

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0040623\
 Data File : P0093872.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Apr 2023 18:39
 Operator : YP/AJ
 Sample : 02214-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 21:32:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0040323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 04 06:20:55 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...	4.422	3.626	62550763	19408092	16.733	15.241
2)	SA Decachlor...	10.246	8.647	52595423	22813889	23.512	22.819
Target Compounds							
3)	L1 AR-1016-1	5.595	4.725	2503770	1086283	24.483	30.614 #
4)	L1 AR-1016-2	5.640	4.725	4273765	1086283	27.421	20.112 #
5)	L1 AR-1016-3	5.676	4.905	3567955	910616	36.174	32.128
6)	L1 AR-1016-4	5.784	4.948	-306785	1627153	N.D.	61.621 #
7)	L1 AR-1016-5	6.079	5.170	4342853	6225879	51.296	190.269 #
8)	L2 AR-1221-1	4.603	3.834	9425246	1280981	204.365	81.806 #
9)	L2 AR-1221-2	4.725	3.928	3094987	5553051	90.163	470.501 #
10)	L2 AR-1221-3	4.795	4.059f	1100976	776288	10.512	21.073 #
11)	L3 AR-1232-1	4.795	4.059f	1100976	776288	12.615	24.849 #
12)	L3 AR-1232-2	5.346	4.725	690922	1086283	16.156	41.033 #
13)	L3 AR-1232-3	5.640	4.905	4273765	910616	58.181	69.043
14)	L3 AR-1232-4	5.784	4.988	-306785	1122397	N.D.	78.981 #
15)	L3 AR-1232-5	5.874	5.170	3357026	6225879	105.692	403.008 #
16)	L4 AR-1242-1	5.595	4.725	2503770	1086283	28.685	35.300
17)	L4 AR-1242-2	5.640	4.725	4273765	1086283	32.142	23.618 #
18)	L4 AR-1242-3	5.676	4.905	3567955	910616	42.032	37.576
19)	L4 AR-1242-4	5.784	4.988	-306785	1122397	N.D.	39.980 #
20)	L4 AR-1242-5	6.529	5.512	6340476	4177152	94.170	146.511 #
21)	L5 AR-1248-1	5.595	4.725	2503770	1086283	37.213	45.543
22)	L5 AR-1248-2	5.874	4.948	3357026	1627153	30.690	40.849 #
23)	L5 AR-1248-3	6.079	4.988	4342853	1122397	35.974	26.891 #
24)	L5 AR-1248-4	6.484	5.170	6095502	6225879	56.757	132.398 #
25)	L5 AR-1248-5	6.529	5.555	6340476	984482	54.648	26.370 #
26)	L6 AR-1254-1	6.460	5.512	11012586	4177152	81.198	61.111
27)	L6 AR-1254-2	6.646f	5.660	466.4E6	2607154	2385.875	42.807 #
28)	L6 AR-1254-3	7.049	6.064	5965213	2961124	32.289	32.508
29)	L6 AR-1254-4	7.336	6.299	1488389	10746170	14.677	252.286 #
30)	L6 AR-1254-5	7.762	6.727	8067509	3242018	59.493	44.932
31)	L7 AR-1260-1	7.178f	6.195	26514689	1152928	181.648	17.680 #
32)	L7 AR-1260-2	7.496	6.383	8792908	1203842	54.937	16.576 #
33)	L7 AR-1260-3	7.836	6.535	2514016	2580326	18.934	35.555 #
34)	L7 AR-1260-4	8.057	6.950f	1617288	1391664	11.741	25.060 #
35)	L7 AR-1260-5	8.390	7.251	1233339	842829	5.663	8.122 #
36)	L8 AR-1262-1	7.836	6.810	2514016	25678606	14.717	733.925 #
37)	L8 AR-1262-2	8.390	6.950f	1233339	1391664	5.306	19.697 #
38)	L8 AR-1262-3	8.766f	7.557	5590533	1943298	34.129	38.840
39)	L8 AR-1262-4	8.810	7.594	1734042	558386	17.307	6.733 #
40)	L8 AR-1262-5	9.464	8.039f	13441908	216018	167.009	6.640 #
41)	L9 AR-1268-1	8.766f	7.557	5590533	1943298	16.611	12.721

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 Operator : YP/AJ
 Sample : 02214-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

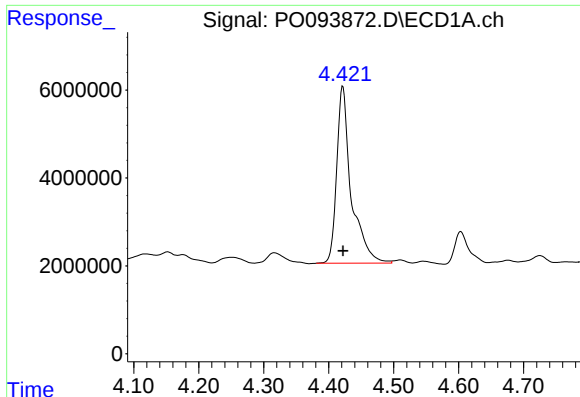
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 21:32:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0040323.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.810	7.594	1734042	558386	5.388	4.110
43) L9	AR-1268-3	9.033	7.806	372163	319876	1.312	2.444 #
44) L9	AR-1268-4	9.464	8.039f	13441908	216018	139.024	5.457 #
45) L9	AR-1268-5	9.888	0.000	2780030	0	3.310	N.D. #

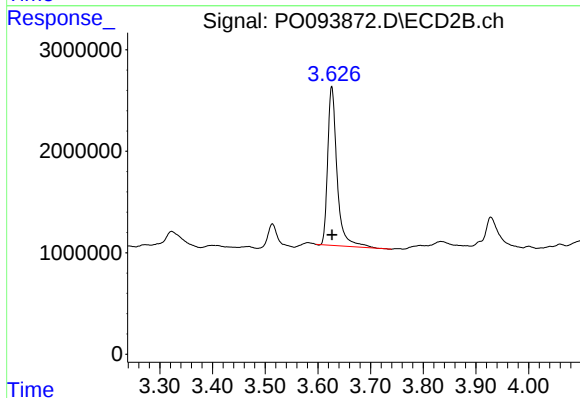
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

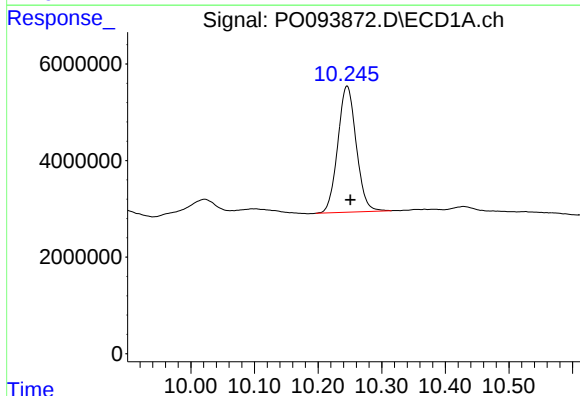
R.T.: 4.422 min
Delta R.T.: 0.000 min
Response: 62550763
Conc: 16.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



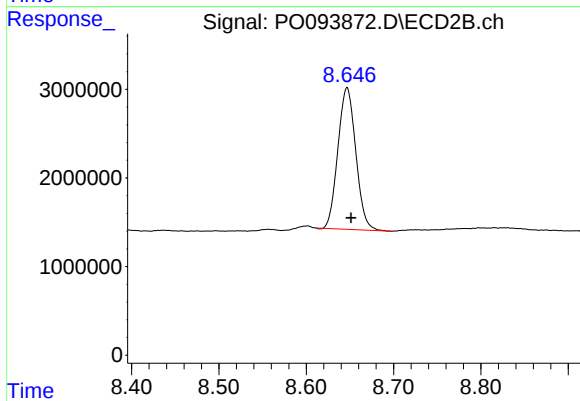
#1 Tetrachloro-m-xylene

R.T.: 3.626 min
Delta R.T.: 0.000 min
Response: 19408092
Conc: 15.24 ng/ml



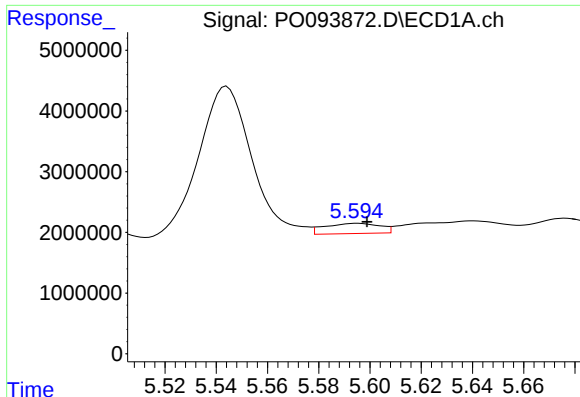
#2 Decachlorobiphenyl

R.T.: 10.246 min
Delta R.T.: -0.005 min
Response: 52595423
Conc: 23.51 ng/ml



#2 Decachlorobiphenyl

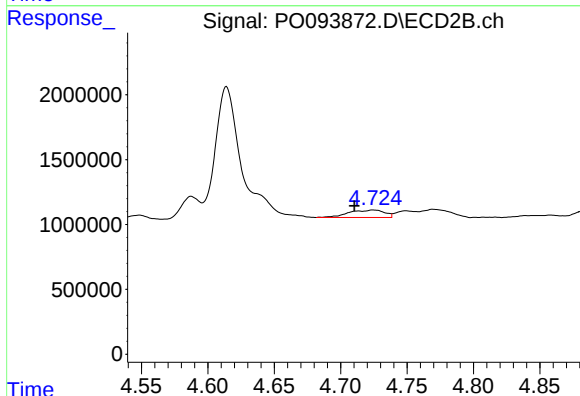
R.T.: 8.647 min
Delta R.T.: -0.005 min
Response: 22813889
Conc: 22.82 ng/ml



#3 AR-1016-1

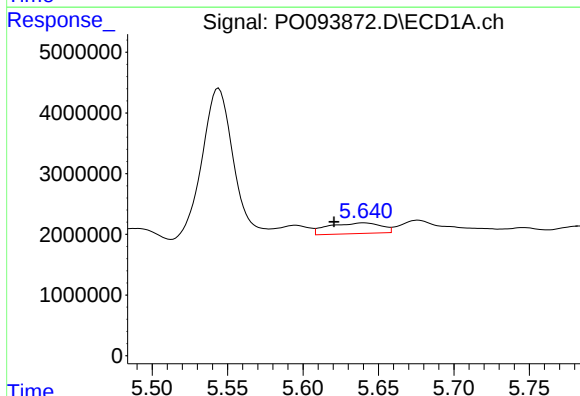
R.T.: 5.595 min
Delta R.T.: -0.004 min
Response: 2503770
Conc: 24.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



