

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0050423\
 Data File : P0094735.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 May 2023 15:01
 Operator : YP/AJ
 Sample : 02605-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 18:24:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0042623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon May 01 11:12:50 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...	4.416	3.616	79431478	28928510	23.060	21.620
2)	SA Decachlor...	10.259	8.629	56835987	25463448	23.420	22.623
Target Compounds							
3)	L1 AR-1016-1	5.594	4.697	51748825	21871491	507.999	551.452
4)	L1 AR-1016-2	5.618	4.715	79639570	32905723	526.347	556.627
5)	L1 AR-1016-3	5.679	4.891	49769791	17542004	501.993	558.810
6)	L1 AR-1016-4	5.779	4.933	38905296	15955147	522.700	551.769
7)	L1 AR-1016-5	6.077	5.146	44764158	19703634	536.530	538.374
8)	L2 AR-1221-1	4.624	3.827	20853996	2350756	470.128	136.927 #
9)	L2 AR-1221-2	4.713	3.912	8339068	7416574	256.298	582.661 #
10)	L2 AR-1221-3	4.790	3.989	33758287	14426746	337.648	365.618
11)	L3 AR-1232-1	4.790	3.989	33758287	14426746	399.137	423.906
12)	L3 AR-1232-2	5.324	4.715	45384567	32905723	1058.410	1130.561
13)	L3 AR-1232-3	5.618	4.891	79639570	17542004	1096.342	1182.291
14)	L3 AR-1232-4	5.779	4.975	38905296	19235207	1107.921	1237.488
15)	L3 AR-1232-5	5.871	5.146	38538641	19703634	1168.845	1155.949
16)	L4 AR-1242-1	5.594	4.697	51748825	21871491	619.472	660.411
17)	L4 AR-1242-2	5.618	4.715	79639570	32905723	633.482	667.535
18)	L4 AR-1242-3	5.679	4.891	49769791	17542004	611.165	674.204
19)	L4 AR-1242-4	5.779	4.975	38905296	19235207	633.484	649.815
20)	L4 AR-1242-5	6.525	5.498	6456946	15621660	100.336	494.434 #
21)	L5 AR-1248-1	5.594	4.697	51748825	21871491	828.053	857.557
22)	L5 AR-1248-2	5.871	4.933	38538641	15955147	368.320	385.253
23)	L5 AR-1248-3	6.077	4.975	44764158	19235207	404.285	448.345
24)	L5 AR-1248-4	6.459	5.146	38983672	19703634	378.628	401.987
25)	L5 AR-1248-5	6.525	5.538	6456946	2012806	59.369	50.591
26)	L6 AR-1254-1	6.459	5.498	38983672	15621660	307.689	215.498 #
27)	L6 AR-1254-2	6.680	5.646	35127082	14474265	183.782	221.831
28)	L6 AR-1254-3	7.051	6.065	16513965	25590196	87.553	257.706 #
29)	L6 AR-1254-4	7.339	6.280	10165844	2082658	89.757	42.194 #
30)	L6 AR-1254-5	7.762	6.698	98806066	45443305	705.520	540.147
31)	L7 AR-1260-1	7.217	6.180	74119191	36164447	499.896	513.698
32)	L7 AR-1260-2	7.477	6.370	83534316	41230998	515.121	515.751
33)	L7 AR-1260-3	7.842	6.523	58505132	38968631	447.515	518.181
34)	L7 AR-1260-4	8.069	6.997	68361003	28846259	488.877	460.808
35)	L7 AR-1260-5	8.398	7.240	119.1E6	62245393	486.851	493.859
36)	L8 AR-1262-1	7.842	6.790	58505132	16668579	348.337	444.743 #
37)	L8 AR-1262-2	8.398	6.997	119.1E6	28846259	473.758	386.643
38)	L8 AR-1262-3	8.728	7.524	77028863	13590095	426.509	233.631 #
39)	L8 AR-1262-4	8.808	7.588	21106802	46364934	227.314	457.772 #
40)	L8 AR-1262-5	9.483	8.086	28943998	14044098	337.954	322.681
41)	L9 AR-1268-1	8.728	7.524	77028863	13590095	227.747	80.438 #

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 ALS Vial : 16 Sample Multiplier: 1

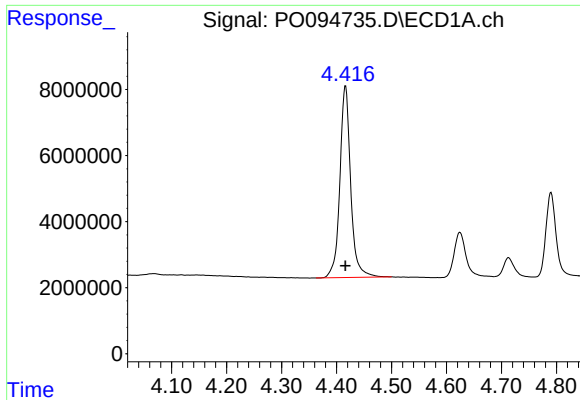
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 18:24:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0042623.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	8.808	7.588	21106802	46364934	69.554	302.569 #
43) L9	AR-1268-3	9.044	7.795	2234682	1170955	8.283	8.609
44) L9	AR-1268-4	9.483	8.086	28943998	14044098	308.310	281.123
45) L9	AR-1268-5	9.909	8.377	10574909	4922053	12.577	12.571

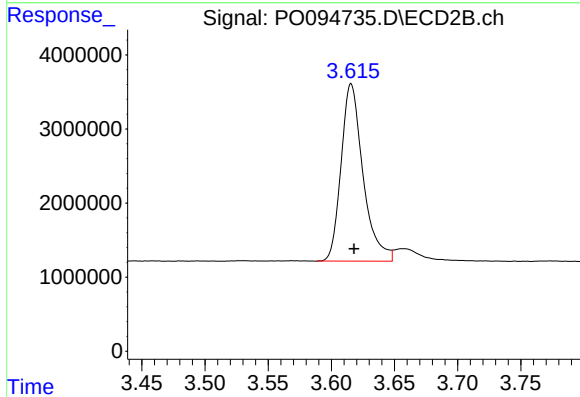
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

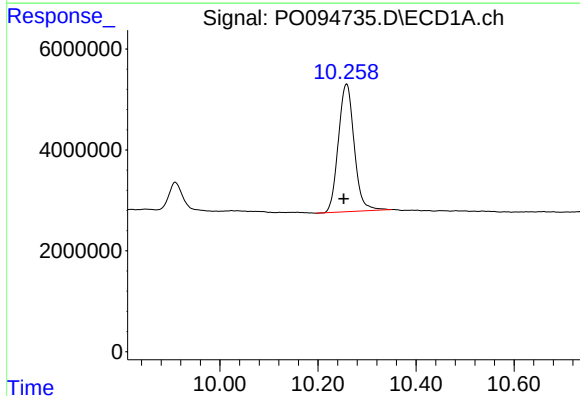
R.T.: 4.416 min
Delta R.T.: 0.000 min
Response: 79431478
Conc: 23.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



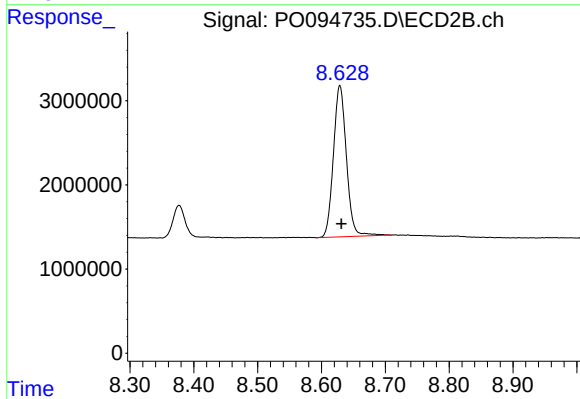
#1 Tetrachloro-m-xylene

R.T.: 3.616 min
Delta R.T.: -0.002 min
Response: 28928510
Conc: 21.62 ng/ml



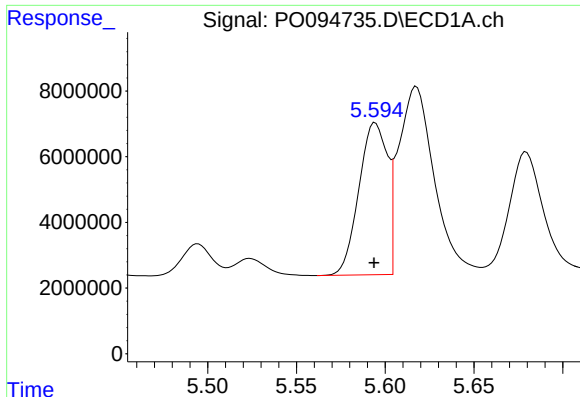
#2 Decachlorobiphenyl

R.T.: 10.259 min
Delta R.T.: 0.006 min
Response: 56835987
Conc: 23.42 ng/ml



#2 Decachlorobiphenyl

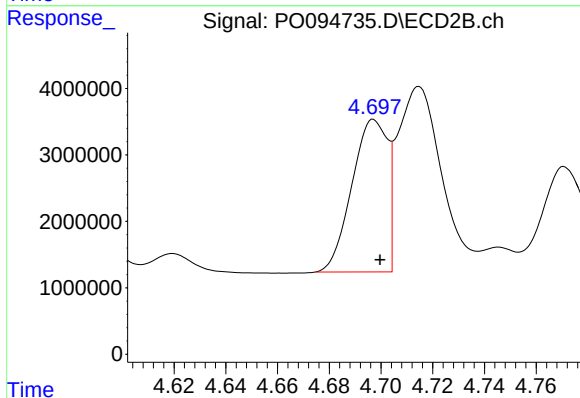
R.T.: 8.629 min
Delta R.T.: -0.002 min
Response: 25463448
Conc: 22.62 ng/ml



#3 AR-1016-1

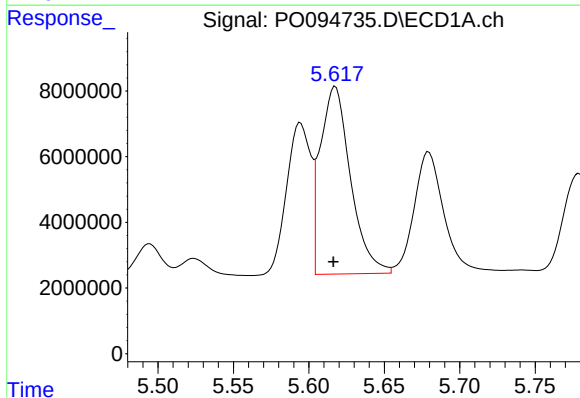
R.T.: 5.594 min
Delta R.T.: 0.000 min
Response: 51748825
Conc: 508.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



