

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0020623\
 Data File : P0092376.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2023 10:28
 Operator : YP/AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 06 16:26:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0012323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 04:40:59 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...	4.447	3.644	143.4E6	67941313	49.535	48.386
2)	SA Decachlor...	10.371	8.686	106.0E6	54316286	51.358	48.114
Target Compounds							
3)	L1 AR-1016-1	5.634	4.732	38152703	18163748	417.163	395.202
4)	L1 AR-1016-2	5.657	4.750	56385948	26130775	421.074	398.470
5)	L1 AR-1016-3	5.720	4.927	35655336	13984994	414.335	395.561
6)	L1 AR-1016-4	5.820	4.969	27971041	12093446	419.571	388.769
7)	L1 AR-1016-5	6.121	5.183	29826988	15971194	415.127	401.629
8)	L2 AR-1221-1	4.654	3.857	4603677	2458064	121.774	129.846
9)	L2 AR-1221-2	4.747	3.944	6306770	3457977	227.891	246.050
10)	L2 AR-1221-3	4.823	4.020	23196105	11959611	274.888	285.601
11)	L3 AR-1232-1	4.823	4.020	23196105	11959611	335.229	340.005
12)	L3 AR-1232-2	5.361	4.750	32442316	26130775	928.547	852.414
13)	L3 AR-1232-3	5.657	4.927	56385948	13984994	921.004	868.655
14)	L3 AR-1232-4	5.820	5.011	27971041	15271581	933.280	934.989
15)	L3 AR-1232-5	5.913	5.183	26305911	15971194	1064.391	892.906
16)	L4 AR-1242-1	5.634	4.732	38152703	18163748	489.208	465.703
17)	L4 AR-1242-2	5.657	4.750	56385948	26130775	500.921	481.129
18)	L4 AR-1242-3	5.720	4.927	35655336	13984994	491.169	480.185
19)	L4 AR-1242-4	5.820	5.011	27971041	15271581	505.125	474.775
20)	L4 AR-1242-5	6.572	5.535	28398425	17781691	508.732	491.183
21)	L5 AR-1248-1	5.634	4.732	38152703	18163748	657.301	623.488
22)	L5 AR-1248-2	5.913	4.969	26305911	12093446	287.862	268.045
23)	L5 AR-1248-3	6.121	5.011	29826988	15271581	304.128	327.438
24)	L5 AR-1248-4	6.533	5.183	27767973	15971194	283.610	297.249
25)	L5 AR-1248-5	6.572	5.577	28398425	14749026	301.214	311.542
26)	L6 AR-1254-1	6.505	5.535	19758495	17781691	178.462	226.837 #
27)	L6 AR-1254-2	6.732	5.684	24850595	5657403	152.875	81.765 #
28)	L6 AR-1254-3	7.103	6.089	11523244	6019519	69.868	56.397
29)	L6 AR-1254-4	7.396	6.320	8734616	4550703	79.852	77.269
30)	L6 AR-1254-5	7.824	6.740	2113290	1451918	15.020	15.952
31)	L7 AR-1260-1	7.274	6.235	2956917	2299041	22.442	30.435 #
32)	L7 AR-1260-2	7.535	6.409	2641339	737855	17.812	8.422 #
33)	L7 AR-1260-3	0.000	6.562	0	1192040	N.D.	13.751 #
34)	L7 AR-1260-4	8.119	7.077	1147625	408713	9.258	6.103 #
35)	L7 AR-1260-5	0.000	7.261	0	230928	N.D.	1.623 #
36)	L8 AR-1262-1	7.824	6.740	2113290	1451918	19.558	31.285 #
37)	L8 AR-1262-2	0.000	7.261	0	230928	N.D.	1.565 #
38)	L8 AR-1262-3	0.000	7.525f	0	131612	N.D.	2.106 #
39)	L8 AR-1262-4	8.868	7.696f	2126586	818528	20.903	7.471 #
41)	L9 AR-1268-1	0.000	7.525f	0	131612	N.D.	0.723 #
42)	L9 AR-1268-2	8.868	7.696f	2126586	818528	7.045	4.946 #

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QLast Update : Tue Jan 24 04:40:59 2023
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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

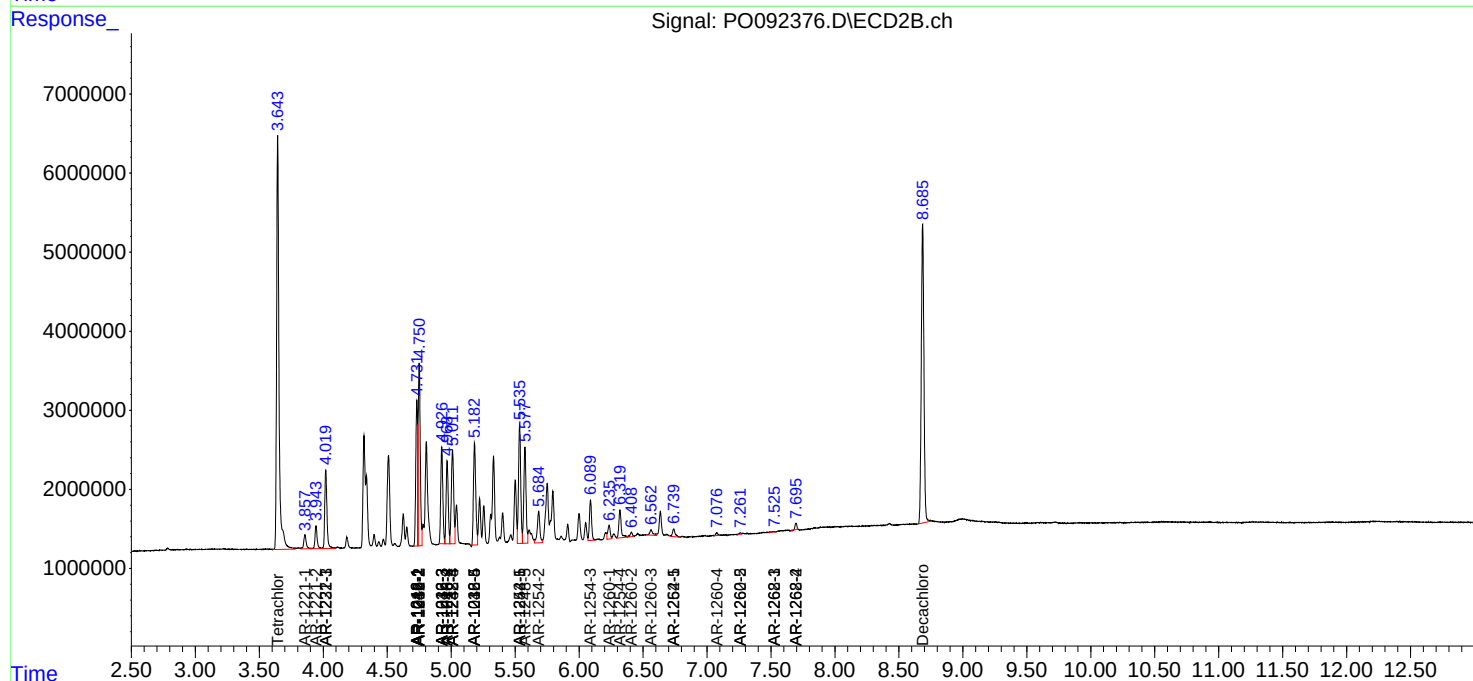
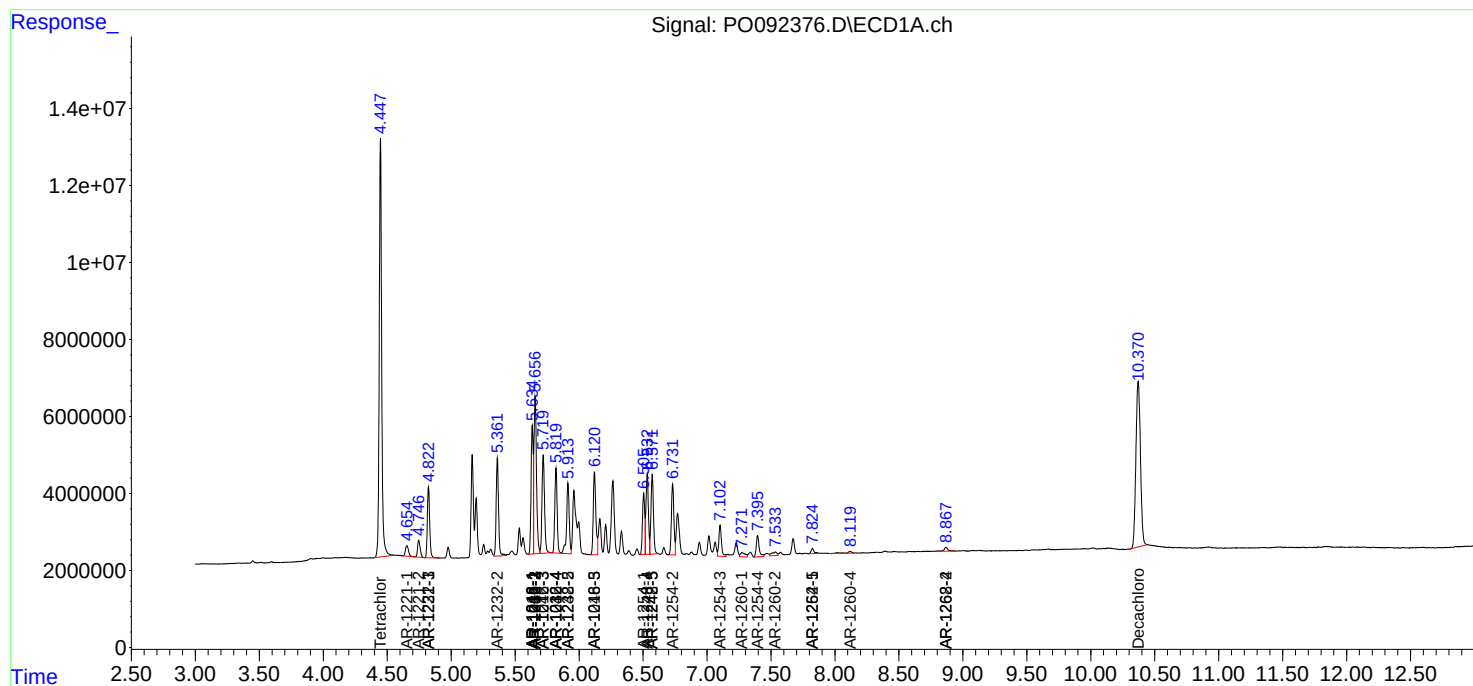
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