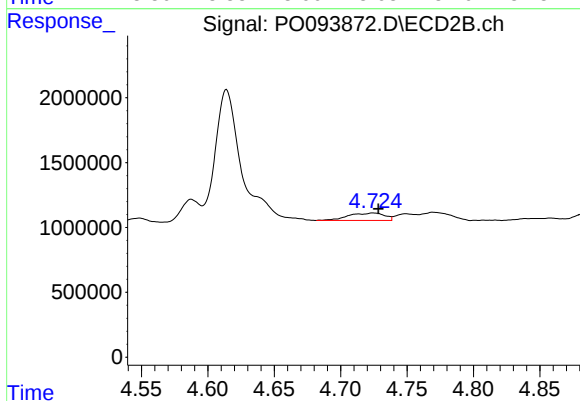
#3 AR-1016-1

R.T.: 4.725 min
Delta R.T.: 0.015 min
Response: 1086283
Conc: 30.61 ng/ml



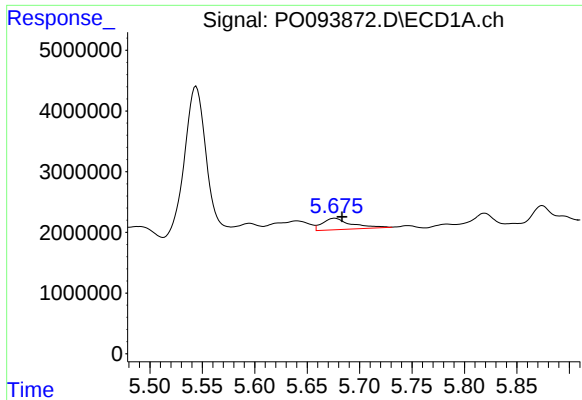
#4 AR-1016-2

R.T.: 5.640 min
Delta R.T.: 0.020 min
Response: 4273765
Conc: 27.42 ng/ml



#4 AR-1016-2

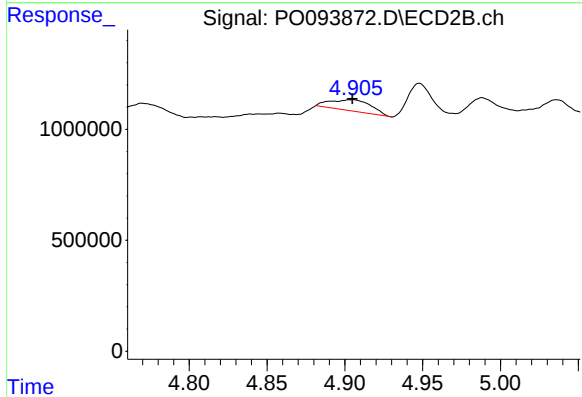
R.T.: 4.725 min
Delta R.T.: -0.003 min
Response: 1086283
Conc: 20.11 ng/ml



#5 AR-1016-3

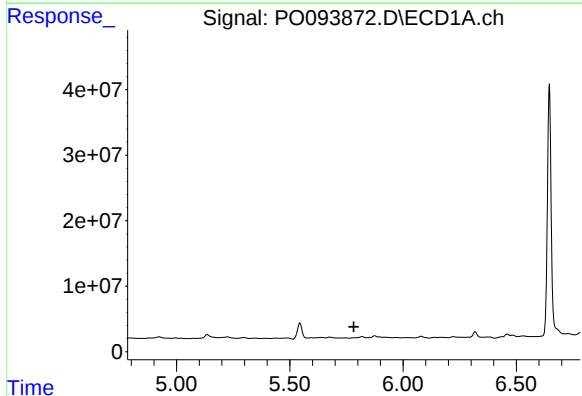
R.T.: 5.676 min
Delta R.T.: -0.007 min
Response: 3567955
Conc: 36.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



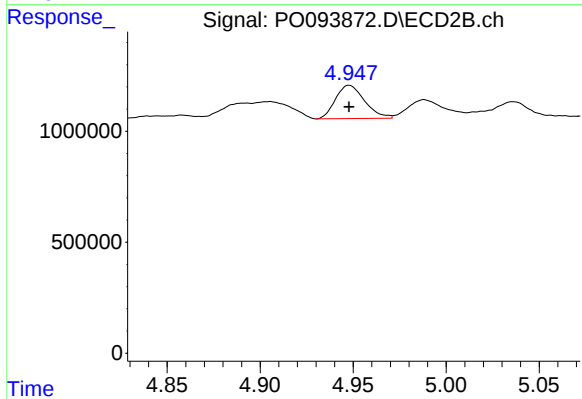
#5 AR-1016-3

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 910616
Conc: 32.13 ng/ml



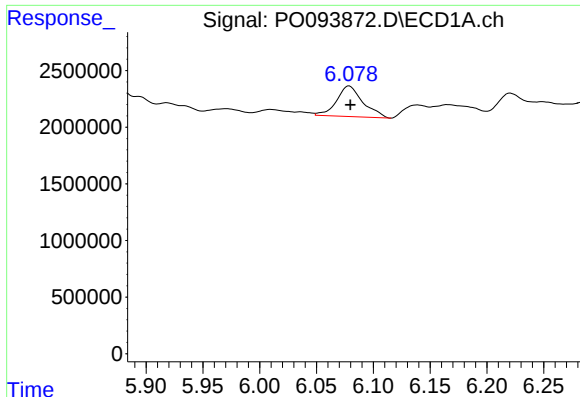
#6 AR-1016-4

R.T.: 5.784 min
Delta R.T.: 0.002 min
Response: -306785
Conc: N.D.



#6 AR-1016-4

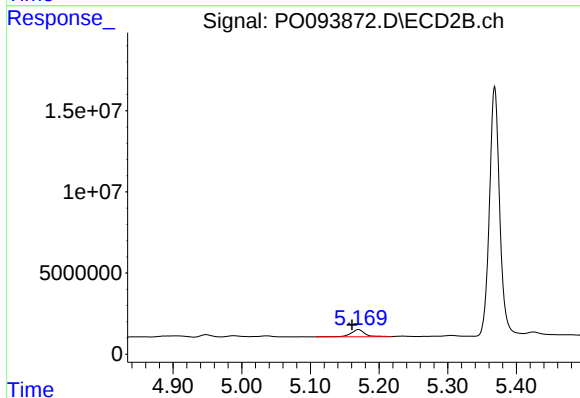
R.T.: 4.948 min
Delta R.T.: 0.000 min
Response: 1627153
Conc: 61.62 ng/ml



#7 AR-1016-5

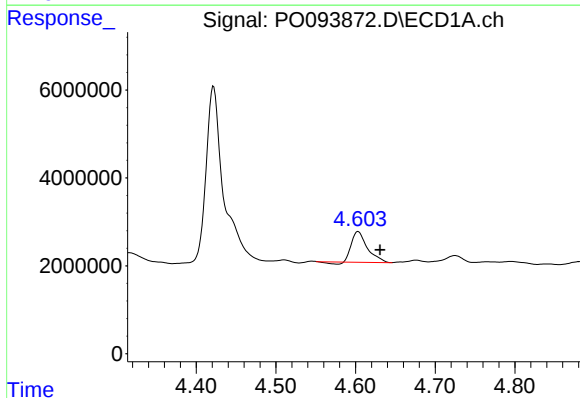
R.T.: 6.079 min
Delta R.T.: -0.001 min
Response: 4342853
Conc: 51.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



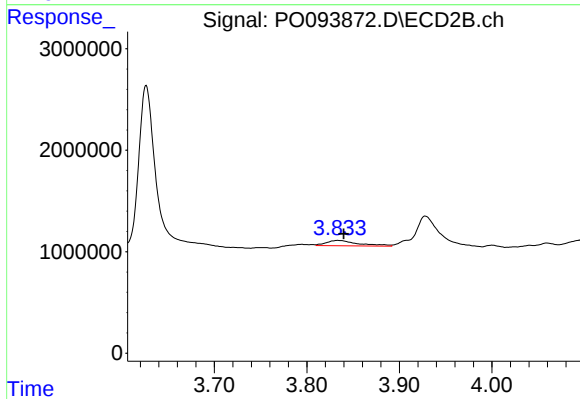
#7 AR-1016-5

R.T.: 5.170 min
Delta R.T.: 0.009 min
Response: 6225879
Conc: 190.27 ng/ml



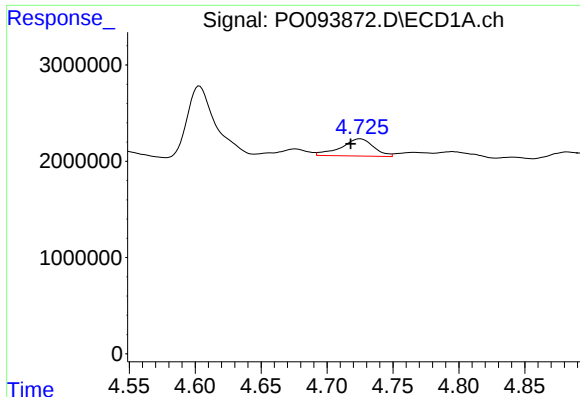
#8 AR-1221-1

R.T.: 4.603 min
Delta R.T.: -0.027 min
Response: 9425246
Conc: 204.36 ng/ml



#8 AR-1221-1

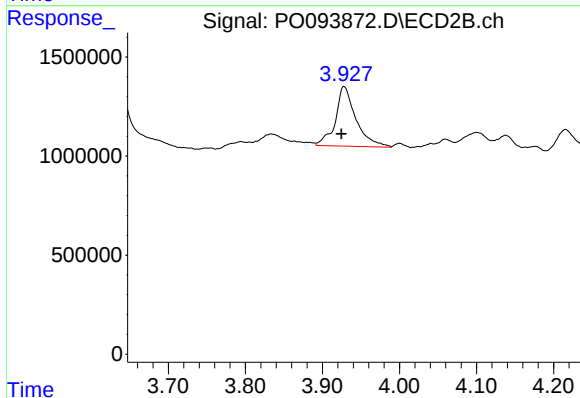
R.T.: 3.834 min
Delta R.T.: -0.006 min
Response: 1280981
Conc: 81.81 ng/ml



#9 AR-1221-2

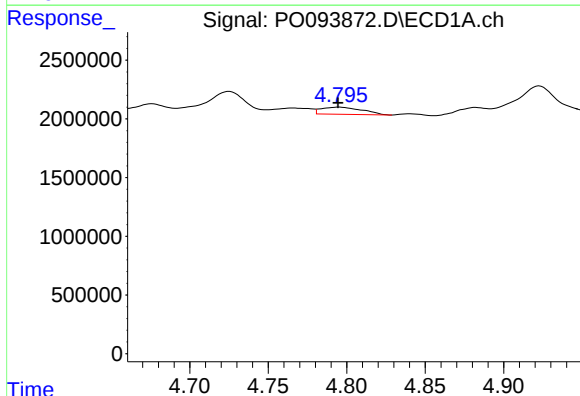
R.T.: 4.725 min
Delta R.T.: 0.007 min
Response: 3094987
Conc: 90.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