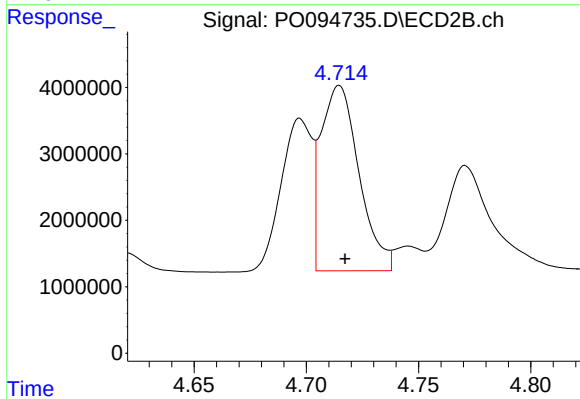
#3 AR-1016-1

R.T.: 4.697 min
Delta R.T.: -0.002 min
Response: 21871491
Conc: 551.45 ng/ml



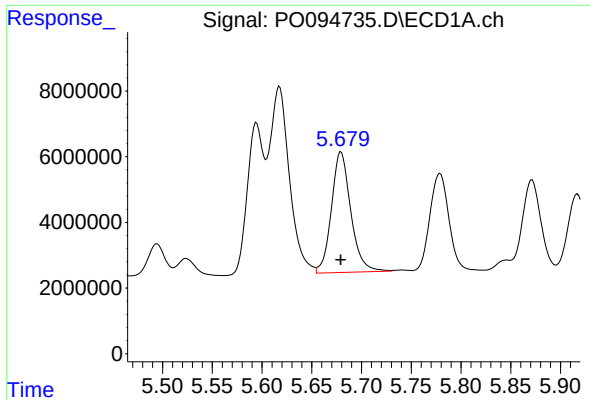
#4 AR-1016-2

R.T.: 5.618 min
Delta R.T.: 0.001 min
Response: 79639570
Conc: 526.35 ng/ml



#4 AR-1016-2

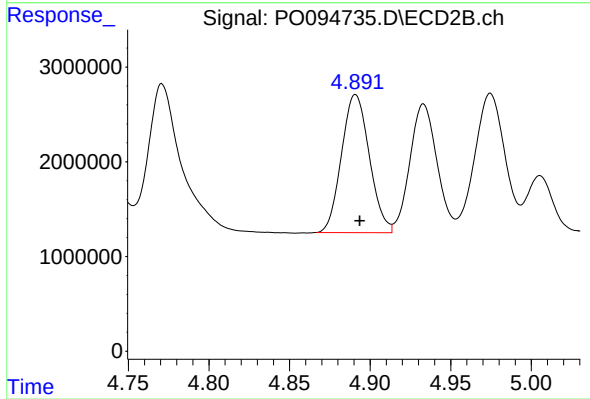
R.T.: 4.715 min
Delta R.T.: -0.003 min
Response: 32905723
Conc: 556.63 ng/ml



#5 AR-1016-3

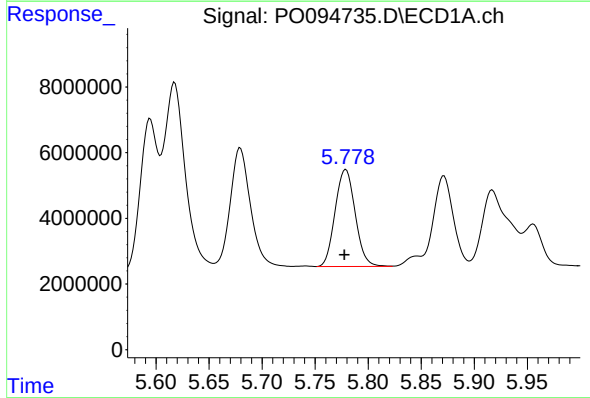
R.T.: 5.679 min
Delta R.T.: 0.000 min
Response: 49769791
Conc: 501.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



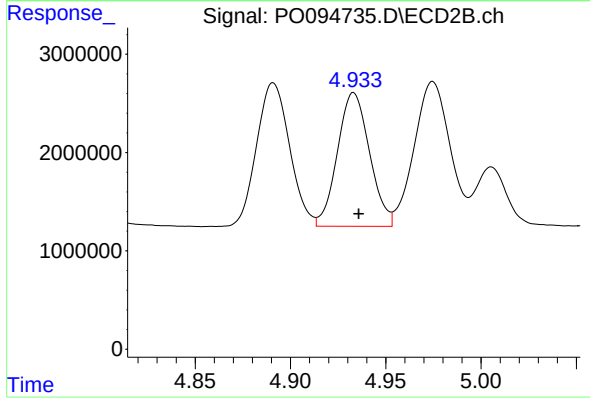
#5 AR-1016-3

R.T.: 4.891 min
Delta R.T.: -0.003 min
Response: 17542004
Conc: 558.81 ng/ml



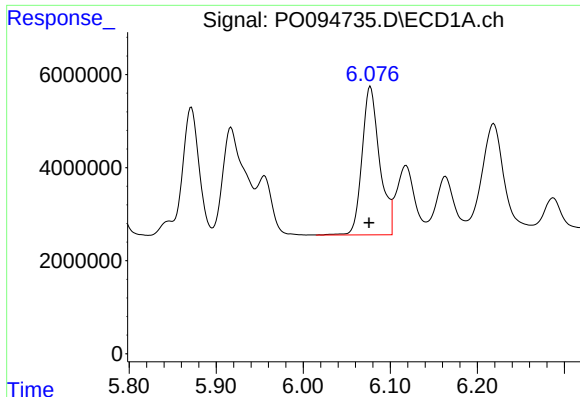
#6 AR-1016-4

R.T.: 5.779 min
Delta R.T.: 0.001 min
Response: 38905296
Conc: 522.70 ng/ml



#6 AR-1016-4

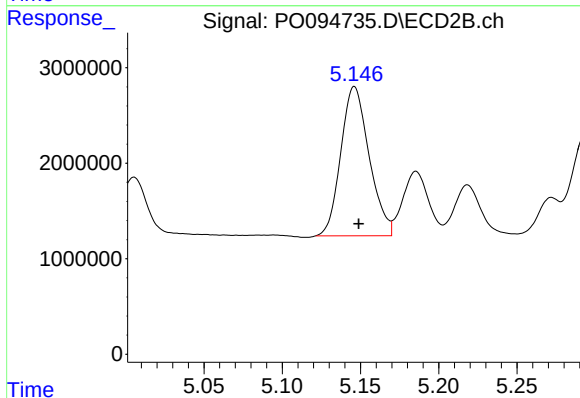
R.T.: 4.933 min
Delta R.T.: -0.003 min
Response: 15955147
Conc: 551.77 ng/ml



#7 AR-1016-5

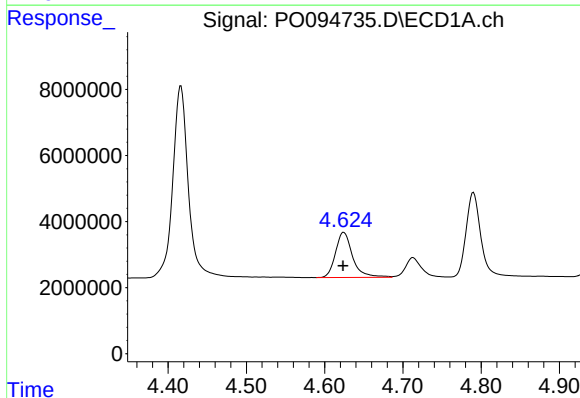
R.T.: 6.077 min
Delta R.T.: 0.002 min
Response: 44764158
Conc: 536.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



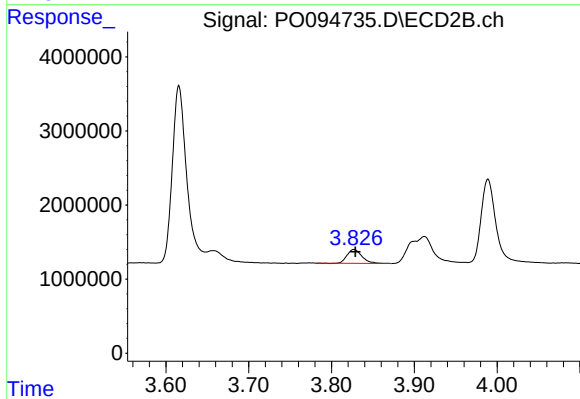
#7 AR-1016-5

R.T.: 5.146 min
Delta R.T.: -0.003 min
Response: 19703634
Conc: 538.37 ng/ml



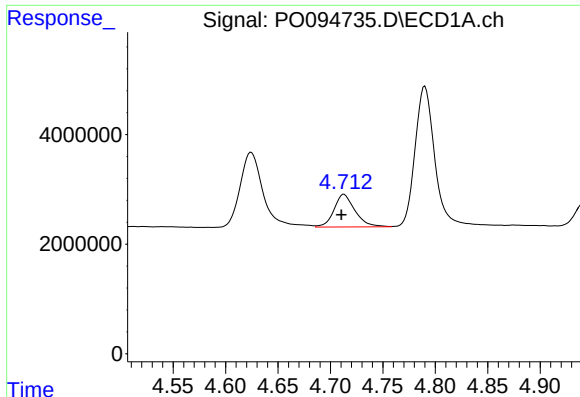
#8 AR-1221-1

R.T.: 4.624 min
Delta R.T.: 0.000 min
Response: 20853996
Conc: 470.13 ng/ml



#8 AR-1221-1

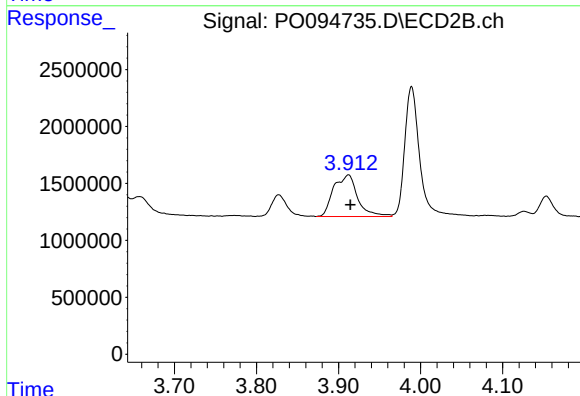
R.T.: 3.827 min
Delta R.T.: -0.002 min
Response: 2350756
Conc: 136.93 ng/ml



#9 AR-1221-2

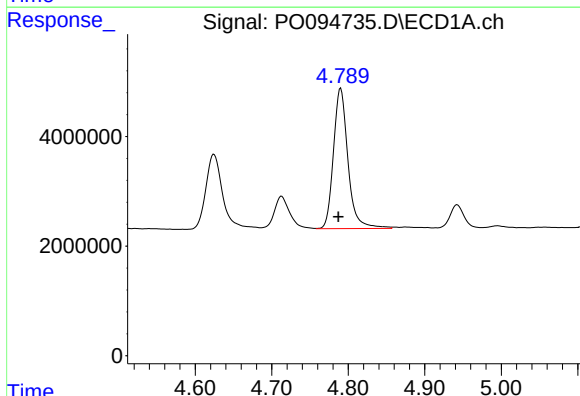
R.T.: 4.713 min
Delta R.T.: 0.002 min
Response: 8339068
Conc: 256.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