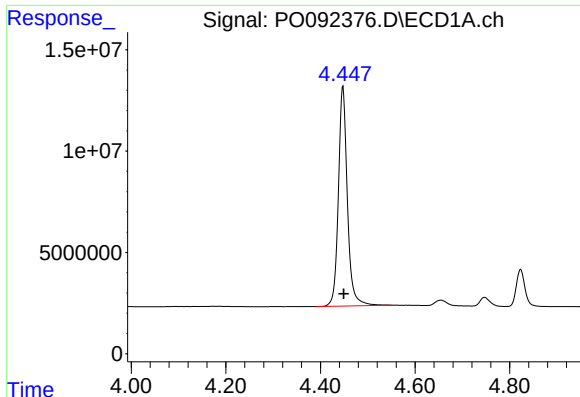
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0020623\
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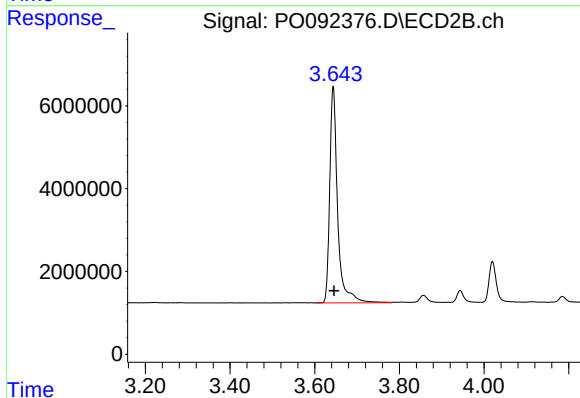




#1 Tetrachloro-m-xylene

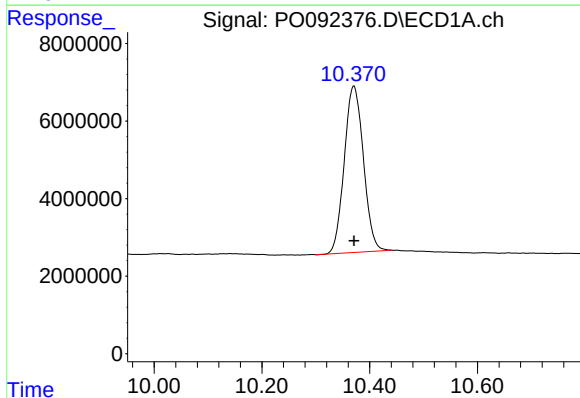
R.T.: 4.447 min
Delta R.T.: -0.002 min
Response: 143399277
Conc: 49.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



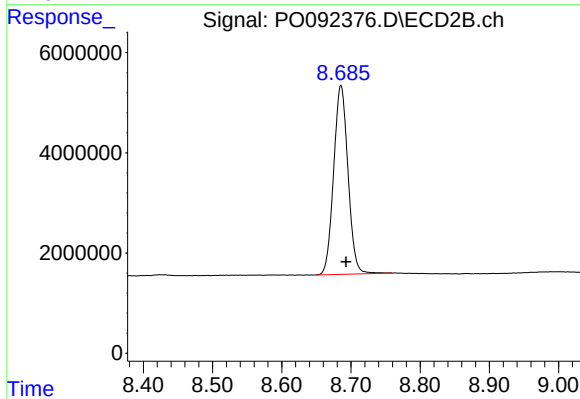
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.002 min
Response: 67941313
Conc: 48.39 ng/ml



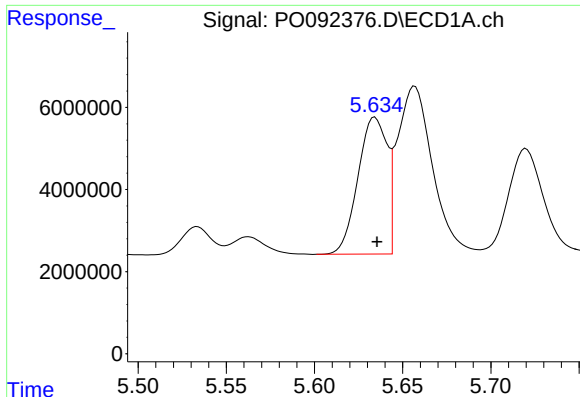
#2 Decachlorobiphenyl

R.T.: 10.371 min
Delta R.T.: 0.000 min
Response: 106000412
Conc: 51.36 ng/ml



#2 Decachlorobiphenyl

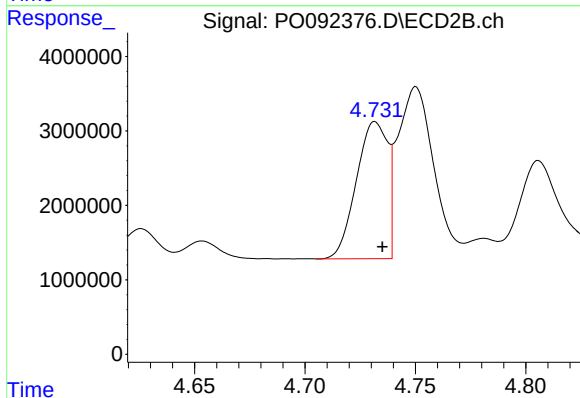
R.T.: 8.686 min
Delta R.T.: -0.007 min
Response: 54316286
Conc: 48.11 ng/ml



#3 AR-1016-1

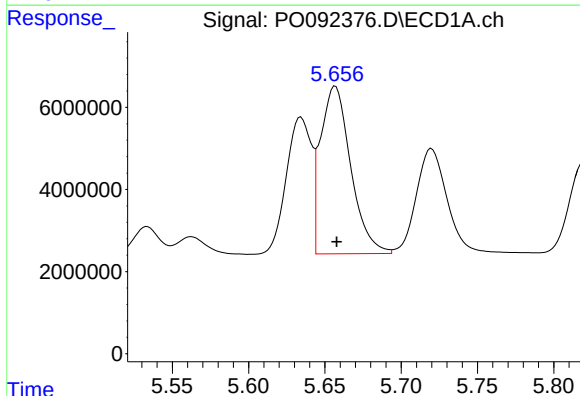
R.T.: 5.634 min
Delta R.T.: -0.001 min
Response: 38152703
Conc: 417.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



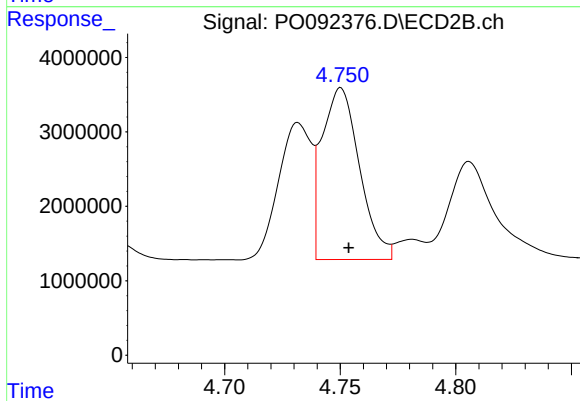
#3 AR-1016-1

R.T.: 4.732 min
Delta R.T.: -0.003 min
Response: 18163748
Conc: 395.20 ng/ml



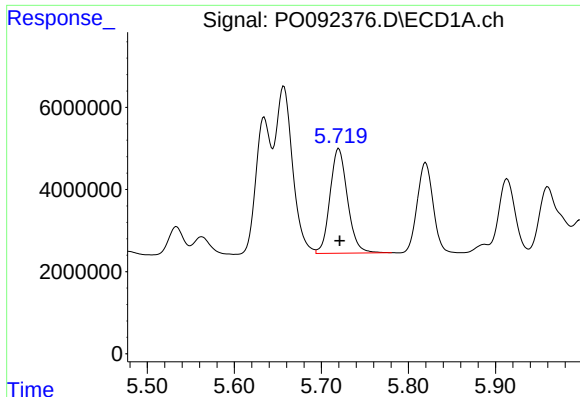
#4 AR-1016-2

R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 56385948
Conc: 421.07 ng/ml



#4 AR-1016-2

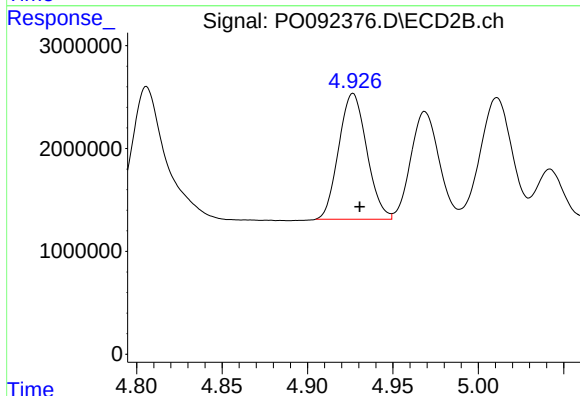
R.T.: 4.750 min
Delta R.T.: -0.003 min
Response: 26130775
Conc: 398.47 ng/ml



#5 AR-1016-3

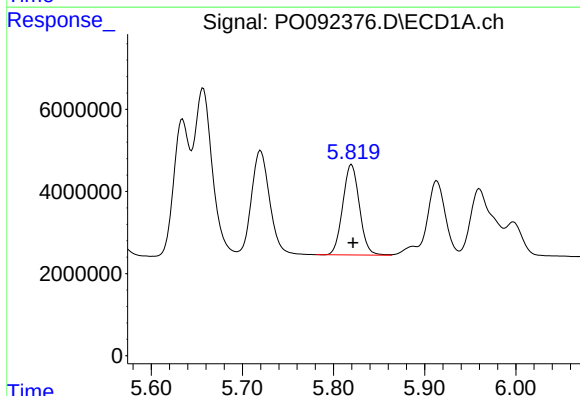
R.T.: 5.720 min
Delta R.T.: -0.001 min
Response: 35655336
Conc: 414.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