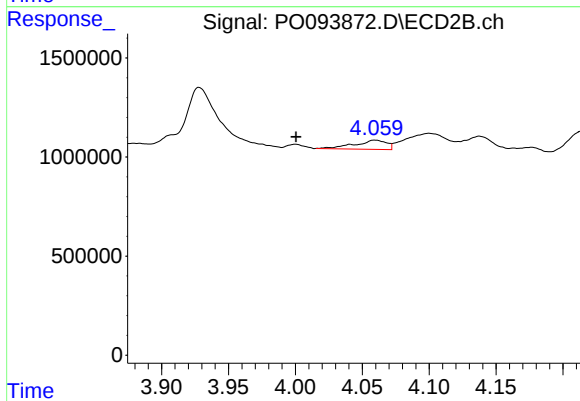
#9 AR-1221-2

R.T.: 3.928 min
Delta R.T.: 0.004 min
Response: 5553051
Conc: 470.50 ng/ml



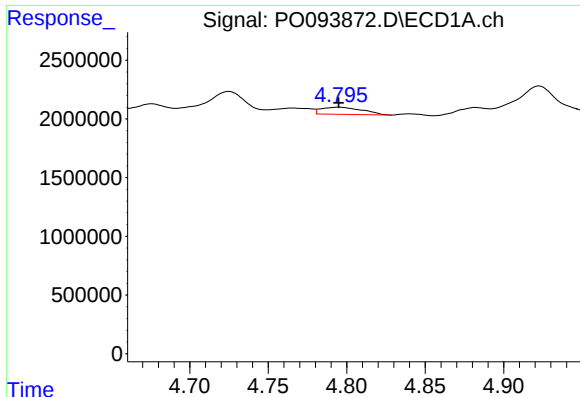
#10 AR-1221-3

R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 1100976
Conc: 10.51 ng/ml



#10 AR-1221-3

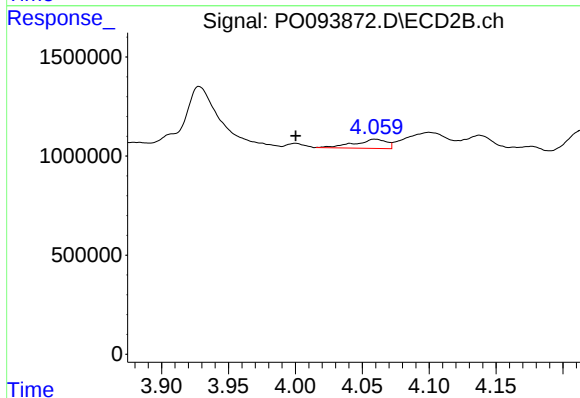
R.T.: 4.059 min
Delta R.T.: 0.059 min
Response: 776288
Conc: 21.07 ng/ml



#11 AR-1232-1

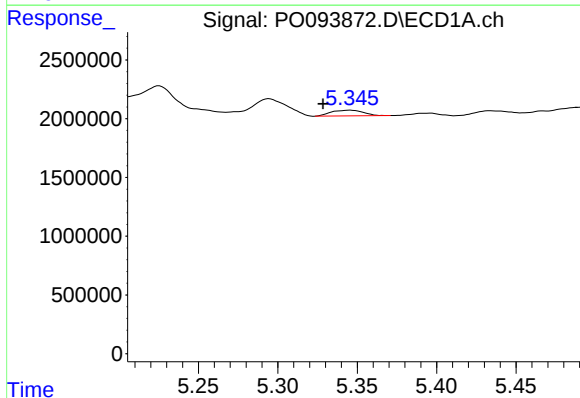
R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 1100976
Conc: 12.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



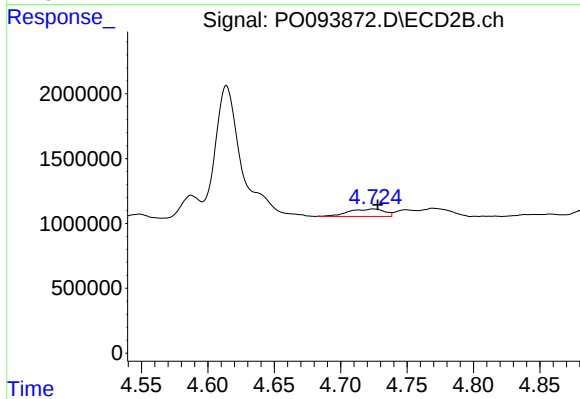
#11 AR-1232-1

R.T.: 4.059 min
Delta R.T.: 0.059 min
Response: 776288
Conc: 24.85 ng/ml



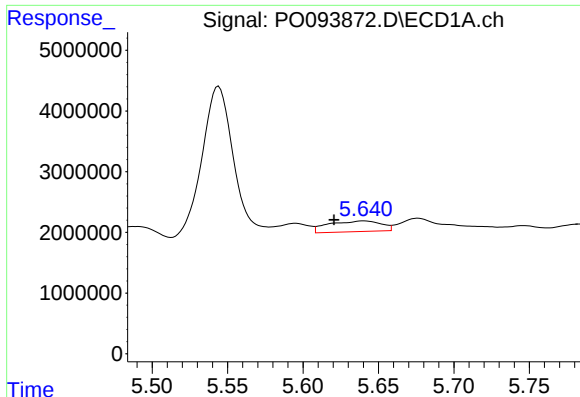
#12 AR-1232-2

R.T.: 5.346 min
Delta R.T.: 0.017 min
Response: 690922
Conc: 16.16 ng/ml



#12 AR-1232-2

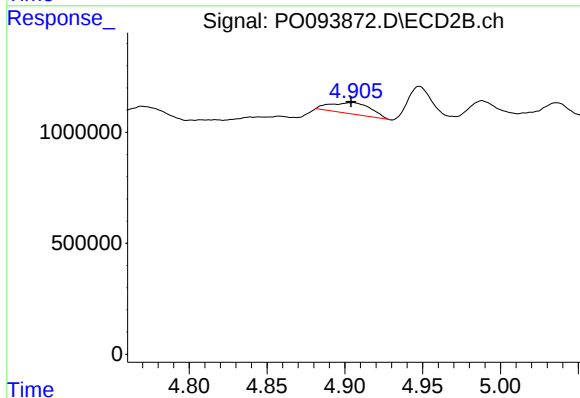
R.T.: 4.725 min
Delta R.T.: -0.003 min
Response: 1086283
Conc: 41.03 ng/ml



#13 AR-1232-3

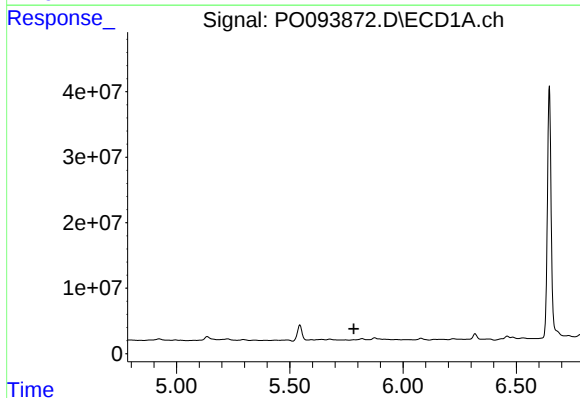
R.T.: 5.640 min
Delta R.T.: 0.020 min
Response: 4273765
Conc: 58.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



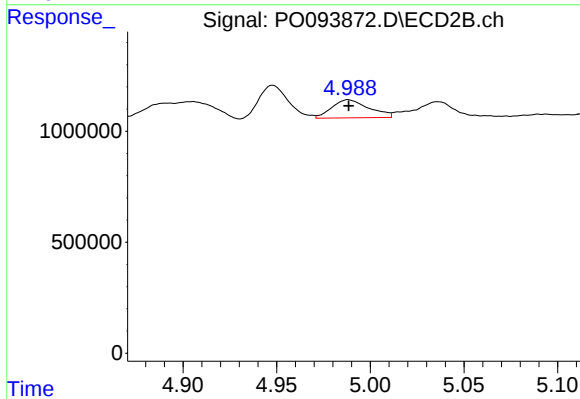
#13 AR-1232-3

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 910616
Conc: 69.04 ng/ml



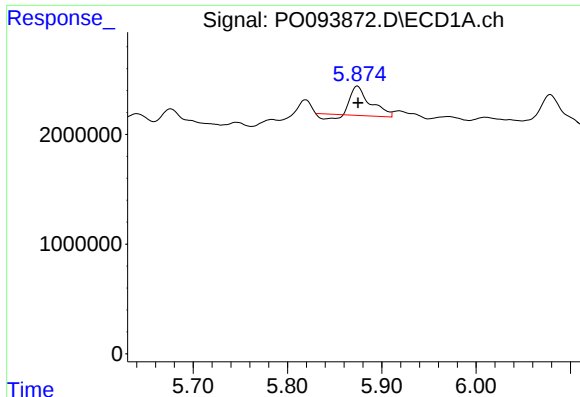
#14 AR-1232-4

R.T.: 5.784 min
Delta R.T.: 0.002 min
Response: -306785
Conc: N.D.



#14 AR-1232-4

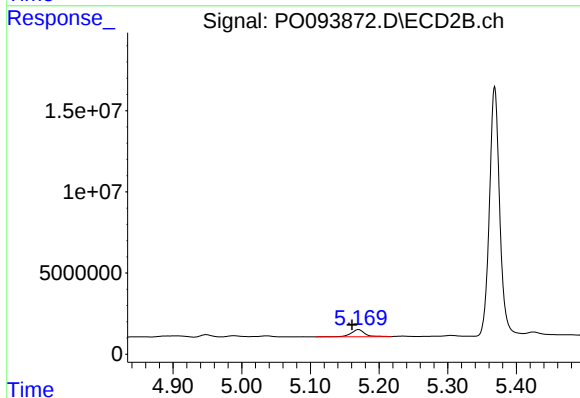
R.T.: 4.988 min
Delta R.T.: 0.000 min
Response: 1122397
Conc: 78.98 ng/ml



#15 AR-1232-5

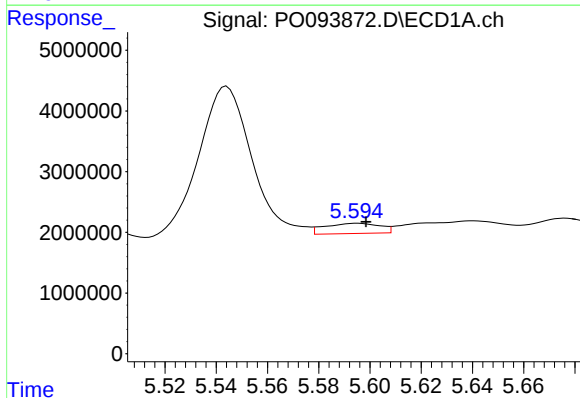
R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 3357026
Conc: 105.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



