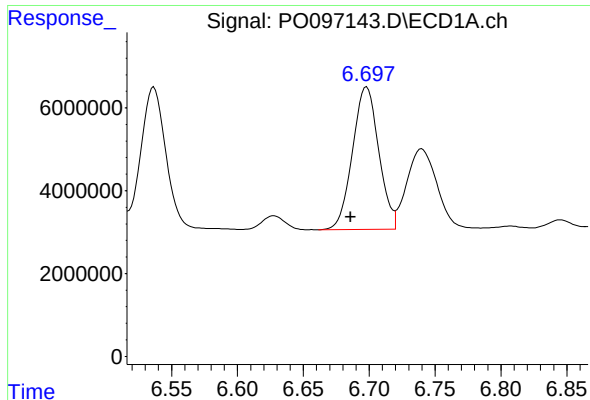
#26 AR-1254-1

R.T.: 6.469 min
Delta R.T.: 0.006 min
Response: 37709824
Conc: 345.04 ng/ml



#26 AR-1254-1

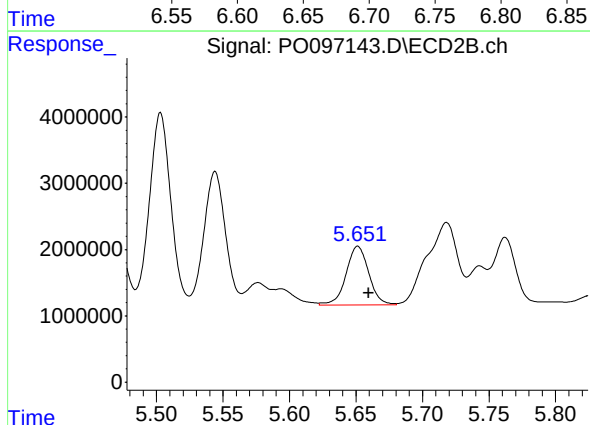
R.T.: 5.503 min
Delta R.T.: -0.008 min
Response: 32334317
Conc: 438.16 ng/ml



#27 AR-1254-2

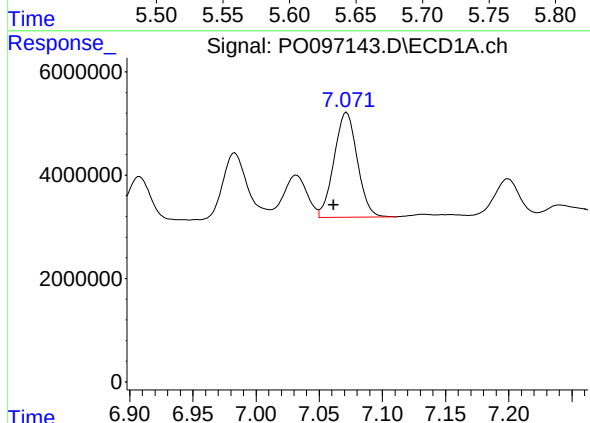
R.T.: 6.698 min
Delta R.T.: 0.012 min
Response: 47712129
Conc: 295.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