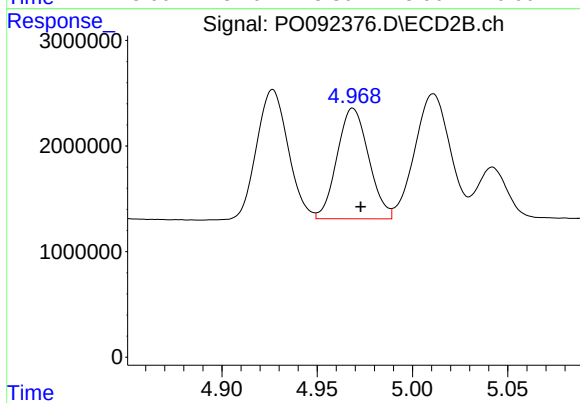
#5 AR-1016-3

R.T.: 4.927 min
Delta R.T.: -0.004 min
Response: 13984994
Conc: 395.56 ng/ml



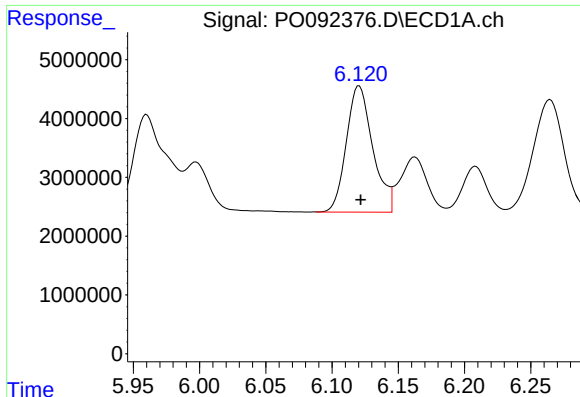
#6 AR-1016-4

R.T.: 5.820 min
Delta R.T.: -0.002 min
Response: 27971041
Conc: 419.57 ng/ml



#6 AR-1016-4

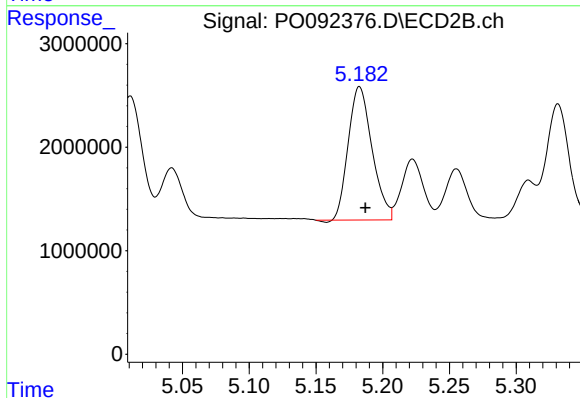
R.T.: 4.969 min
Delta R.T.: -0.004 min
Response: 12093446
Conc: 388.77 ng/ml



#7 AR-1016-5

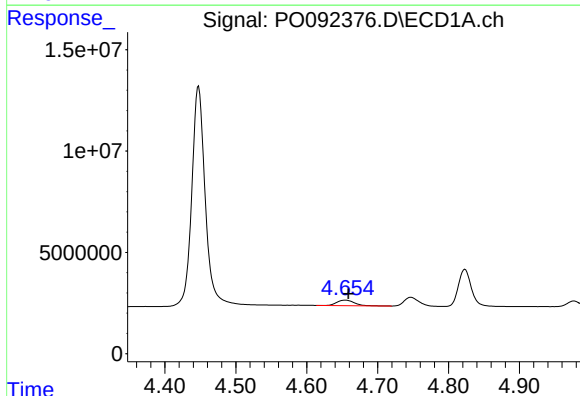
R.T.: 6.121 min
Delta R.T.: -0.001 min
Response: 29826988
Conc: 415.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



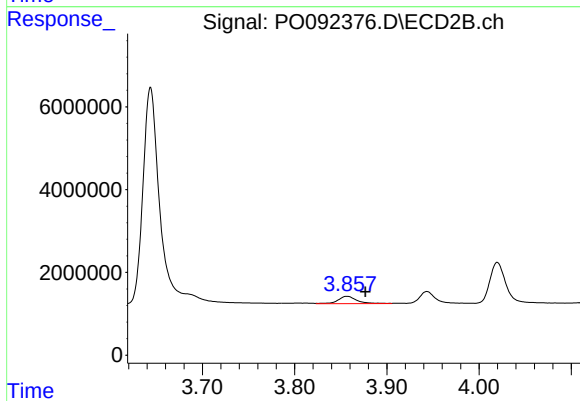
#7 AR-1016-5

R.T.: 5.183 min
Delta R.T.: -0.004 min
Response: 15971194
Conc: 401.63 ng/ml



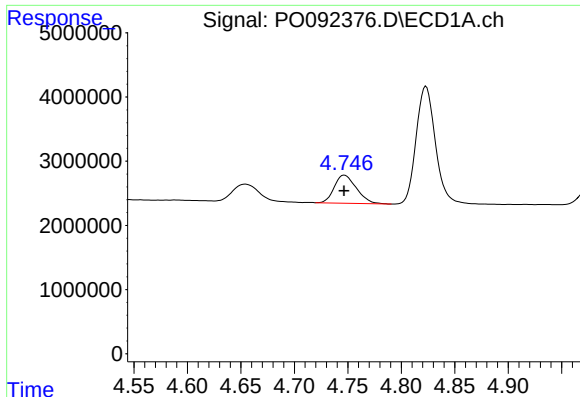
#8 AR-1221-1

R.T.: 4.654 min
Delta R.T.: -0.004 min
Response: 4603677
Conc: 121.77 ng/ml



#8 AR-1221-1

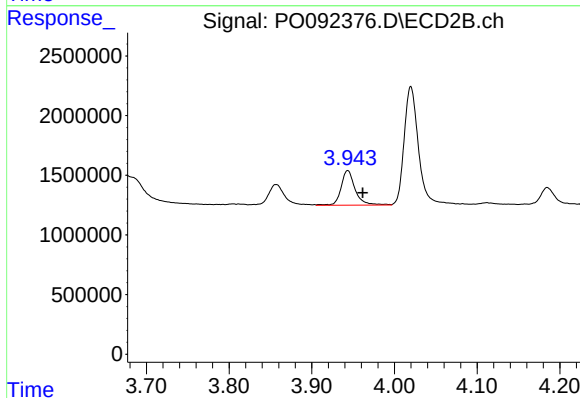
R.T.: 3.857 min
Delta R.T.: -0.020 min
Response: 2458064
Conc: 129.85 ng/ml



#9 AR-1221-2

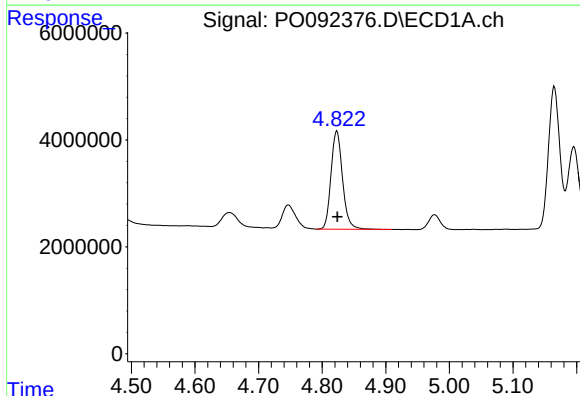
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 6306770
Conc: 227.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



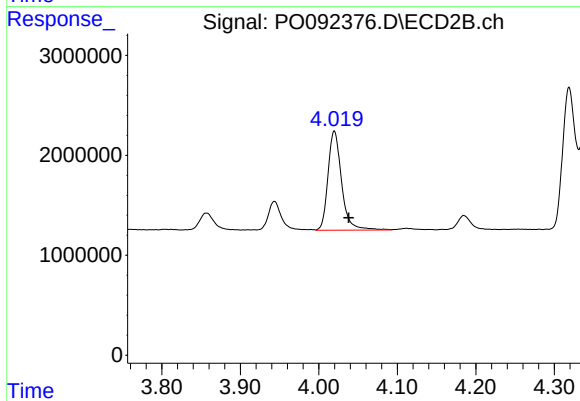
#9 AR-1221-2

R.T.: 3.944 min
Delta R.T.: -0.018 min
Response: 3457977
Conc: 246.05 ng/ml



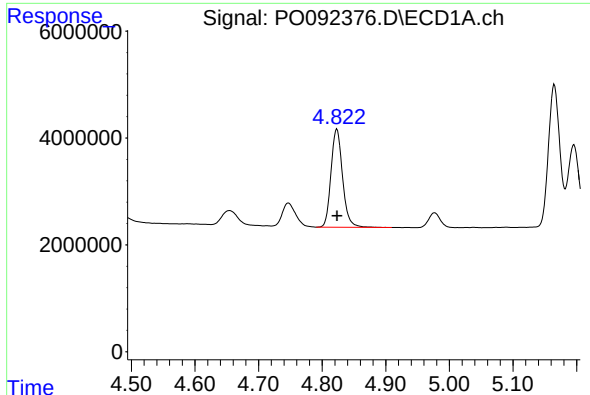
#10 AR-1221-3

R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 23196105
Conc: 274.89 ng/ml



#10 AR-1221-3

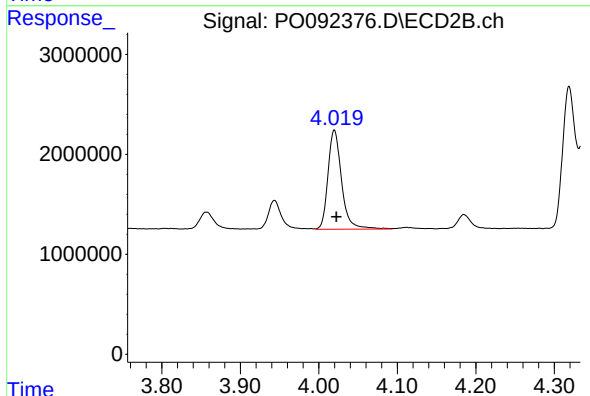
R.T.: 4.020 min
Delta R.T.: -0.018 min
Response: 11959611
Conc: 285.60 ng/ml



#11 AR-1232-1

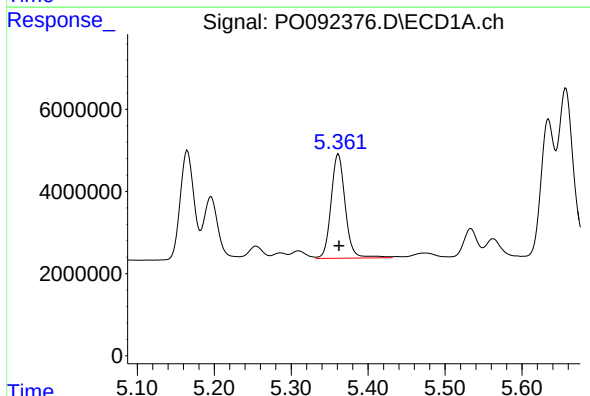
R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 23196105
Conc: 335.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