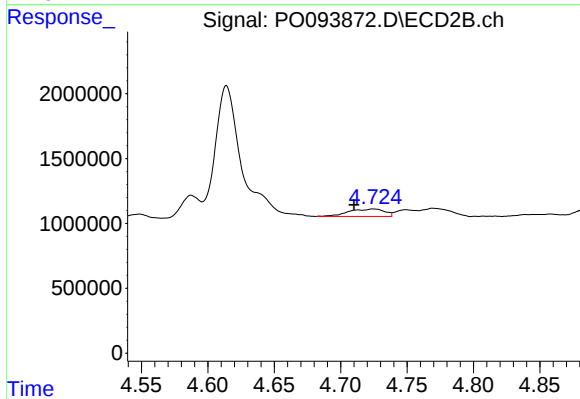
#15 AR-1232-5

R.T.: 5.170 min
Delta R.T.: 0.009 min
Response: 6225879
Conc: 403.01 ng/ml



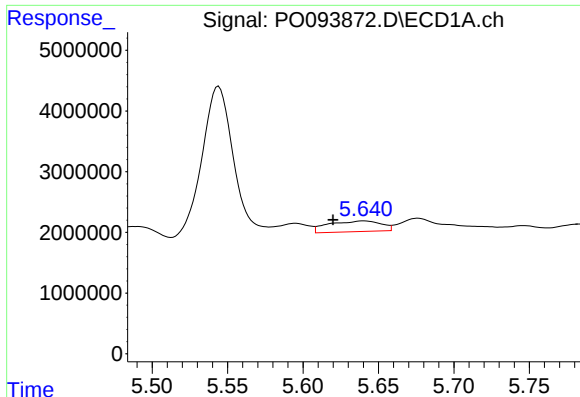
#16 AR-1242-1

R.T.: 5.595 min
Delta R.T.: -0.003 min
Response: 2503770
Conc: 28.69 ng/ml



#16 AR-1242-1

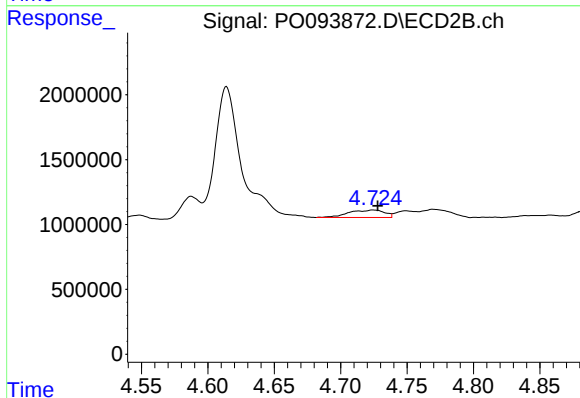
R.T.: 4.725 min
Delta R.T.: 0.015 min
Response: 1086283
Conc: 35.30 ng/ml



#17 AR-1242-2

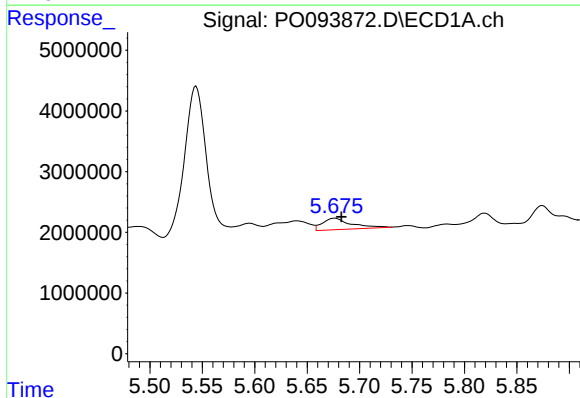
R.T.: 5.640 min
Delta R.T.: 0.021 min
Response: 4273765
Conc: 32.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



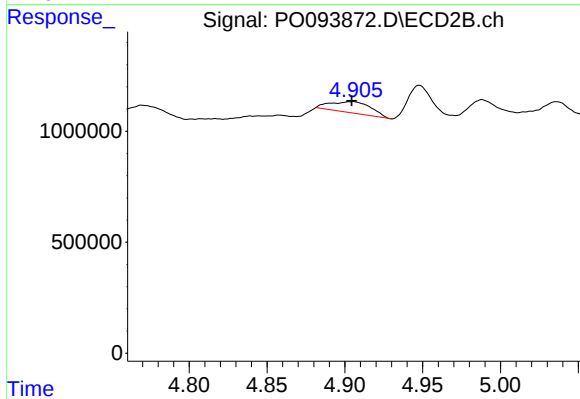
#17 AR-1242-2

R.T.: 4.725 min
Delta R.T.: -0.003 min
Response: 1086283
Conc: 23.62 ng/ml



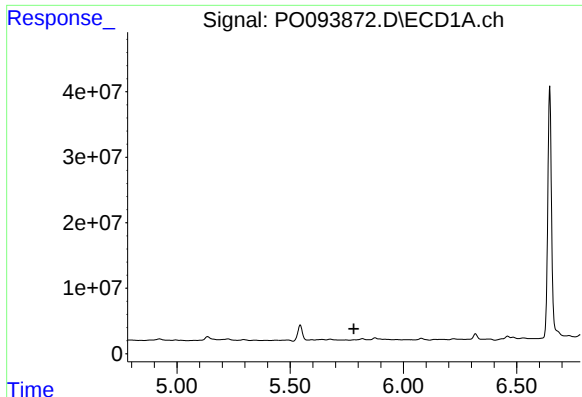
#18 AR-1242-3

R.T.: 5.676 min
Delta R.T.: -0.007 min
Response: 3567955
Conc: 42.03 ng/ml



#18 AR-1242-3

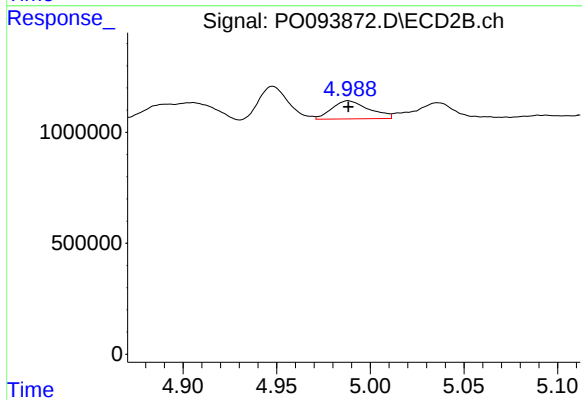
R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 910616
Conc: 37.58 ng/ml



#19 AR-1242-4

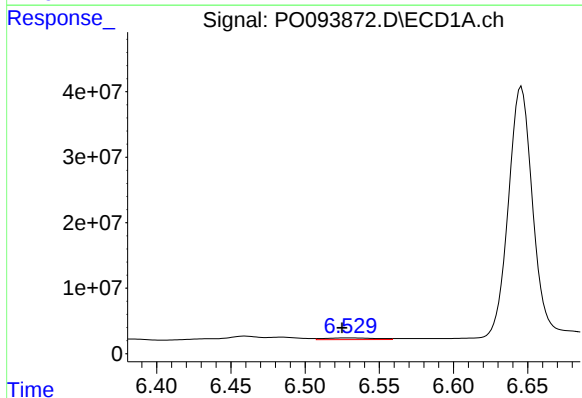
R.T.: 5.784 min
Delta R.T.: 0.002 min
Response: -306785
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



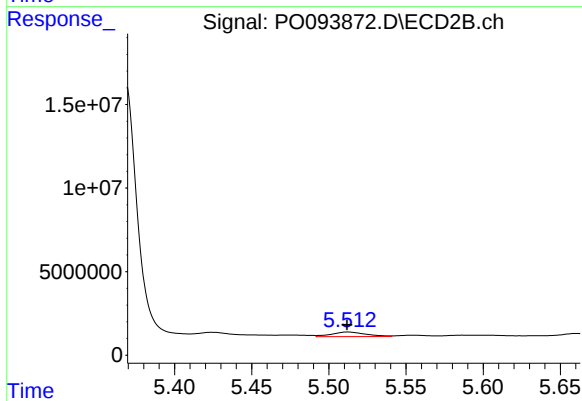
#19 AR-1242-4

R.T.: 4.988 min
Delta R.T.: 0.000 min
Response: 1122397
Conc: 39.98 ng/ml



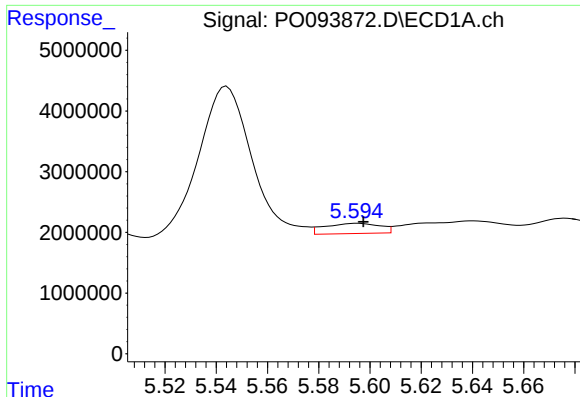
#20 AR-1242-5

R.T.: 6.529 min
Delta R.T.: 0.005 min
Response: 6340476
Conc: 94.17 ng/ml



#20 AR-1242-5

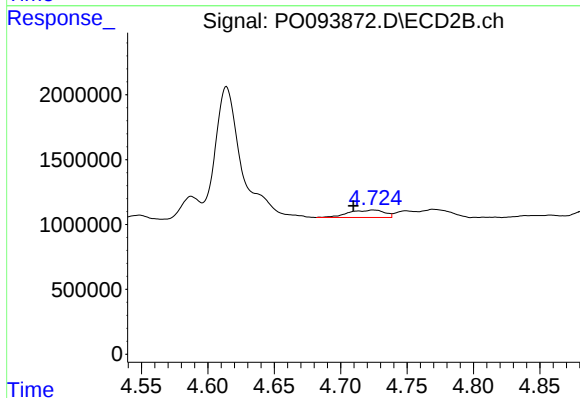
R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 4177152
Conc: 146.51 ng/ml



#21 AR-1248-1

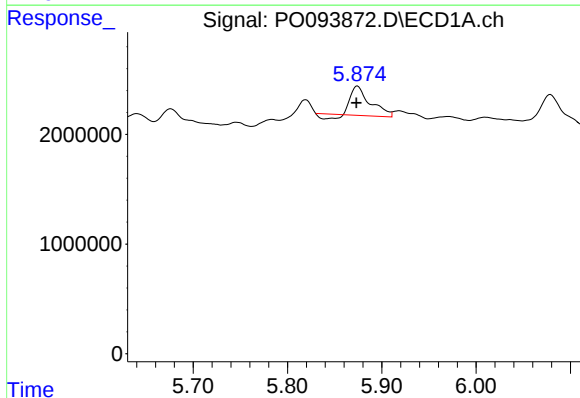
R.T.: 5.595 min
Delta R.T.: -0.002 min
Response: 2503770
Conc: 37.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