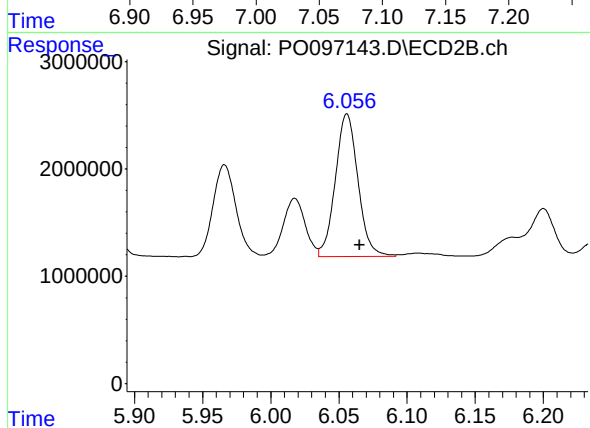
#27 AR-1254-2

R.T.: 5.651 min
Delta R.T.: -0.008 min
Response: 10531572
Conc: 159.86 ng/ml



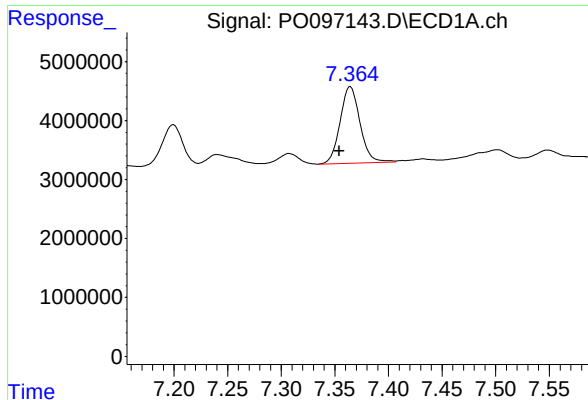
#28 AR-1254-3

R.T.: 7.072 min
Delta R.T.: 0.011 min
Response: 25977228
Conc: 165.78 ng/ml



#28 AR-1254-3

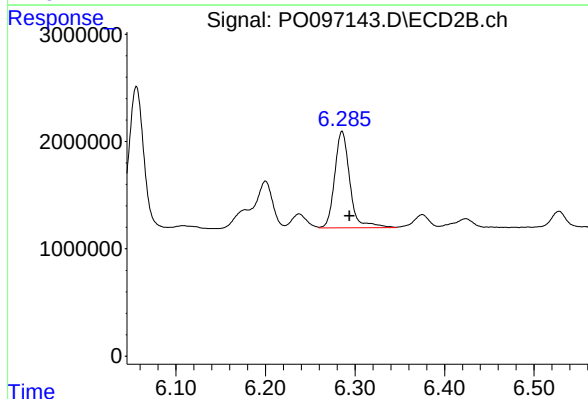
R.T.: 6.056 min
Delta R.T.: -0.009 min
Response: 15367854
Conc: 152.06 ng/ml



#29 AR-1254-4

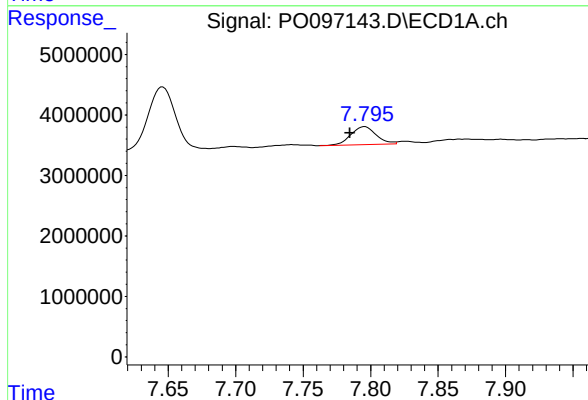
R.T.: 7.365 min
Delta R.T.: 0.010 min
Response: 16773565
Conc: 166.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



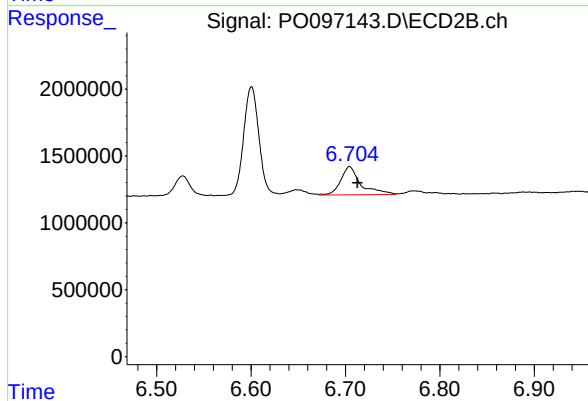
#29 AR-1254-4

R.T.: 6.286 min
Delta R.T.: -0.009 min
Response: 10604934
Conc: 183.24 ng/ml



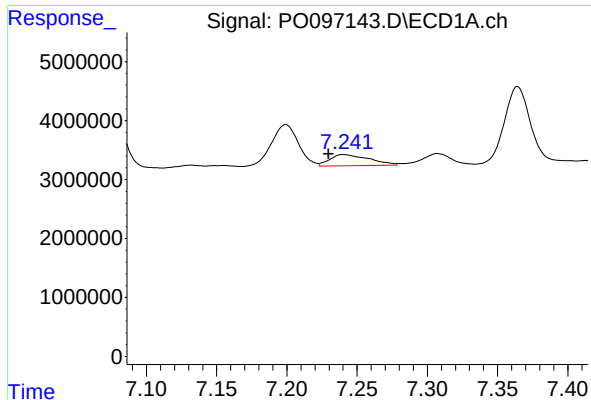
#30 AR-1254-5

R.T.: 7.796 min
Delta R.T.: 0.011 min
Response: 3925706
Conc: 34.98 ng/ml



#30 AR-1254-5

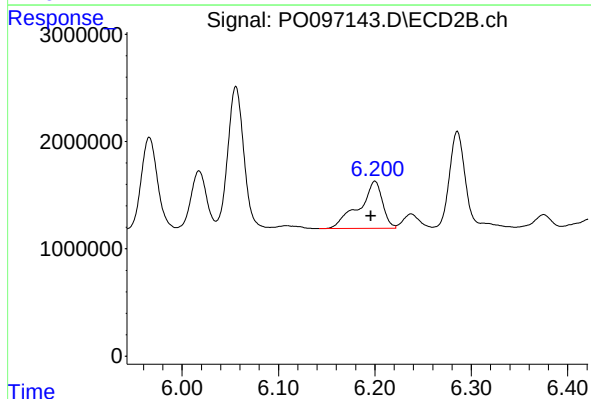
R.T.: 6.705 min
Delta R.T.: -0.009 min
Response: 3140872
Conc: 35.73 ng/ml



