

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121522\
 Data File : PO091391.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Dec 2022 13:24
 Operator : YP/AJ
 Sample : PB149661BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 15 21:02:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Nov 28 11:25:59 2022
 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...	4.311	3.472	68181027	20898397	20.165	19.912
2)	SA Decachlor...	10.056	8.471	59590088	23915880	22.434	24.633
Target Compounds							
3)	L1 AR-1016-1	5.488	4.556	49030599	16274248	435.700	441.611
4)	L1 AR-1016-2	5.488	4.574	49030599	22719290	301.581	440.901 #
5)	L1 AR-1016-3	5.572	4.750	43470214	12276892	416.942	451.100
6)	L1 AR-1016-4	5.671	4.793	34762405	10541949	428.994	456.056
7)	L1 AR-1016-5	5.968	5.006	35061912	13070475	399.819	443.117
8)	L2 AR-1221-1	4.517	3.684	6233773	1603927	152.591	121.690
9)	L2 AR-1221-2	4.609	3.770	6550989	2258358	215.979	227.136
10)	L2 AR-1221-3	4.685	3.846	26657647	9064203	289.755	291.852
11)	L3 AR-1232-1	4.685	3.846	26657647	9064203	370.497	379.366
12)	L3 AR-1232-2	5.218	4.574	36421277	22719290	840.686	940.716
13)	L3 AR-1232-3	5.488	4.750	49030599	12276892	656.183	969.770 #
14)	L3 AR-1232-4	5.671	4.835	34762405	12795928	927.582	1058.597
15)	L3 AR-1232-5	5.764	5.006	29961181	13070475	1001.925	966.381
16)	L4 AR-1242-1	5.488	4.556	49030599	16274248	549.318	560.473
17)	L4 AR-1242-2	5.488	4.574	49030599	22719290	386.163	563.612 #
18)	L4 AR-1242-3	5.572	4.750	43470214	12276892	521.473	587.054
19)	L4 AR-1242-4	5.671	4.835	34762405	12795928	547.217	560.385
20)	L4 AR-1242-5	6.414	5.359	5249130	10572422	76.819	374.707 #
21)	L5 AR-1248-1	5.488	4.556	49030599	16274248	688.312	691.762
22)	L5 AR-1248-2	5.764	4.793	29961181	10541949	282.628	321.991
23)	L5 AR-1248-3	5.968	4.835	35061912	12795928	297.939	377.018 #
24)	L5 AR-1248-4	6.374	5.006	5160320	13070475	42.198	327.562 #
25)	L5 AR-1248-5	6.414	5.399	5249130	1581012	45.765	44.107
26)	L6 AR-1254-1	6.348	5.359	27447614	10572422	218.547	180.396
27)	L6 AR-1254-2	6.568	5.508	29148927	10257792	154.589	192.201
28)	L6 AR-1254-3	6.937	5.928	15270597	17780877	81.470	218.246 #
29)	L6 AR-1254-4	7.224	6.142	10559988	1963424	76.444	40.129 #
30)	L6 AR-1254-5	7.645	6.561	86535997	34052055	564.014	456.802
31)	L7 AR-1260-1	7.103	6.043	62821443	24939801	409.508	430.723
32)	L7 AR-1260-2	7.363	6.234	72599602	29840895	415.941	436.999
33)	L7 AR-1260-3	7.724	6.386	48900220	27434143	430.180	418.247
34)	L7 AR-1260-4	7.949	6.860	59563959	20811332	439.558	435.748
35)	L7 AR-1260-5	8.266	7.104	104.0E6	47426778	409.351	436.259
36)	L8 AR-1262-1	7.724	6.600	48900220	21954490	267.638	292.093
37)	L8 AR-1262-2	8.266	7.104	104.0E6	47426778	336.127	372.561
38)	L8 AR-1262-3	8.585	7.388	68375703	9679953	317.136	183.689 #
39)	L8 AR-1262-4	8.661	7.451	14853052	35138701	149.216	369.973 #
40)	L8 AR-1262-5	9.311	7.949	27557444	11653726	238.737	255.520
41)	L9 AR-1268-1	8.585	7.388	68375703	9679953	185.684	64.894 #

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 Operator : YP/AJ
 Sample : PB149661BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

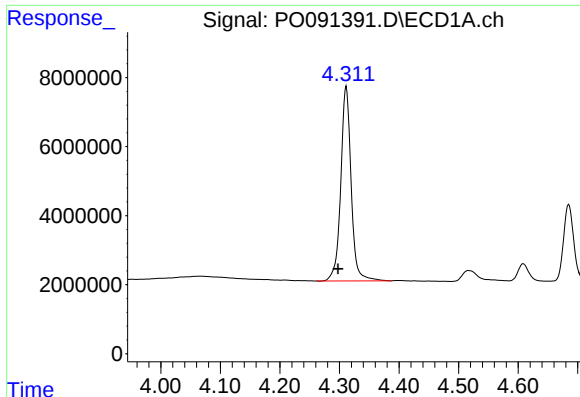
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 15 21:02:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Nov 28 11:25:59 2022
 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
42) L9	AR-1268-2	8.661	7.451	14853052	35138701	44.668	261.504 #
43) L9	AR-1268-3	8.891	7.659	2017740	884610	7.082	7.664
44) L9	AR-1268-4	9.311	7.949	27557444	11653726	223.240	236.222
45) L9	AR-1268-5	9.720	8.227	9053636	3903740	9.949	11.530

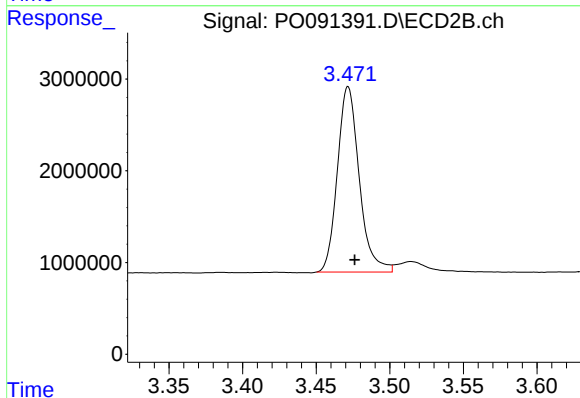
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

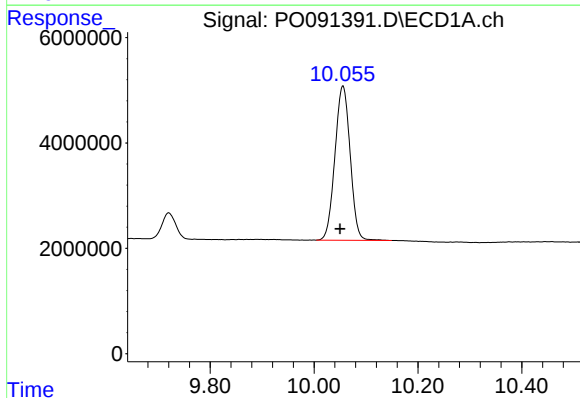
R.T.: 4.311 min
Delta R.T.: 0.013 min
Response: 68181027
Conc: 20.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



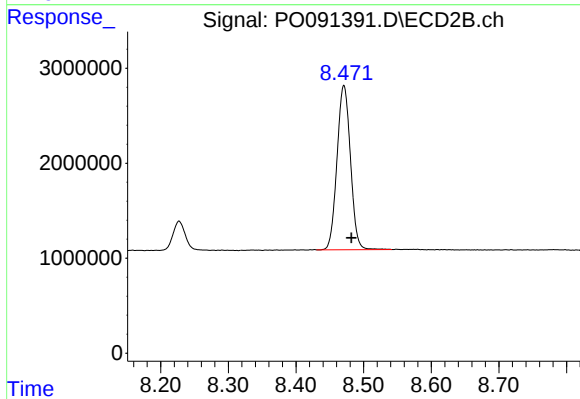
#1 Tetrachloro-m-xylene

R.T.: 3.472 min
Delta R.T.: -0.005 min
Response: 20898397
Conc: 19.91 ng/ml



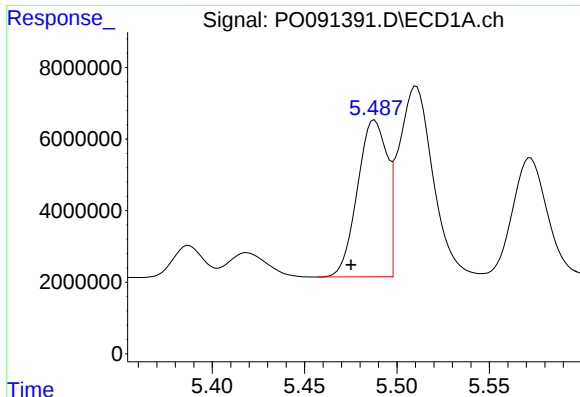
#2 Decachlorobiphenyl

R.T.: 10.056 min
Delta R.T.: 0.006 min
Response: 59590088
Conc: 22.43 ng/ml



#2 Decachlorobiphenyl

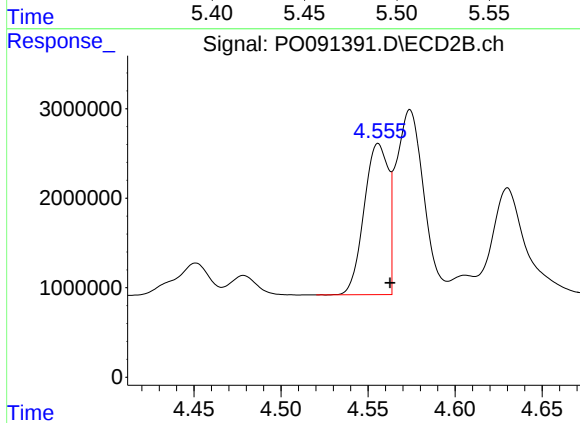
R.T.: 8.471 min
Delta R.T.: -0.011 min
Response: 23915880
Conc: 24.63 ng/ml



