

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090123\
 Data File : P0097620.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Sep 2023 09:39
 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: Sep 01 12:43:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0082823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 29 10:29:21 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...	4.445	3.625	159.2E6	34996593	47.691	51.875
2)	SA Decachlor...	10.296	8.665	91301428	31931312	49.746	55.626
Target Compounds							
3)	L1 AR-1016-1	5.622	4.716	29796594	7693415	331.043	353.417
4)	L1 AR-1016-2	5.645	4.735	36342417	7730816	261.915	256.203
5)	L1 AR-1016-3	5.708	4.914	18538188	5094816	204.463	315.402 #
6)	L1 AR-1016-4	5.806	4.955	19932608	11043721	287.484	769.638 #
7)	L1 AR-1016-5	6.105	5.169	47453333	14319257	668.082	782.977
8)	L2 AR-1221-1	4.645	3.843	330519	97664	8.212	11.930 #
9)	L2 AR-1221-2	4.753	3.927	2688060	503353	89.425	86.849
10)	L2 AR-1221-3	4.818	4.003	2848614	533272	31.978	29.001
11)	L3 AR-1232-1	4.818	4.003	2848614	533272	38.623	35.395
12)	L3 AR-1232-2	5.352	4.735	13859035	7730816	361.653	553.774 #
13)	L3 AR-1232-3	5.645	4.914	36342417	5094816	561.914	725.393 #
14)	L3 AR-1232-4	5.806	4.997	19932608	11982415	625.750	1694.689 #
15)	L3 AR-1232-5	5.898	5.169	45288938	14319257	1539.169	1819.207
16)	L4 AR-1242-1	5.622	4.716	29796594	7693415	367.902	398.825
17)	L4 AR-1242-2	5.645	4.735	36342417	7730816	291.002	284.016
18)	L4 AR-1242-3	5.708	4.914	18538188	5094816	225.472	355.022 #
19)	L4 AR-1242-4	5.806	4.997	19932608	11982415	317.526	756.541 #
20)	L4 AR-1242-5	6.551	5.523	47313391	18936323	752.252	1072.988 #
21)	L5 AR-1248-1	5.622	4.716	29796594	7693415	505.213	559.857
22)	L5 AR-1248-2	5.898	4.955	45288938	11043721	457.906	498.049
23)	L5 AR-1248-3	6.105	4.997	47453333	11982415	458.015	521.142
24)	L5 AR-1248-4	6.511	5.169	47726159	14319257	521.718	527.668
25)	L5 AR-1248-5	6.551	5.563	47313391	13285490	466.060	587.652 #
26)	L6 AR-1254-1	6.484	5.523	37778984	18936323	343.628	490.637 #
27)	L6 AR-1254-2	6.708	5.671	46959758	5844504	288.167	171.590 #
28)	L6 AR-1254-3	7.075	6.077	26257818	8435112	161.234	158.975
29)	L6 AR-1254-4	7.364	6.306	16139300	5418379	165.583	198.705
30)	L6 AR-1254-5	7.787	6.727	4200750	1929764	37.200	43.770
31)	L7 AR-1260-1	7.242	6.222	3172176	3964159	24.851	106.137 #
32)	L7 AR-1260-2	7.501	6.396	4584473	1214071	33.643	28.692
33)	L7 AR-1260-3	7.855	6.550	788745	1112134	7.462	26.569 #
34)	L7 AR-1260-4	8.082	7.025	2249931	212048	19.889	6.556 #
35)	L7 AR-1260-5	8.422	7.267	1589786	515189	8.457	7.803
36)	L8 AR-1262-1	7.855	6.834	788745	24514	5.241	1.221 #
37)	L8 AR-1262-2	8.422	7.025	1589786	212048	7.260	4.853 #
38)	L8 AR-1262-3	8.756	7.558	1466291	604531	9.458	19.398 #
39)	L8 AR-1262-4	8.834	7.616	87551	529221	0.702	9.409 #
40)	L8 AR-1262-5	9.530	8.108	2133716	604872	31.027	25.711
41)	L9 AR-1268-1	8.756	7.558	1466291	604531	5.163	6.316

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 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

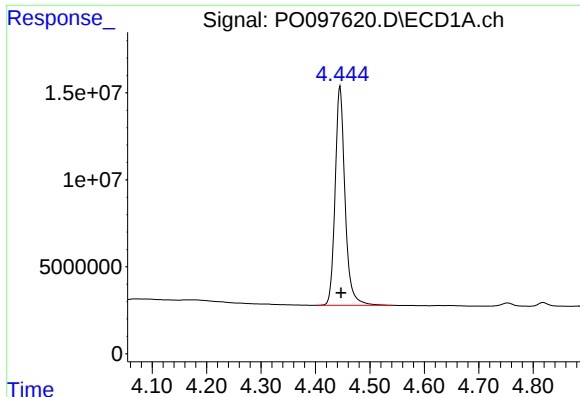
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 01 12:43:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0082823.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	8.834	7.616	87551	529221	0.345	6.384 #
43) L9	AR-1268-3	9.057	7.954	1616550	623451	7.167	31.465 #
44) L9	AR-1268-4	9.530	8.108	2133716	604872	27.722	23.406
45) L9	AR-1268-5	9.944	8.409	731828	297490	1.060	1.305

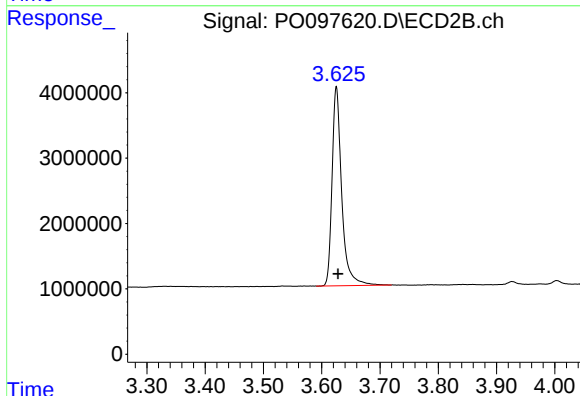
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

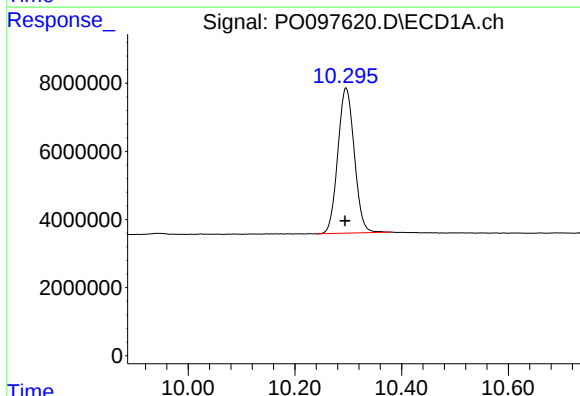
R.T.: 4.445 min
Delta R.T.: -0.002 min
Response: 159174066
Conc: 47.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



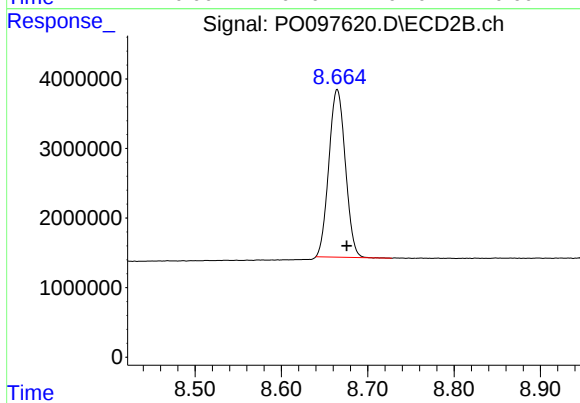
#1 Tetrachloro-m-xylene

R.T.: 3.625 min
Delta R.T.: -0.003 min
Response: 34996593
Conc: 51.88 ng/ml



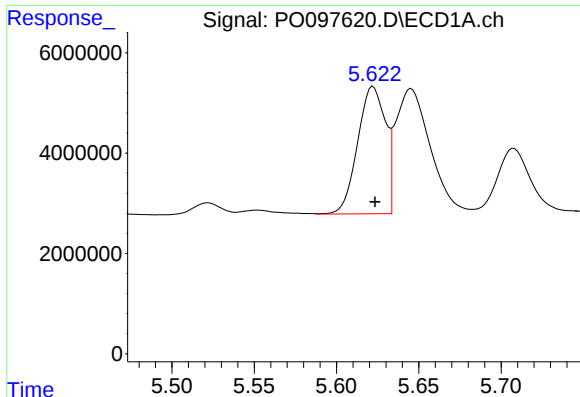
#2 Decachlorobiphenyl

R.T.: 10.296 min
Delta R.T.: 0.002 min
Response: 91301428
Conc: 49.75 ng/ml



#2 Decachlorobiphenyl

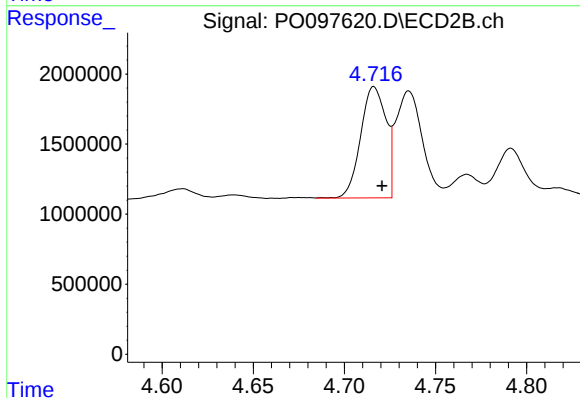
R.T.: 8.665 min
Delta R.T.: -0.011 min
Response: 31931312
Conc: 55.63 ng/ml



#3 AR-1016-1

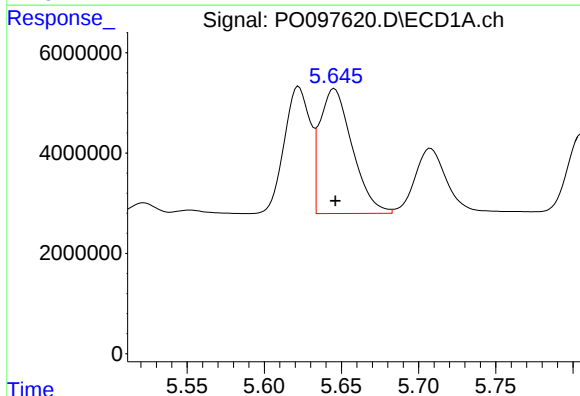
R.T.: 5.622 min
Delta R.T.: -0.001 min
Response: 29796594
Conc: 331.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