#31 AR-1260-1

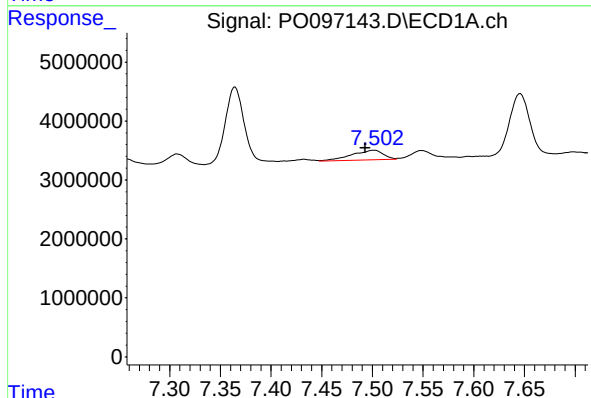
R.T.: 7.241 min
Delta R.T.: 0.011 min
Response: 3644188
Conc: 28.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



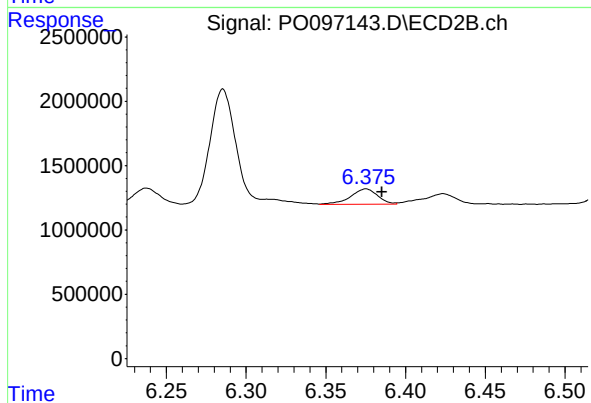
#31 AR-1260-1

R.T.: 6.200 min
Delta R.T.: 0.004 min
Response: 7461000
Conc: 106.03 ng/ml



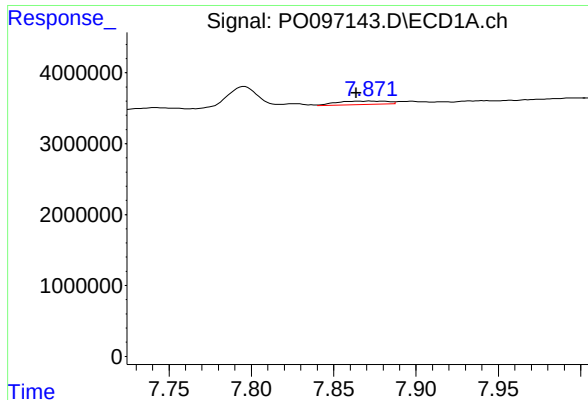
#32 AR-1260-2

R.T.: 7.502 min
Delta R.T.: 0.009 min
Response: 3513292
Conc: 26.08 ng/ml



#32 AR-1260-2

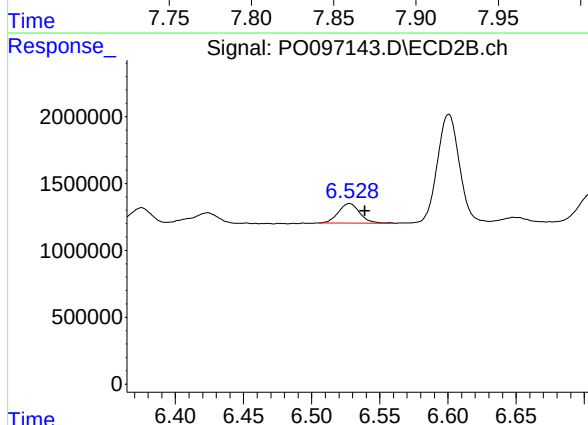
R.T.: 6.375 min
Delta R.T.: -0.010 min
Response: 1421109
Conc: 17.03 ng/ml