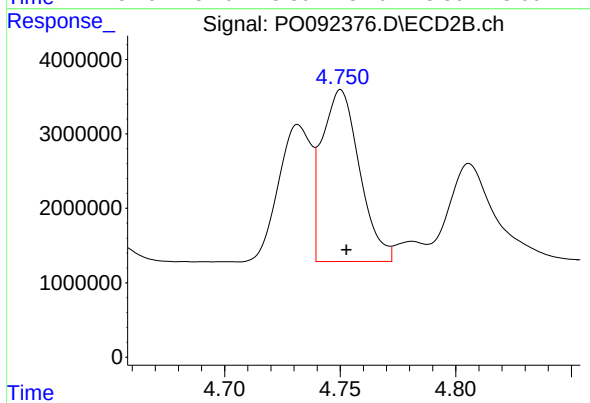
#11 AR-1232-1

R.T.: 4.020 min
Delta R.T.: -0.003 min
Response: 11959611
Conc: 340.01 ng/ml



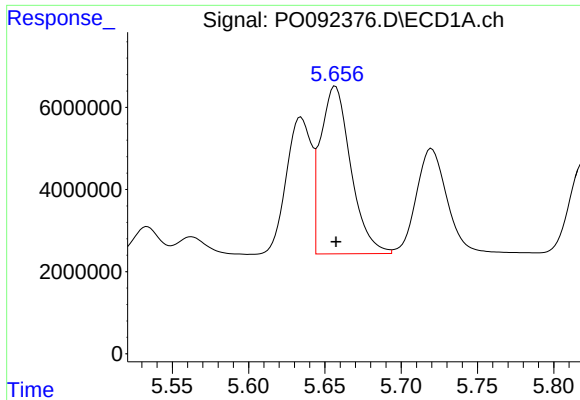
#12 AR-1232-2

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 32442316
Conc: 928.55 ng/ml



#12 AR-1232-2

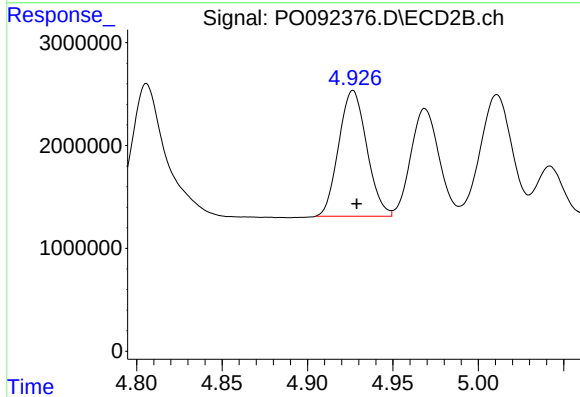
R.T.: 4.750 min
Delta R.T.: -0.002 min
Response: 26130775
Conc: 852.41 ng/ml



#13 AR-1232-3

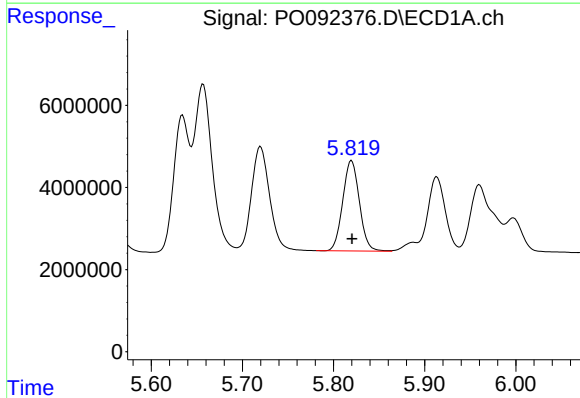
R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 56385948
Conc: 921.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



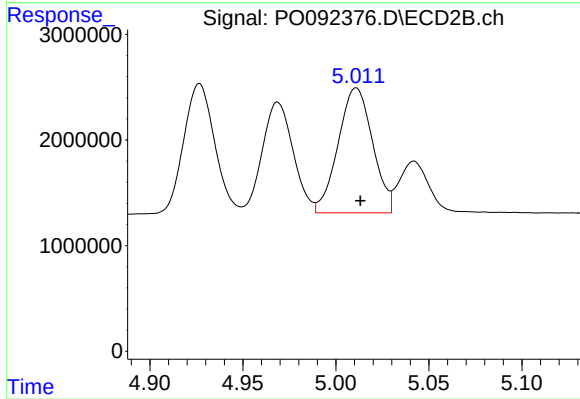
#13 AR-1232-3

R.T.: 4.927 min
Delta R.T.: -0.002 min
Response: 13984994
Conc: 868.65 ng/ml



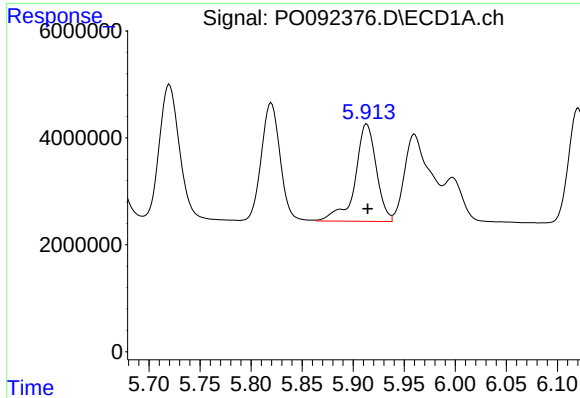
#14 AR-1232-4

R.T.: 5.820 min
Delta R.T.: 0.000 min
Response: 27971041
Conc: 933.28 ng/ml



#14 AR-1232-4

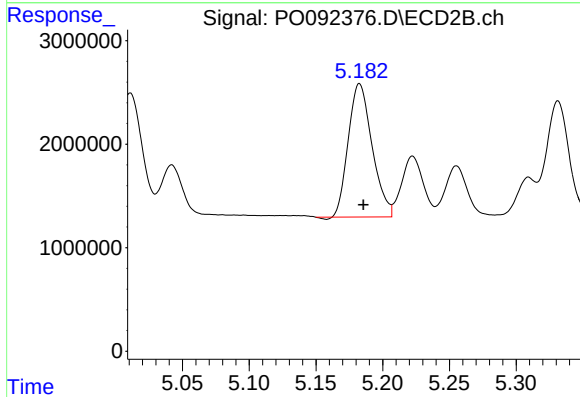
R.T.: 5.011 min
Delta R.T.: -0.002 min
Response: 15271581
Conc: 934.99 ng/ml



#15 AR-1232-5

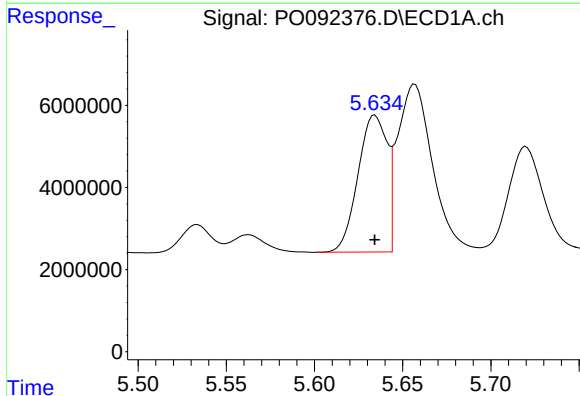
R.T.: 5.913 min
Delta R.T.: -0.001 min
Response: 26305911
Conc: 1064.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



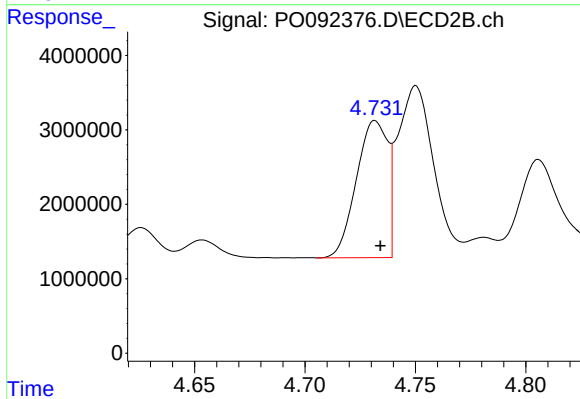
#15 AR-1232-5

R.T.: 5.183 min
Delta R.T.: -0.003 min
Response: 15971194
Conc: 892.91 ng/ml



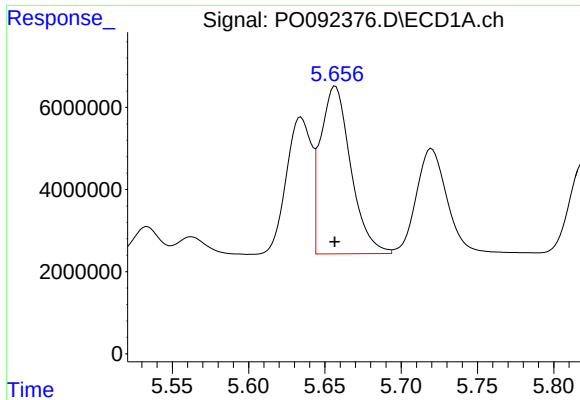
#16 AR-1242-1

R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 38152703
Conc: 489.21 ng/ml



#16 AR-1242-1

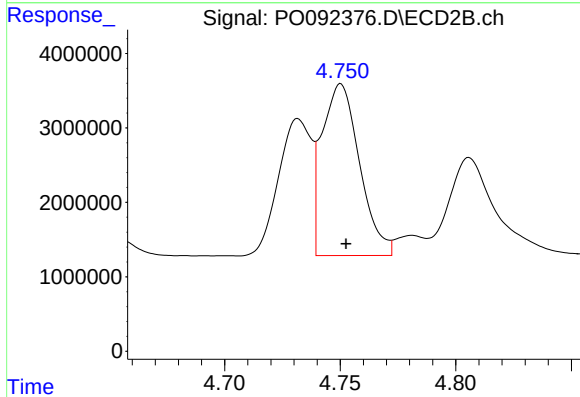
R.T.: 4.732 min
Delta R.T.: -0.002 min
Response: 18163748
Conc: 465.70 ng/ml



#17 AR-1242-2

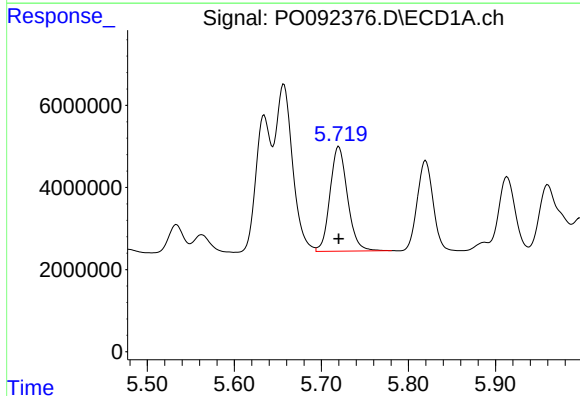
R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 56385948
Conc: 500.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