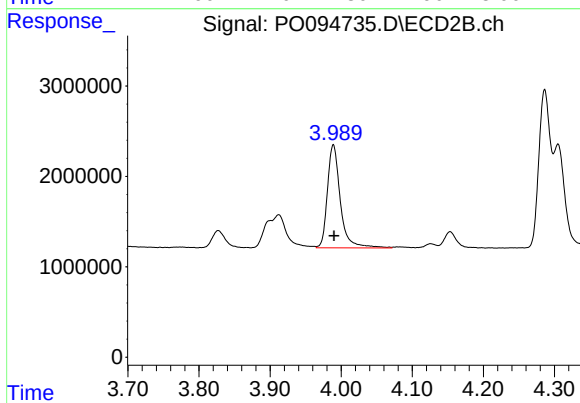
#9 AR-1221-2

R.T.: 3.912 min
Delta R.T.: -0.002 min
Response: 7416574
Conc: 582.66 ng/ml



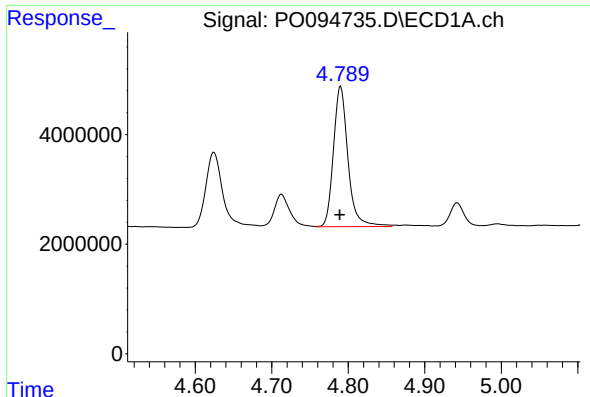
#10 AR-1221-3

R.T.: 4.790 min
Delta R.T.: 0.003 min
Response: 33758287
Conc: 337.65 ng/ml



#10 AR-1221-3

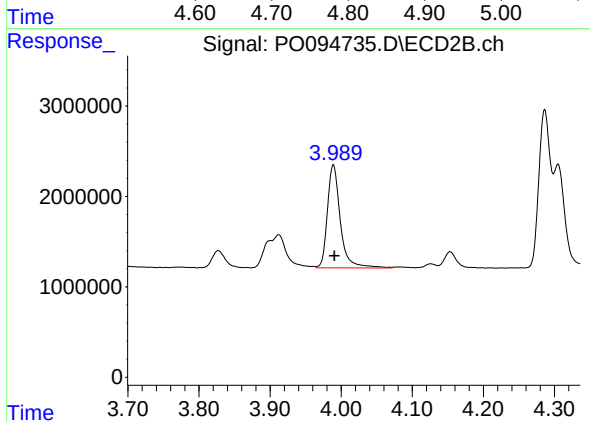
R.T.: 3.989 min
Delta R.T.: -0.001 min
Response: 14426746
Conc: 365.62 ng/ml



#11 AR-1232-1

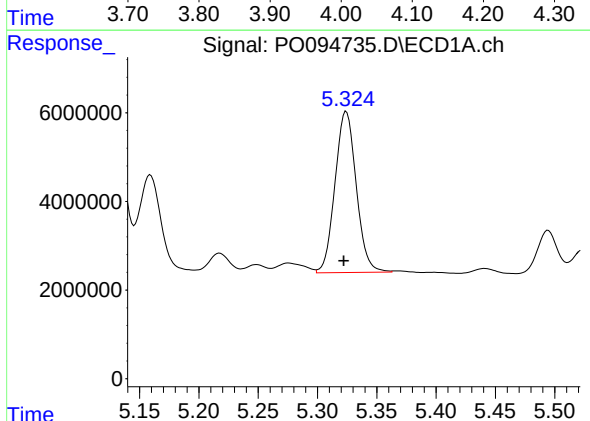
R.T.: 4.790 min
Delta R.T.: 0.001 min
Response: 33758287
Conc: 399.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



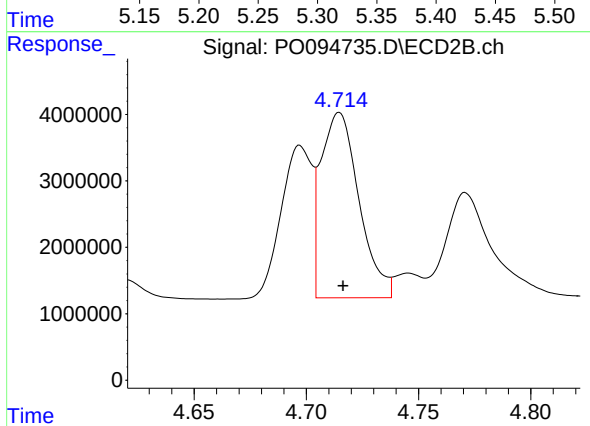
#11 AR-1232-1

R.T.: 3.989 min
Delta R.T.: -0.002 min
Response: 14426746
Conc: 423.91 ng/ml



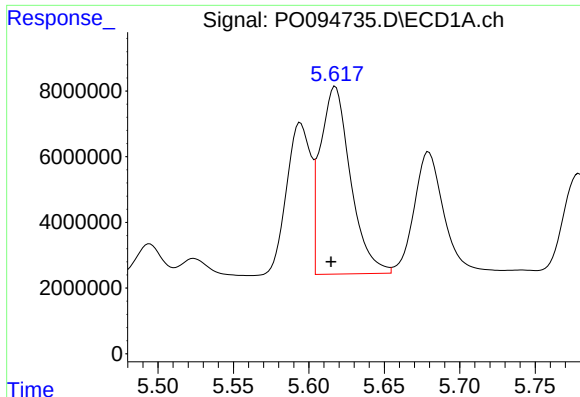
#12 AR-1232-2

R.T.: 5.324 min
Delta R.T.: 0.002 min
Response: 45384567
Conc: 1058.41 ng/ml



#12 AR-1232-2

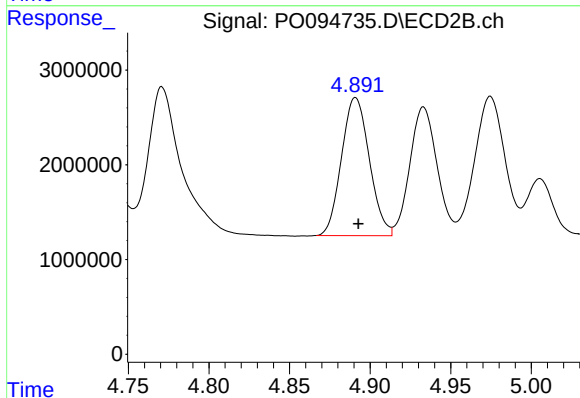
R.T.: 4.715 min
Delta R.T.: -0.002 min
Response: 32905723
Conc: 1130.56 ng/ml



#13 AR-1232-3

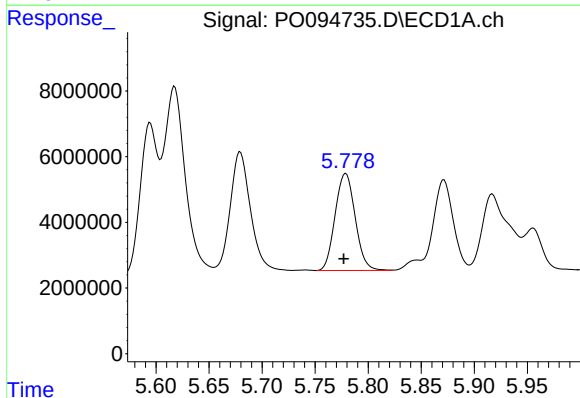
R.T.: 5.618 min
Delta R.T.: 0.003 min
Response: 79639570
Conc: 1096.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



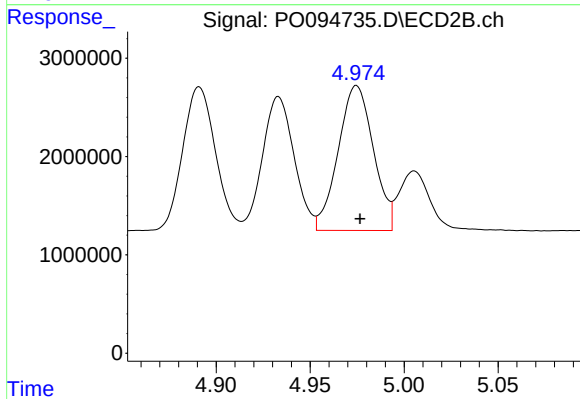
#13 AR-1232-3

R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 17542004
Conc: 1182.29 ng/ml



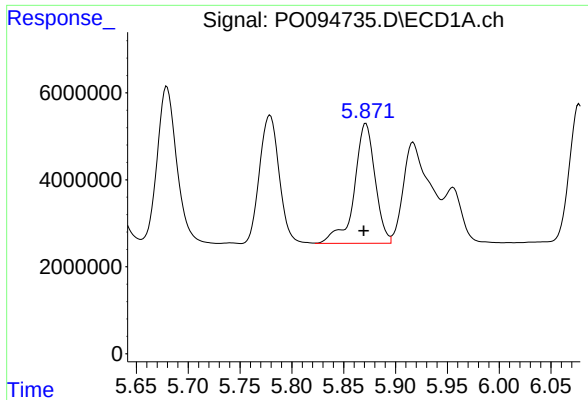
#14 AR-1232-4

R.T.: 5.779 min
Delta R.T.: 0.002 min
Response: 38905296
Conc: 1107.92 ng/ml



#14 AR-1232-4

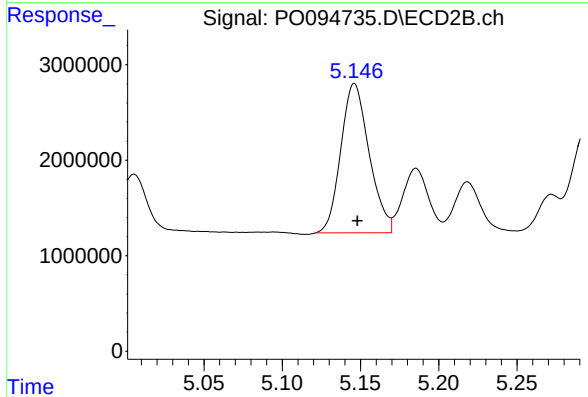
R.T.: 4.975 min
Delta R.T.: -0.002 min
Response: 19235207
Conc: 1237.49 ng/ml



#15 AR-1232-5

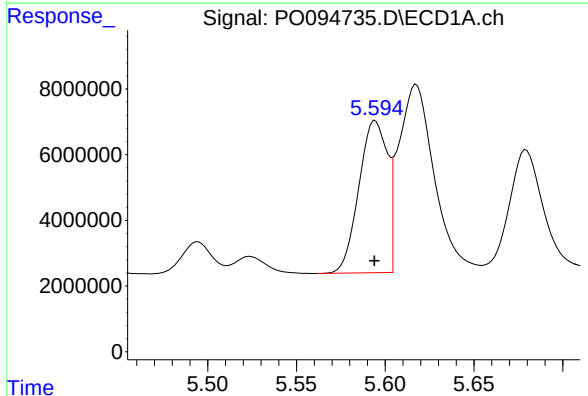
R.T.: 5.871 min
Delta R.T.: 0.002 min
Response: 38538641
Conc: 1168.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