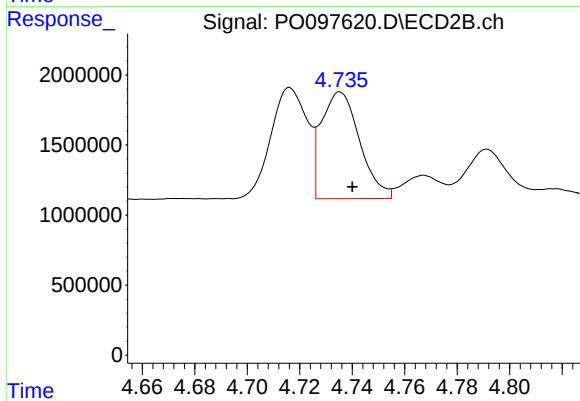
#3 AR-1016-1

R.T.: 4.716 min
Delta R.T.: -0.004 min
Response: 7693415
Conc: 353.42 ng/ml



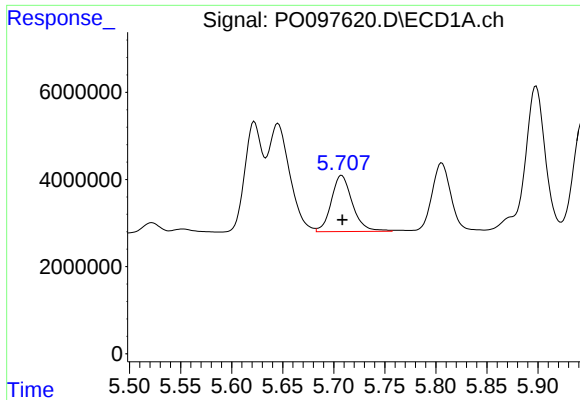
#4 AR-1016-2

R.T.: 5.645 min
Delta R.T.: 0.000 min
Response: 36342417
Conc: 261.91 ng/ml



#4 AR-1016-2

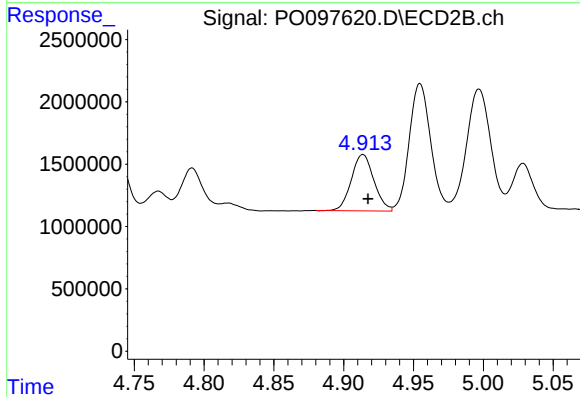
R.T.: 4.735 min
Delta R.T.: -0.005 min
Response: 7730816
Conc: 256.20 ng/ml



#5 AR-1016-3

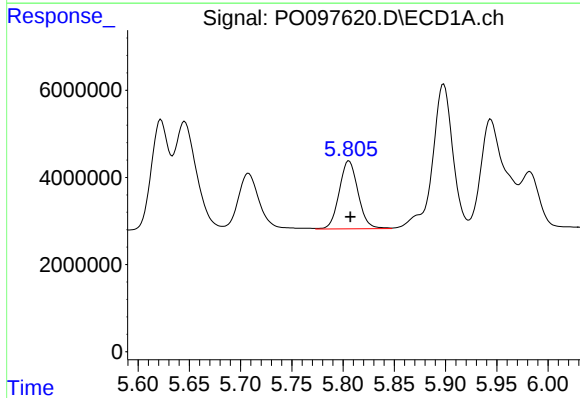
R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 18538188
Conc: 204.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



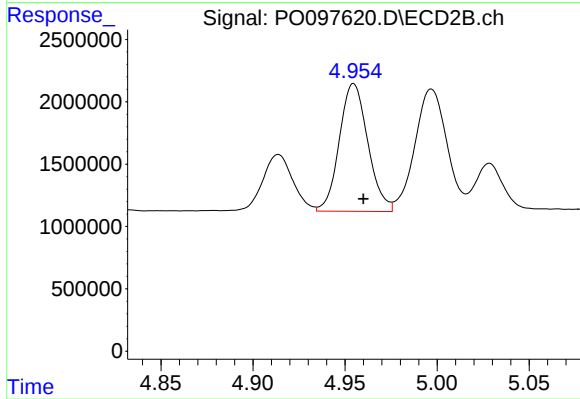
#5 AR-1016-3

R.T.: 4.914 min
Delta R.T.: -0.004 min
Response: 5094816
Conc: 315.40 ng/ml



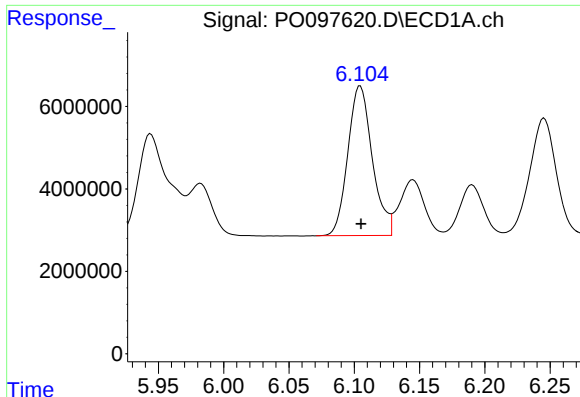
#6 AR-1016-4

R.T.: 5.806 min
Delta R.T.: -0.001 min
Response: 19932608
Conc: 287.48 ng/ml



#6 AR-1016-4

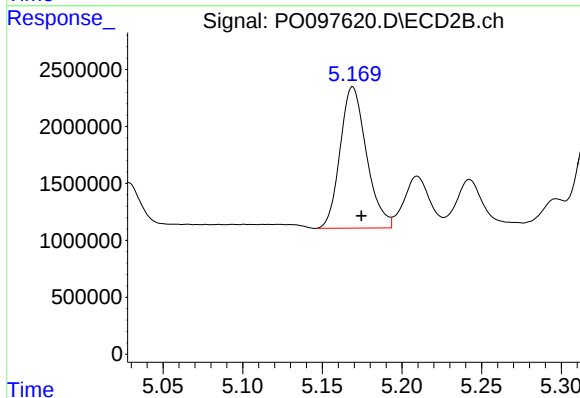
R.T.: 4.955 min
Delta R.T.: -0.005 min
Response: 11043721
Conc: 769.64 ng/ml



#7 AR-1016-5

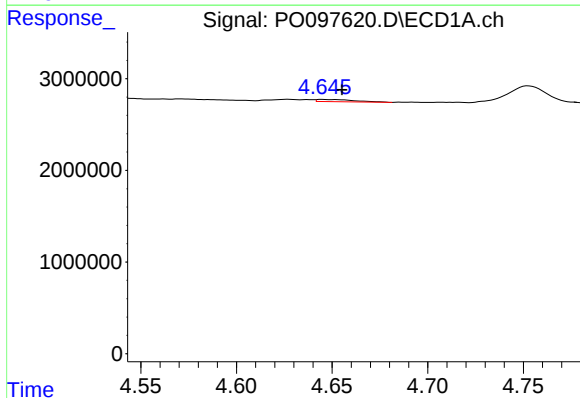
R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 47453333
Conc: 668.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



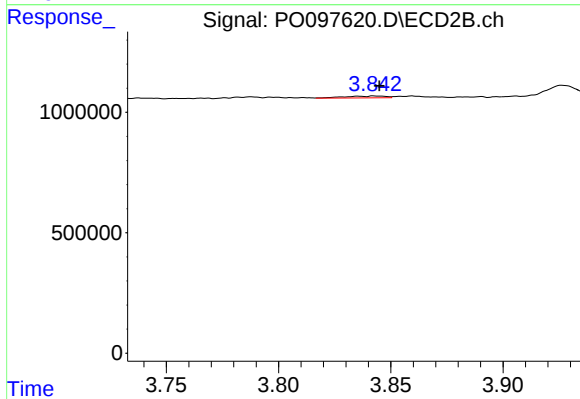
#7 AR-1016-5

R.T.: 5.169 min
Delta R.T.: -0.005 min
Response: 14319257
Conc: 782.98 ng/ml



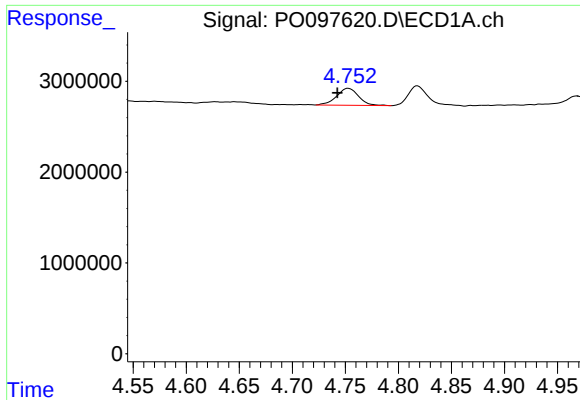
#8 AR-1221-1

R.T.: 4.645 min
Delta R.T.: -0.010 min
Response: 330519
Conc: 8.21 ng/ml



#8 AR-1221-1

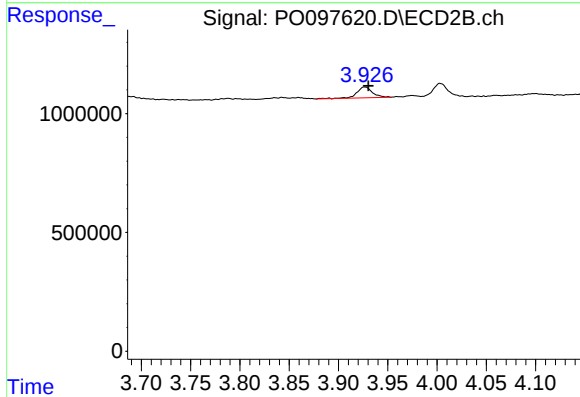
R.T.: 3.843 min
Delta R.T.: -0.002 min
Response: 97664
Conc: 11.93 ng/ml



#9 AR-1221-2

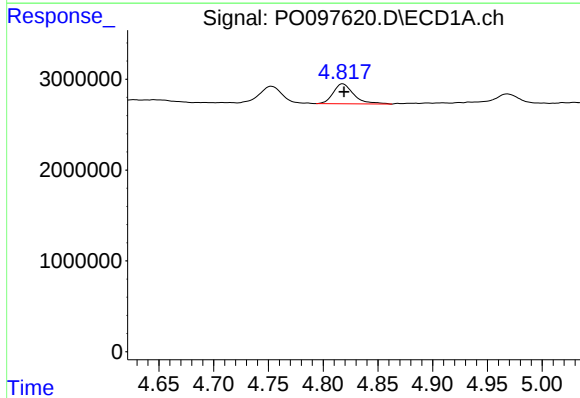
R.T.: 4.753 min
Delta R.T.: 0.010 min
Response: 2688060
Conc: 89.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