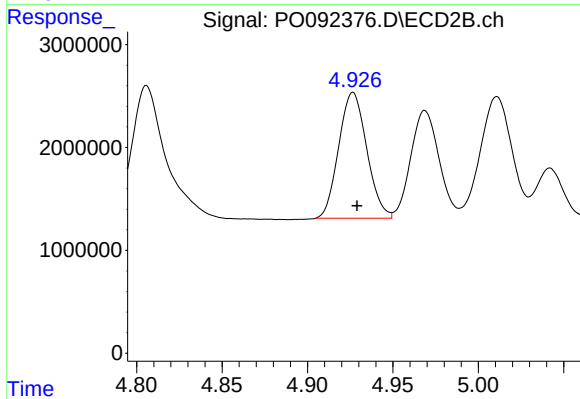
#17 AR-1242-2

R.T.: 4.750 min
Delta R.T.: -0.002 min
Response: 26130775
Conc: 481.13 ng/ml



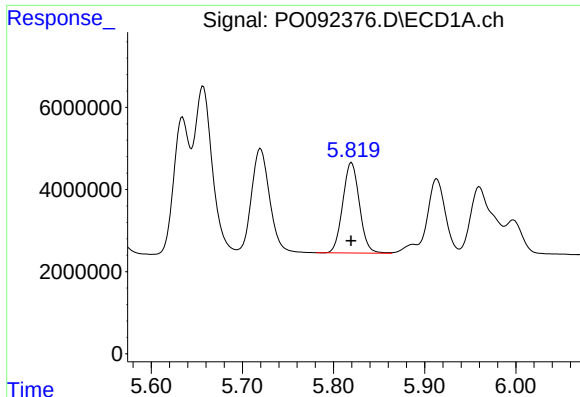
#18 AR-1242-3

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 35655336
Conc: 491.17 ng/ml



#18 AR-1242-3

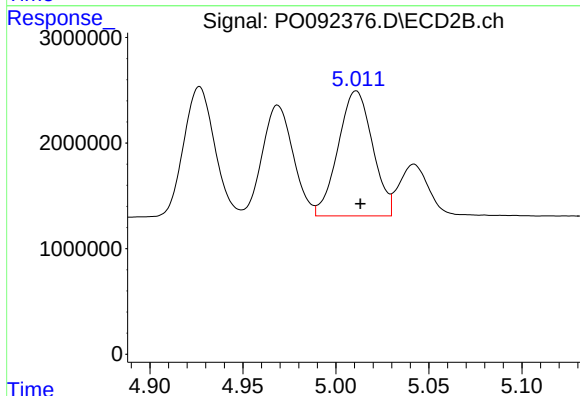
R.T.: 4.927 min
Delta R.T.: -0.002 min
Response: 13984994
Conc: 480.19 ng/ml



#19 AR-1242-4

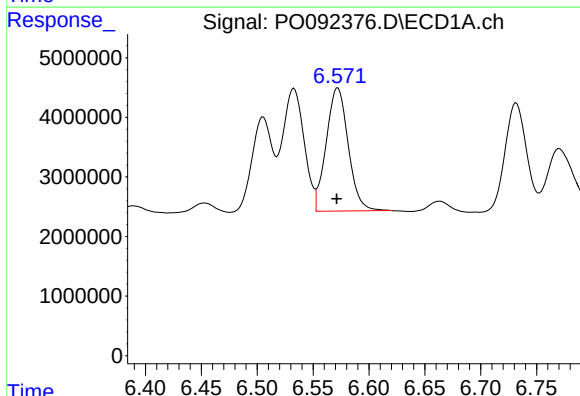
R.T.: 5.820 min
Delta R.T.: 0.000 min
Response: 27971041
Conc: 505.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



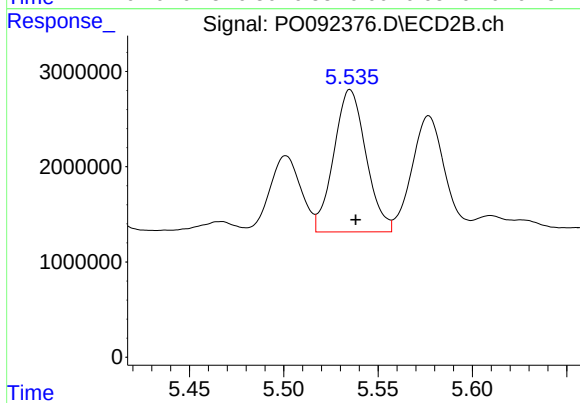
#19 AR-1242-4

R.T.: 5.011 min
Delta R.T.: -0.002 min
Response: 15271581
Conc: 474.77 ng/ml



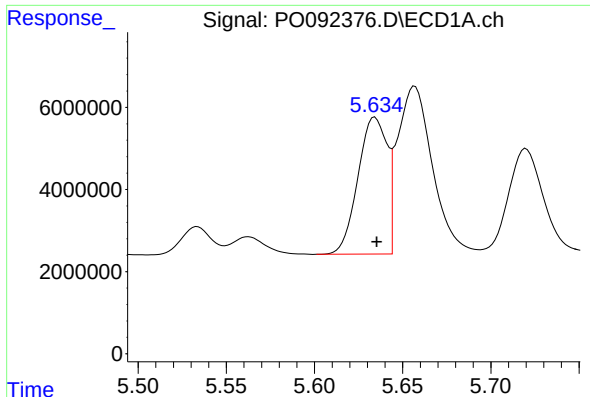
#20 AR-1242-5

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 28398425
Conc: 508.73 ng/ml



#20 AR-1242-5

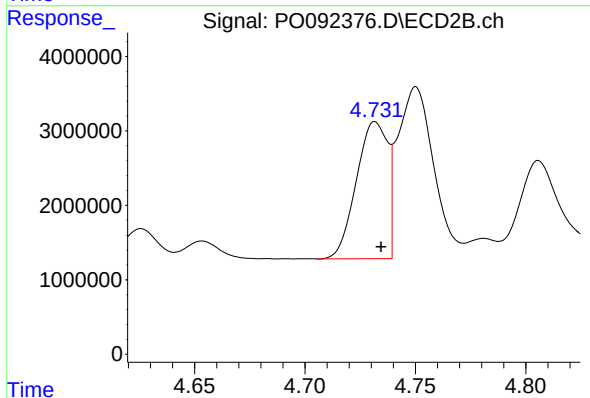
R.T.: 5.535 min
Delta R.T.: -0.003 min
Response: 17781691
Conc: 491.18 ng/ml



#21 AR-1248-1

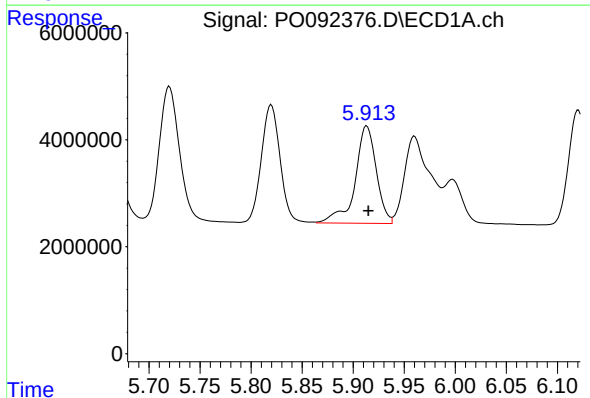
R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 38152703
Conc: 657.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



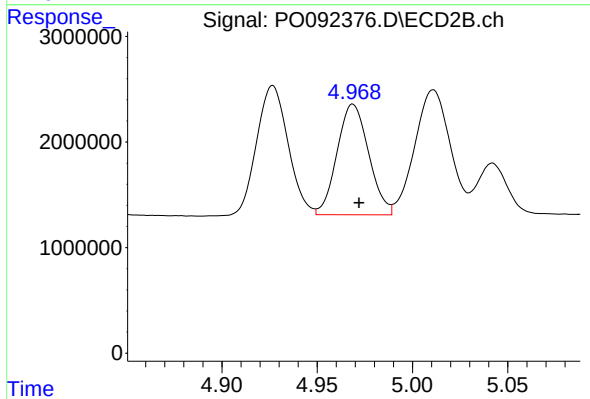
#21 AR-1248-1

R.T.: 4.732 min
Delta R.T.: -0.003 min
Response: 18163748
Conc: 623.49 ng/ml



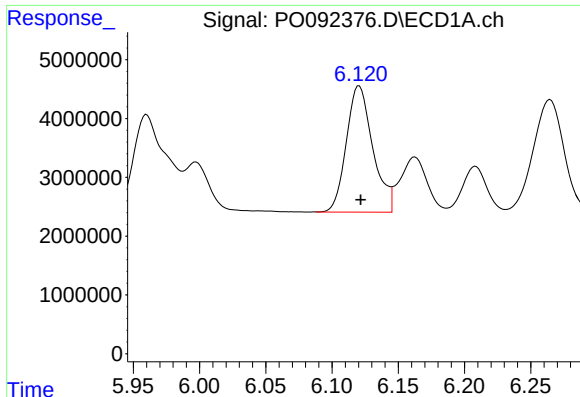
#22 AR-1248-2

R.T.: 5.913 min
Delta R.T.: -0.001 min
Response: 26305911
Conc: 287.86 ng/ml



#22 AR-1248-2

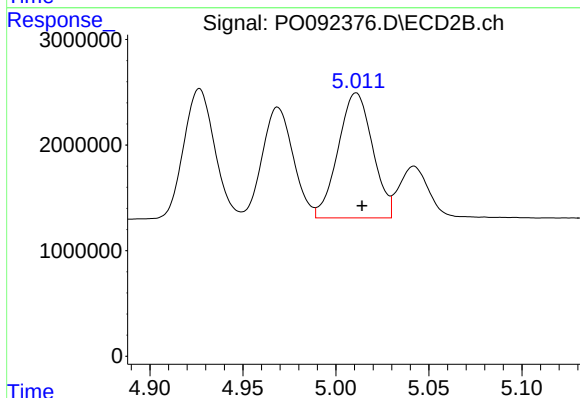
R.T.: 4.969 min
Delta R.T.: -0.003 min
Response: 12093446
Conc: 268.04 ng/ml



#23 AR-1248-3

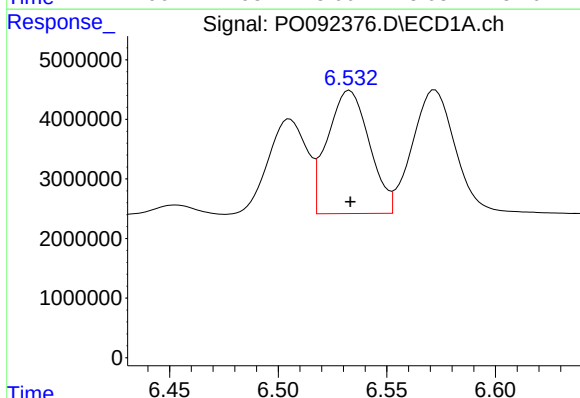
R.T.: 6.121 min
Delta R.T.: -0.001 min
Response: 29826988
Conc: 304.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