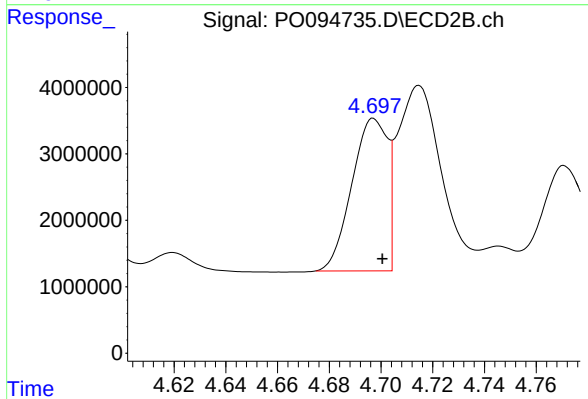
#15 AR-1232-5

R.T.: 5.146 min
Delta R.T.: -0.002 min
Response: 19703634
Conc: 1155.95 ng/ml



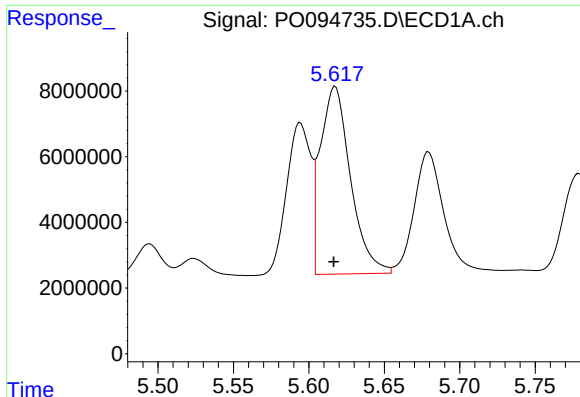
#16 AR-1242-1

R.T.: 5.594 min
Delta R.T.: 0.000 min
Response: 51748825
Conc: 619.47 ng/ml



#16 AR-1242-1

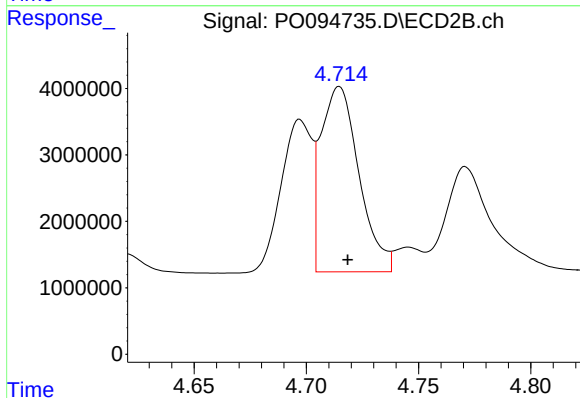
R.T.: 4.697 min
Delta R.T.: -0.003 min
Response: 21871491
Conc: 660.41 ng/ml



#17 AR-1242-2

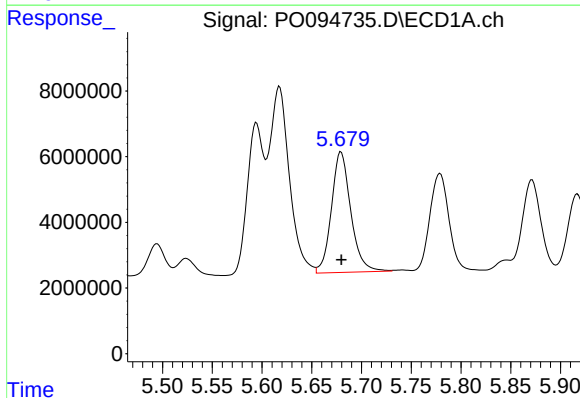
R.T.: 5.618 min
Delta R.T.: 0.001 min
Response: 79639570
Conc: 633.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



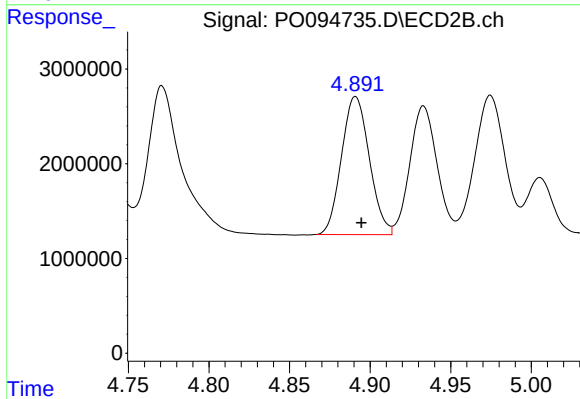
#17 AR-1242-2

R.T.: 4.715 min
Delta R.T.: -0.004 min
Response: 32905723
Conc: 667.54 ng/ml



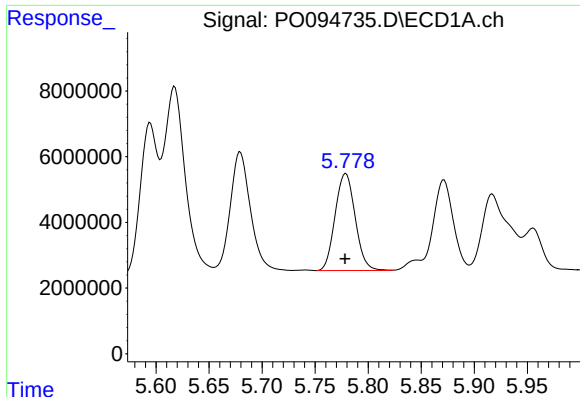
#18 AR-1242-3

R.T.: 5.679 min
Delta R.T.: 0.000 min
Response: 49769791
Conc: 611.16 ng/ml



#18 AR-1242-3

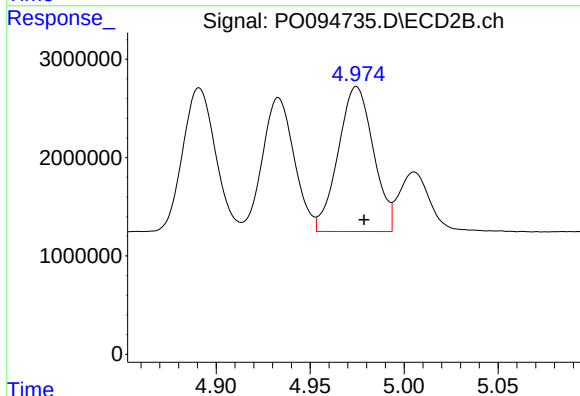
R.T.: 4.891 min
Delta R.T.: -0.004 min
Response: 17542004
Conc: 674.20 ng/ml



#19 AR-1242-4

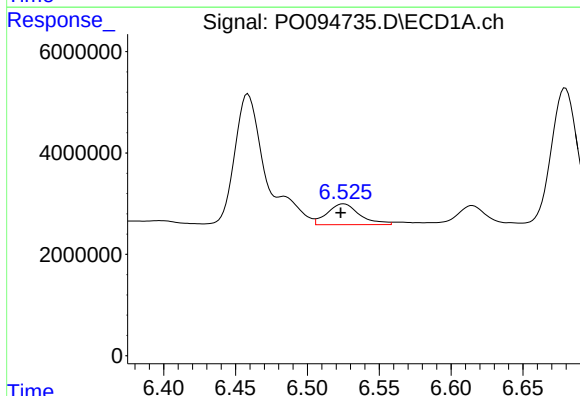
R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 38905296
Conc: 633.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



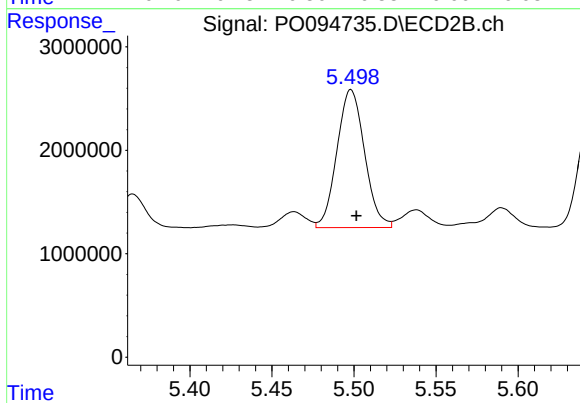
#19 AR-1242-4

R.T.: 4.975 min
Delta R.T.: -0.004 min
Response: 19235207
Conc: 649.82 ng/ml



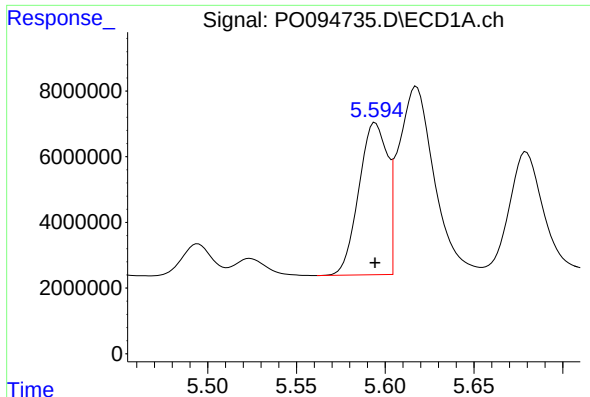
#20 AR-1242-5

R.T.: 6.525 min
Delta R.T.: 0.002 min
Response: 6456946
Conc: 100.34 ng/ml



#20 AR-1242-5

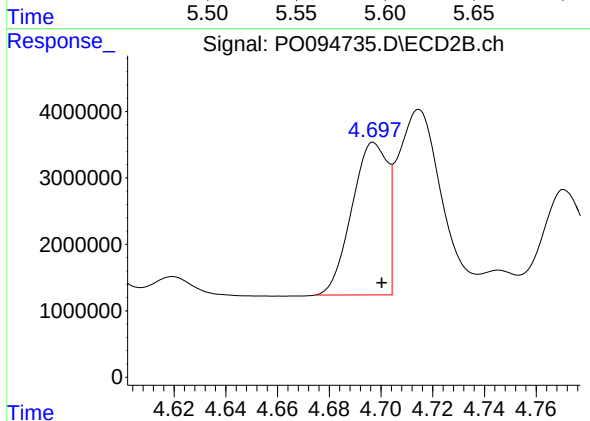
R.T.: 5.498 min
Delta R.T.: -0.003 min
Response: 15621660
Conc: 494.43 ng/ml



#21 AR-1248-1

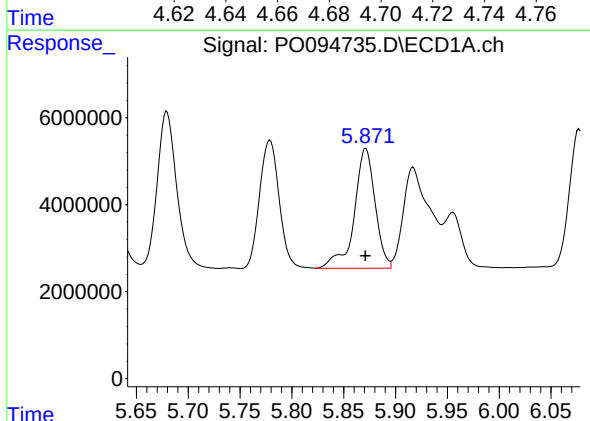
R.T.: 5.594 min
Delta R.T.: 0.000 min
Response: 51748825
Conc: 828.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