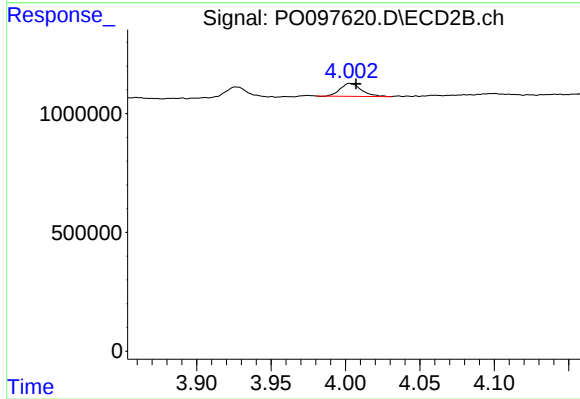
#9 AR-1221-2

R.T.: 3.927 min
Delta R.T.: -0.003 min
Response: 503353
Conc: 86.85 ng/ml



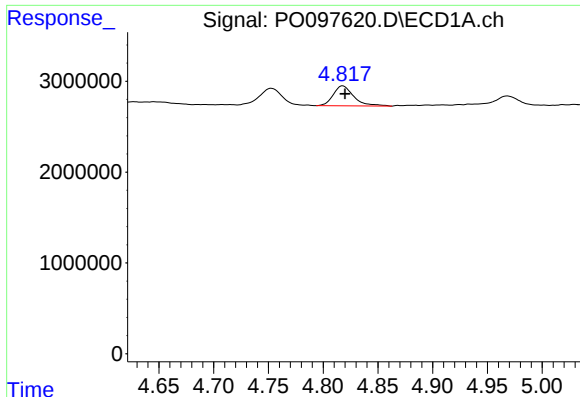
#10 AR-1221-3

R.T.: 4.818 min
Delta R.T.: -0.001 min
Response: 2848614
Conc: 31.98 ng/ml



#10 AR-1221-3

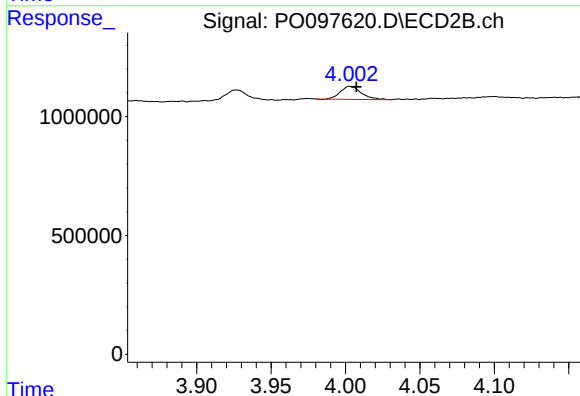
R.T.: 4.003 min
Delta R.T.: -0.004 min
Response: 533272
Conc: 29.00 ng/ml



#11 AR-1232-1

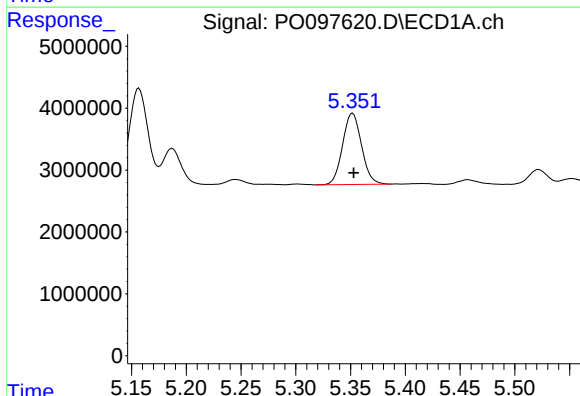
R.T.: 4.818 min
Delta R.T.: -0.002 min
Response: 2848614
Conc: 38.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



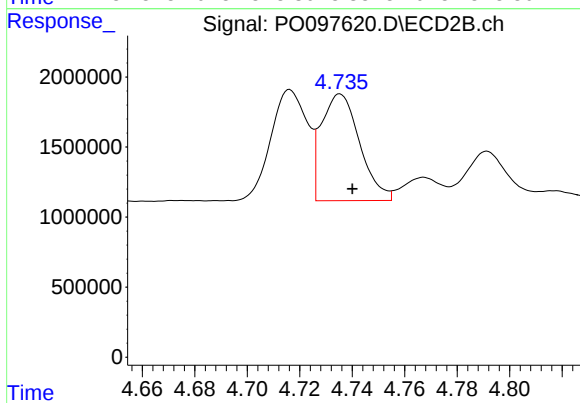
#11 AR-1232-1

R.T.: 4.003 min
Delta R.T.: -0.004 min
Response: 533272
Conc: 35.40 ng/ml



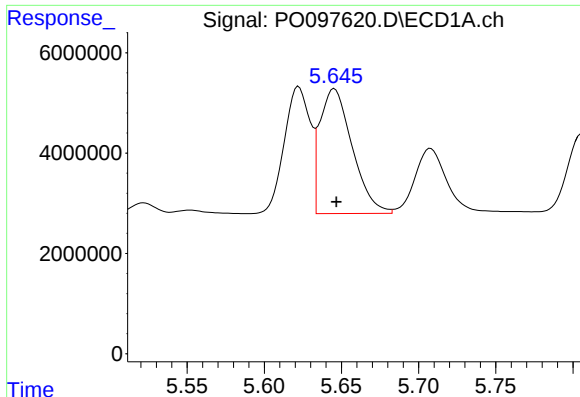
#12 AR-1232-2

R.T.: 5.352 min
Delta R.T.: -0.001 min
Response: 13859035
Conc: 361.65 ng/ml



#12 AR-1232-2

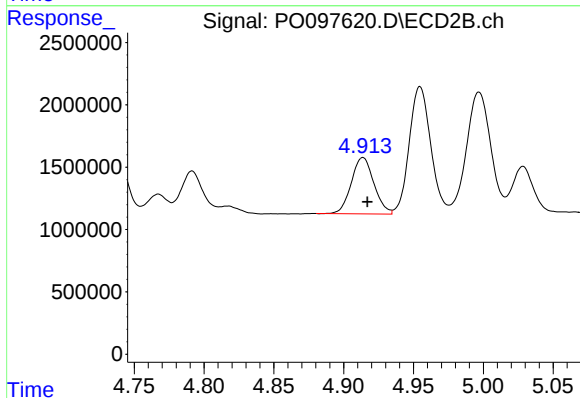
R.T.: 4.735 min
Delta R.T.: -0.005 min
Response: 7730816
Conc: 553.77 ng/ml



#13 AR-1232-3

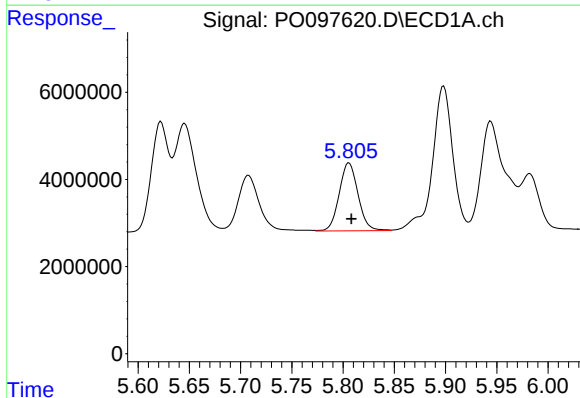
R.T.: 5.645 min
Delta R.T.: -0.001 min
Response: 36342417
Conc: 561.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



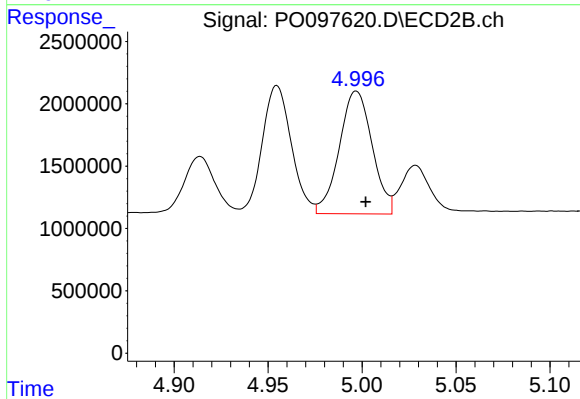
#13 AR-1232-3

R.T.: 4.914 min
Delta R.T.: -0.003 min
Response: 5094816
Conc: 725.39 ng/ml



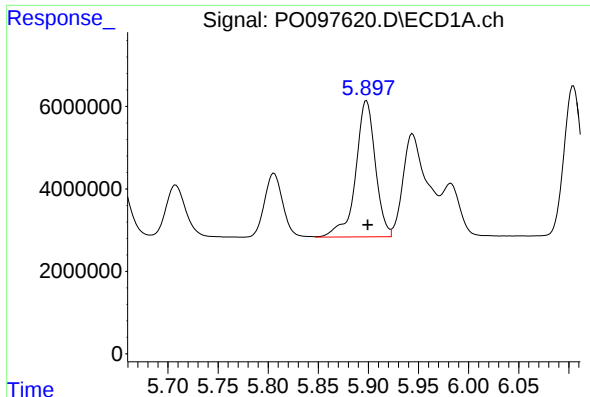
#14 AR-1232-4

R.T.: 5.806 min
Delta R.T.: -0.002 min
Response: 19932608
Conc: 625.75 ng/ml



#14 AR-1232-4

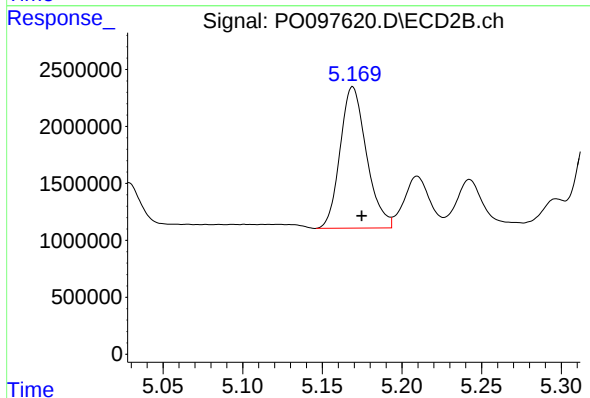
R.T.: 4.997 min
Delta R.T.: -0.005 min
Response: 11982415
Conc: 1694.69 ng/ml



#15 AR-1232-5

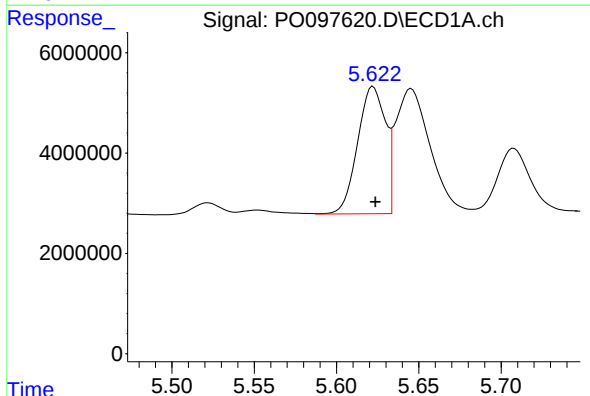
R.T.: 5.898 min
Delta R.T.: -0.001 min
Response: 45288938
Conc: 1539.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