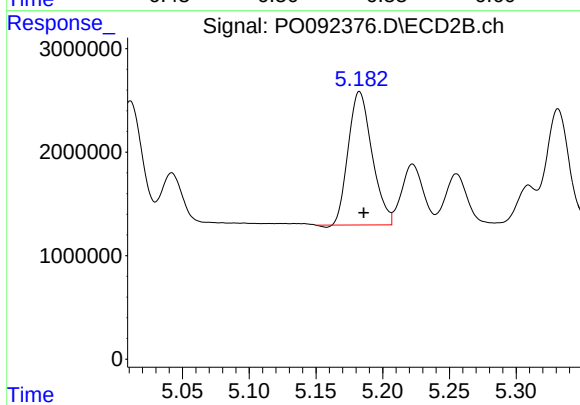
#23 AR-1248-3

R.T.: 5.011 min
Delta R.T.: -0.003 min
Response: 15271581
Conc: 327.44 ng/ml



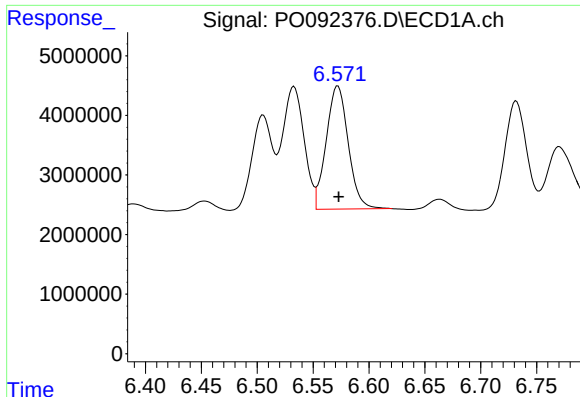
#24 AR-1248-4

R.T.: 6.533 min
Delta R.T.: 0.000 min
Response: 27767973
Conc: 283.61 ng/ml



#24 AR-1248-4

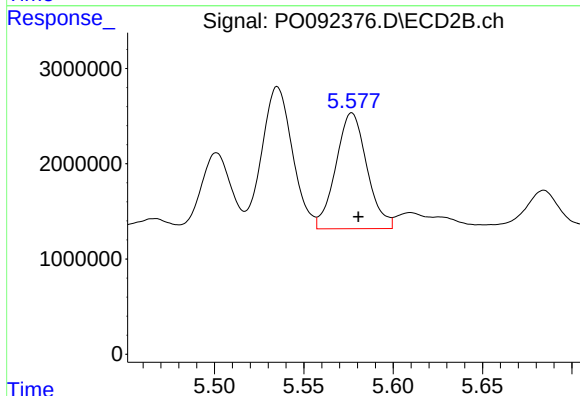
R.T.: 5.183 min
Delta R.T.: -0.003 min
Response: 15971194
Conc: 297.25 ng/ml



#25 AR-1248-5

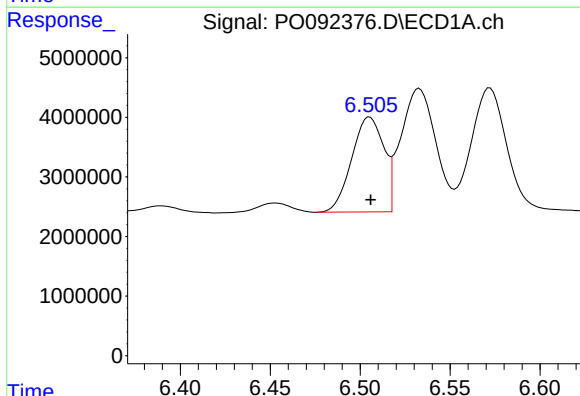
R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 28398425
Conc: 301.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



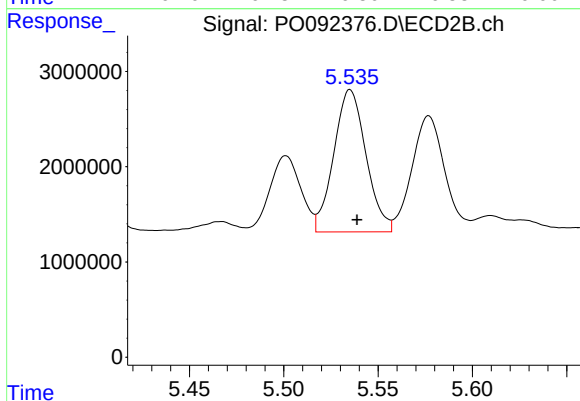
#25 AR-1248-5

R.T.: 5.577 min
Delta R.T.: -0.004 min
Response: 14749026
Conc: 311.54 ng/ml



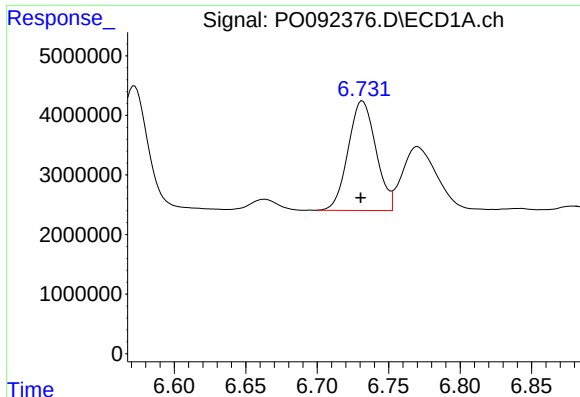
#26 AR-1254-1

R.T.: 6.505 min
Delta R.T.: 0.000 min
Response: 19758495
Conc: 178.46 ng/ml



#26 AR-1254-1

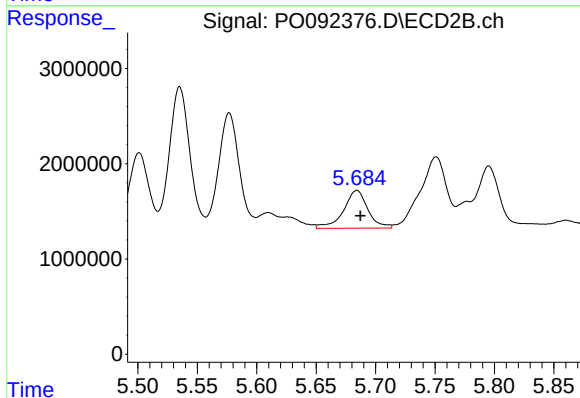
R.T.: 5.535 min
Delta R.T.: -0.004 min
Response: 17781691
Conc: 226.84 ng/ml



#27 AR-1254-2

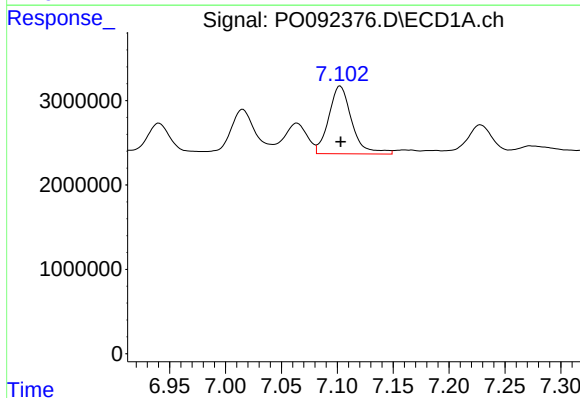
R.T.: 6.732 min
Delta R.T.: 0.001 min
Response: 24850595
Conc: 152.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



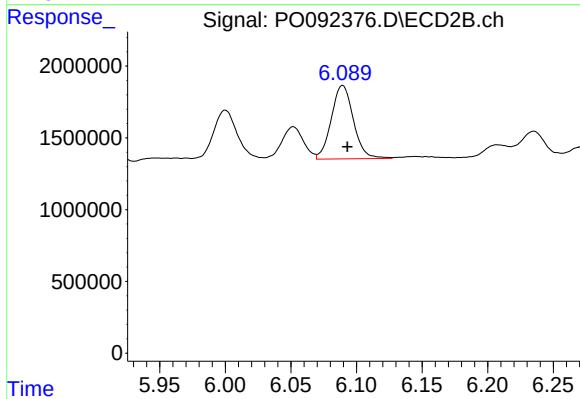
#27 AR-1254-2

R.T.: 5.684 min
Delta R.T.: -0.003 min
Response: 5657403
Conc: 81.77 ng/ml



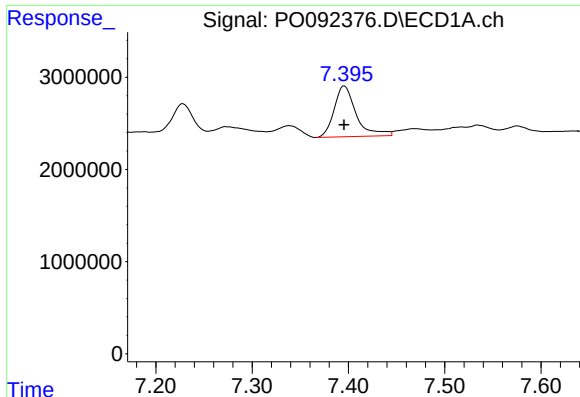
#28 AR-1254-3

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 11523244
Conc: 69.87 ng/ml



#28 AR-1254-3

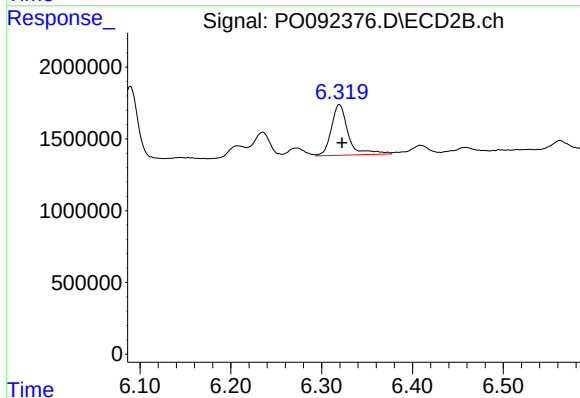
R.T.: 6.089 min
Delta R.T.: -0.004 min
Response: 6019519
Conc: 56.40 ng/ml



#29 AR-1254-4

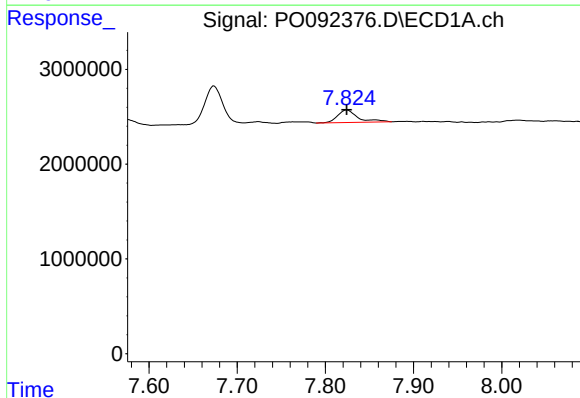
R.T.: 7.396 min
Delta R.T.: 0.000 min
Response: 8734616
Conc: 79.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