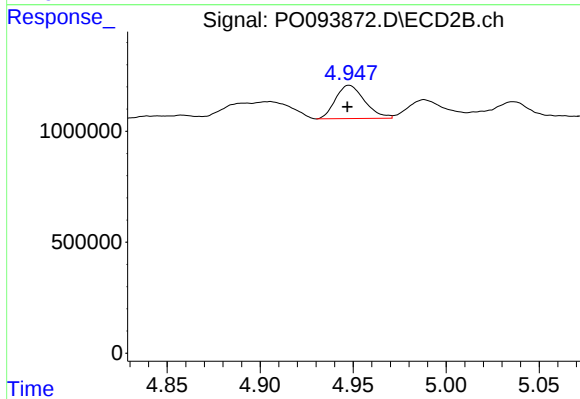
#21 AR-1248-1

R.T.: 4.725 min
Delta R.T.: 0.015 min
Response: 1086283
Conc: 45.54 ng/ml



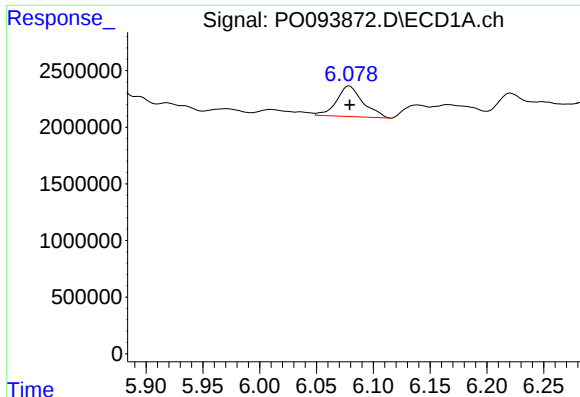
#22 AR-1248-2

R.T.: 5.874 min
Delta R.T.: 0.001 min
Response: 3357026
Conc: 30.69 ng/ml



#22 AR-1248-2

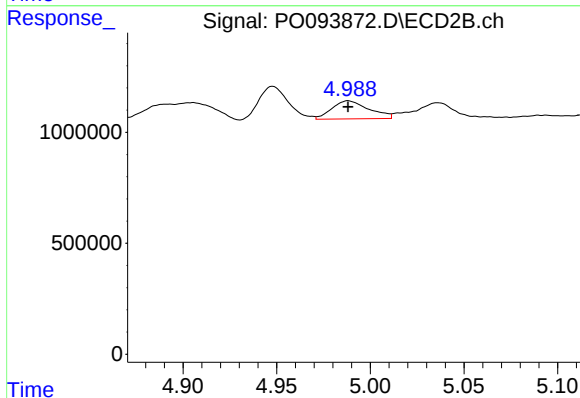
R.T.: 4.948 min
Delta R.T.: 0.000 min
Response: 1627153
Conc: 40.85 ng/ml



#23 AR-1248-3

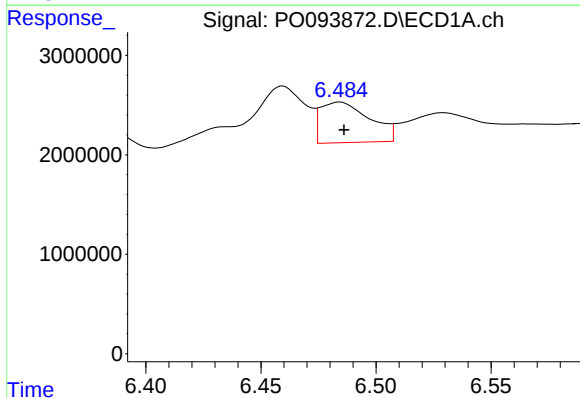
R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 4342853
Conc: 35.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



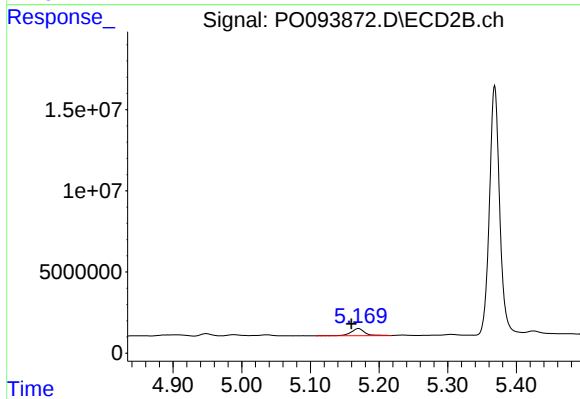
#23 AR-1248-3

R.T.: 4.988 min
Delta R.T.: 0.000 min
Response: 1122397
Conc: 26.89 ng/ml



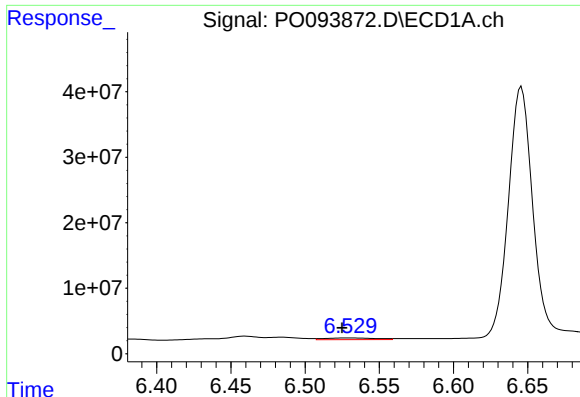
#24 AR-1248-4

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 6095502
Conc: 56.76 ng/ml



#24 AR-1248-4

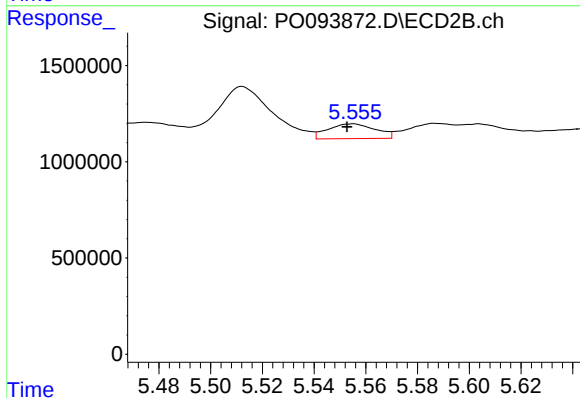
R.T.: 5.170 min
Delta R.T.: 0.010 min
Response: 6225879
Conc: 132.40 ng/ml



#25 AR-1248-5

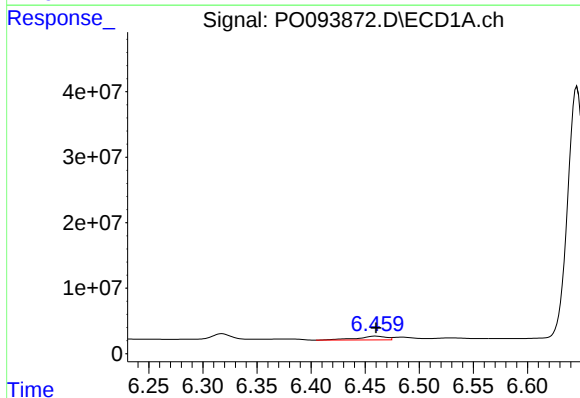
R.T.: 6.529 min
Delta R.T.: 0.004 min
Response: 6340476
Conc: 54.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



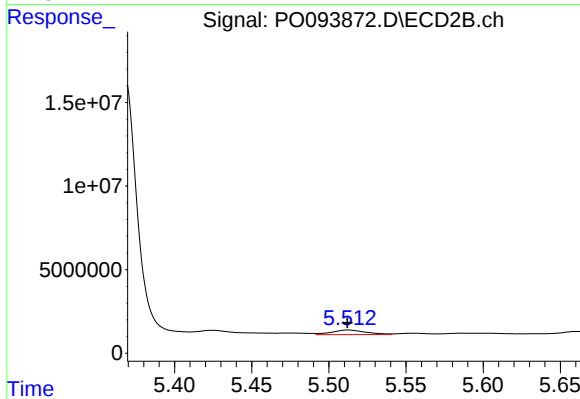
#25 AR-1248-5

R.T.: 5.555 min
Delta R.T.: 0.002 min
Response: 984482
Conc: 26.37 ng/ml



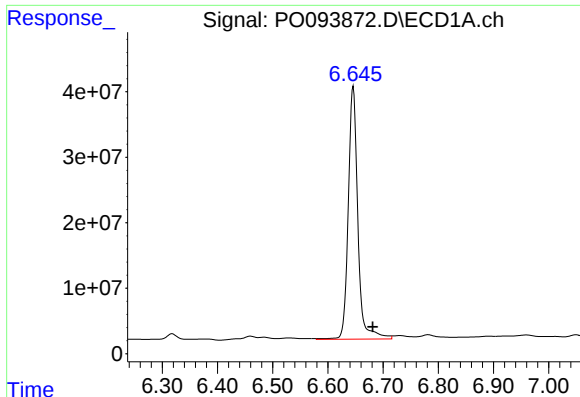
#26 AR-1254-1

R.T.: 6.460 min
Delta R.T.: 0.000 min
Response: 11012586
Conc: 81.20 ng/ml



#26 AR-1254-1

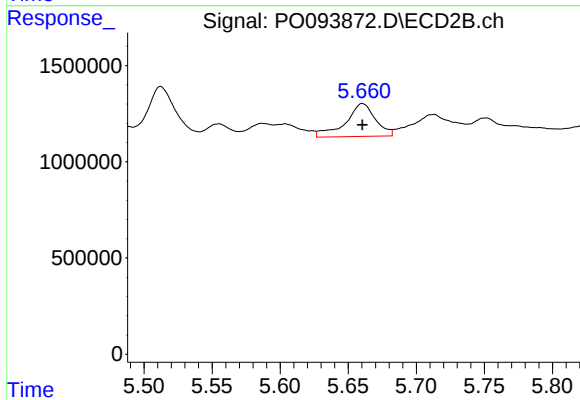
R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 4177152
Conc: 61.11 ng/ml



#27 AR-1254-2

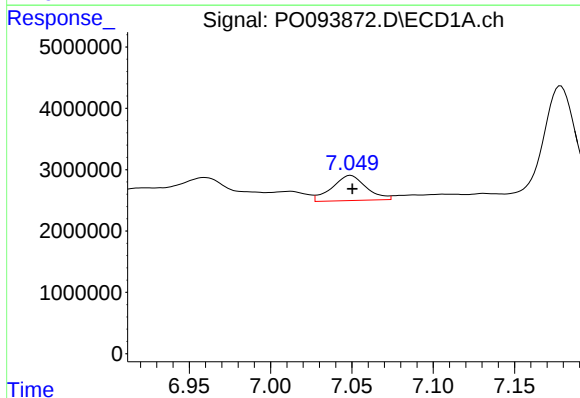
R.T.: 6.646 min
Delta R.T.: -0.036 min
Response: 466374963
Conc: 2385.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