#3 AR-1016-1

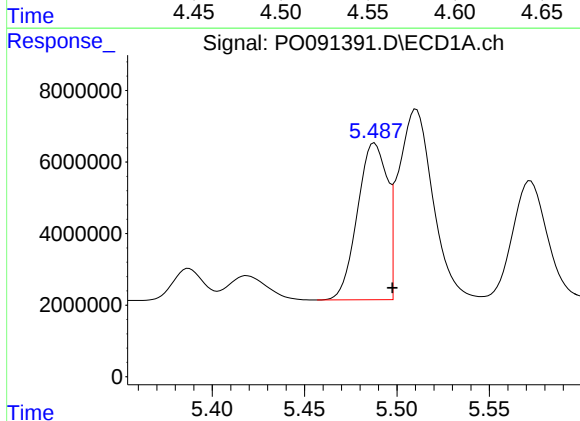
R.T.: 5.488 min
Delta R.T.: 0.013 min
Response: 49030599
Conc: 435.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



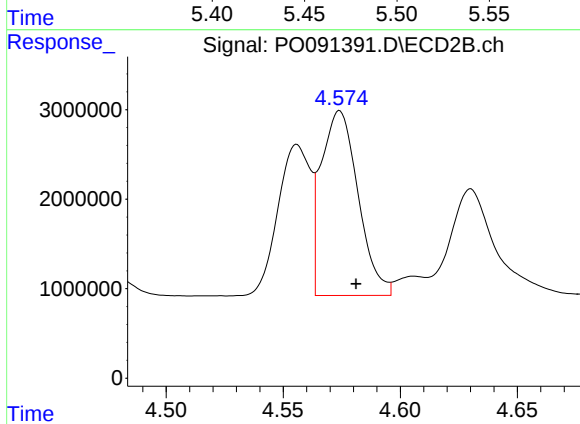
#3 AR-1016-1

R.T.: 4.556 min
Delta R.T.: -0.007 min
Response: 16274248
Conc: 441.61 ng/ml



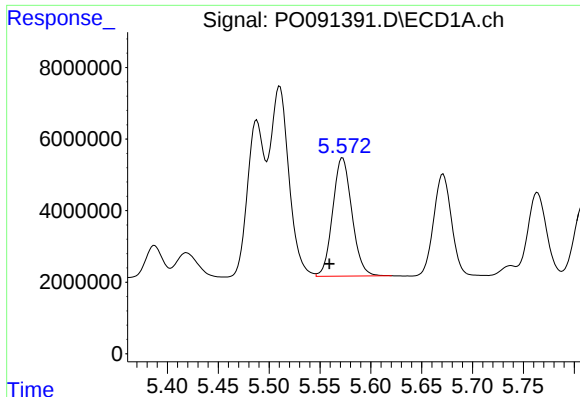
#4 AR-1016-2

R.T.: 5.488 min
Delta R.T.: -0.010 min
Response: 49030599
Conc: 301.58 ng/ml



#4 AR-1016-2

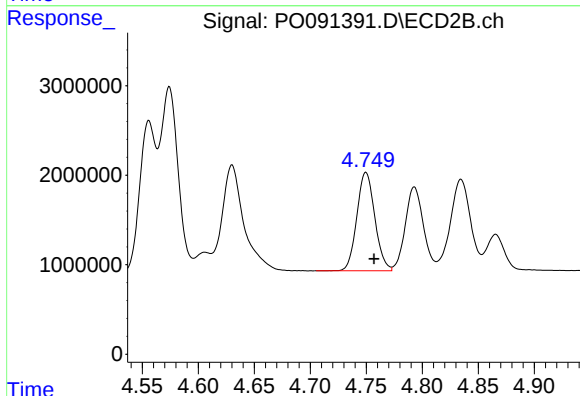
R.T.: 4.574 min
Delta R.T.: -0.007 min
Response: 22719290
Conc: 440.90 ng/ml



#5 AR-1016-3

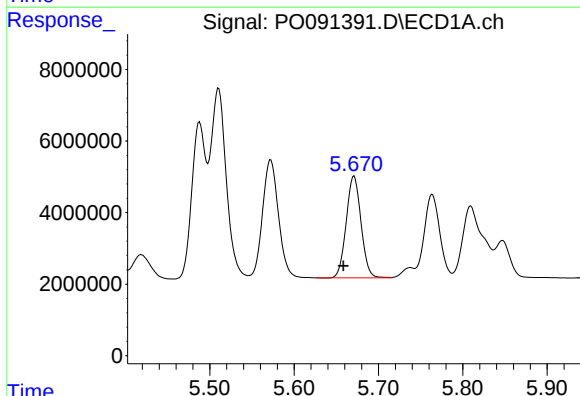
R.T.: 5.572 min
Delta R.T.: 0.013 min
Response: 43470214
Conc: 416.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



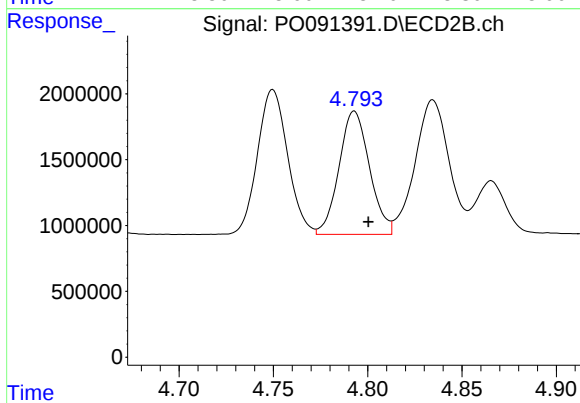
#5 AR-1016-3

R.T.: 4.750 min
Delta R.T.: -0.007 min
Response: 12276892
Conc: 451.10 ng/ml



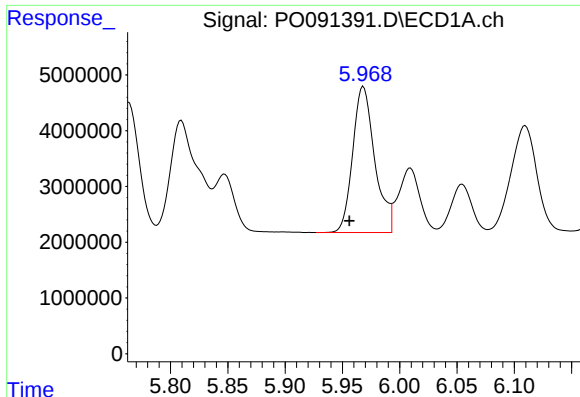
#6 AR-1016-4

R.T.: 5.671 min
Delta R.T.: 0.013 min
Response: 34762405
Conc: 428.99 ng/ml



#6 AR-1016-4

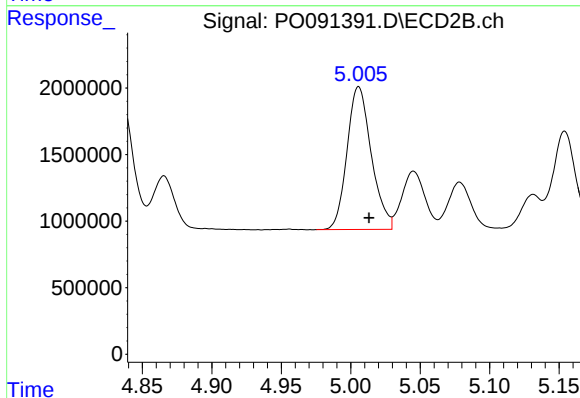
R.T.: 4.793 min
Delta R.T.: -0.007 min
Response: 10541949
Conc: 456.06 ng/ml



#7 AR-1016-5

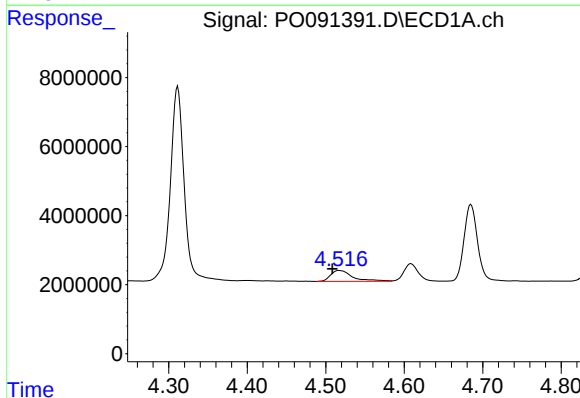
R.T.: 5.968 min
Delta R.T.: 0.012 min
Response: 35061912
Conc: 399.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