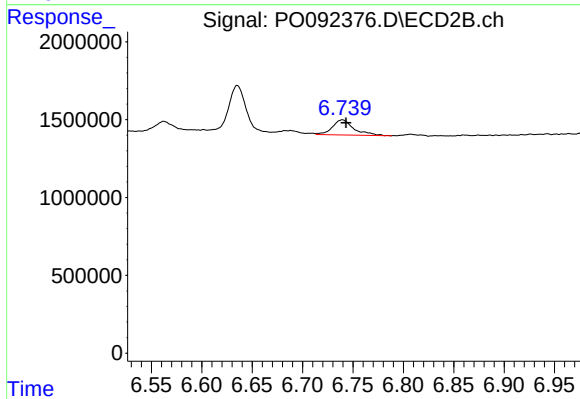
#29 AR-1254-4

R.T.: 6.320 min
Delta R.T.: -0.003 min
Response: 4550703
Conc: 77.27 ng/ml



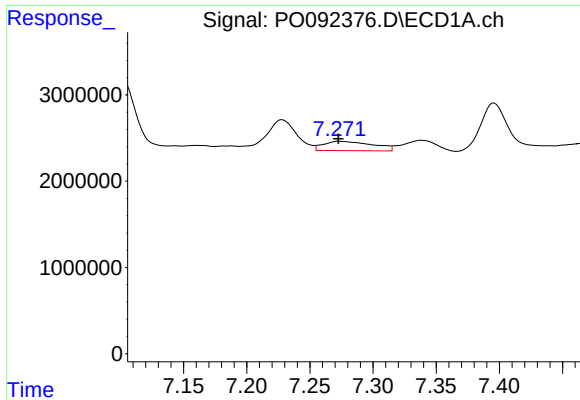
#30 AR-1254-5

R.T.: 7.824 min
Delta R.T.: 0.000 min
Response: 2113290
Conc: 15.02 ng/ml



#30 AR-1254-5

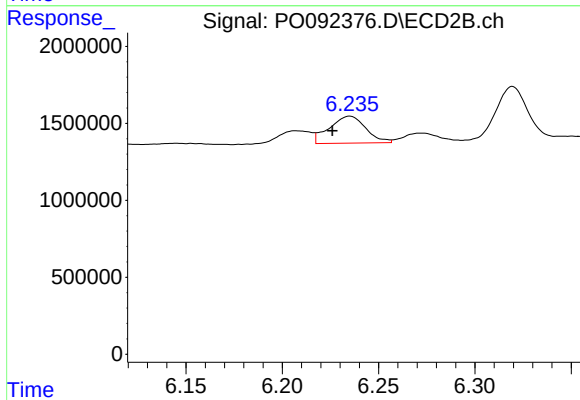
R.T.: 6.740 min
Delta R.T.: -0.004 min
Response: 1451918
Conc: 15.95 ng/ml



#31 AR-1260-1

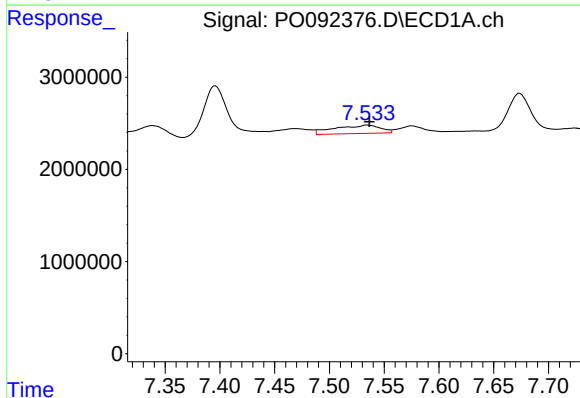
R.T.: 7.274 min
Delta R.T.: 0.000 min
Response: 2956917
Conc: 22.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



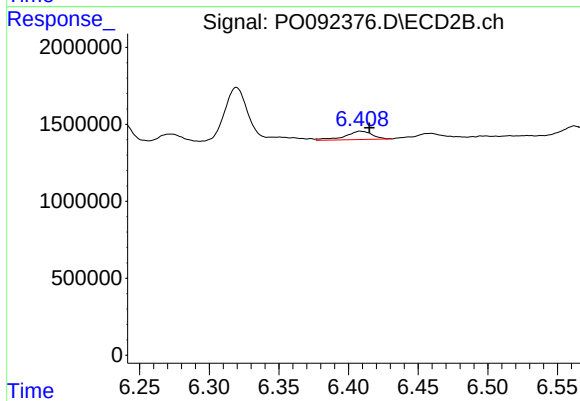
#31 AR-1260-1

R.T.: 6.235 min
Delta R.T.: 0.009 min
Response: 2299041
Conc: 30.43 ng/ml



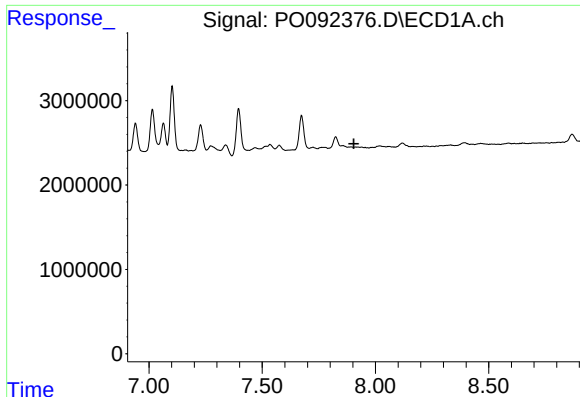
#32 AR-1260-2

R.T.: 7.535 min
Delta R.T.: -0.002 min
Response: 2641339
Conc: 17.81 ng/ml



#32 AR-1260-2

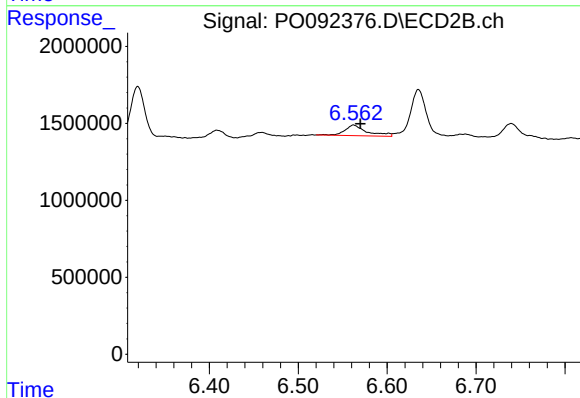
R.T.: 6.409 min
Delta R.T.: -0.006 min
Response: 737855
Conc: 8.42 ng/ml



#33 AR-1260-3

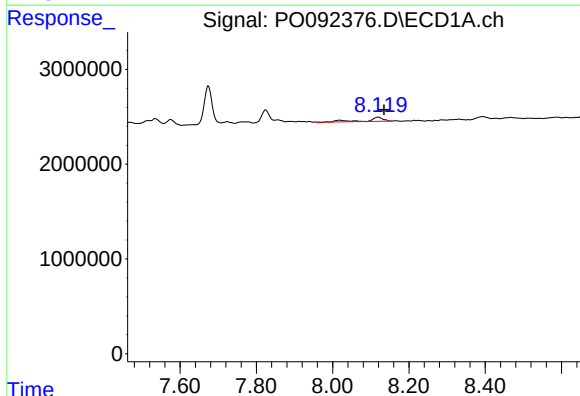
R.T.: 0.000 min
Exp R.T.: 7.905 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



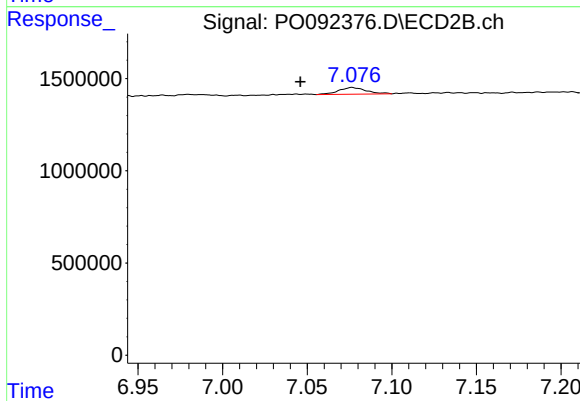
#33 AR-1260-3

R.T.: 6.562 min
Delta R.T.: -0.008 min
Response: 1192040
Conc: 13.75 ng/ml



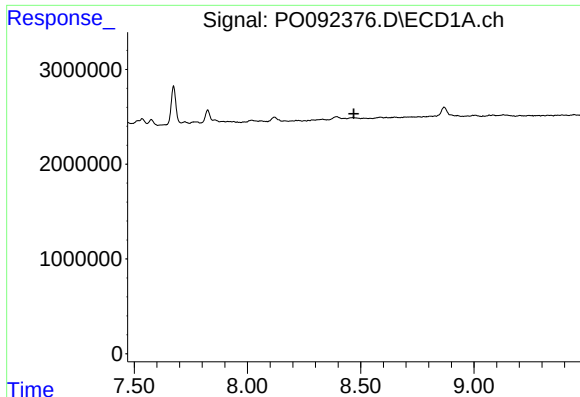
#34 AR-1260-4

R.T.: 8.119 min
Delta R.T.: -0.015 min
Response: 1147625
Conc: 9.26 ng/ml



#34 AR-1260-4

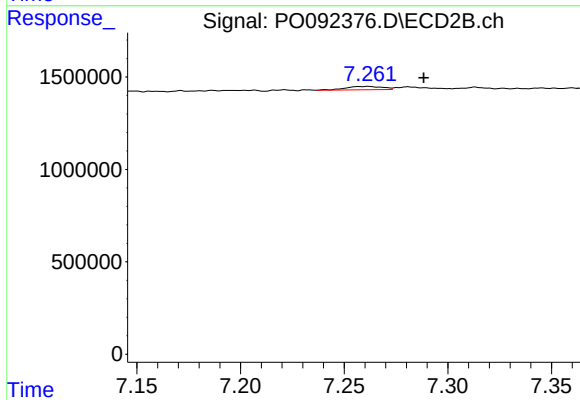
R.T.: 7.077 min
Delta R.T.: 0.031 min
Response: 408713
Conc: 6.10 ng/ml



#35 AR-1260-5

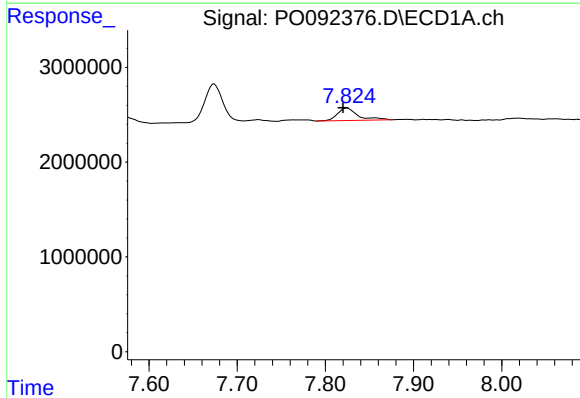
R.T.: 0.000 min
Exp R.T.: 8.469 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