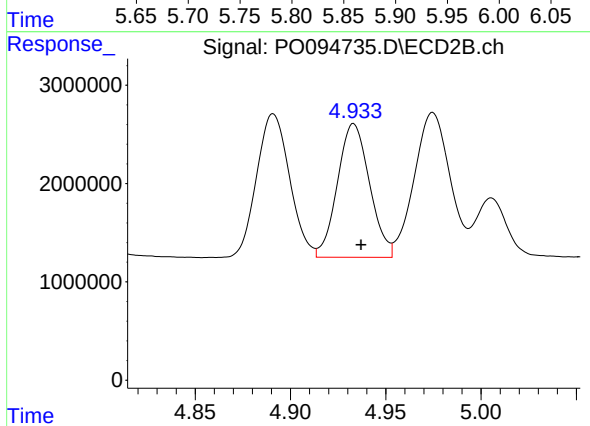
#21 AR-1248-1

R.T.: 4.697 min
Delta R.T.: -0.003 min
Response: 21871491
Conc: 857.56 ng/ml



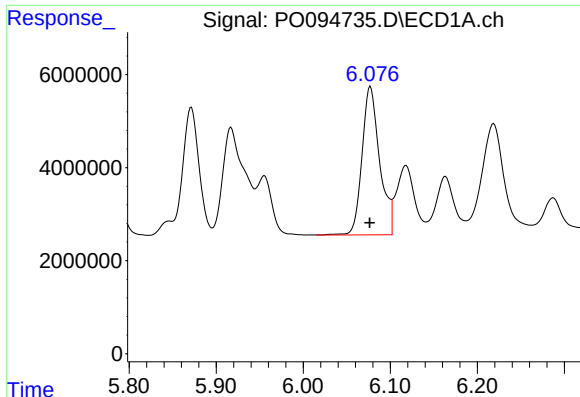
#22 AR-1248-2

R.T.: 5.871 min
Delta R.T.: 0.000 min
Response: 38538641
Conc: 368.32 ng/ml



#22 AR-1248-2

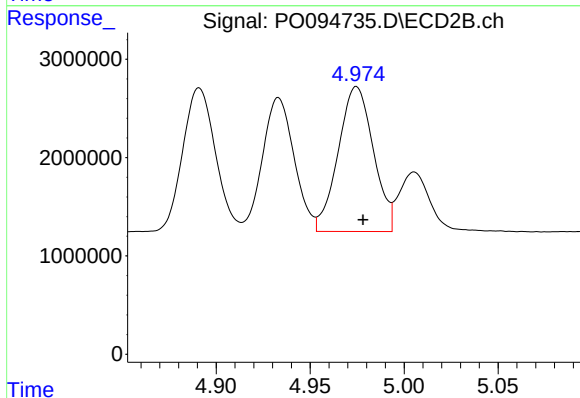
R.T.: 4.933 min
Delta R.T.: -0.004 min
Response: 15955147
Conc: 385.25 ng/ml



#23 AR-1248-3

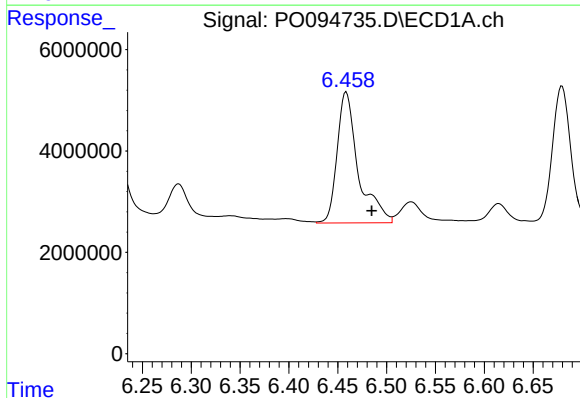
R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 44764158
Conc: 404.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



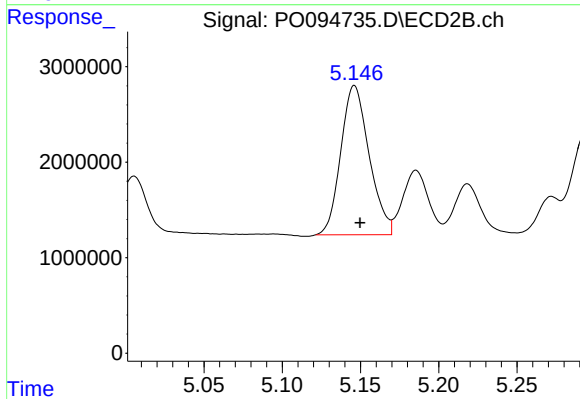
#23 AR-1248-3

R.T.: 4.975 min
Delta R.T.: -0.003 min
Response: 19235207
Conc: 448.35 ng/ml



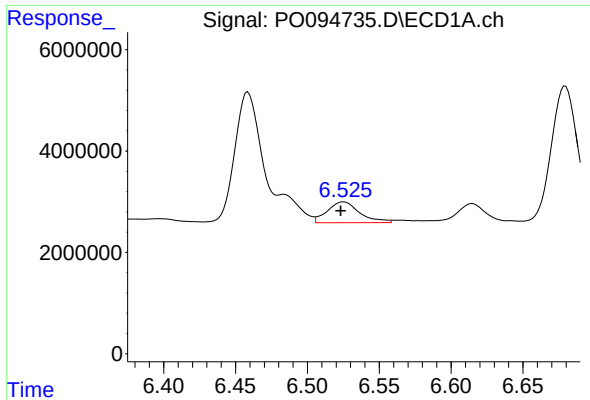
#24 AR-1248-4

R.T.: 6.459 min
Delta R.T.: -0.026 min
Response: 38983672
Conc: 378.63 ng/ml



#24 AR-1248-4

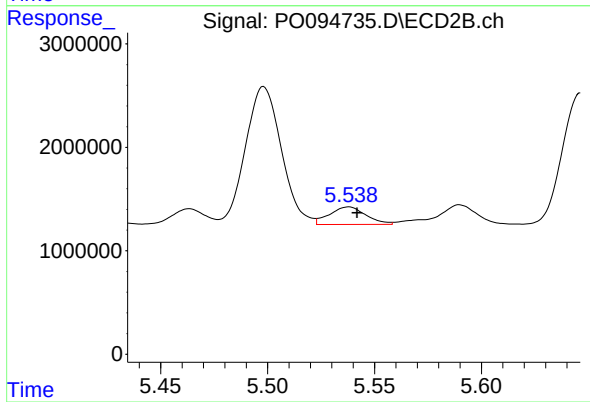
R.T.: 5.146 min
Delta R.T.: -0.004 min
Response: 19703634
Conc: 401.99 ng/ml



#25 AR-1248-5

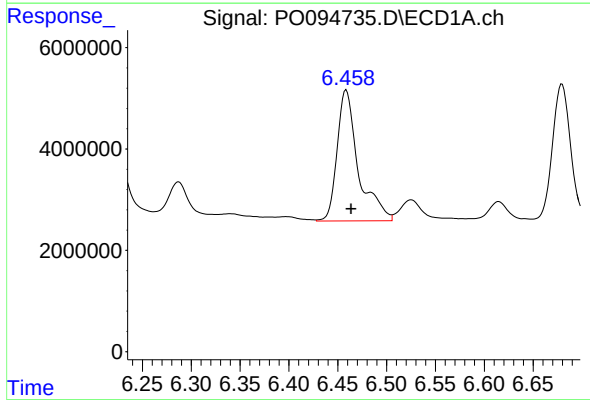
R.T.: 6.525 min
Delta R.T.: 0.002 min
Response: 6456946
Conc: 59.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



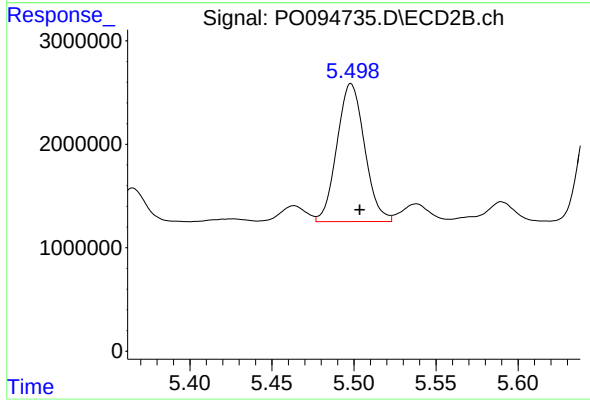
#25 AR-1248-5

R.T.: 5.538 min
Delta R.T.: -0.004 min
Response: 2012806
Conc: 50.59 ng/ml



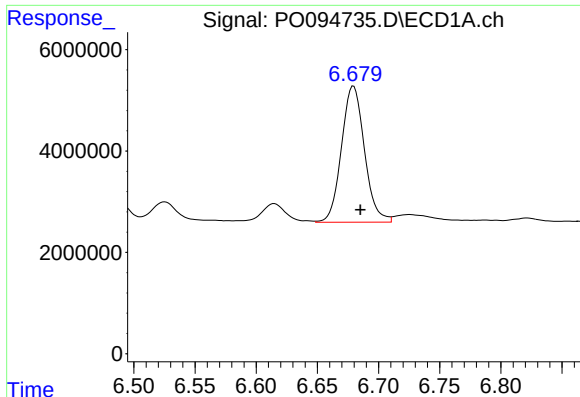
#26 AR-1254-1

R.T.: 6.459 min
Delta R.T.: -0.005 min
Response: 38983672
Conc: 307.69 ng/ml



#26 AR-1254-1

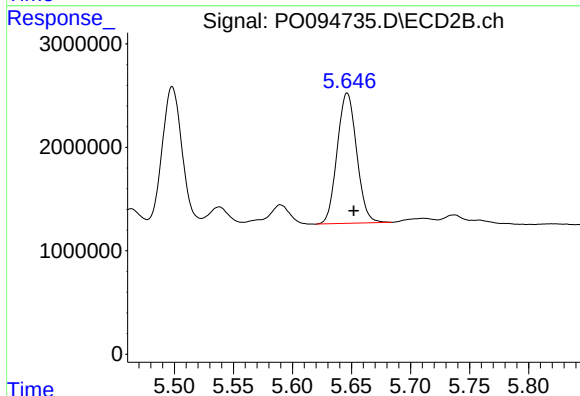
R.T.: 5.498 min
Delta R.T.: -0.005 min
Response: 15621660
Conc: 215.50 ng/ml



#27 AR-1254-2

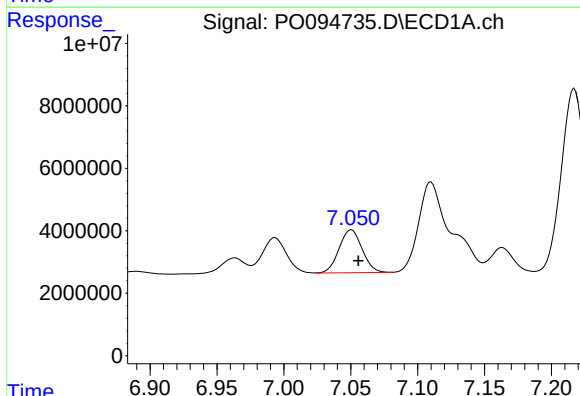
R.T.: 6.680 min
Delta R.T.: -0.006 min
Response: 35127082
Conc: 183.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