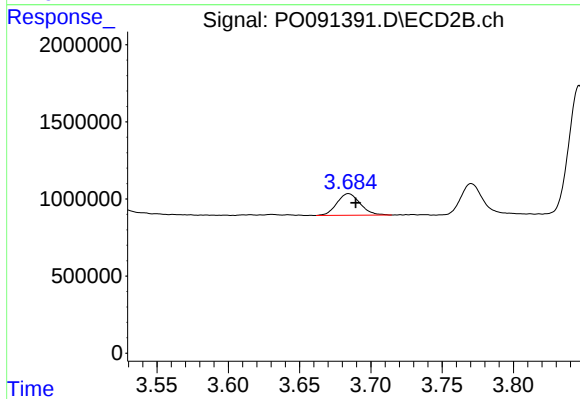
#7 AR-1016-5

R.T.: 5.006 min
Delta R.T.: -0.008 min
Response: 13070475
Conc: 443.12 ng/ml



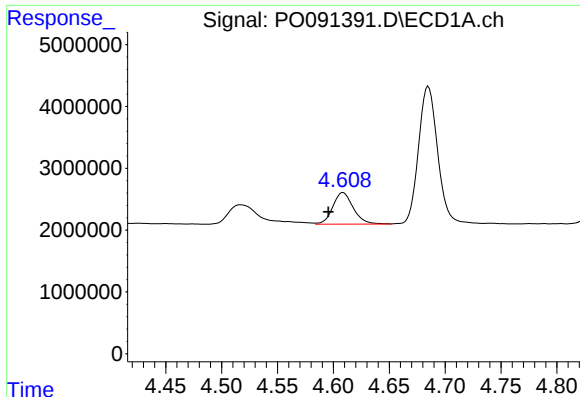
#8 AR-1221-1

R.T.: 4.517 min
Delta R.T.: 0.009 min
Response: 6233773
Conc: 152.59 ng/ml



#8 AR-1221-1

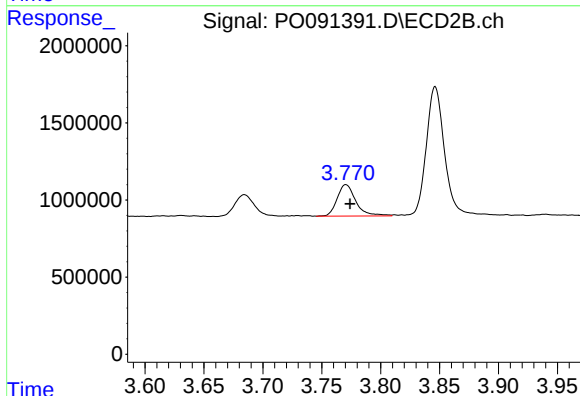
R.T.: 3.684 min
Delta R.T.: -0.005 min
Response: 1603927
Conc: 121.69 ng/ml



#9 AR-1221-2

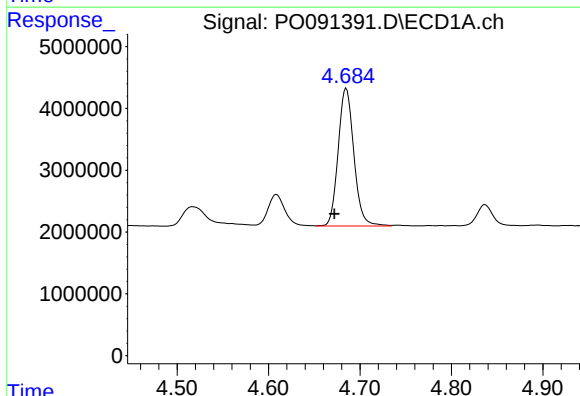
R.T.: 4.609 min
Delta R.T.: 0.013 min
Response: 6550989
Conc: 215.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



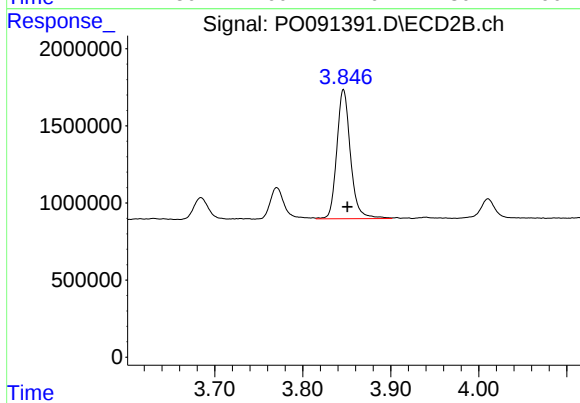
#9 AR-1221-2

R.T.: 3.770 min
Delta R.T.: -0.004 min
Response: 2258358
Conc: 227.14 ng/ml



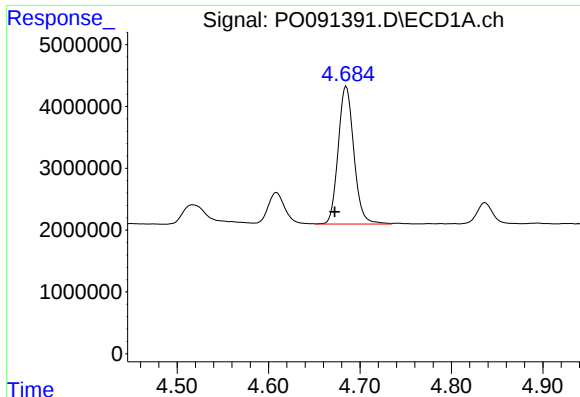
#10 AR-1221-3

R.T.: 4.685 min
Delta R.T.: 0.013 min
Response: 26657647
Conc: 289.76 ng/ml



#10 AR-1221-3

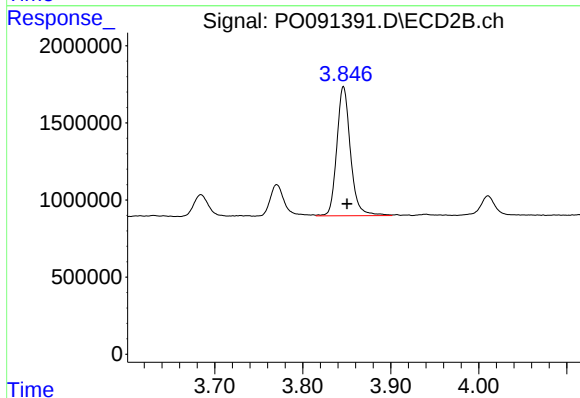
R.T.: 3.846 min
Delta R.T.: -0.004 min
Response: 9064203
Conc: 291.85 ng/ml



#11 AR-1232-1

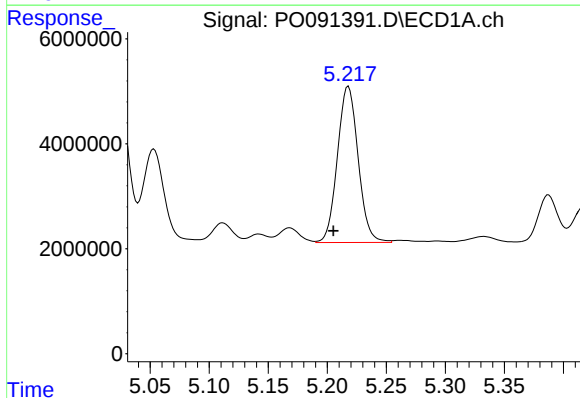
R.T.: 4.685 min
Delta R.T.: 0.013 min
Response: 26657647
Conc: 370.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



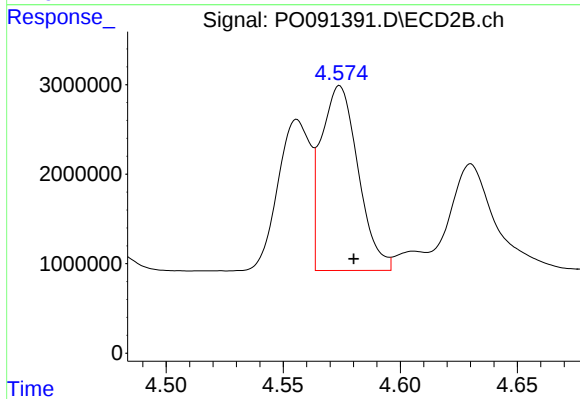
#11 AR-1232-1

R.T.: 3.846 min
Delta R.T.: -0.004 min
Response: 9064203
Conc: 379.37 ng/ml



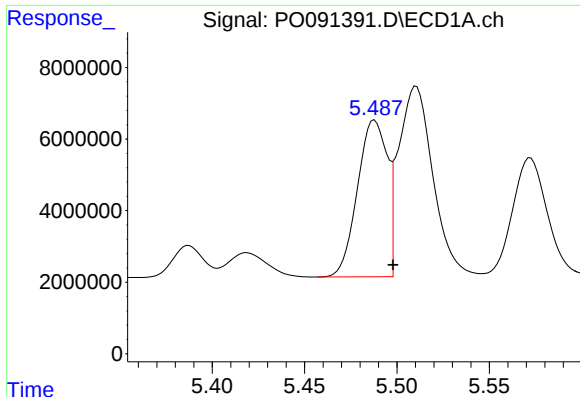
#12 AR-1232-2

R.T.: 5.218 min
Delta R.T.: 0.013 min
Response: 36421277
Conc: 840.69 ng/ml



#12 AR-1232-2

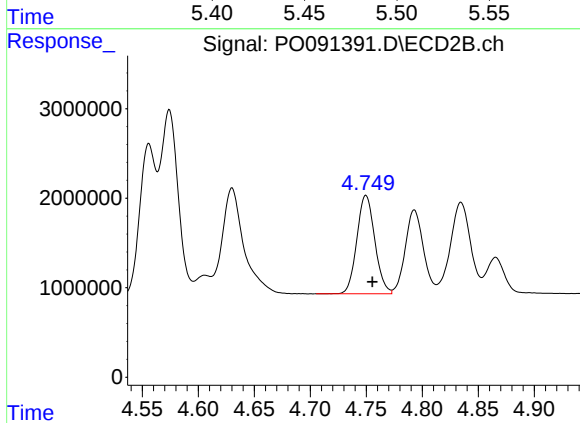
R.T.: 4.574 min
Delta R.T.: -0.006 min
Response: 22719290
Conc: 940.72 ng/ml