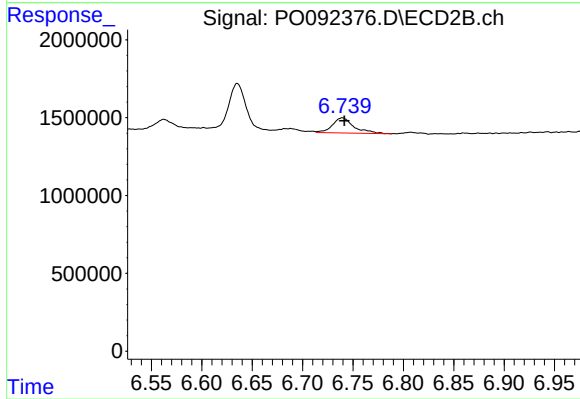
#35 AR-1260-5

R.T.: 7.261 min
Delta R.T.: -0.027 min
Response: 230928
Conc: 1.62 ng/ml



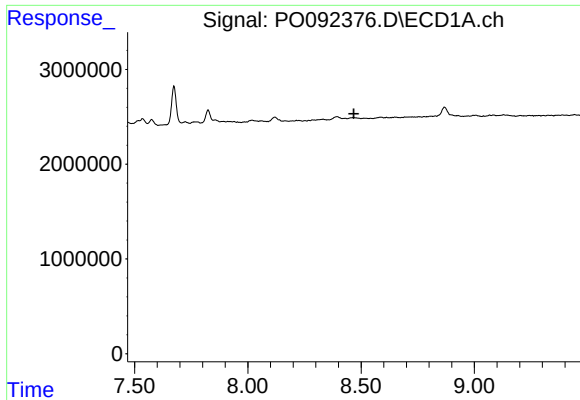
#36 AR-1262-1

R.T.: 7.824 min
Delta R.T.: 0.004 min
Response: 2113290
Conc: 19.56 ng/ml



#36 AR-1262-1

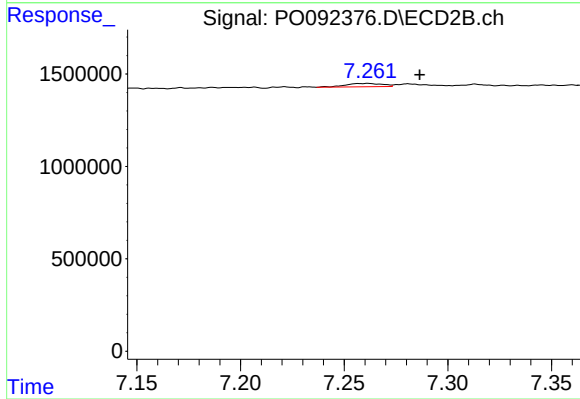
R.T.: 6.740 min
Delta R.T.: -0.002 min
Response: 1451918
Conc: 31.28 ng/ml



#37 AR-1262-2

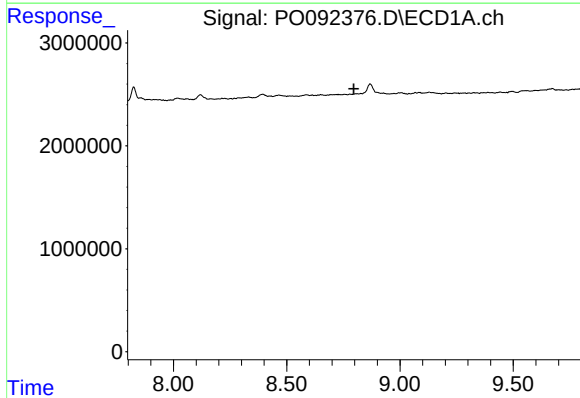
R.T.: 0.000 min
Exp R.T.: 8.468 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



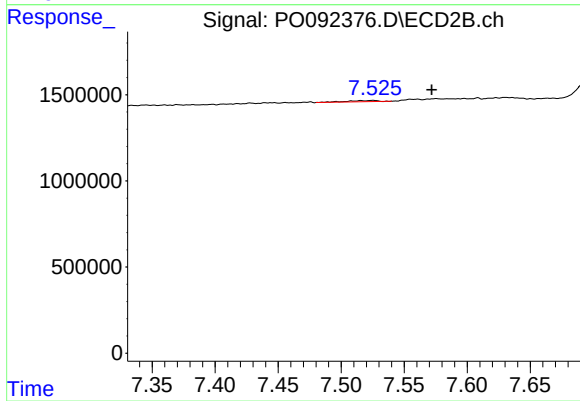
#37 AR-1262-2

R.T.: 7.261 min
Delta R.T.: -0.025 min
Response: 230928
Conc: 1.57 ng/ml



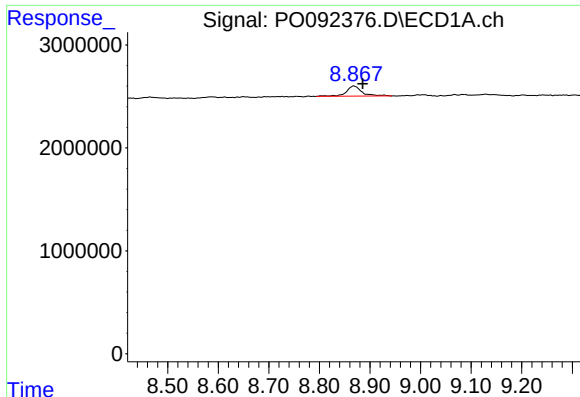
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.797 min
Response: 0
Conc: N.D.



#38 AR-1262-3

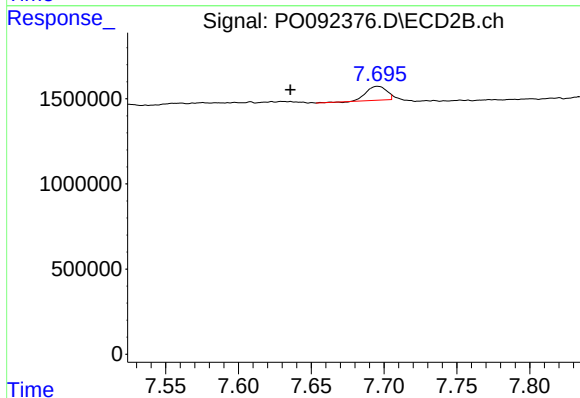
R.T.: 7.525 min
Delta R.T.: -0.047 min
Response: 131612
Conc: 2.11 ng/ml



#39 AR-1262-4

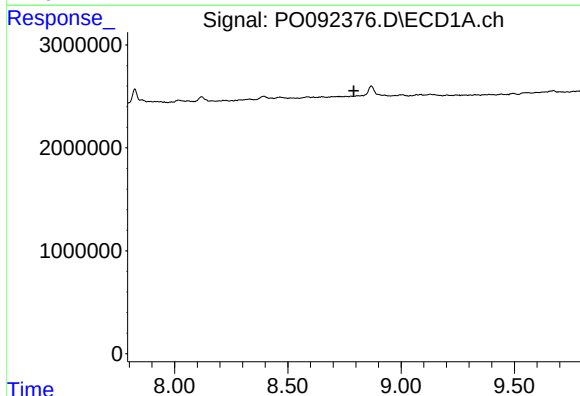
R.T.: 8.868 min
Delta R.T.: -0.018 min
Response: 2126586
Conc: 20.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



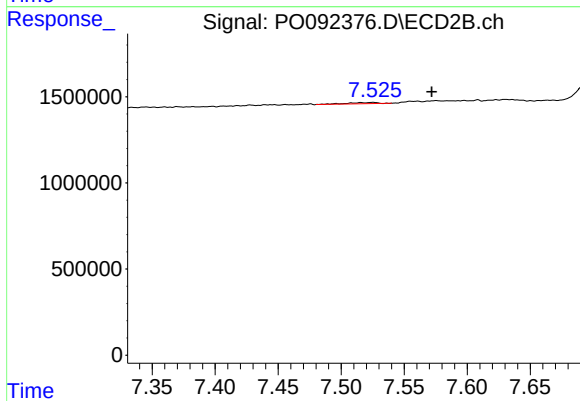
#39 AR-1262-4

R.T.: 7.696 min
Delta R.T.: 0.060 min
Response: 818528
Conc: 7.47 ng/ml



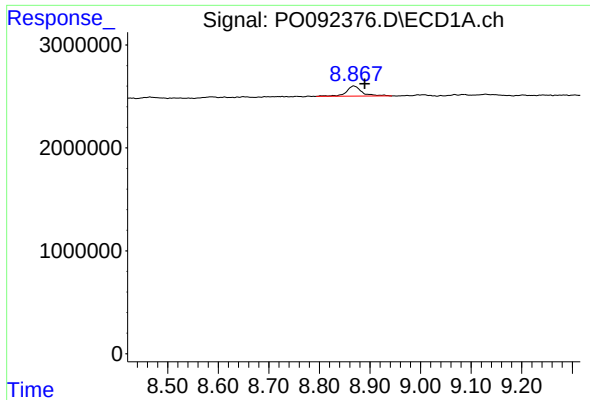
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.792 min
Response: 0
Conc: N.D.



#41 AR-1268-1

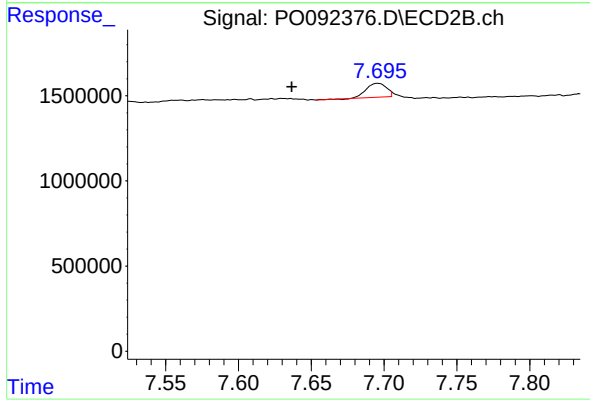
R.T.: 7.525 min
Delta R.T.: -0.047 min
Response: 131612
Conc: 0.72 ng/ml



#42 AR-1268-2

R.T.: 8.868 min
Delta R.T.: -0.021 min
Response: 2126586
Conc: 7.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



#42 AR-1268-2

R.T.: 7.696 min
Delta R.T.: 0.059 min
Response: 818528
Conc: 4.95 ng/ml