#33 AR-1260-3

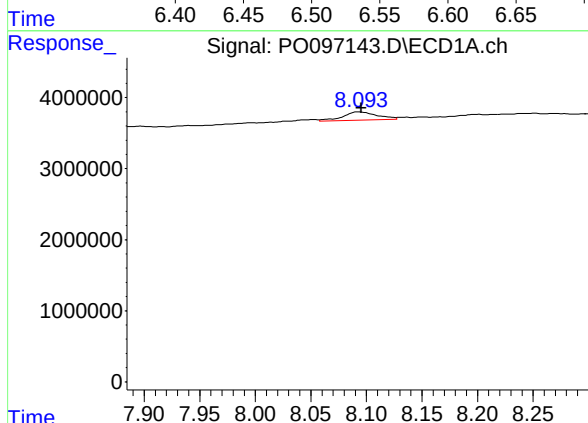
R.T.: 7.872 min
Delta R.T.: 0.008 min
Response: 1006074
Conc: 9.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



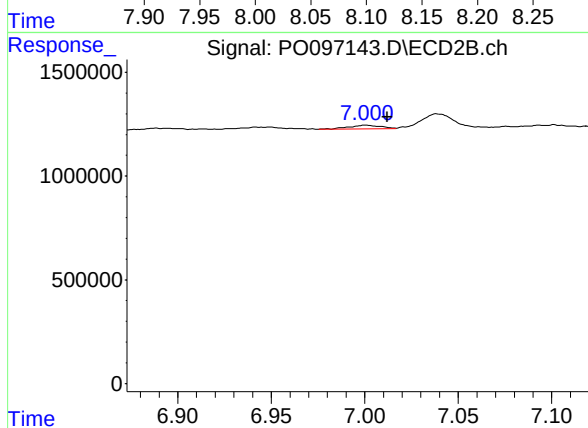
#33 AR-1260-3

R.T.: 6.528 min
Delta R.T.: -0.011 min
Response: 1605192
Conc: 20.79 ng/ml



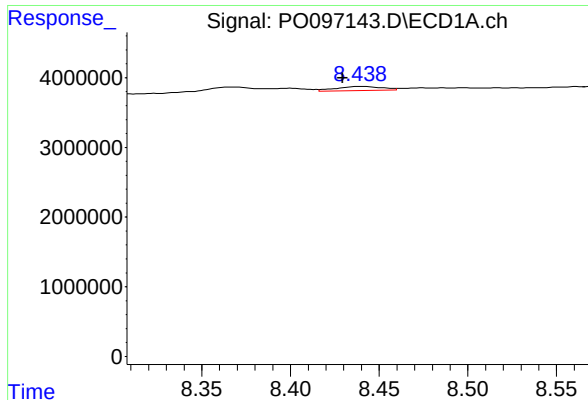
#34 AR-1260-4

R.T.: 8.094 min
Delta R.T.: -0.002 min
Response: 2482144
Conc: 22.20 ng/ml



#34 AR-1260-4

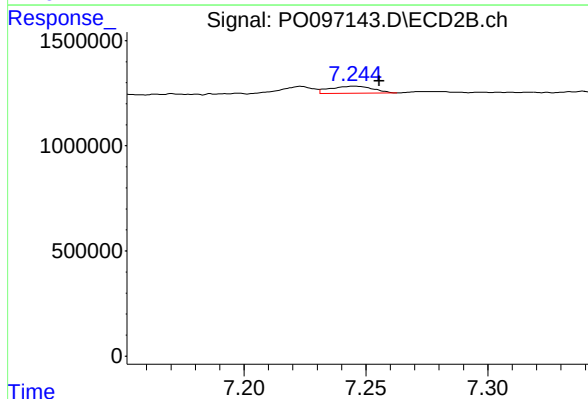
R.T.: 7.001 min
Delta R.T.: -0.011 min
Response: 204078
Conc: 3.18 ng/ml



#35 AR-1260-5

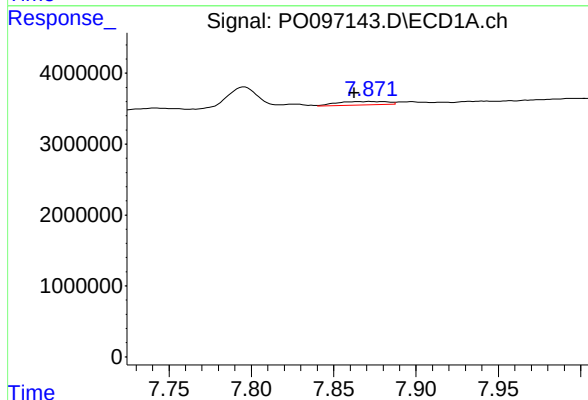
R.T.: 8.439 min
Delta R.T.: 0.010 min
Response: 1062132
Conc: 5.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