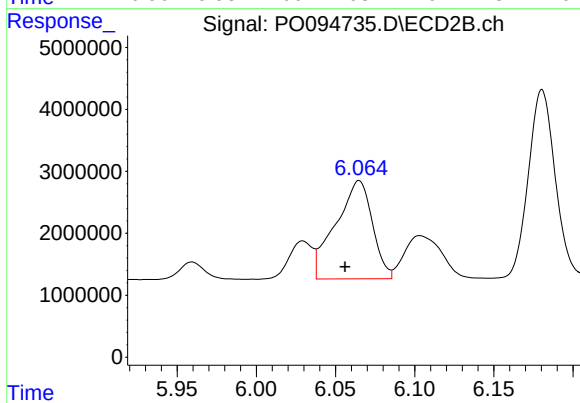
#27 AR-1254-2

R.T.: 5.646 min
Delta R.T.: -0.006 min
Response: 14474265
Conc: 221.83 ng/ml



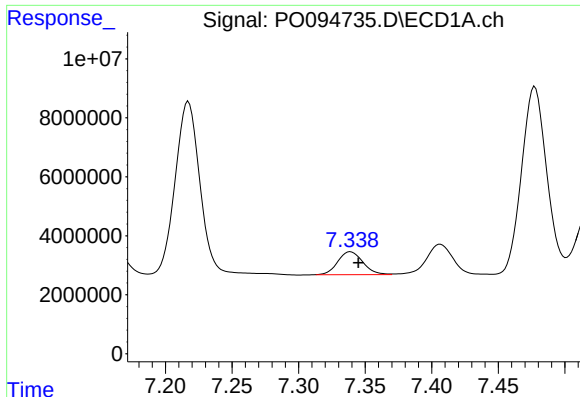
#28 AR-1254-3

R.T.: 7.051 min
Delta R.T.: -0.005 min
Response: 16513965
Conc: 87.55 ng/ml



#28 AR-1254-3

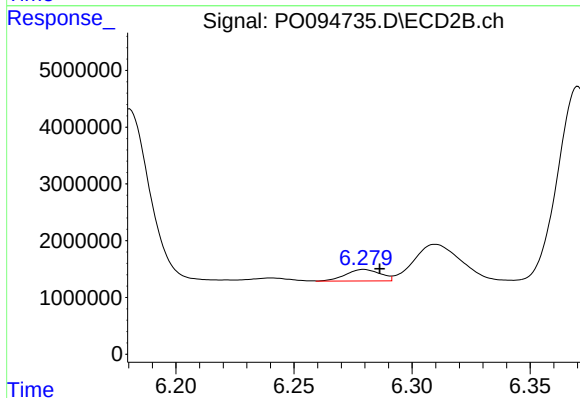
R.T.: 6.065 min
Delta R.T.: 0.009 min
Response: 25590196
Conc: 257.71 ng/ml



#29 AR-1254-4

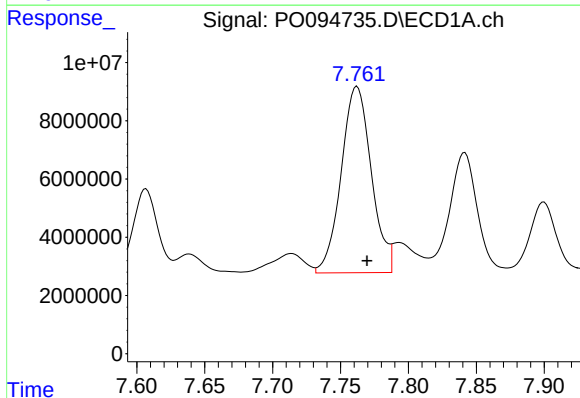
R.T.: 7.339 min
Delta R.T.: -0.006 min
Response: 10165844
Conc: 89.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



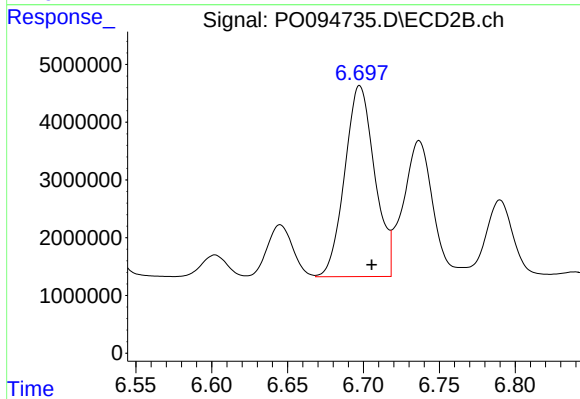
#29 AR-1254-4

R.T.: 6.280 min
Delta R.T.: -0.007 min
Response: 2082658
Conc: 42.19 ng/ml



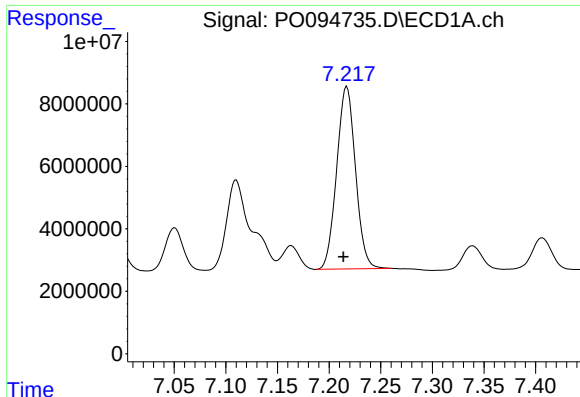
#30 AR-1254-5

R.T.: 7.762 min
Delta R.T.: -0.007 min
Response: 98806066
Conc: 705.52 ng/ml



#30 AR-1254-5

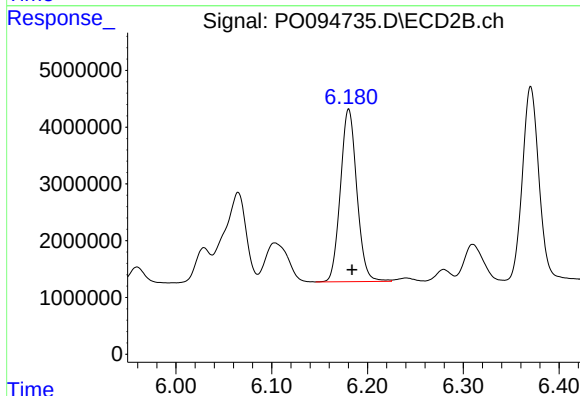
R.T.: 6.698 min
Delta R.T.: -0.008 min
Response: 45443305
Conc: 540.15 ng/ml



#31 AR-1260-1

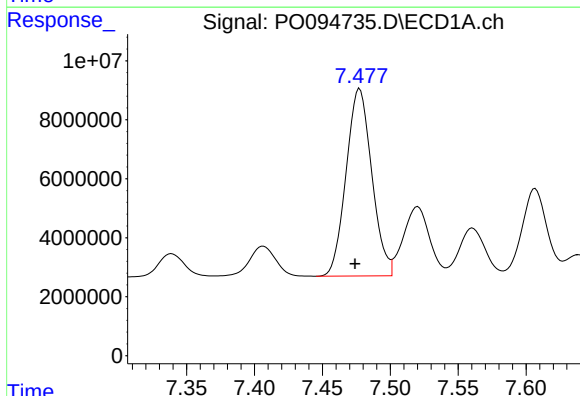
R.T.: 7.217 min
Delta R.T.: 0.003 min
Response: 74119191
Conc: 499.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



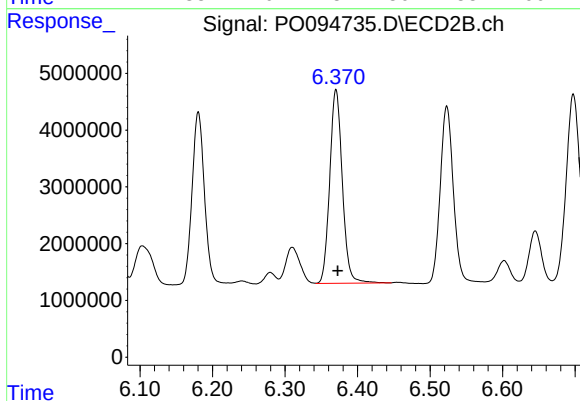
#31 AR-1260-1

R.T.: 6.180 min
Delta R.T.: -0.003 min
Response: 36164447
Conc: 513.70 ng/ml



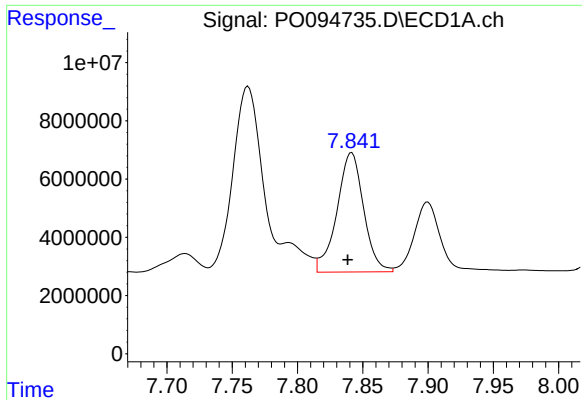
#32 AR-1260-2

R.T.: 7.477 min
Delta R.T.: 0.003 min
Response: 83534316
Conc: 515.12 ng/ml



#32 AR-1260-2

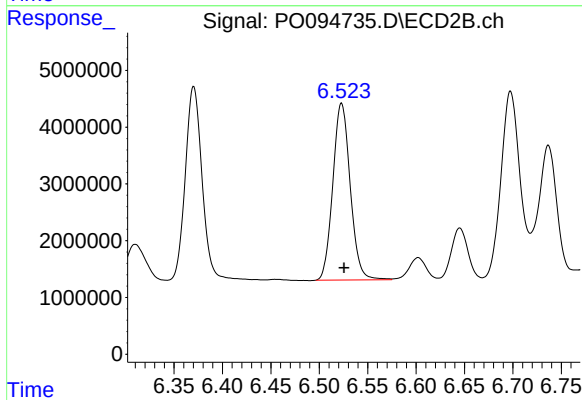
R.T.: 6.370 min
Delta R.T.: -0.002 min
Response: 41230998
Conc: 515.75 ng/ml



#33 AR-1260-3

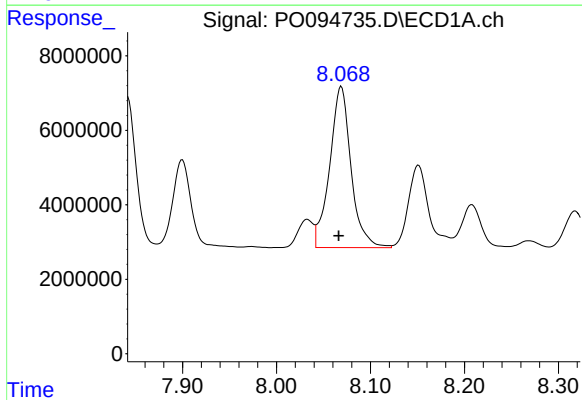
R.T.: 7.842 min
Delta R.T.: 0.003 min
Response: 58505132
Conc: 447.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