#13 AR-1232-3

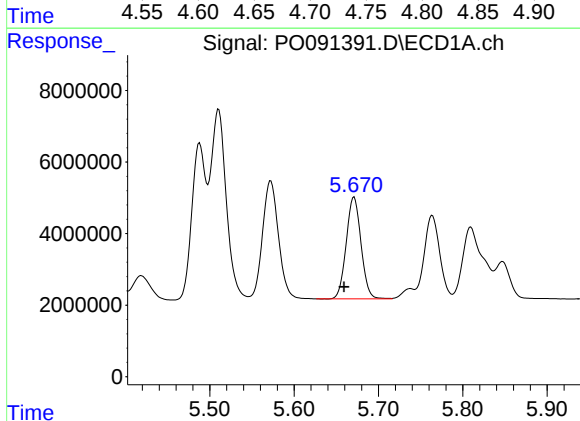
R.T.: 5.488 min
Delta R.T.: -0.010 min
Response: 49030599
Conc: 656.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



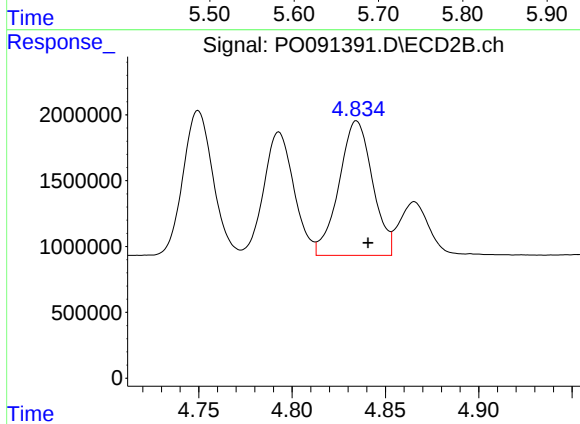
#13 AR-1232-3

R.T.: 4.750 min
Delta R.T.: -0.006 min
Response: 12276892
Conc: 969.77 ng/ml



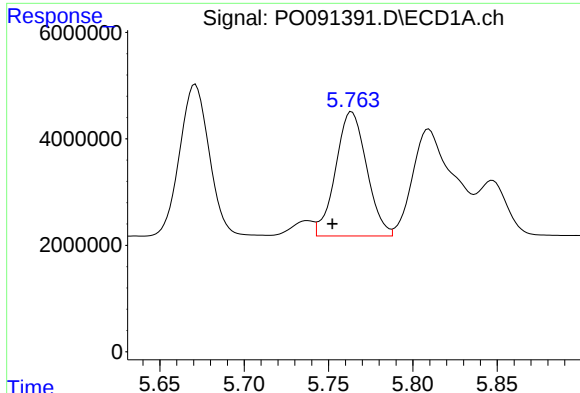
#14 AR-1232-4

R.T.: 5.671 min
Delta R.T.: 0.012 min
Response: 34762405
Conc: 927.58 ng/ml



#14 AR-1232-4

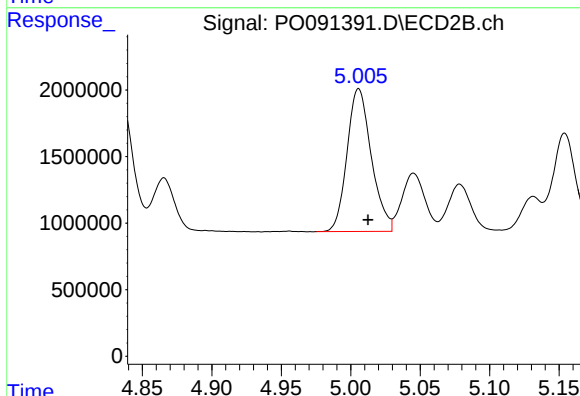
R.T.: 4.835 min
Delta R.T.: -0.006 min
Response: 12795928
Conc: 1058.60 ng/ml



#15 AR-1232-5

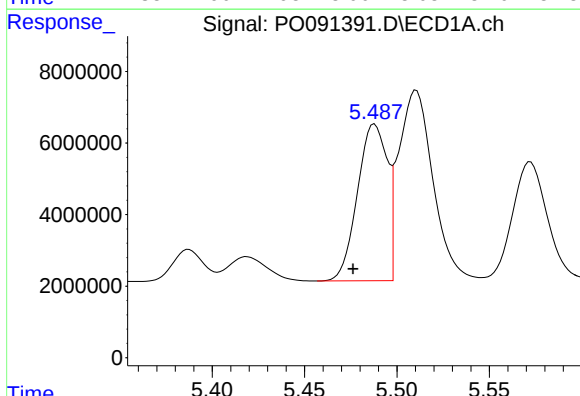
R.T.: 5.764 min
Delta R.T.: 0.011 min
Response: 29961181
Conc: 1001.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



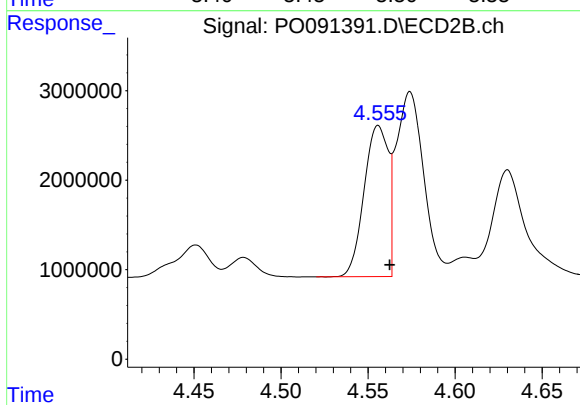
#15 AR-1232-5

R.T.: 5.006 min
Delta R.T.: -0.007 min
Response: 13070475
Conc: 966.38 ng/ml



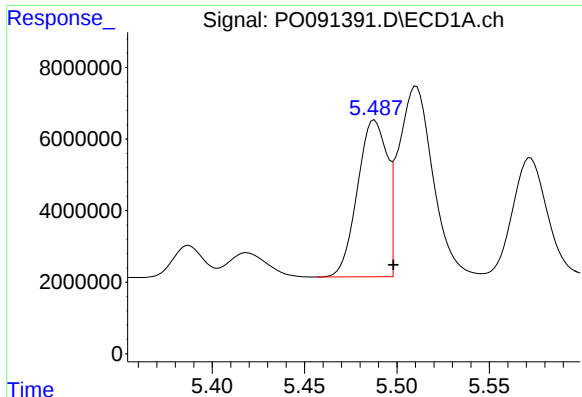
#16 AR-1242-1

R.T.: 5.488 min
Delta R.T.: 0.012 min
Response: 49030599
Conc: 549.32 ng/ml



#16 AR-1242-1

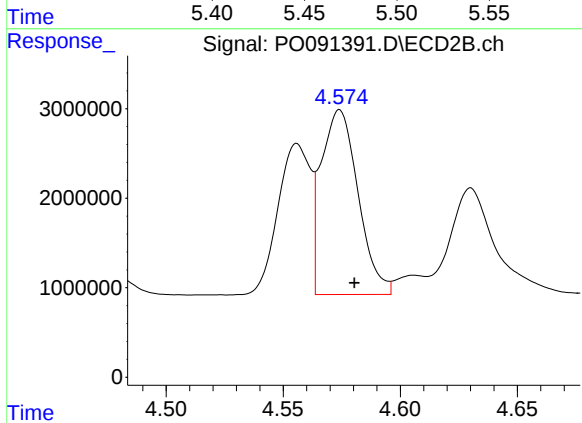
R.T.: 4.556 min
Delta R.T.: -0.007 min
Response: 16274248
Conc: 560.47 ng/ml



#17 AR-1242-2

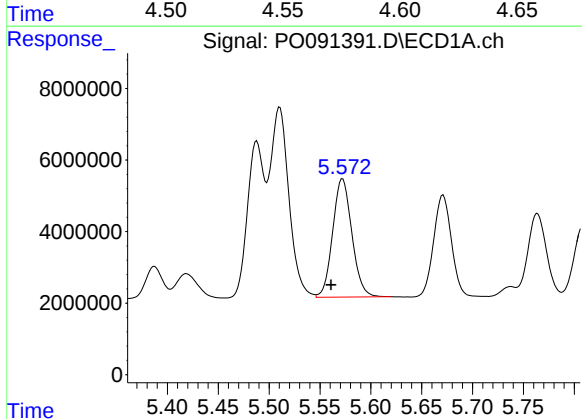
R.T.: 5.488 min
Delta R.T.: -0.010 min
Response: 49030599
Conc: 386.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