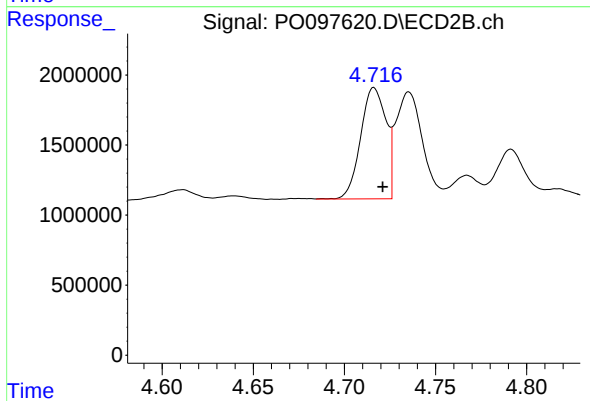
#15 AR-1232-5

R.T.: 5.169 min
Delta R.T.: -0.006 min
Response: 14319257
Conc: 1819.21 ng/ml



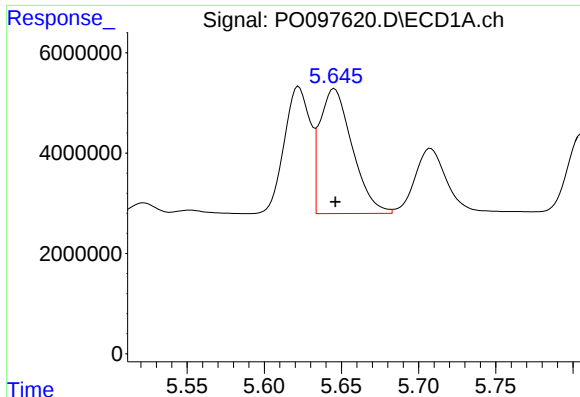
#16 AR-1242-1

R.T.: 5.622 min
Delta R.T.: -0.001 min
Response: 29796594
Conc: 367.90 ng/ml



#16 AR-1242-1

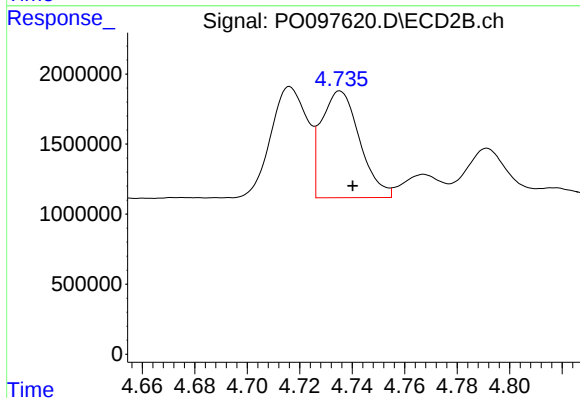
R.T.: 4.716 min
Delta R.T.: -0.005 min
Response: 7693415
Conc: 398.83 ng/ml



#17 AR-1242-2

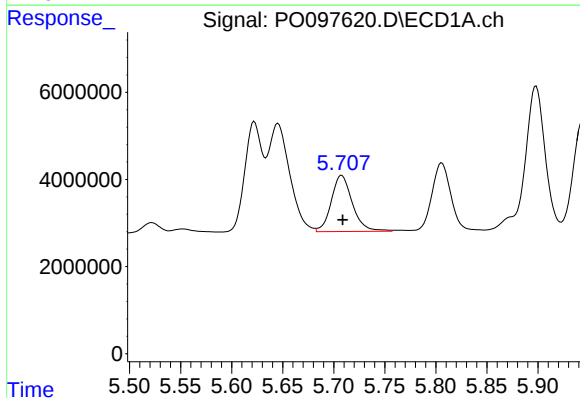
R.T.: 5.645 min
Delta R.T.: 0.000 min
Response: 36342417
Conc: 291.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



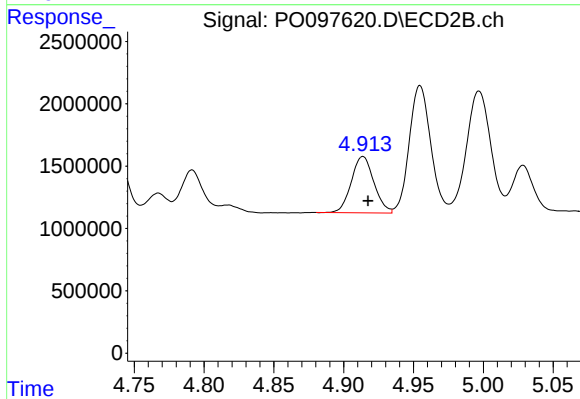
#17 AR-1242-2

R.T.: 4.735 min
Delta R.T.: -0.005 min
Response: 7730816
Conc: 284.02 ng/ml



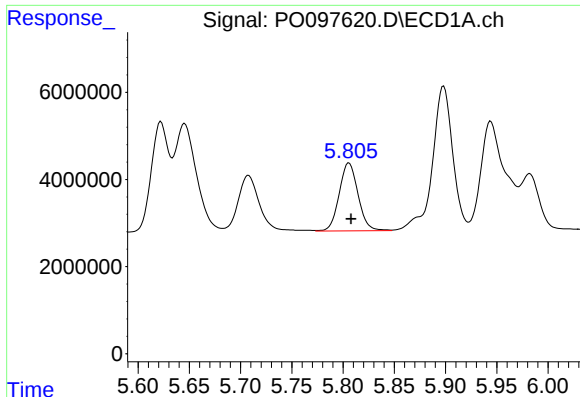
#18 AR-1242-3

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 18538188
Conc: 225.47 ng/ml



#18 AR-1242-3

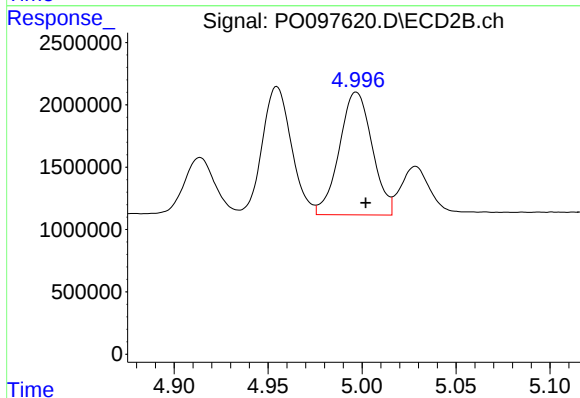
R.T.: 4.914 min
Delta R.T.: -0.004 min
Response: 5094816
Conc: 355.02 ng/ml



#19 AR-1242-4

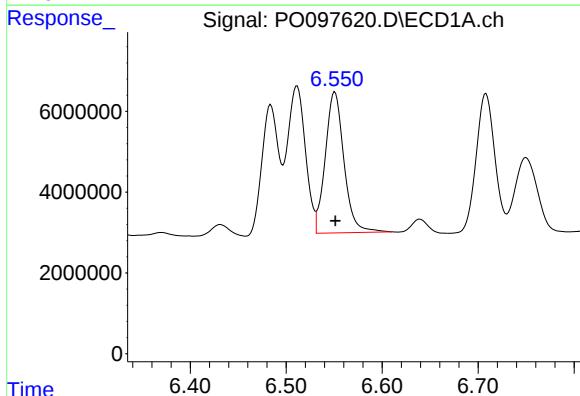
R.T.: 5.806 min
Delta R.T.: -0.002 min
Response: 19932608
Conc: 317.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



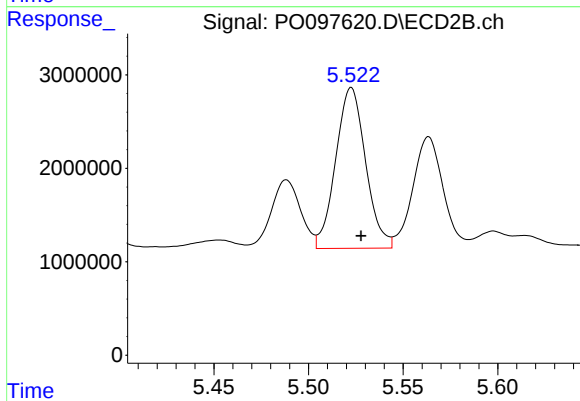
#19 AR-1242-4

R.T.: 4.997 min
Delta R.T.: -0.005 min
Response: 11982415
Conc: 756.54 ng/ml



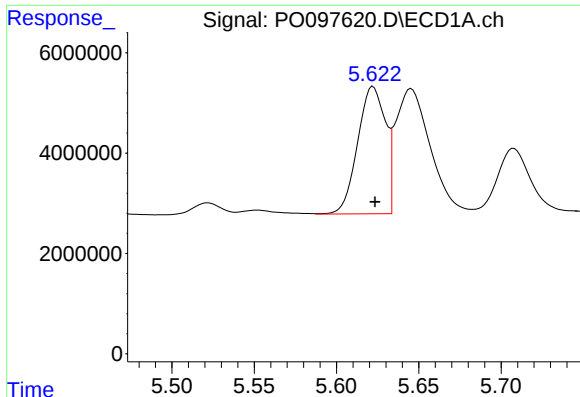
#20 AR-1242-5

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 47313391
Conc: 752.25 ng/ml



#20 AR-1242-5

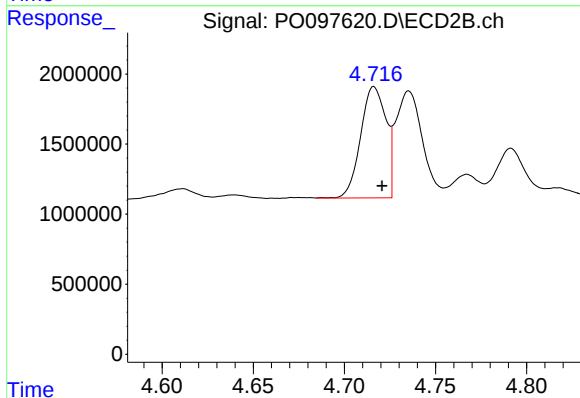
R.T.: 5.523 min
Delta R.T.: -0.005 min
Response: 18936323
Conc: 1072.99 ng/ml



#21 AR-1248-1

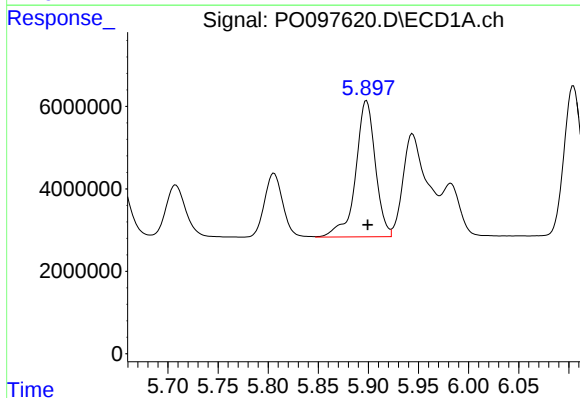
R.T.: 5.622 min
Delta R.T.: -0.001 min
Response: 29796594
Conc: 505.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