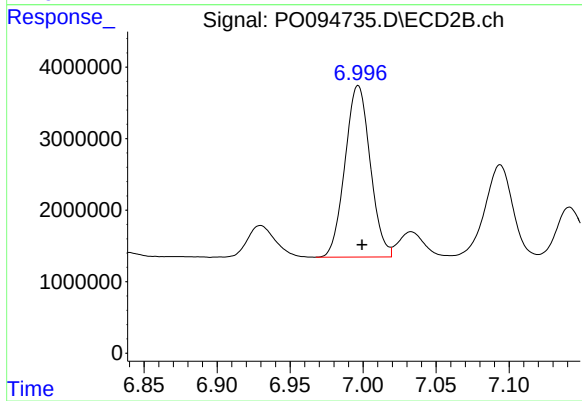
#33 AR-1260-3

R.T.: 6.523 min
Delta R.T.: -0.003 min
Response: 38968631
Conc: 518.18 ng/ml



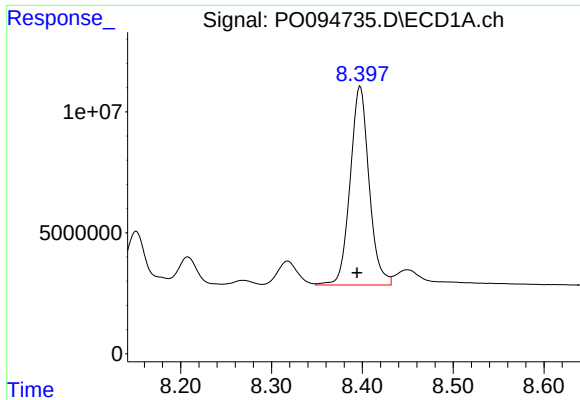
#34 AR-1260-4

R.T.: 8.069 min
Delta R.T.: 0.003 min
Response: 68361003
Conc: 488.88 ng/ml



#34 AR-1260-4

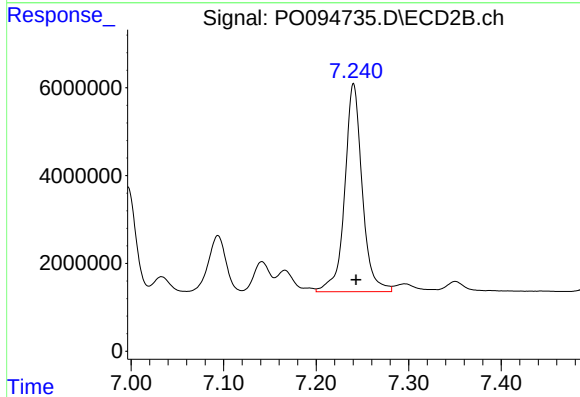
R.T.: 6.997 min
Delta R.T.: -0.003 min
Response: 28846259
Conc: 460.81 ng/ml



#35 AR-1260-5

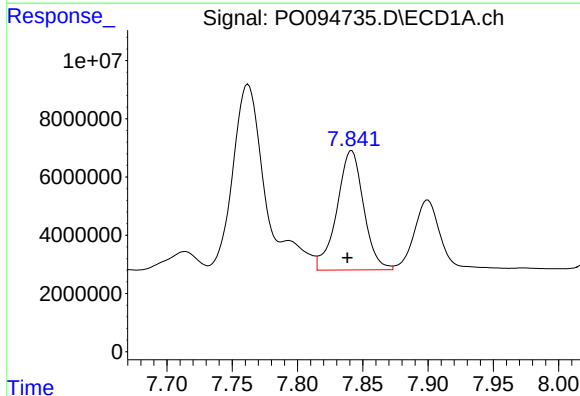
R.T.: 8.398 min
Delta R.T.: 0.004 min
Response: 119108577
Conc: 486.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



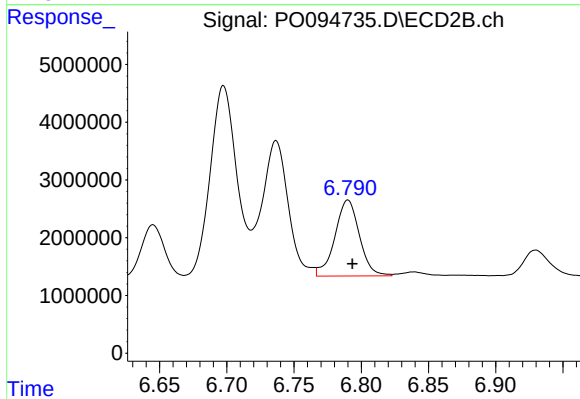
#35 AR-1260-5

R.T.: 7.240 min
Delta R.T.: -0.003 min
Response: 62245393
Conc: 493.86 ng/ml



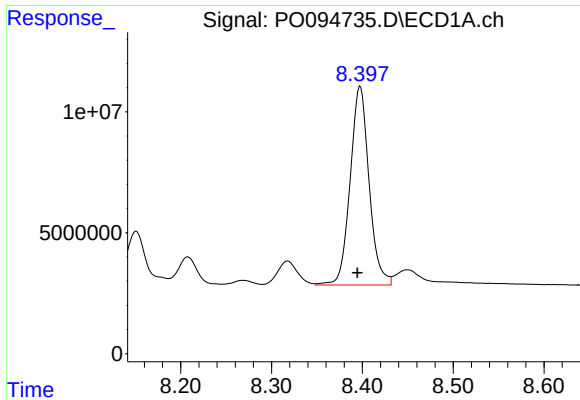
#36 AR-1262-1

R.T.: 7.842 min
Delta R.T.: 0.003 min
Response: 58505132
Conc: 348.34 ng/ml



#36 AR-1262-1

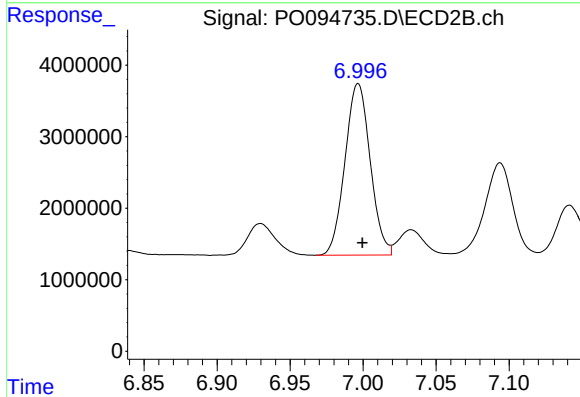
R.T.: 6.790 min
Delta R.T.: -0.003 min
Response: 16668579
Conc: 444.74 ng/ml



#37 AR-1262-2

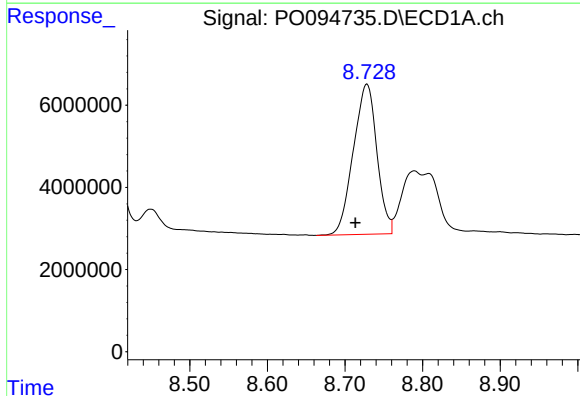
R.T.: 8.398 min
Delta R.T.: 0.003 min
Response: 119108577
Conc: 473.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



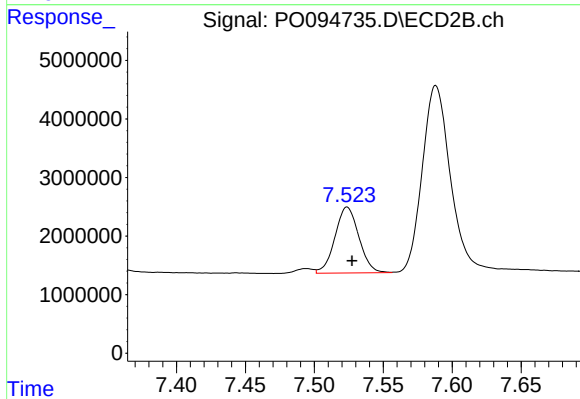
#37 AR-1262-2

R.T.: 6.997 min
Delta R.T.: -0.003 min
Response: 28846259
Conc: 386.64 ng/ml



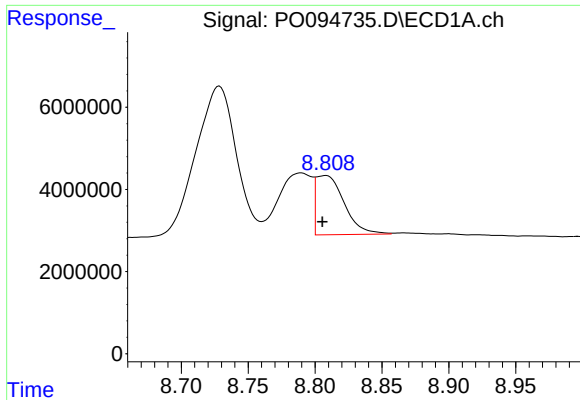
#38 AR-1262-3

R.T.: 8.728 min
Delta R.T.: 0.015 min
Response: 77028863
Conc: 426.51 ng/ml



#38 AR-1262-3

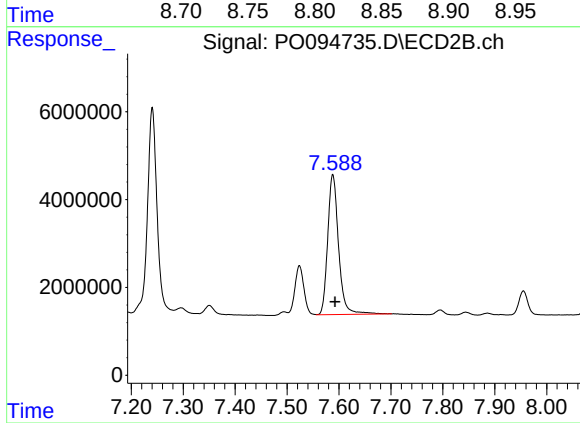
R.T.: 7.524 min
Delta R.T.: -0.004 min
Response: 13590095
Conc: 233.63 ng/ml