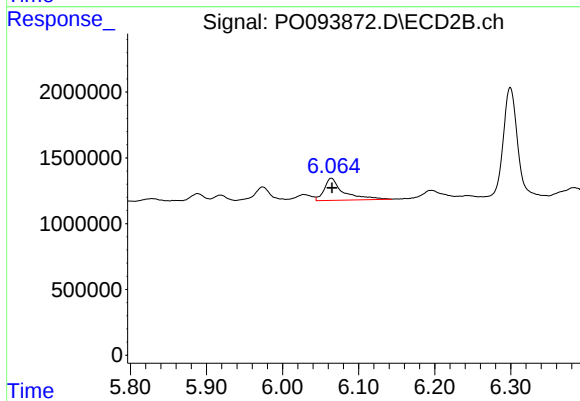
#27 AR-1254-2

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 2607154
Conc: 42.81 ng/ml



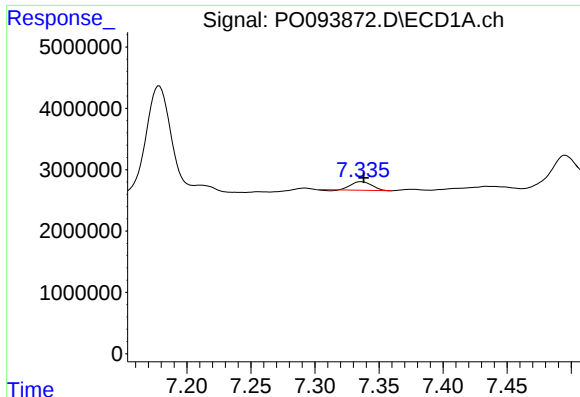
#28 AR-1254-3

R.T.: 7.049 min
Delta R.T.: -0.001 min
Response: 5965213
Conc: 32.29 ng/ml



#28 AR-1254-3

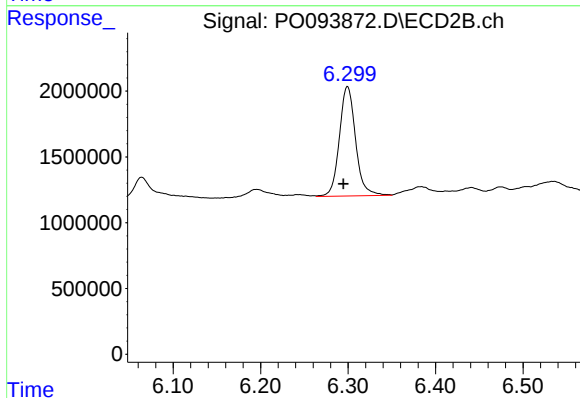
R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 2961124
Conc: 32.51 ng/ml



#29 AR-1254-4

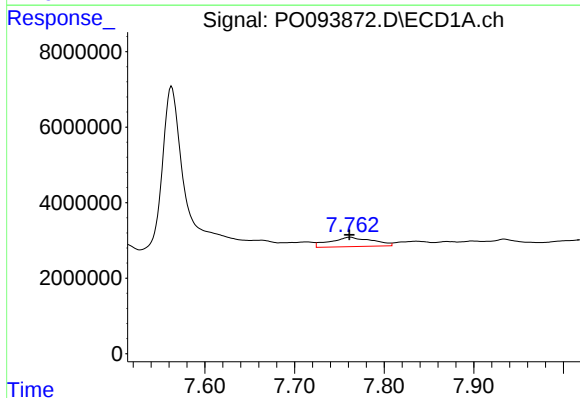
R.T.: 7.336 min
Delta R.T.: -0.002 min
Response: 1488389
Conc: 14.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



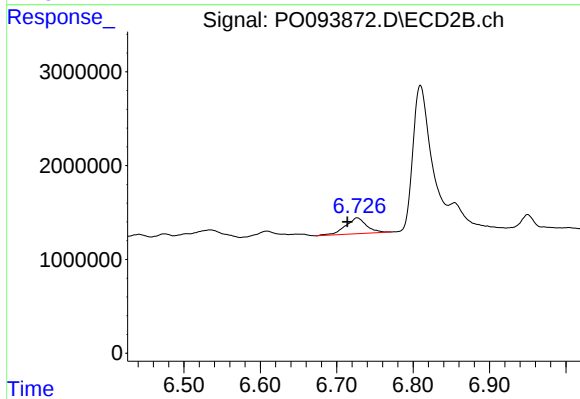
#29 AR-1254-4

R.T.: 6.299 min
Delta R.T.: 0.005 min
Response: 10746170
Conc: 252.29 ng/ml



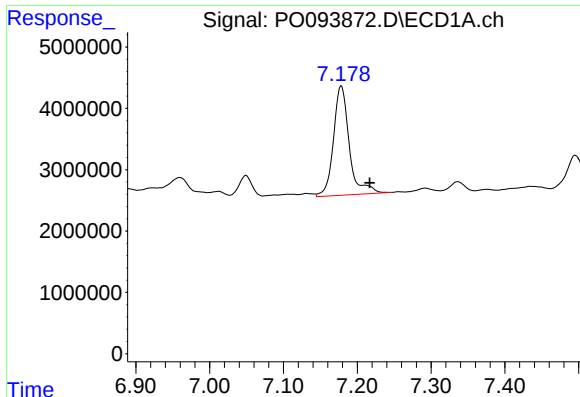
#30 AR-1254-5

R.T.: 7.762 min
Delta R.T.: 0.000 min
Response: 8067509
Conc: 59.49 ng/ml



#30 AR-1254-5

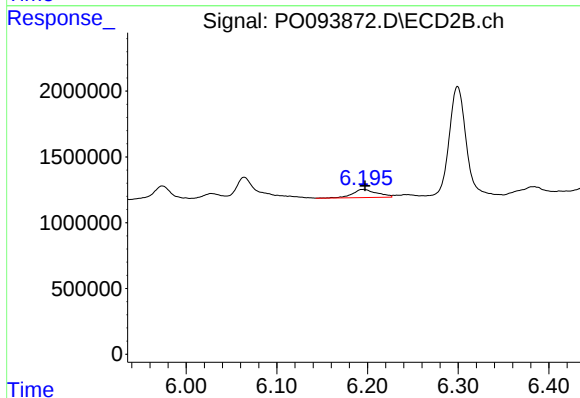
R.T.: 6.727 min
Delta R.T.: 0.013 min
Response: 3242018
Conc: 44.93 ng/ml



#31 AR-1260-1

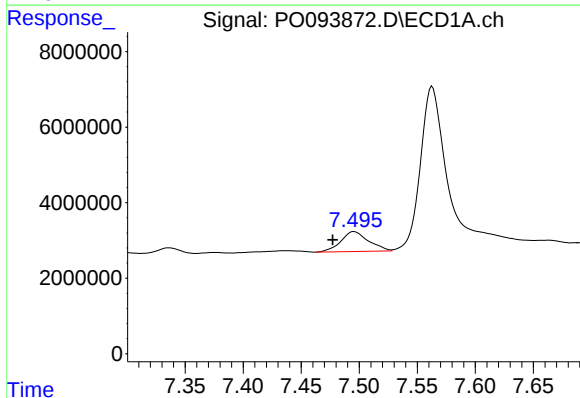
R.T.: 7.178 min
Delta R.T.: -0.039 min
Response: 26514689
Conc: 181.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



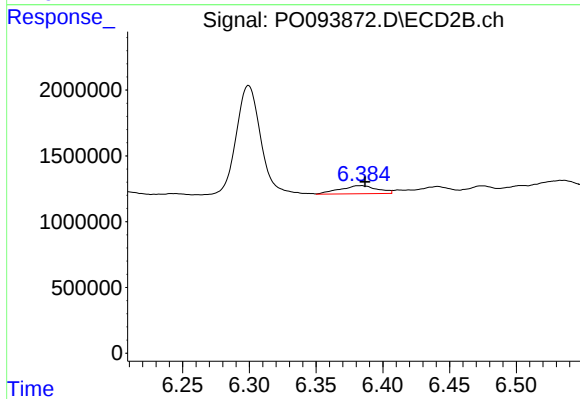
#31 AR-1260-1

R.T.: 6.195 min
Delta R.T.: -0.002 min
Response: 1152928
Conc: 17.68 ng/ml



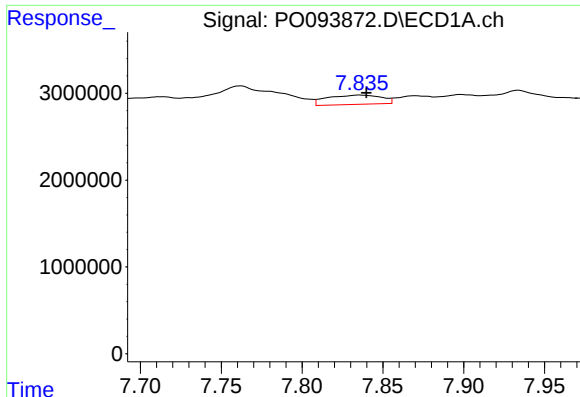
#32 AR-1260-2

R.T.: 7.496 min
Delta R.T.: 0.018 min
Response: 8792908
Conc: 54.94 ng/ml



#32 AR-1260-2

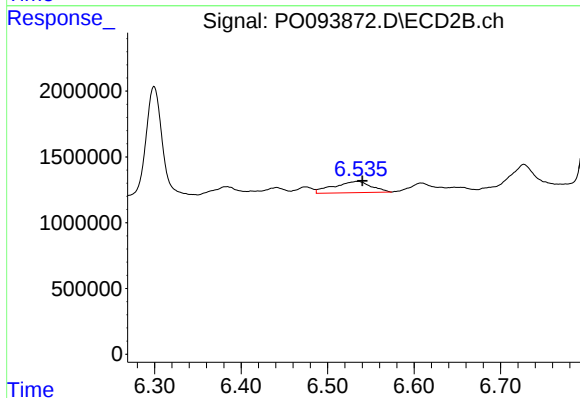
R.T.: 6.383 min
Delta R.T.: -0.004 min
Response: 1203842
Conc: 16.58 ng/ml



#33 AR-1260-3

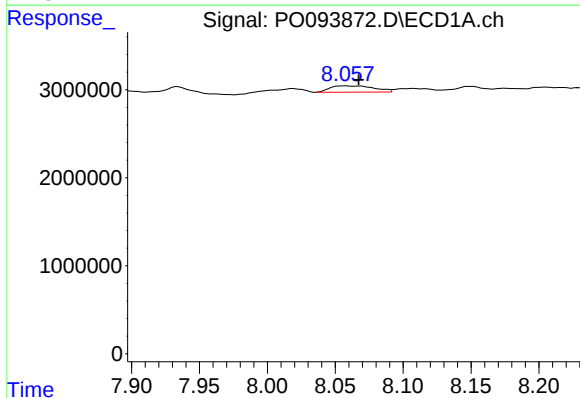
R.T.: 7.836 min
Delta R.T.: -0.004 min
Response: 2514016
Conc: 18.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