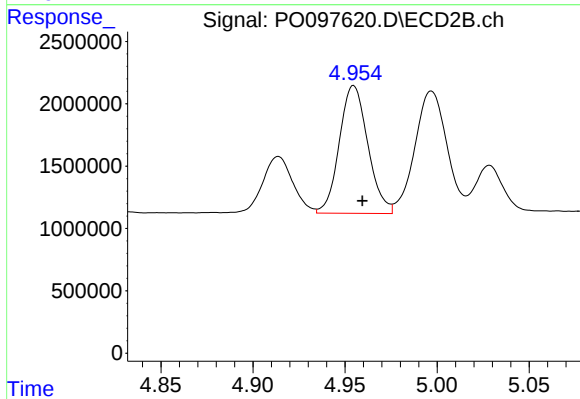
#21 AR-1248-1

R.T.: 4.716 min
Delta R.T.: -0.004 min
Response: 7693415
Conc: 559.86 ng/ml



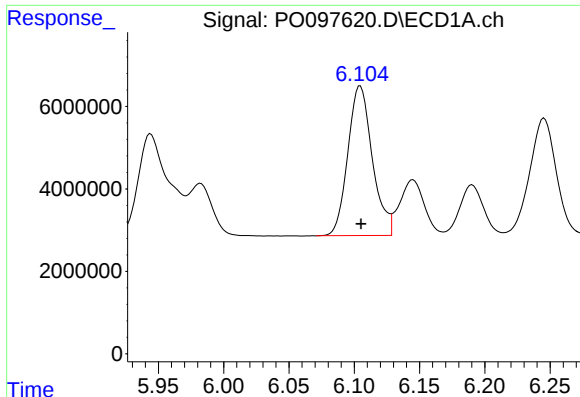
#22 AR-1248-2

R.T.: 5.898 min
Delta R.T.: -0.001 min
Response: 45288938
Conc: 457.91 ng/ml



#22 AR-1248-2

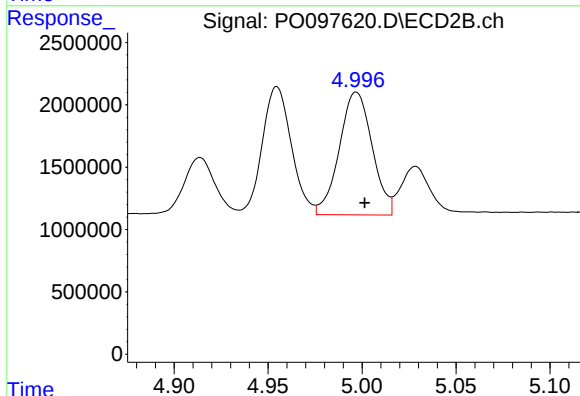
R.T.: 4.955 min
Delta R.T.: -0.005 min
Response: 11043721
Conc: 498.05 ng/ml



#23 AR-1248-3

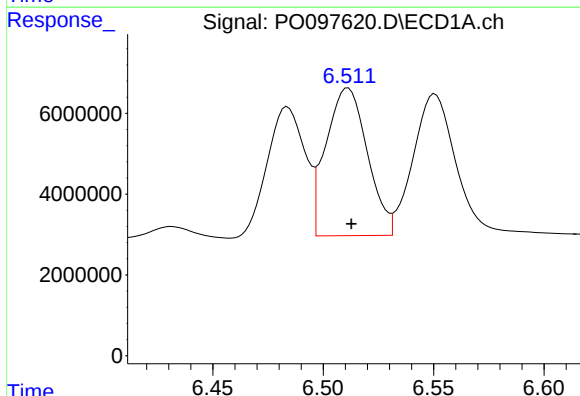
R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 47453333
Conc: 458.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



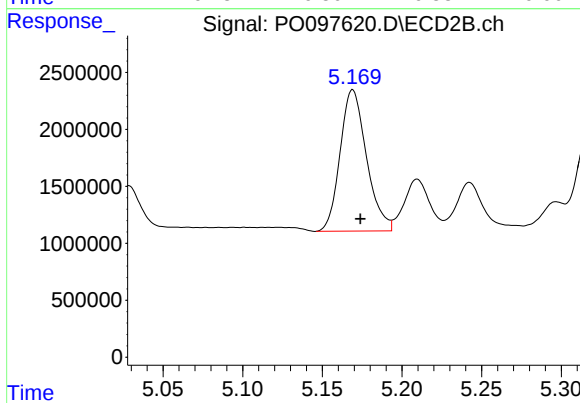
#23 AR-1248-3

R.T.: 4.997 min
Delta R.T.: -0.005 min
Response: 11982415
Conc: 521.14 ng/ml



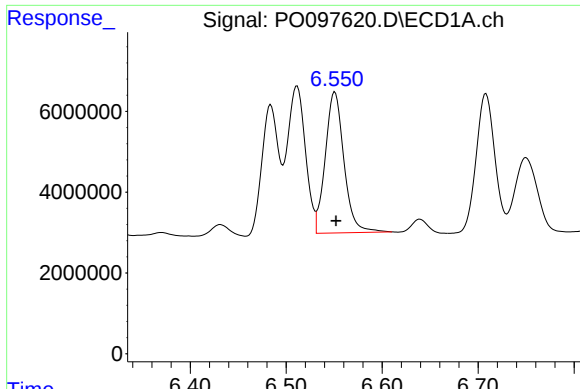
#24 AR-1248-4

R.T.: 6.511 min
Delta R.T.: -0.002 min
Response: 47726159
Conc: 521.72 ng/ml



#24 AR-1248-4

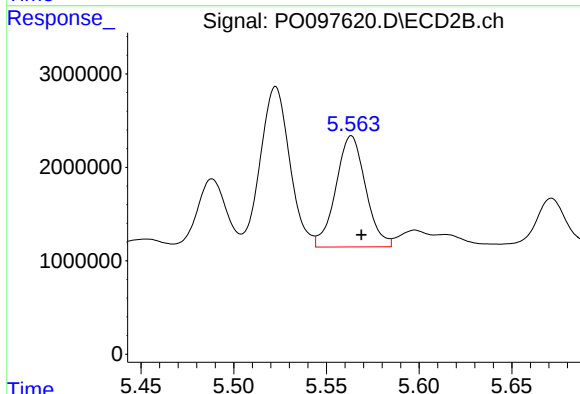
R.T.: 5.169 min
Delta R.T.: -0.005 min
Response: 14319257
Conc: 527.67 ng/ml



#25 AR-1248-5

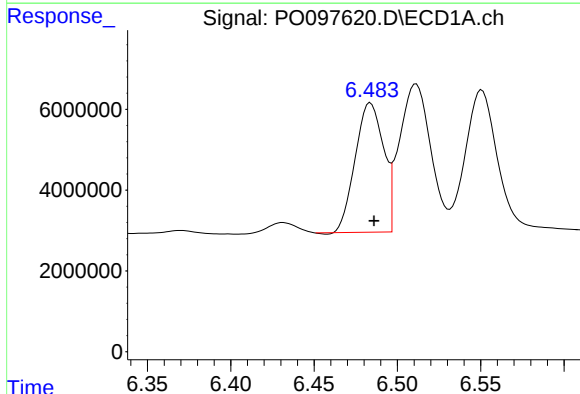
R.T.: 6.551 min
Delta R.T.: -0.001 min
Response: 47313391
Conc: 466.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



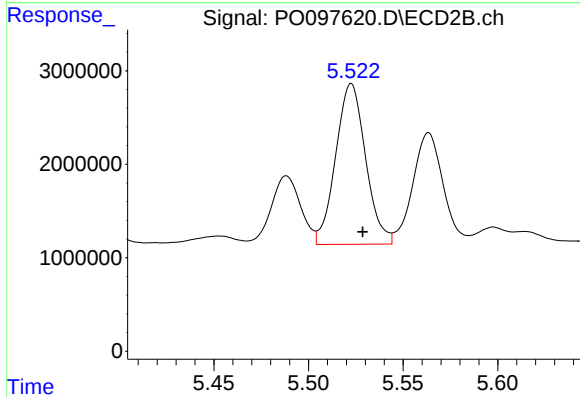
#25 AR-1248-5

R.T.: 5.563 min
Delta R.T.: -0.006 min
Response: 13285490
Conc: 587.65 ng/ml



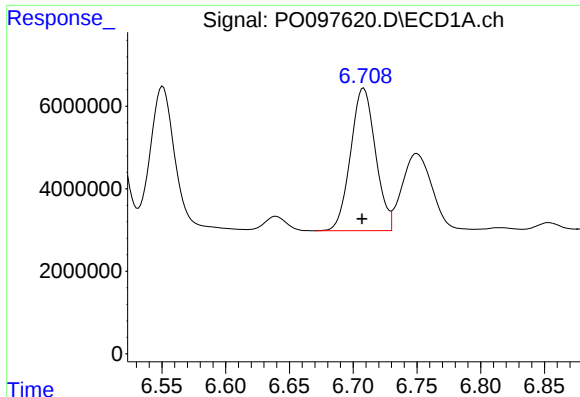
#26 AR-1254-1

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 37778984
Conc: 343.63 ng/ml



#26 AR-1254-1

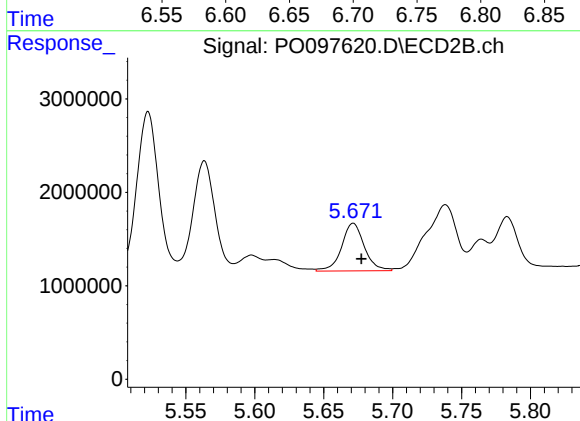
R.T.: 5.523 min
Delta R.T.: -0.006 min
Response: 18936323
Conc: 490.64 ng/ml



#27 AR-1254-2

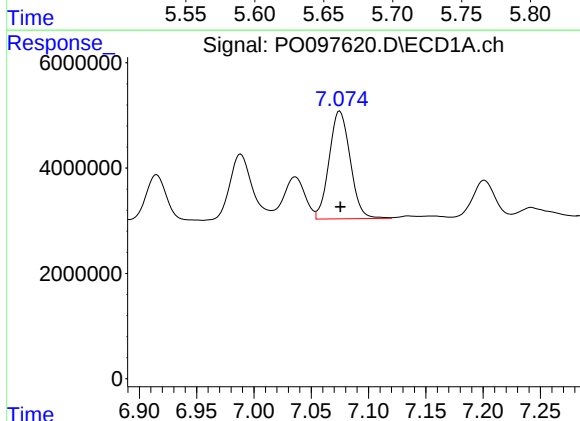
R.T.: 6.708 min
Delta R.T.: 0.001 min
Response: 46959758
Conc: 288.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