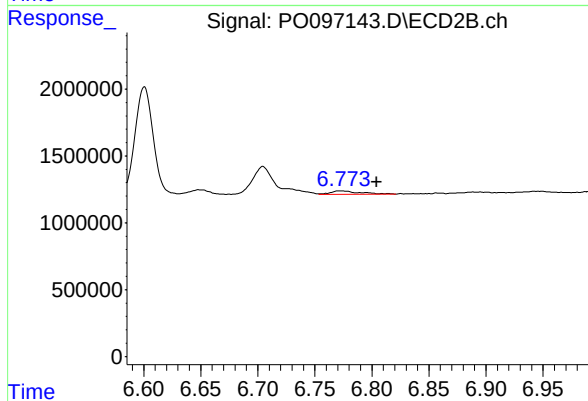
#35 AR-1260-5

R.T.: 7.245 min
Delta R.T.: -0.010 min
Response: 418732
Conc: 3.02 ng/ml



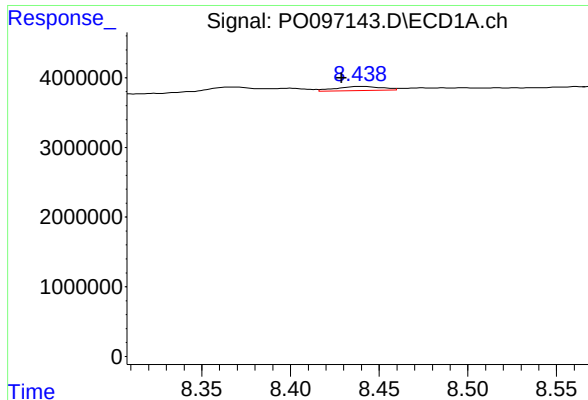
#36 AR-1262-1

R.T.: 7.872 min
Delta R.T.: 0.009 min
Response: 1006074
Conc: 6.77 ng/ml



#36 AR-1262-1

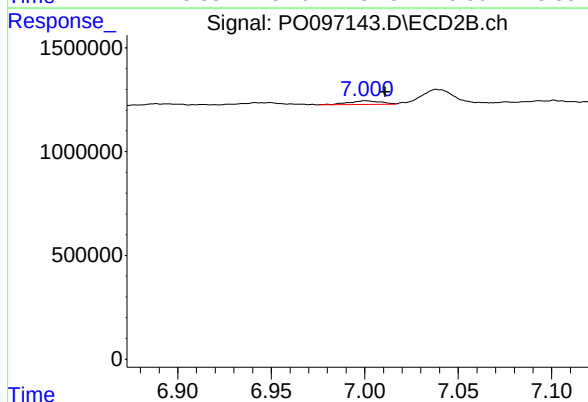
R.T.: 6.773 min
Delta R.T.: -0.031 min
Response: 492198
Conc: 12.50 ng/ml



#37 AR-1262-2

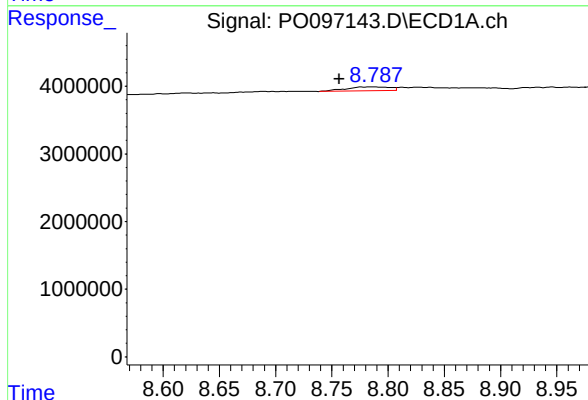
R.T.: 8.439 min
Delta R.T.: 0.010 min
Response: 1062132
Conc: 4.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