#39 AR-1262-4

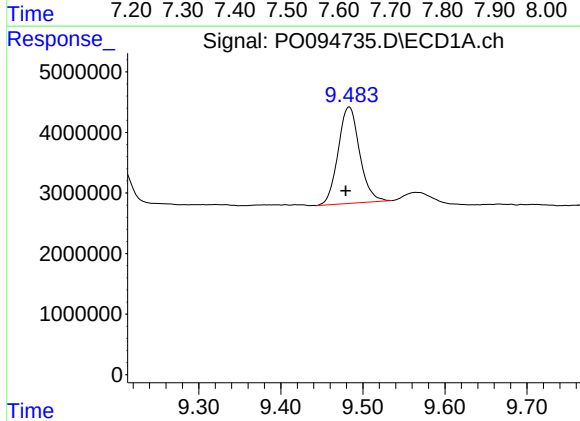
R.T.: 8.808 min
Delta R.T.: 0.003 min
Response: 21106802
Conc: 227.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



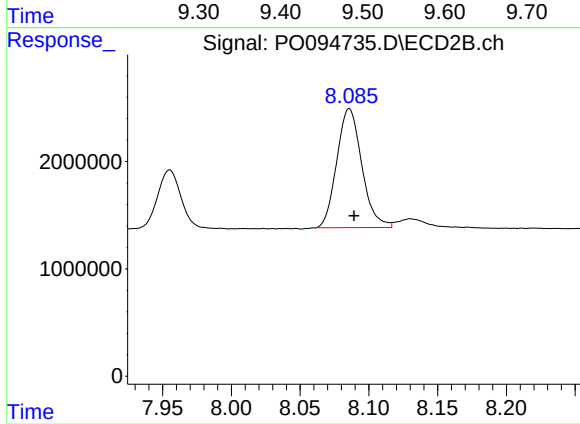
#39 AR-1262-4

R.T.: 7.588 min
Delta R.T.: -0.004 min
Response: 46364934
Conc: 457.77 ng/ml



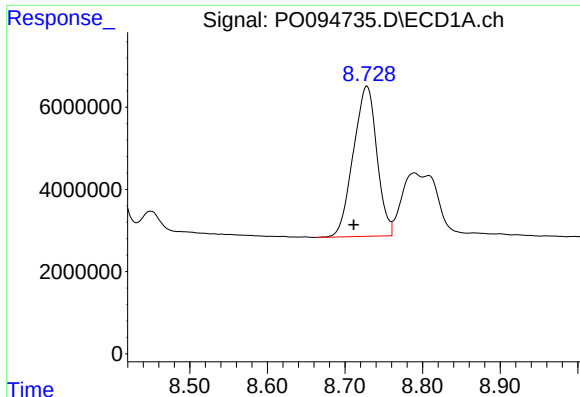
#40 AR-1262-5

R.T.: 9.483 min
Delta R.T.: 0.004 min
Response: 28943998
Conc: 337.95 ng/ml



#40 AR-1262-5

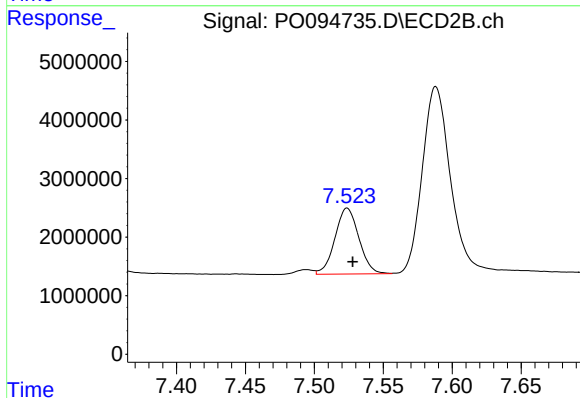
R.T.: 8.086 min
Delta R.T.: -0.004 min
Response: 14044098
Conc: 322.68 ng/ml



#41 AR-1268-1

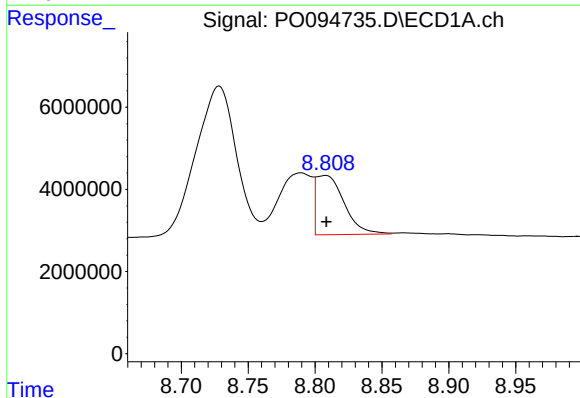
R.T.: 8.728 min
Delta R.T.: 0.017 min
Response: 77028863
Conc: 227.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



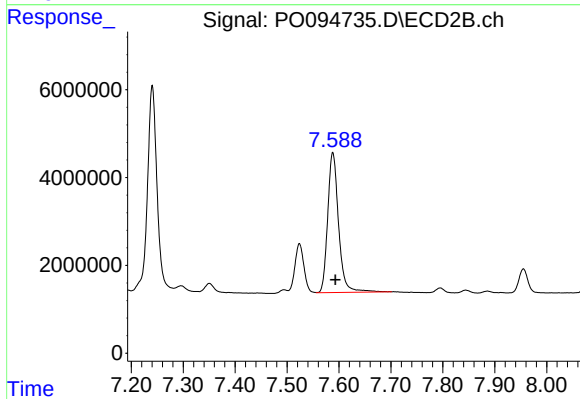
#41 AR-1268-1

R.T.: 7.524 min
Delta R.T.: -0.004 min
Response: 13590095
Conc: 80.44 ng/ml



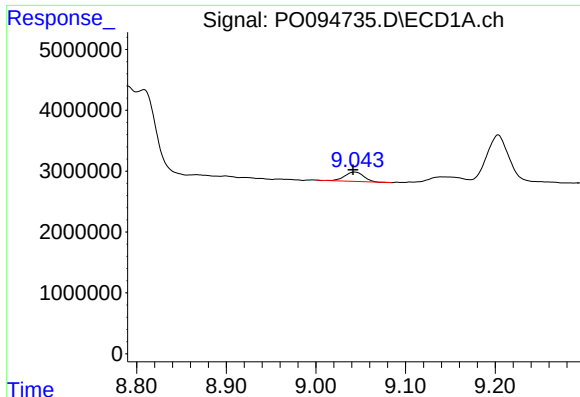
#42 AR-1268-2

R.T.: 8.808 min
Delta R.T.: 0.000 min
Response: 21106802
Conc: 69.55 ng/ml



#42 AR-1268-2

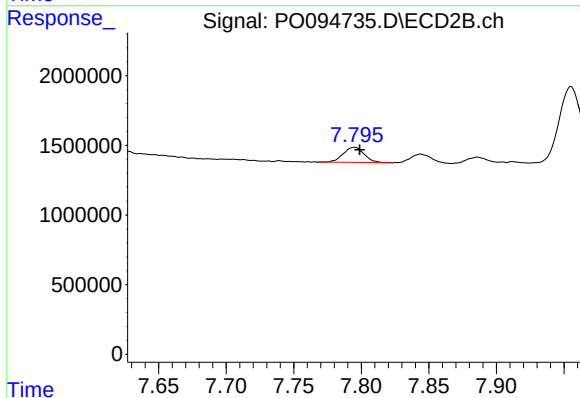
R.T.: 7.588 min
Delta R.T.: -0.005 min
Response: 46364934
Conc: 302.57 ng/ml



#43 AR-1268-3

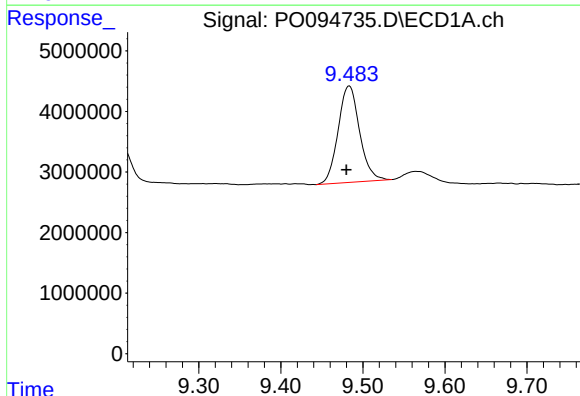
R.T.: 9.044 min
Delta R.T.: 0.002 min
Response: 2234682
Conc: 8.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



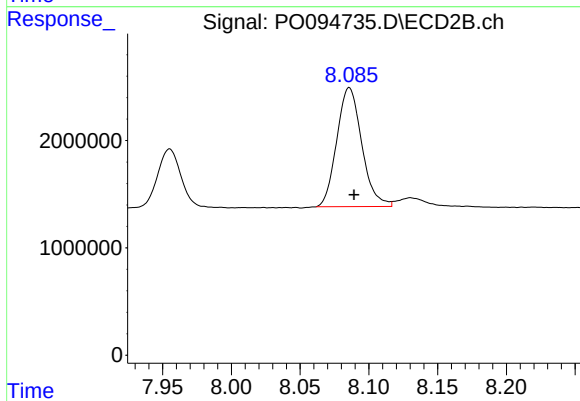
#43 AR-1268-3

R.T.: 7.795 min
Delta R.T.: -0.004 min
Response: 1170955
Conc: 8.61 ng/ml



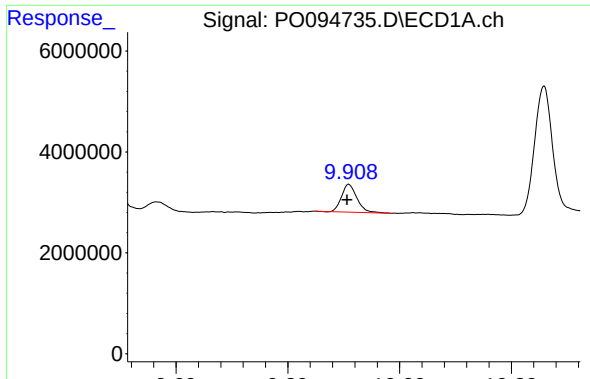
#44 AR-1268-4

R.T.: 9.483 min
Delta R.T.: 0.004 min
Response: 28943998
Conc: 308.31 ng/ml



#44 AR-1268-4

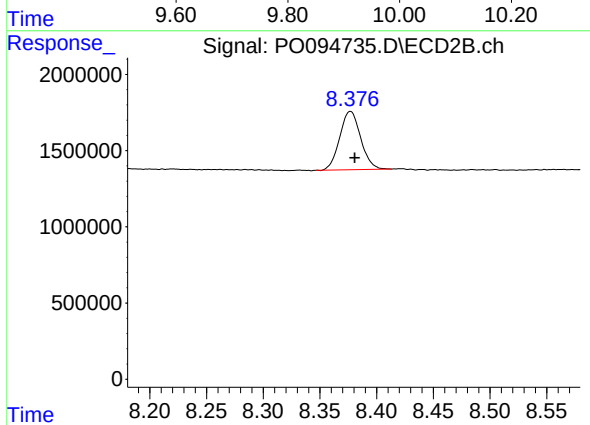
R.T.: 8.086 min
Delta R.T.: -0.003 min
Response: 14044098
Conc: 281.12 ng/ml



#45 AR-1268-5

R.T.: 9.909 min
Delta R.T.: 0.003 min
Response: 10574909
Conc: 12.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.377 min
Delta R.T.: -0.004 min
Response: 4922053
Conc: 12.57 ng/ml