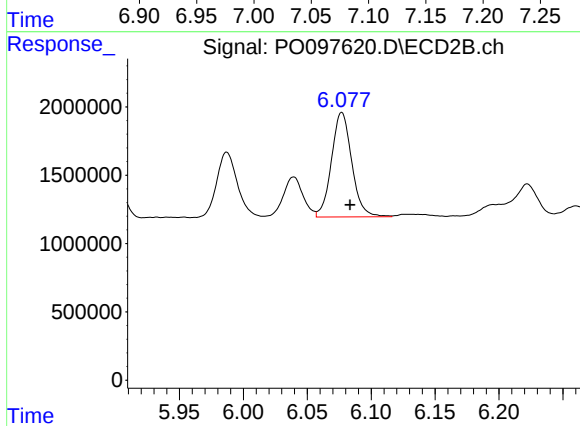
#27 AR-1254-2

R.T.: 5.671 min
Delta R.T.: -0.006 min
Response: 5844504
Conc: 171.59 ng/ml



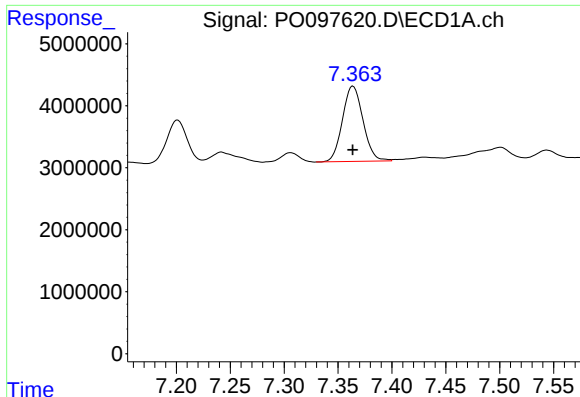
#28 AR-1254-3

R.T.: 7.075 min
Delta R.T.: 0.000 min
Response: 26257818
Conc: 161.23 ng/ml



#28 AR-1254-3

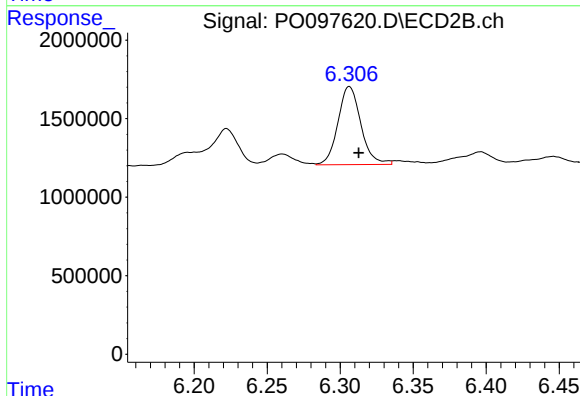
R.T.: 6.077 min
Delta R.T.: -0.006 min
Response: 8435112
Conc: 158.97 ng/ml



#29 AR-1254-4

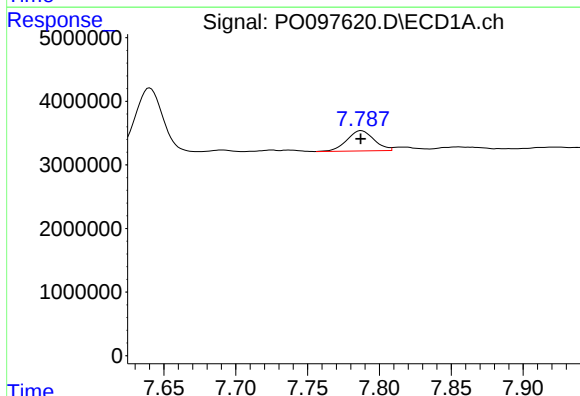
R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 16139300
Conc: 165.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



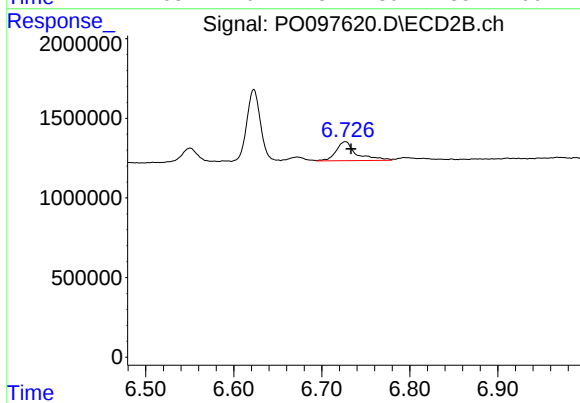
#29 AR-1254-4

R.T.: 6.306 min
Delta R.T.: -0.006 min
Response: 5418379
Conc: 198.70 ng/ml



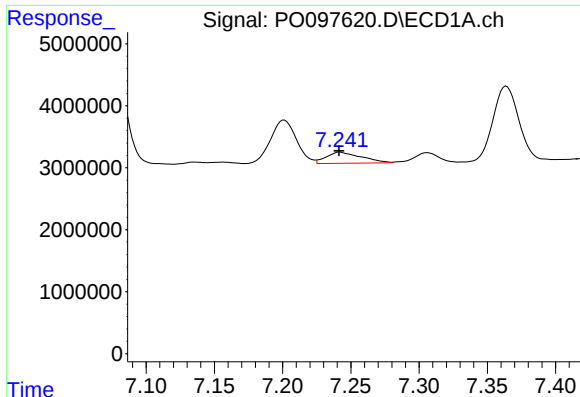
#30 AR-1254-5

R.T.: 7.787 min
Delta R.T.: 0.000 min
Response: 4200750
Conc: 37.20 ng/ml



#30 AR-1254-5

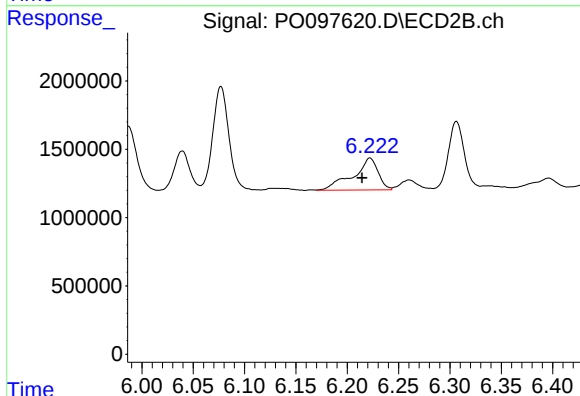
R.T.: 6.727 min
Delta R.T.: -0.006 min
Response: 1929764
Conc: 43.77 ng/ml



#31 AR-1260-1

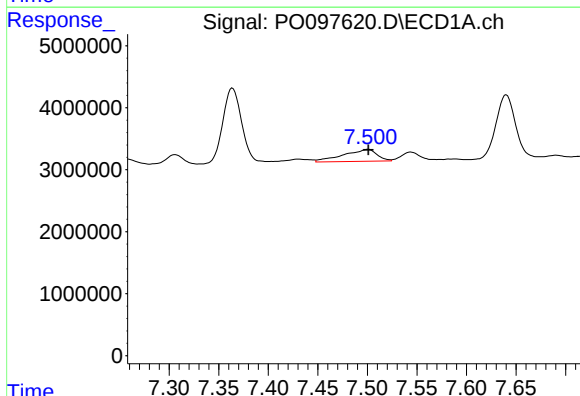
R.T.: 7.242 min
Delta R.T.: 0.000 min
Response: 3172176
Conc: 24.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



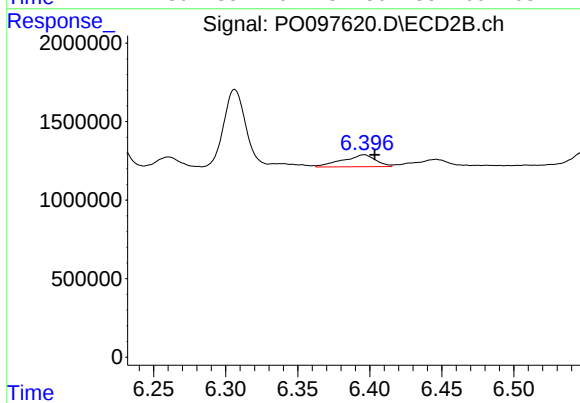
#31 AR-1260-1

R.T.: 6.222 min
Delta R.T.: 0.008 min
Response: 3964159
Conc: 106.14 ng/ml



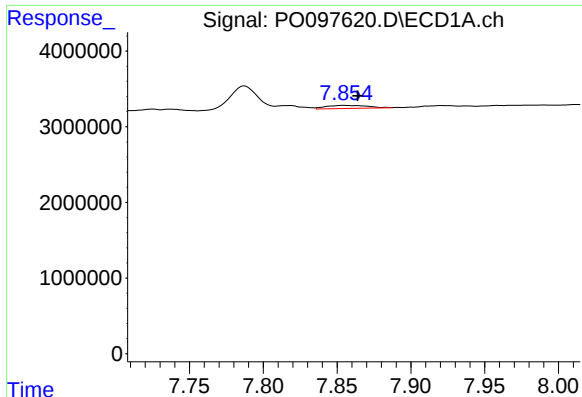
#32 AR-1260-2

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 4584473
Conc: 33.64 ng/ml



#32 AR-1260-2

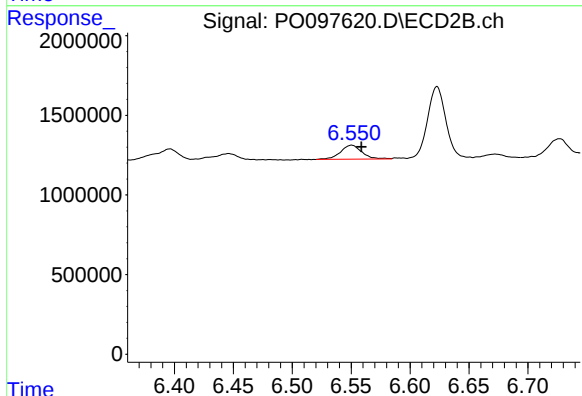
R.T.: 6.396 min
Delta R.T.: -0.007 min
Response: 1214071
Conc: 28.69 ng/ml



#33 AR-1260-3

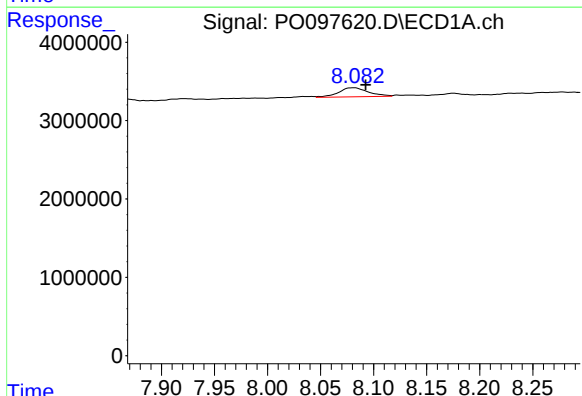
R.T.: 7.855 min
Delta R.T.: -0.009 min
Response: 788745
Conc: 7.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