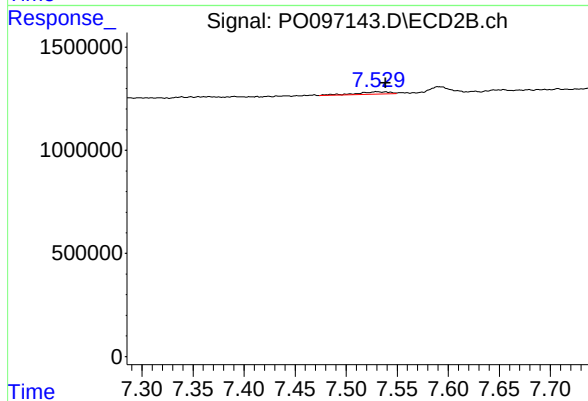
#37 AR-1262-2

R.T.: 7.001 min
Delta R.T.: -0.010 min
Response: 204078
Conc: 2.52 ng/ml



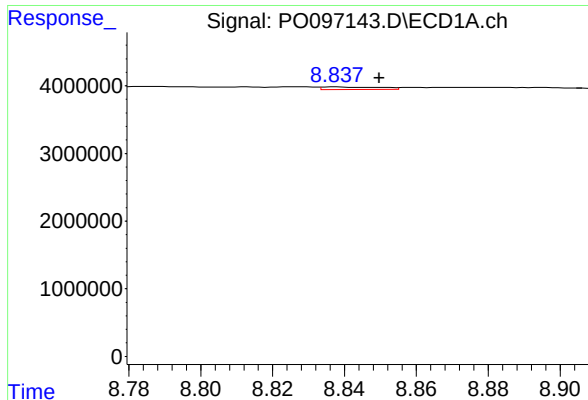
#38 AR-1262-3

R.T.: 8.787 min
Delta R.T.: 0.030 min
Response: 1579315
Conc: 9.47 ng/ml



#38 AR-1262-3

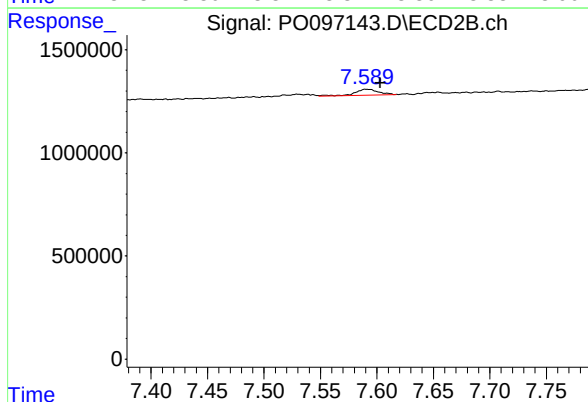
R.T.: 7.530 min
Delta R.T.: -0.009 min
Response: 274614
Conc: 4.28 ng/ml



#39 AR-1262-4

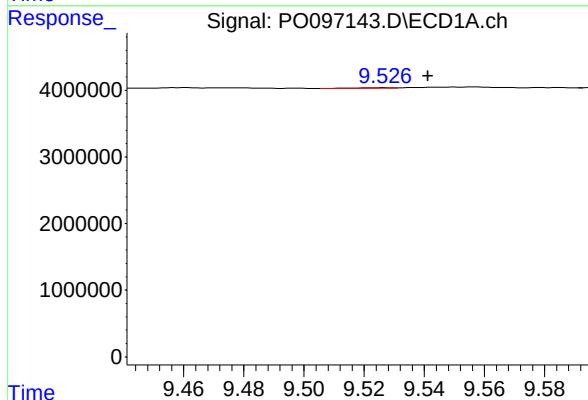
R.T.: 8.837 min
Delta R.T.: -0.013 min
Response: 401406
Conc: 5.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