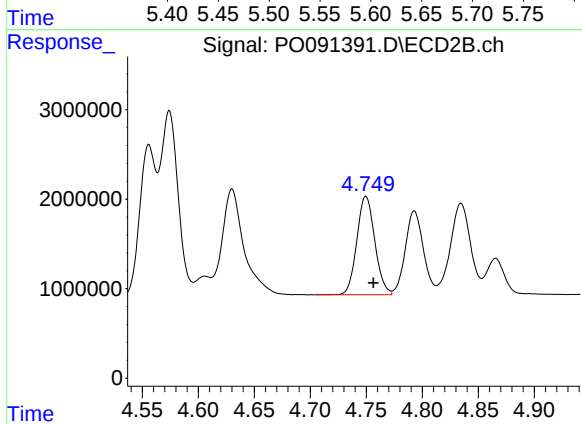
#17 AR-1242-2

R.T.: 4.574 min
Delta R.T.: -0.006 min
Response: 22719290
Conc: 563.61 ng/ml



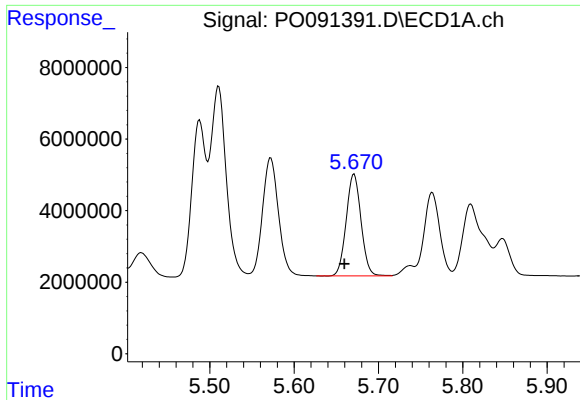
#18 AR-1242-3

R.T.: 5.572 min
Delta R.T.: 0.011 min
Response: 43470214
Conc: 521.47 ng/ml



#18 AR-1242-3

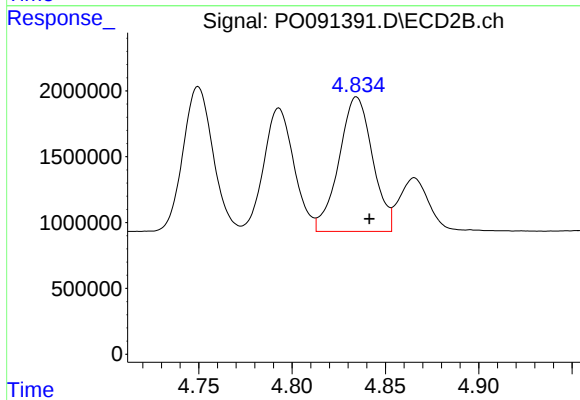
R.T.: 4.750 min
Delta R.T.: -0.007 min
Response: 12276892
Conc: 587.05 ng/ml



#19 AR-1242-4

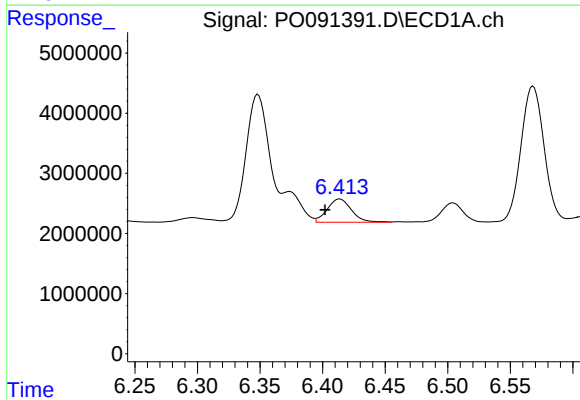
R.T.: 5.671 min
Delta R.T.: 0.012 min
Response: 34762405
Conc: 547.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



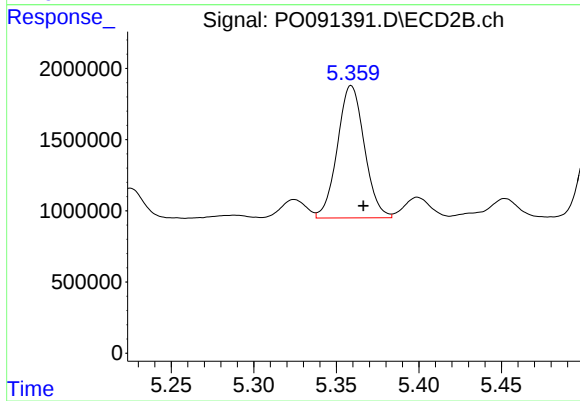
#19 AR-1242-4

R.T.: 4.835 min
Delta R.T.: -0.007 min
Response: 12795928
Conc: 560.38 ng/ml



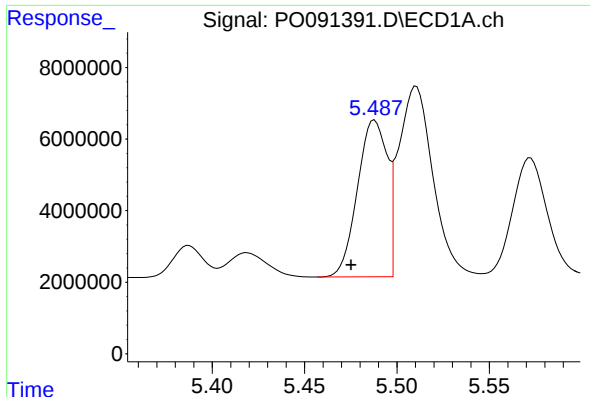
#20 AR-1242-5

R.T.: 6.414 min
Delta R.T.: 0.012 min
Response: 5249130
Conc: 76.82 ng/ml



#20 AR-1242-5

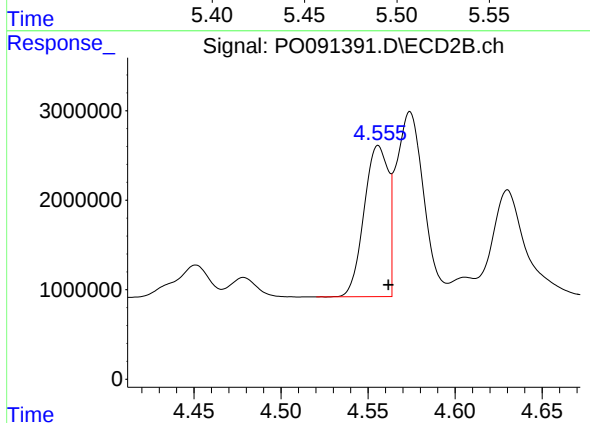
R.T.: 5.359 min
Delta R.T.: -0.007 min
Response: 10572422
Conc: 374.71 ng/ml



#21 AR-1248-1

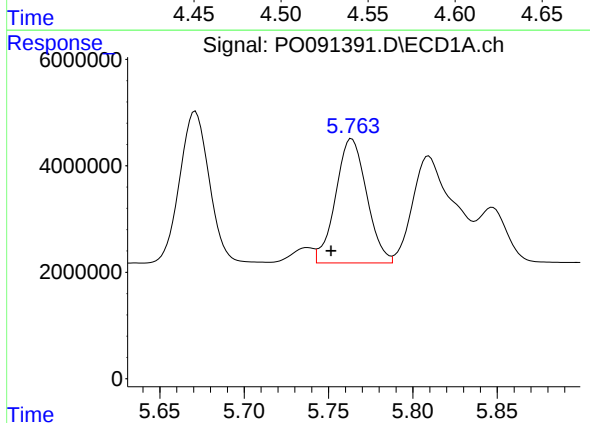
R.T.: 5.488 min
Delta R.T.: 0.013 min
Response: 49030599
Conc: 688.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



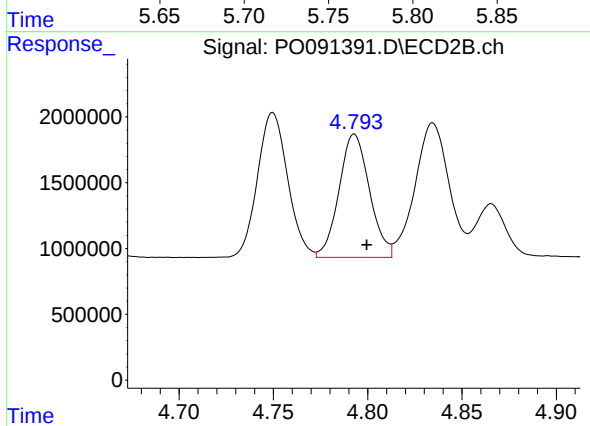
#21 AR-1248-1

R.T.: 4.556 min
Delta R.T.: -0.006 min
Response: 16274248
Conc: 691.76 ng/ml



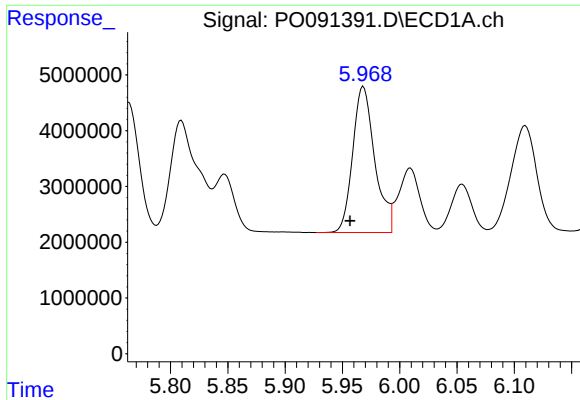
#22 AR-1248-2

R.T.: 5.764 min
Delta R.T.: 0.012 min
Response: 29961181
Conc: 282.63 ng/ml



#22 AR-1248-2

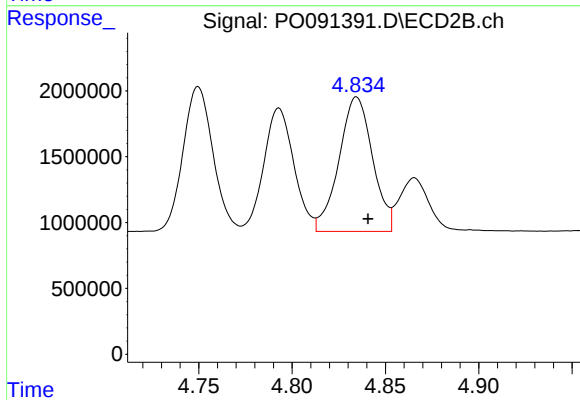
R.T.: 4.793 min
Delta R.T.: -0.007 min
Response: 10541949
Conc: 321.99 ng/ml