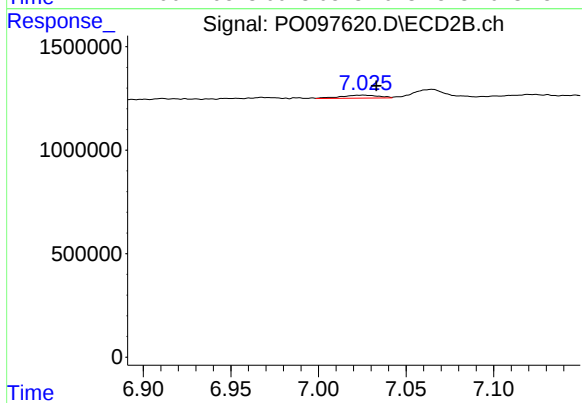
#33 AR-1260-3

R.T.: 6.550 min
Delta R.T.: -0.008 min
Response: 1112134
Conc: 26.57 ng/ml



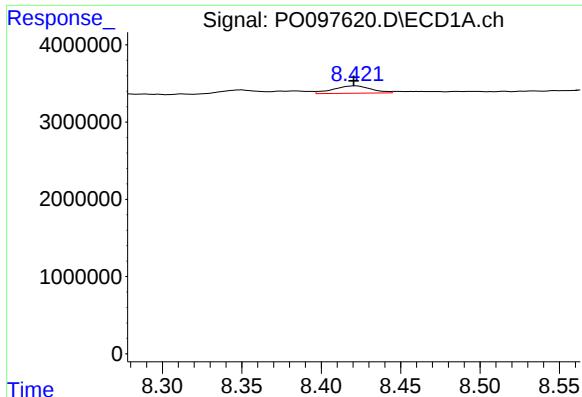
#34 AR-1260-4

R.T.: 8.082 min
Delta R.T.: -0.011 min
Response: 2249931
Conc: 19.89 ng/ml



#34 AR-1260-4

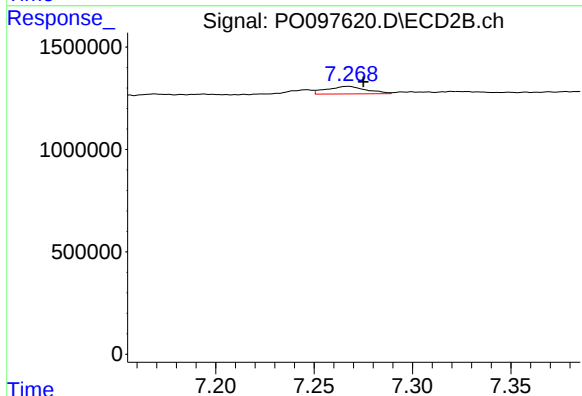
R.T.: 7.025 min
Delta R.T.: -0.008 min
Response: 212048
Conc: 6.56 ng/ml



#35 AR-1260-5

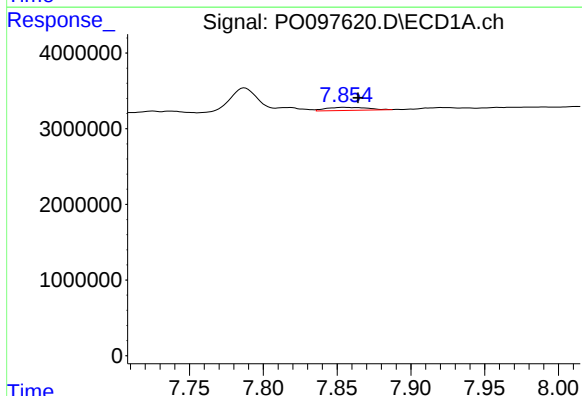
R.T.: 8.422 min
Delta R.T.: 0.001 min
Response: 1589786
Conc: 8.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



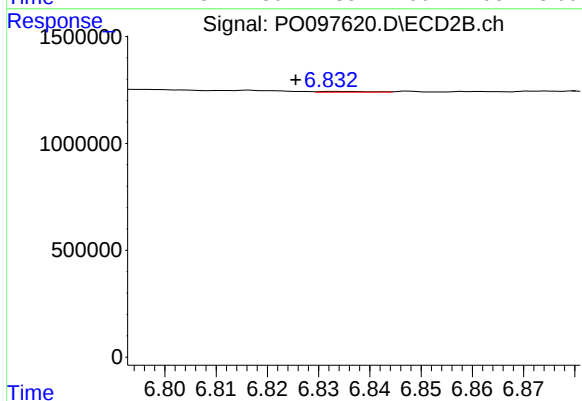
#35 AR-1260-5

R.T.: 7.267 min
Delta R.T.: -0.008 min
Response: 515189
Conc: 7.80 ng/ml



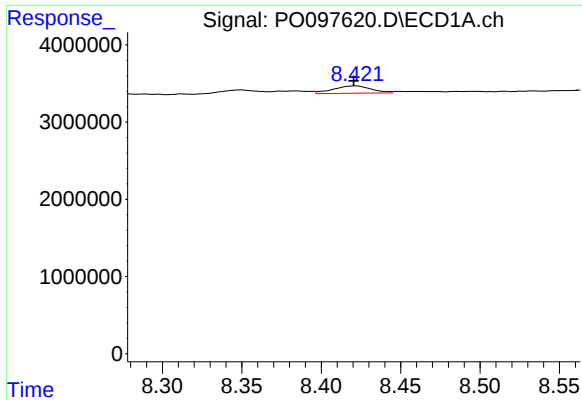
#36 AR-1262-1

R.T.: 7.855 min
Delta R.T.: -0.009 min
Response: 788745
Conc: 5.24 ng/ml



#36 AR-1262-1

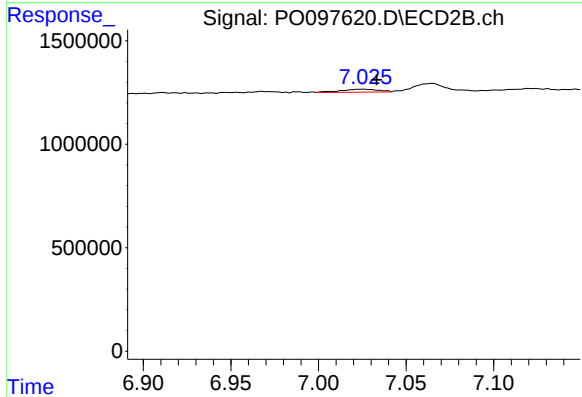
R.T.: 6.834 min
Delta R.T.: 0.008 min
Response: 24514
Conc: 1.22 ng/ml



#37 AR-1262-2

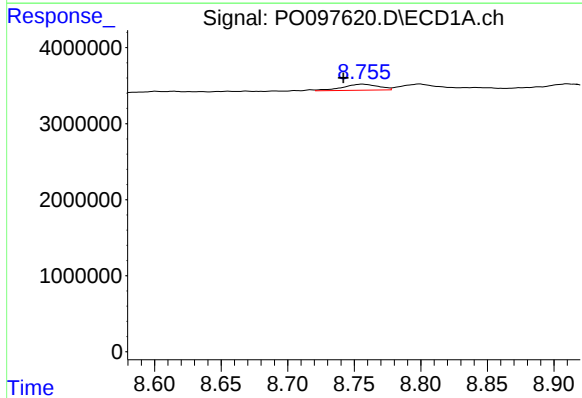
R.T.: 8.422 min
Delta R.T.: 0.001 min
Response: 1589786
Conc: 7.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



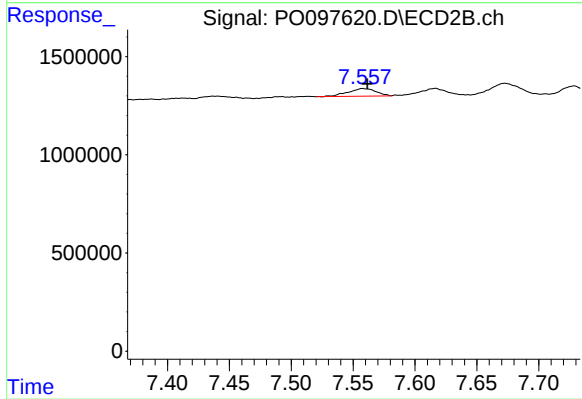
#37 AR-1262-2

R.T.: 7.025 min
Delta R.T.: -0.008 min
Response: 212048
Conc: 4.85 ng/ml



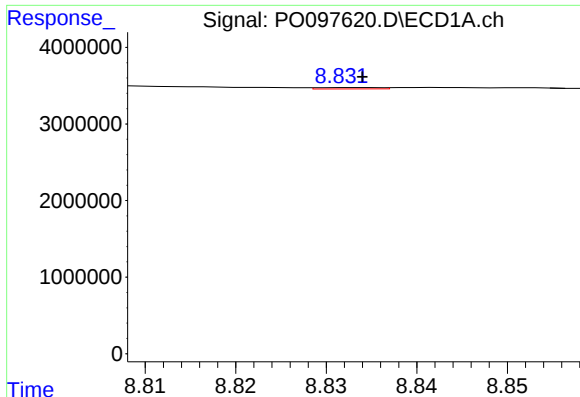
#38 AR-1262-3

R.T.: 8.756 min
Delta R.T.: 0.014 min
Response: 1466291
Conc: 9.46 ng/ml



#38 AR-1262-3

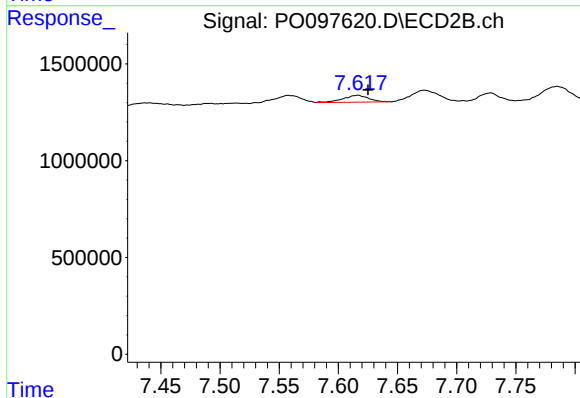
R.T.: 7.558 min
Delta R.T.: -0.004 min
Response: 604531
Conc: 19.40 ng/ml