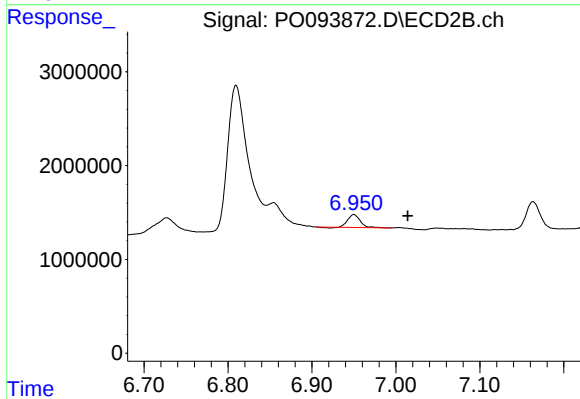
#33 AR-1260-3

R.T.: 6.535 min
Delta R.T.: -0.006 min
Response: 2580326
Conc: 35.55 ng/ml



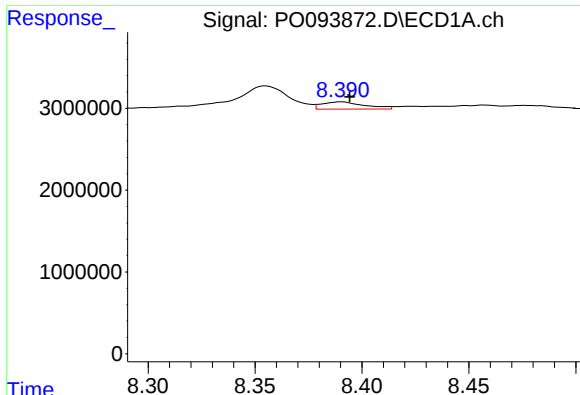
#34 AR-1260-4

R.T.: 8.057 min
Delta R.T.: -0.010 min
Response: 1617288
Conc: 11.74 ng/ml



#34 AR-1260-4

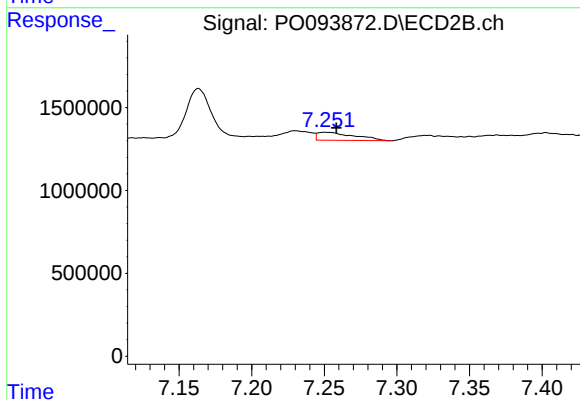
R.T.: 6.950 min
Delta R.T.: -0.064 min
Response: 1391664
Conc: 25.06 ng/ml



#35 AR-1260-5

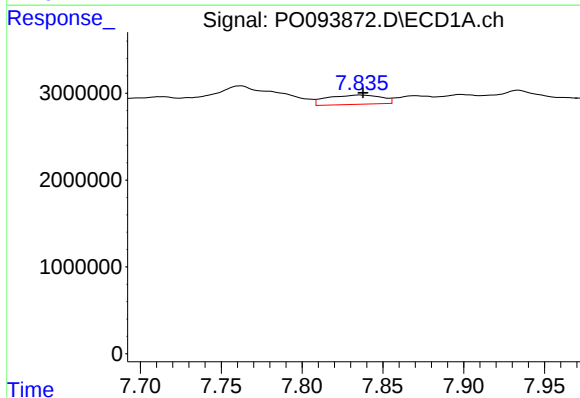
R.T.: 8.390 min
Delta R.T.: -0.004 min
Response: 1233339
Conc: 5.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



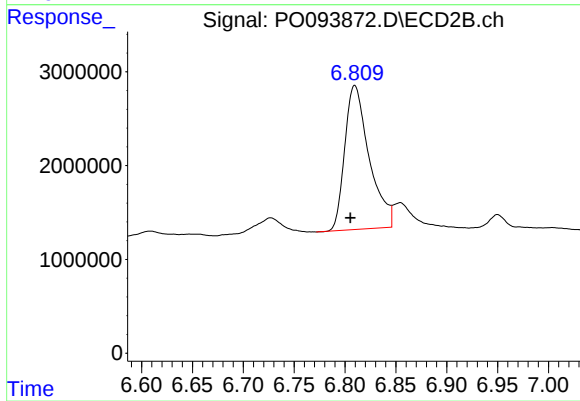
#35 AR-1260-5

R.T.: 7.251 min
Delta R.T.: -0.007 min
Response: 842829
Conc: 8.12 ng/ml



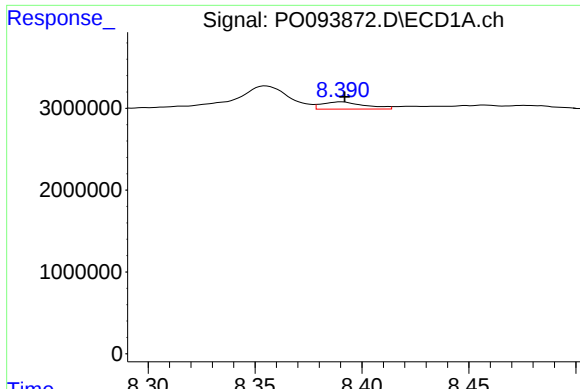
#36 AR-1262-1

R.T.: 7.836 min
Delta R.T.: -0.002 min
Response: 2514016
Conc: 14.72 ng/ml



#36 AR-1262-1

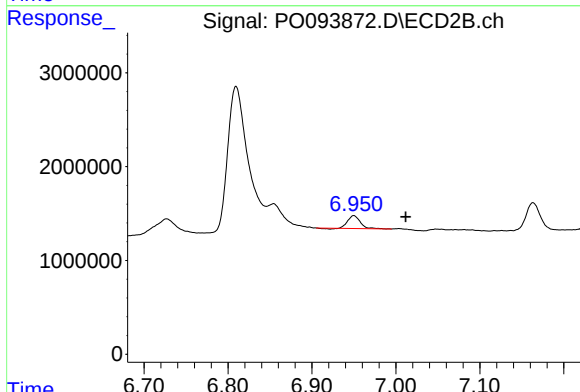
R.T.: 6.810 min
Delta R.T.: 0.004 min
Response: 25678606
Conc: 733.92 ng/ml



#37 AR-1262-2

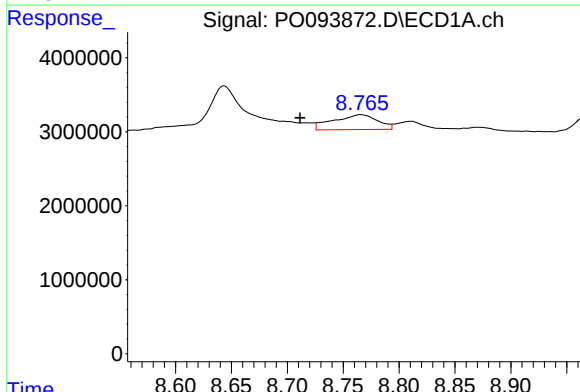
R.T.: 8.390 min
Delta R.T.: -0.002 min
Response: 1233339
Conc: 5.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



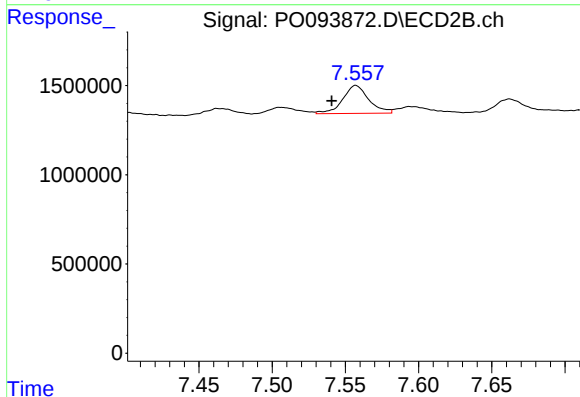
#37 AR-1262-2

R.T.: 6.950 min
Delta R.T.: -0.062 min
Response: 1391664
Conc: 19.70 ng/ml



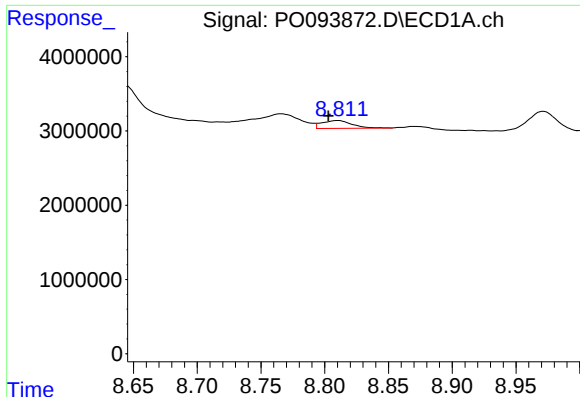
#38 AR-1262-3

R.T.: 8.766 min
Delta R.T.: 0.055 min
Response: 5590533
Conc: 34.13 ng/ml



#38 AR-1262-3

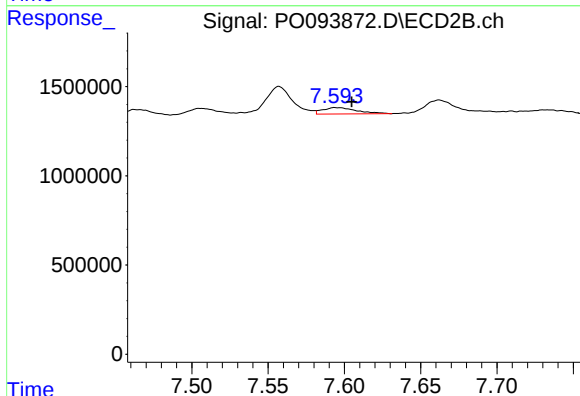
R.T.: 7.557 min
Delta R.T.: 0.016 min
Response: 1943298
Conc: 38.84 ng/ml



#39 AR-1262-4

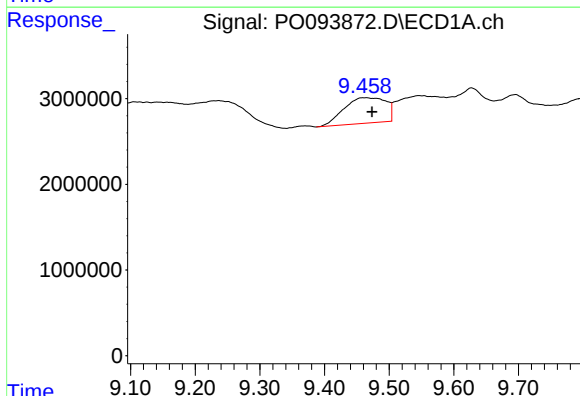
R.T.: 8.810 min
Delta R.T.: 0.007 min
Response: 1734042
Conc: 17.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