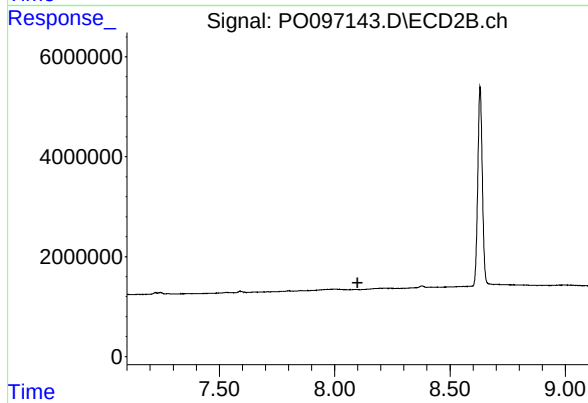
#39 AR-1262-4

R.T.: 7.591 min
Delta R.T.: -0.012 min
Response: 414424
Conc: 3.65 ng/ml



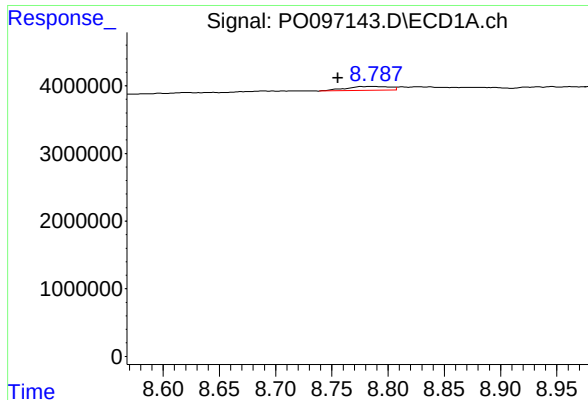
#40 AR-1262-5

R.T.: 9.527 min
Delta R.T.: -0.014 min
Response: 85742
Conc: 1.03 ng/ml



#40 AR-1262-5

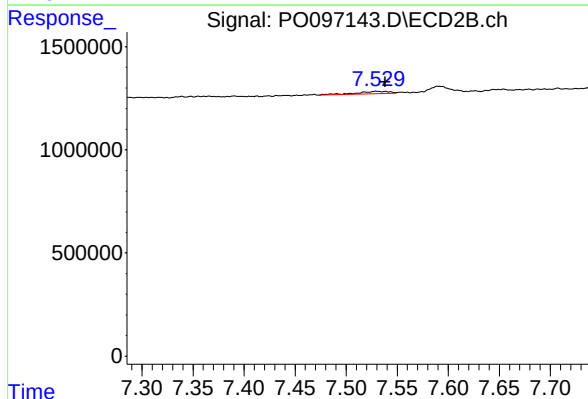
R.T.: 0.000 min
Exp R.T.: 8.099 min
Response: 0
Conc: N.D.



#41 AR-1268-1

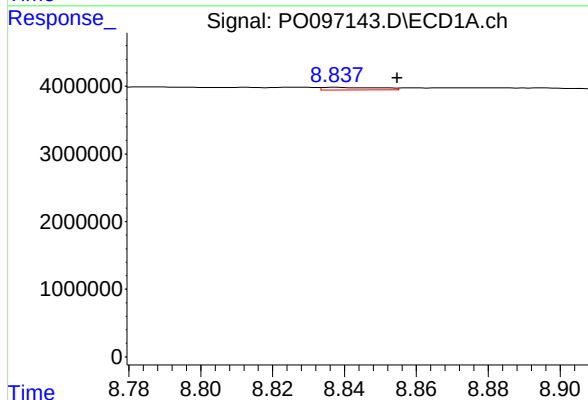
R.T.: 8.787 min
Delta R.T.: 0.032 min
Response: 1579315
Conc: 5.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



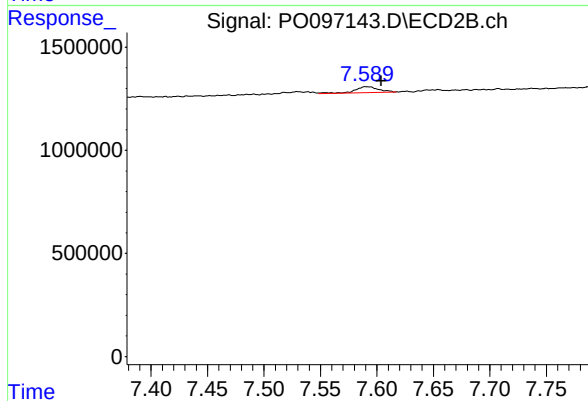
#41 AR-1268-1

R.T.: 7.530 min
Delta R.T.: -0.008 min
Response: 274614
Conc: 1.48 ng/ml



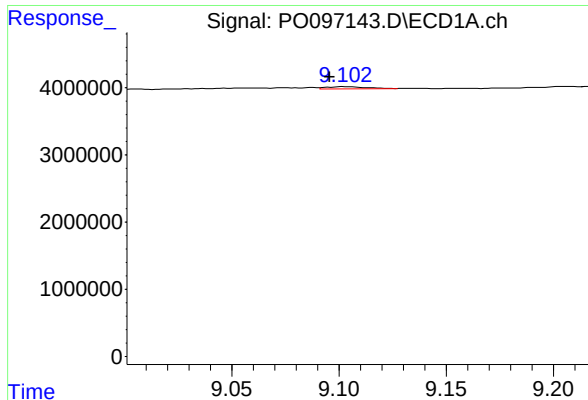
#42 AR-1268-2

R.T.: 8.837 min
Delta R.T.: -0.018 min
Response: 401406
Conc: 1.46 ng/ml



#42 AR-1268-2

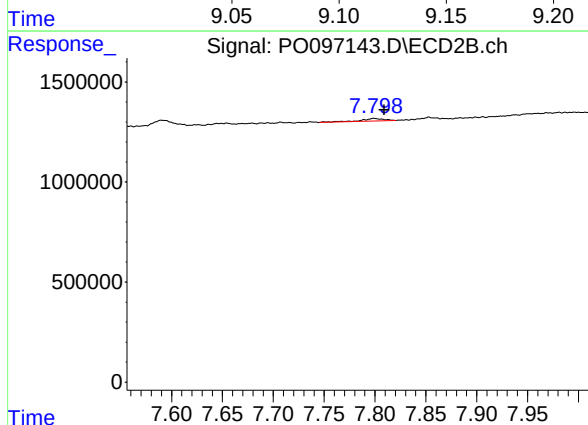
R.T.: 7.591 min
Delta R.T.: -0.013 min
Response: 414424
Conc: 2.47 ng/ml