#39 AR-1262-4

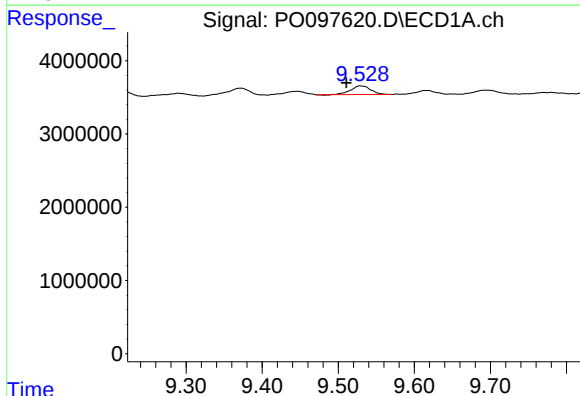
R.T.: 8.834 min
Delta R.T.: 0.000 min
Response: 87551
Conc: 0.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



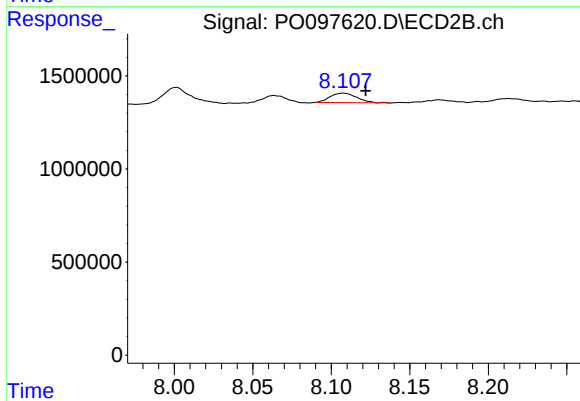
#39 AR-1262-4

R.T.: 7.616 min
Delta R.T.: -0.009 min
Response: 529221
Conc: 9.41 ng/ml



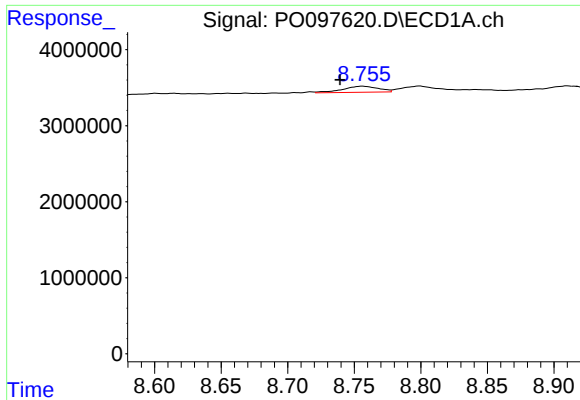
#40 AR-1262-5

R.T.: 9.530 min
Delta R.T.: 0.019 min
Response: 2133716
Conc: 31.03 ng/ml



#40 AR-1262-5

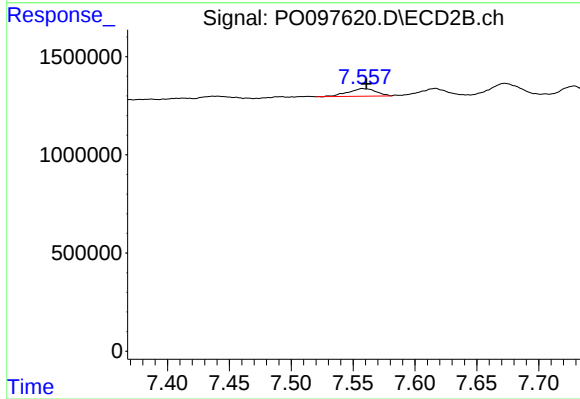
R.T.: 8.108 min
Delta R.T.: -0.014 min
Response: 604872
Conc: 25.71 ng/ml



#41 AR-1268-1

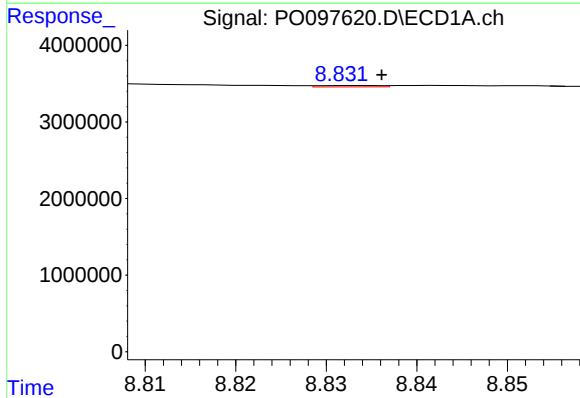
R.T.: 8.756 min
Delta R.T.: 0.017 min
Response: 1466291
Conc: 5.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



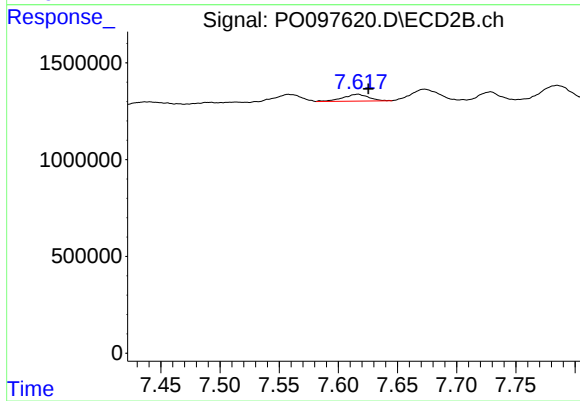
#41 AR-1268-1

R.T.: 7.558 min
Delta R.T.: -0.003 min
Response: 604531
Conc: 6.32 ng/ml



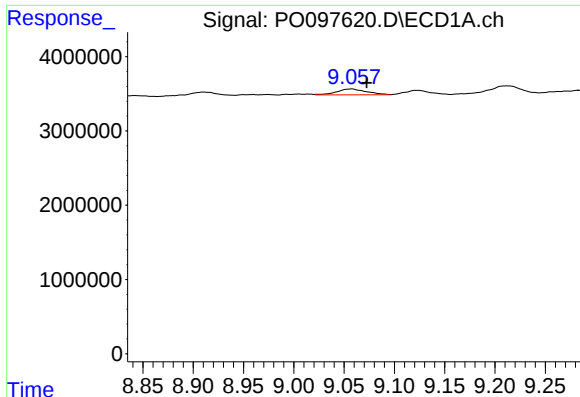
#42 AR-1268-2

R.T.: 8.834 min
Delta R.T.: -0.003 min
Response: 87551
Conc: 0.34 ng/ml



#42 AR-1268-2

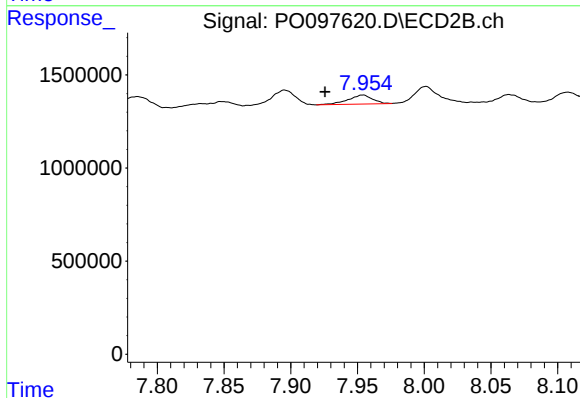
R.T.: 7.616 min
Delta R.T.: -0.009 min
Response: 529221
Conc: 6.38 ng/ml



#43 AR-1268-3

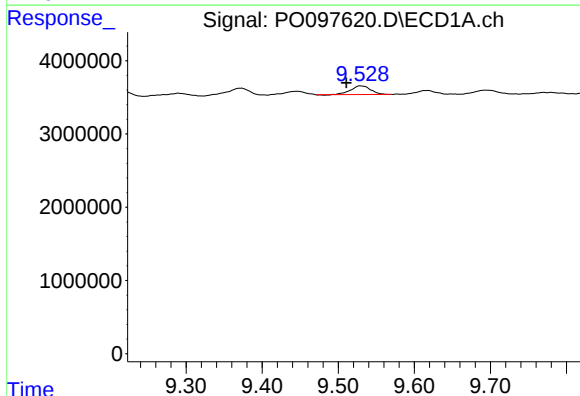
R.T.: 9.057 min
Delta R.T.: -0.015 min
Response: 1616550
Conc: 7.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



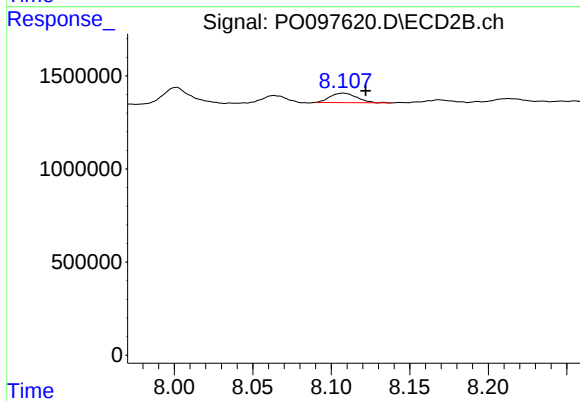
#43 AR-1268-3

R.T.: 7.954 min
Delta R.T.: 0.028 min
Response: 623451
Conc: 31.47 ng/ml



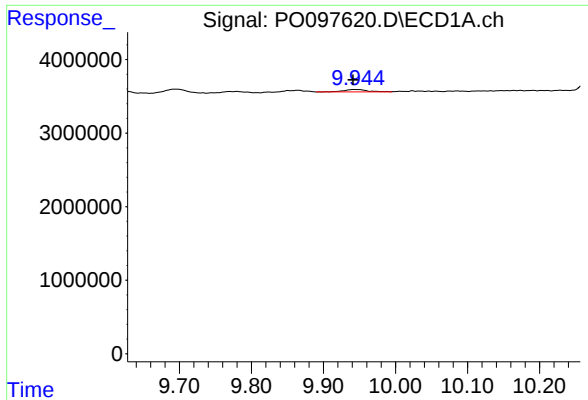
#44 AR-1268-4

R.T.: 9.530 min
Delta R.T.: 0.019 min
Response: 2133716
Conc: 27.72 ng/ml



#44 AR-1268-4

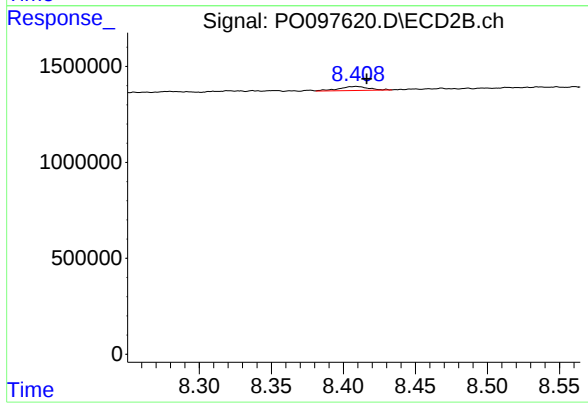
R.T.: 8.108 min
Delta R.T.: -0.014 min
Response: 604872
Conc: 23.41 ng/ml



#45 AR-1268-5

R.T.: 9.944 min
Delta R.T.: 0.003 min
Response: 731828
Conc: 1.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.409 min
Delta R.T.: -0.007 min
Response: 297490
Conc: 1.30 ng/ml