#23 AR-1248-3

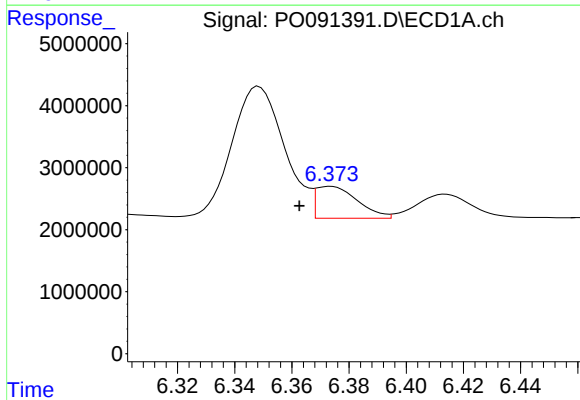
R.T.: 5.968 min
Delta R.T.: 0.012 min
Response: 35061912
Conc: 297.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



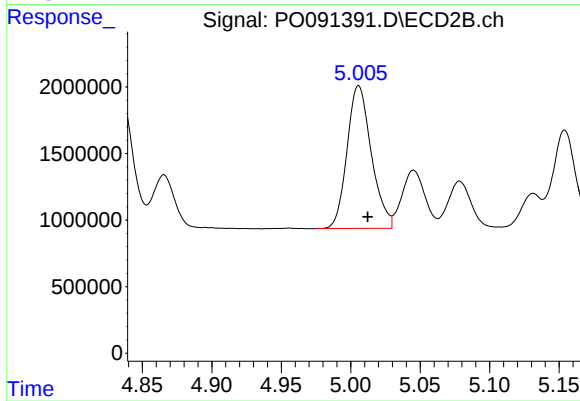
#23 AR-1248-3

R.T.: 4.835 min
Delta R.T.: -0.006 min
Response: 12795928
Conc: 377.02 ng/ml



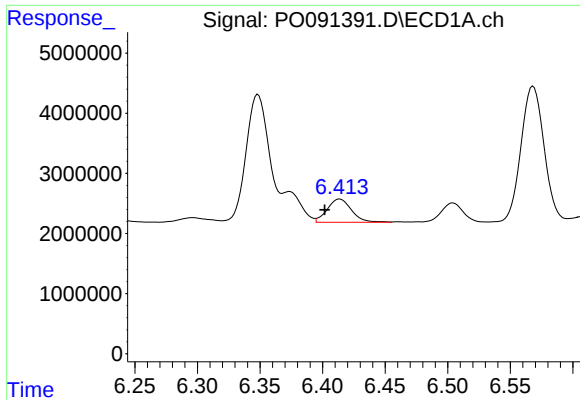
#24 AR-1248-4

R.T.: 6.374 min
Delta R.T.: 0.011 min
Response: 5160320
Conc: 42.20 ng/ml



#24 AR-1248-4

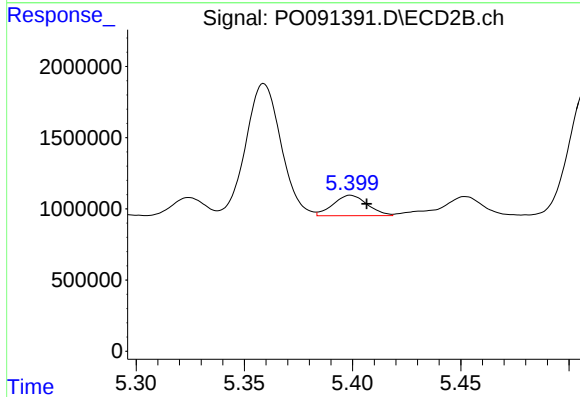
R.T.: 5.006 min
Delta R.T.: -0.006 min
Response: 13070475
Conc: 327.56 ng/ml



#25 AR-1248-5

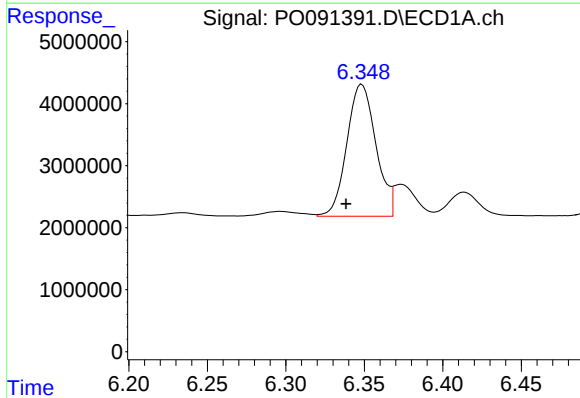
R.T.: 6.414 min
Delta R.T.: 0.012 min
Response: 5249130
Conc: 45.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



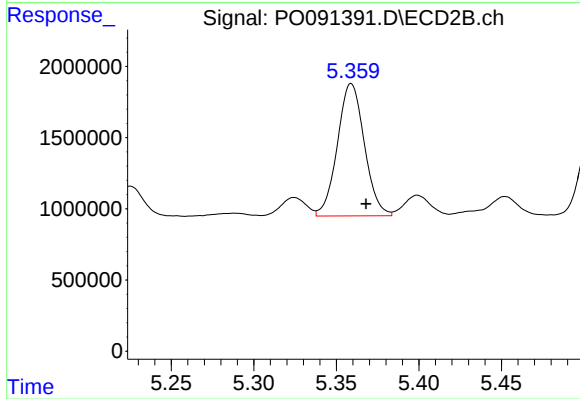
#25 AR-1248-5

R.T.: 5.399 min
Delta R.T.: -0.008 min
Response: 1581012
Conc: 44.11 ng/ml



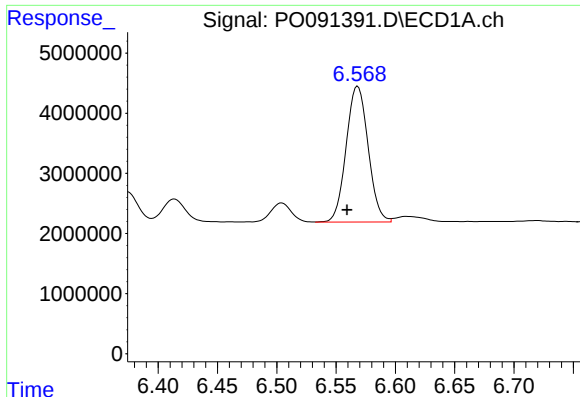
#26 AR-1254-1

R.T.: 6.348 min
Delta R.T.: 0.010 min
Response: 27447614
Conc: 218.55 ng/ml



#26 AR-1254-1

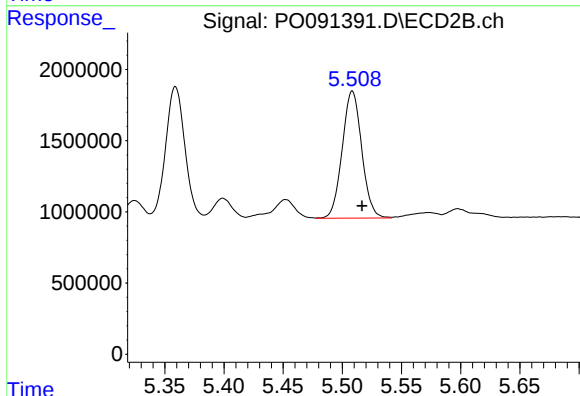
R.T.: 5.359 min
Delta R.T.: -0.009 min
Response: 10572422
Conc: 180.40 ng/ml



#27 AR-1254-2

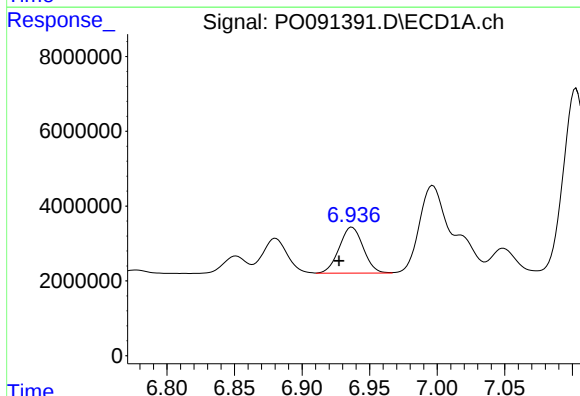
R.T.: 6.568 min
Delta R.T.: 0.009 min
Response: 29148927
Conc: 154.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