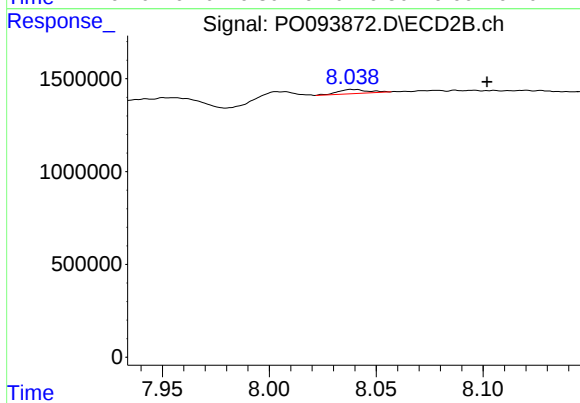
#39 AR-1262-4

R.T.: 7.594 min
Delta R.T.: -0.010 min
Response: 558386
Conc: 6.73 ng/ml



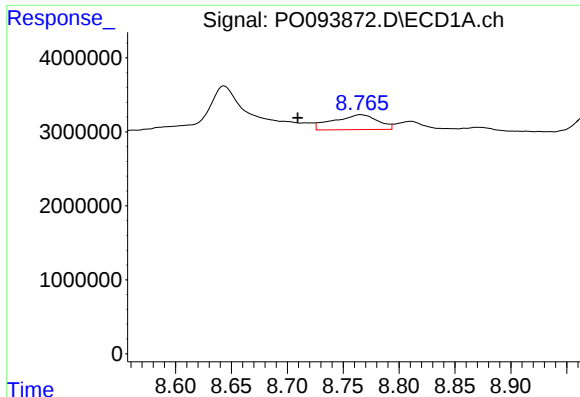
#40 AR-1262-5

R.T.: 9.464 min
Delta R.T.: -0.009 min
Response: 13441908
Conc: 167.01 ng/ml



#40 AR-1262-5

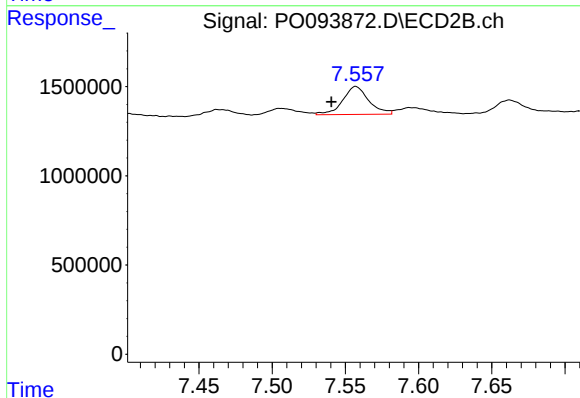
R.T.: 8.039 min
Delta R.T.: -0.063 min
Response: 216018
Conc: 6.64 ng/ml



#41 AR-1268-1

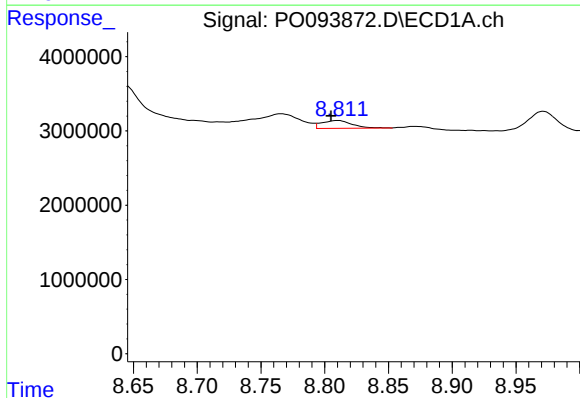
R.T.: 8.766 min
Delta R.T.: 0.057 min
Response: 5590533
Conc: 16.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



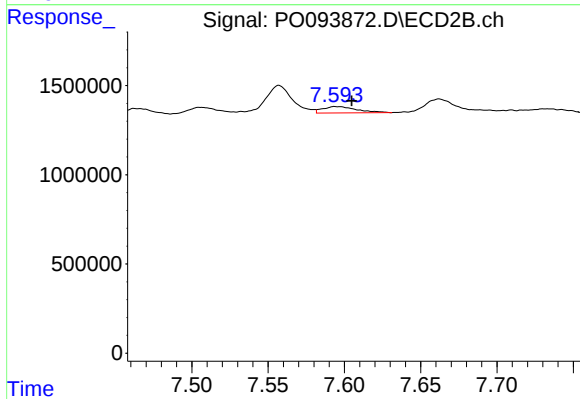
#41 AR-1268-1

R.T.: 7.557 min
Delta R.T.: 0.017 min
Response: 1943298
Conc: 12.72 ng/ml



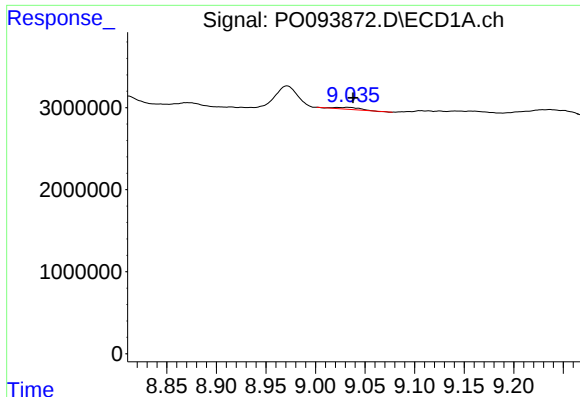
#42 AR-1268-2

R.T.: 8.810 min
Delta R.T.: 0.005 min
Response: 1734042
Conc: 5.39 ng/ml



#42 AR-1268-2

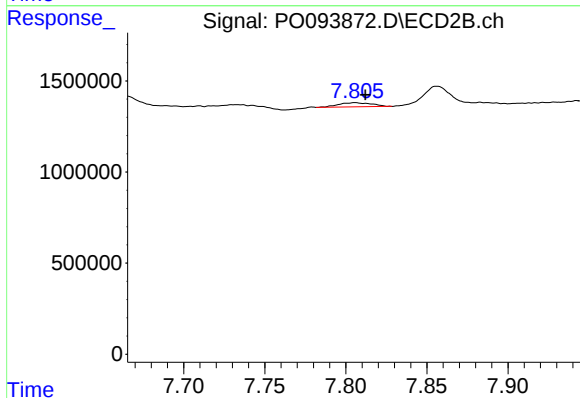
R.T.: 7.594 min
Delta R.T.: -0.010 min
Response: 558386
Conc: 4.11 ng/ml



#43 AR-1268-3

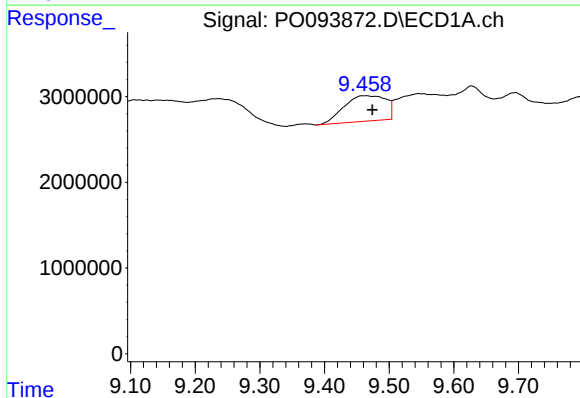
R.T.: 9.033 min
Delta R.T.: -0.005 min
Response: 372163
Conc: 1.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



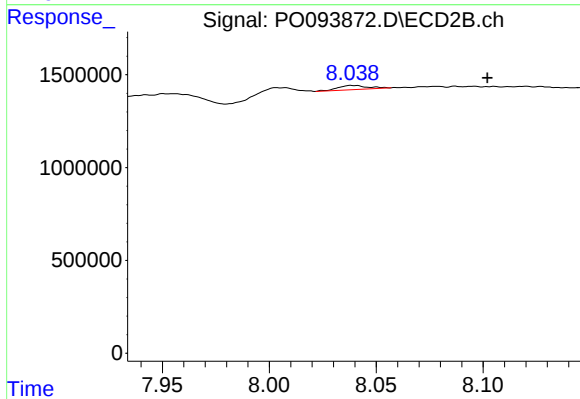
#43 AR-1268-3

R.T.: 7.806 min
Delta R.T.: -0.006 min
Response: 319876
Conc: 2.44 ng/ml



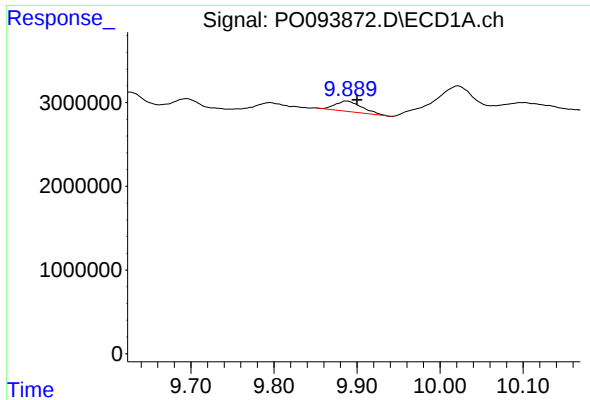
#44 AR-1268-4

R.T.: 9.464 min
Delta R.T.: -0.010 min
Response: 13441908
Conc: 139.02 ng/ml



#44 AR-1268-4

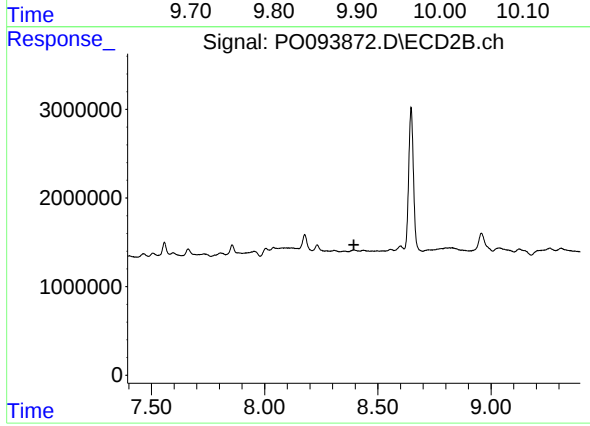
R.T.: 8.039 min
Delta R.T.: -0.063 min
Response: 216018
Conc: 5.46 ng/ml



#45 AR-1268-5

R.T.: 9.888 min
Delta R.T.: -0.012 min
Response: 2780030
Conc: 3.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.394 min
Response: 0
Conc: N.D.