#43 AR-1268-3

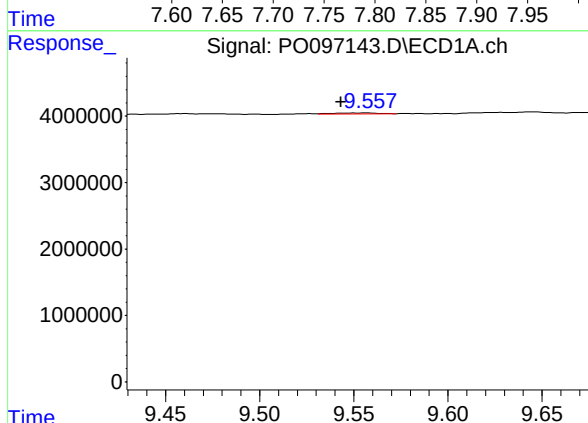
R.T.: 9.103 min
Delta R.T.: 0.007 min
Response: 467308
Conc: 1.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



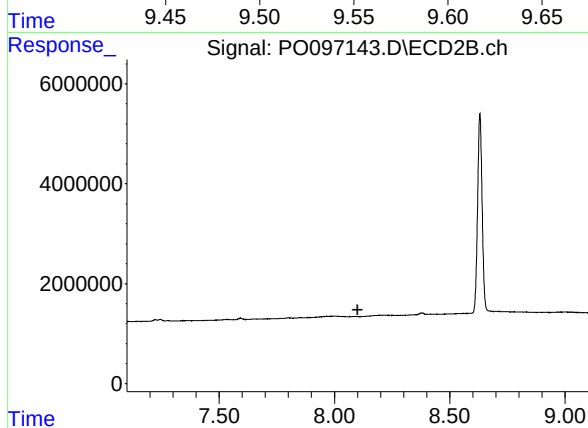
#43 AR-1268-3

R.T.: 7.799 min
Delta R.T.: -0.010 min
Response: 214608
Conc: 1.49 ng/ml



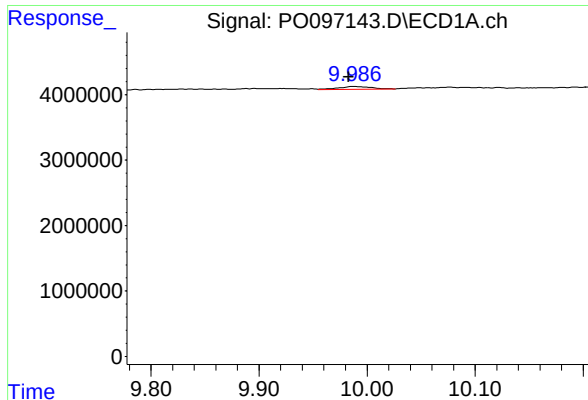
#44 AR-1268-4

R.T.: 9.558 min
Delta R.T.: 0.015 min
Response: 287557
Conc: 3.10 ng/ml



#44 AR-1268-4

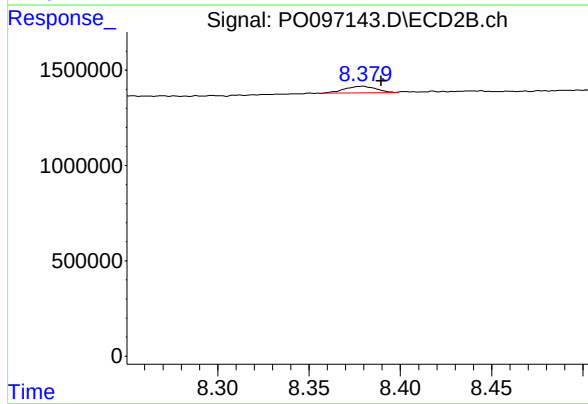
R.T.: 0.000 min
Exp R.T. : 8.100 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.987 min
Delta R.T.: 0.004 min
Response: 904745
Conc: 1.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.379 min
Delta R.T.: -0.011 min
Response: 403471
Conc: 0.97 ng/ml