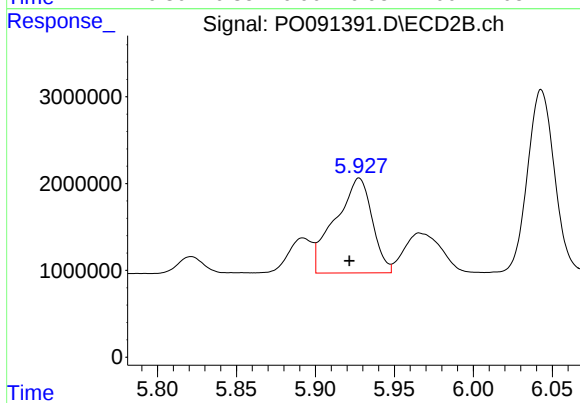
#27 AR-1254-2

R.T.: 5.508 min
Delta R.T.: -0.008 min
Response: 10257792
Conc: 192.20 ng/ml



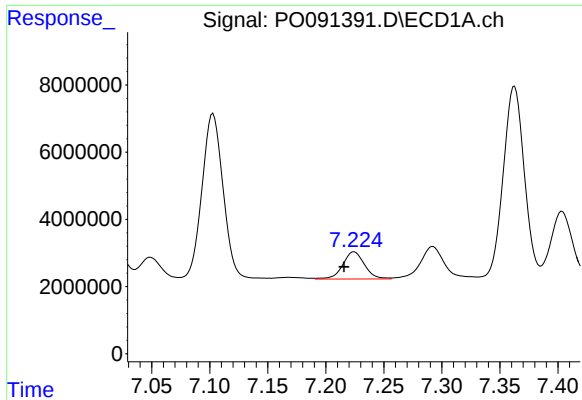
#28 AR-1254-3

R.T.: 6.937 min
Delta R.T.: 0.010 min
Response: 15270597
Conc: 81.47 ng/ml



#28 AR-1254-3

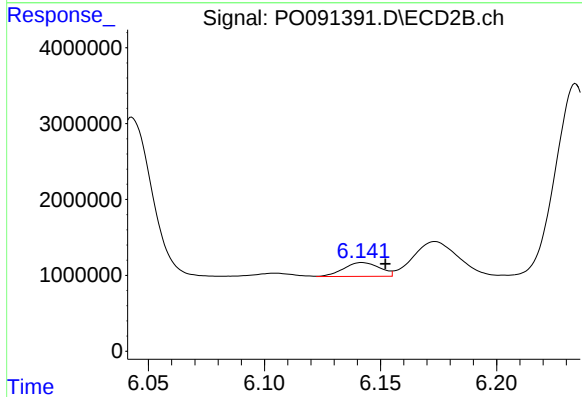
R.T.: 5.928 min
Delta R.T.: 0.006 min
Response: 17780877
Conc: 218.25 ng/ml



#29 AR-1254-4

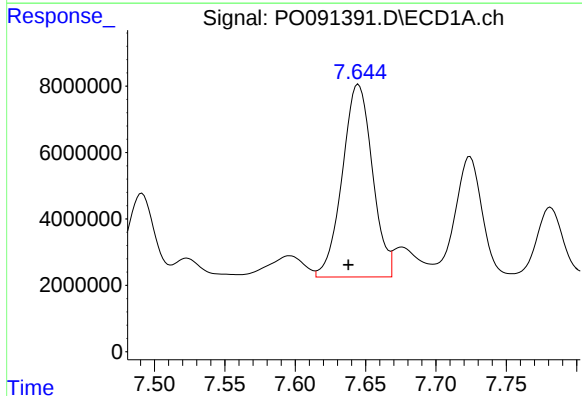
R.T.: 7.224 min
Delta R.T.: 0.009 min
Response: 10559988
Conc: 76.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



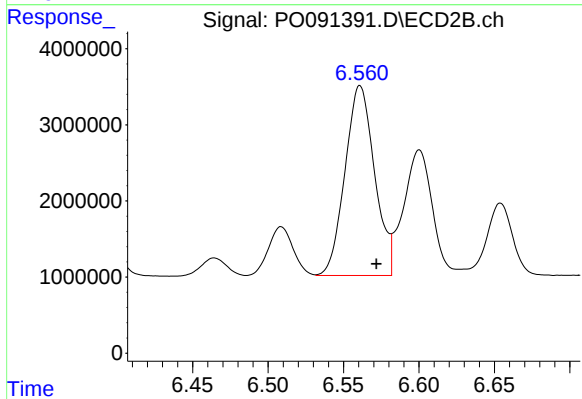
#29 AR-1254-4

R.T.: 6.142 min
Delta R.T.: -0.010 min
Response: 1963424
Conc: 40.13 ng/ml



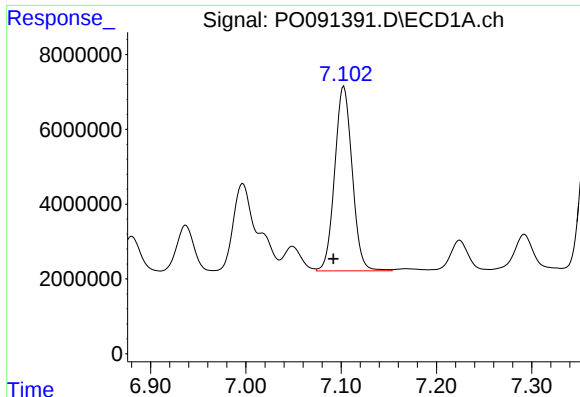
#30 AR-1254-5

R.T.: 7.645 min
Delta R.T.: 0.007 min
Response: 86535997
Conc: 564.01 ng/ml



#30 AR-1254-5

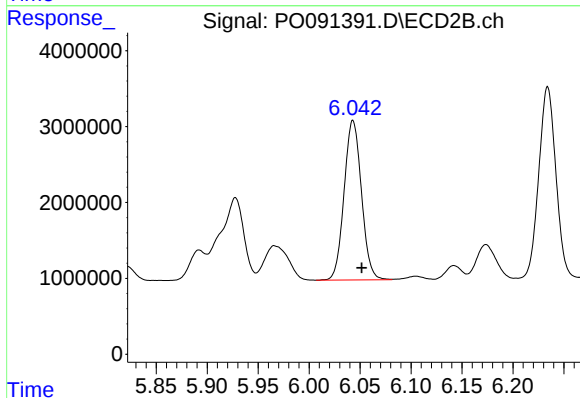
R.T.: 6.561 min
Delta R.T.: -0.011 min
Response: 34052055
Conc: 456.80 ng/ml



#31 AR-1260-1

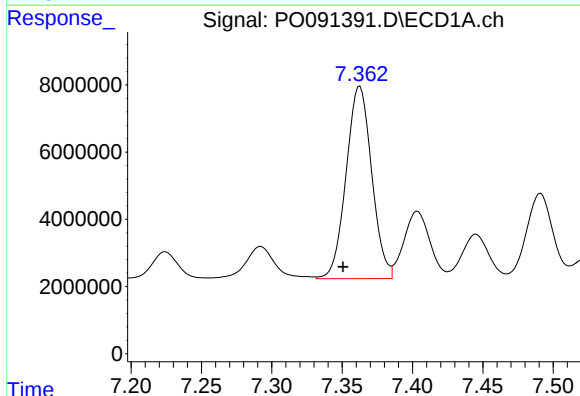
R.T.: 7.103 min
Delta R.T.: 0.011 min
Response: 62821443
Conc: 409.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



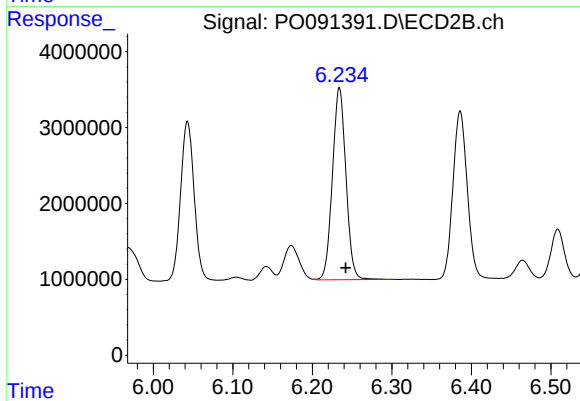
#31 AR-1260-1

R.T.: 6.043 min
Delta R.T.: -0.009 min
Response: 24939801
Conc: 430.72 ng/ml



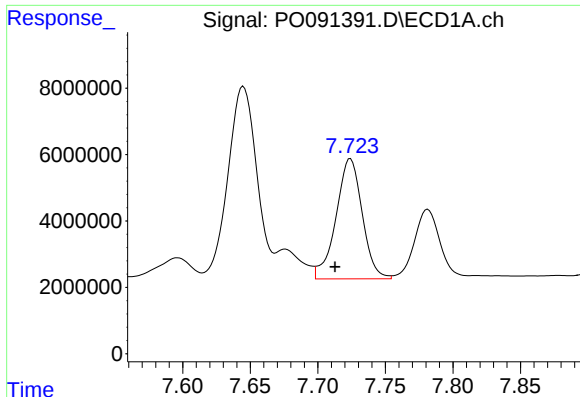
#32 AR-1260-2

R.T.: 7.363 min
Delta R.T.: 0.012 min
Response: 72599602
Conc: 415.94 ng/ml



#32 AR-1260-2

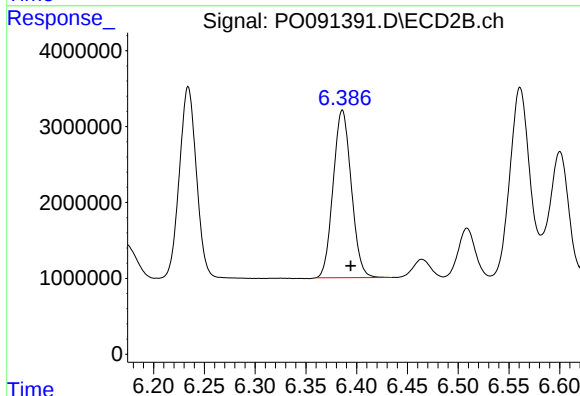
R.T.: 6.234 min
Delta R.T.: -0.008 min
Response: 29840895
Conc: 437.00 ng/ml



#33 AR-1260-3

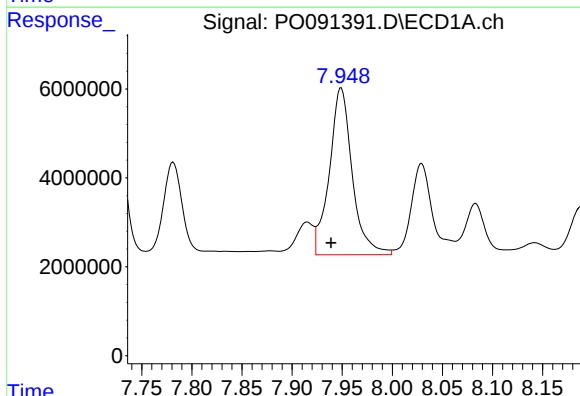
R.T.: 7.724 min
Delta R.T.: 0.011 min
Response: 48900220
Conc: 430.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



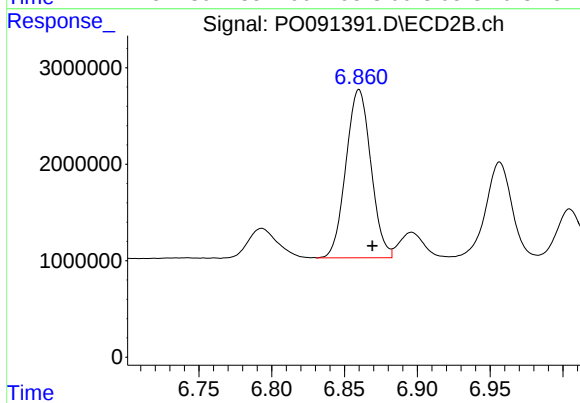
#33 AR-1260-3

R.T.: 6.386 min
Delta R.T.: -0.008 min
Response: 27434143
Conc: 418.25 ng/ml



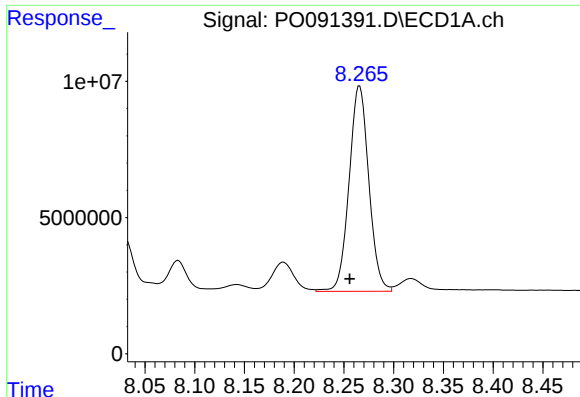
#34 AR-1260-4

R.T.: 7.949 min
Delta R.T.: 0.010 min
Response: 59563959
Conc: 439.56 ng/ml



#34 AR-1260-4

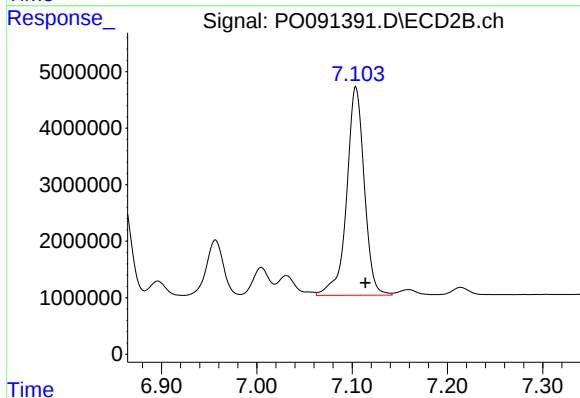
R.T.: 6.860 min
Delta R.T.: -0.009 min
Response: 20811332
Conc: 435.75 ng/ml



#35 AR-1260-5

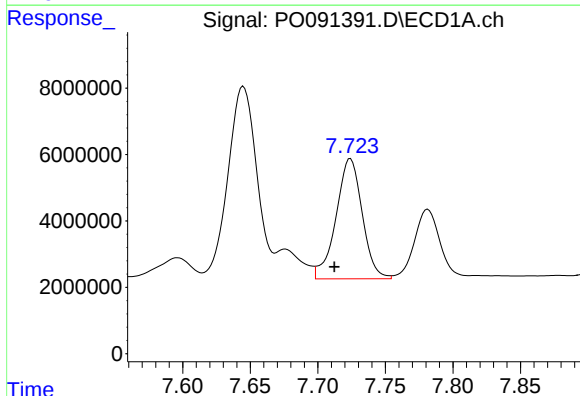
R.T.: 8.266 min
Delta R.T.: 0.010 min
Response: 103975960
Conc: 409.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



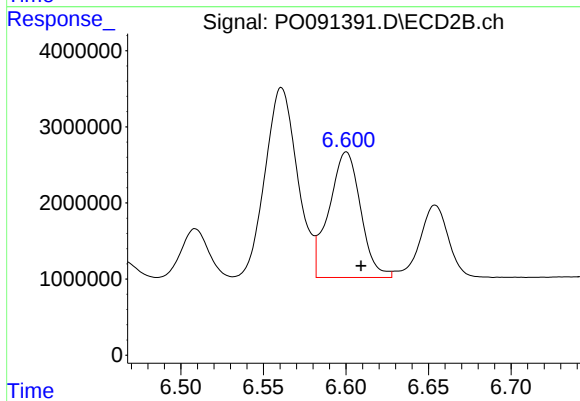
#35 AR-1260-5

R.T.: 7.104 min
Delta R.T.: -0.010 min
Response: 47426778
Conc: 436.26 ng/ml



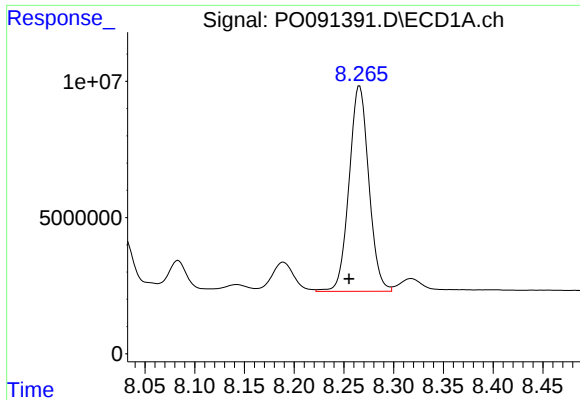
#36 AR-1262-1

R.T.: 7.724 min
Delta R.T.: 0.012 min
Response: 48900220
Conc: 267.64 ng/ml



#36 AR-1262-1

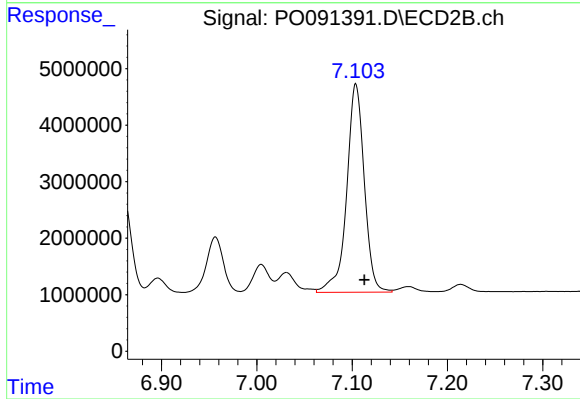
R.T.: 6.600 min
Delta R.T.: -0.009 min
Response: 21954490
Conc: 292.09 ng/ml



#37 AR-1262-2

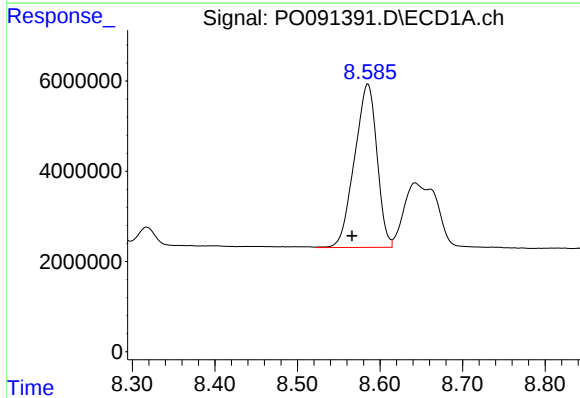
R.T.: 8.266 min
Delta R.T.: 0.010 min
Response: 103975960
Conc: 336.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



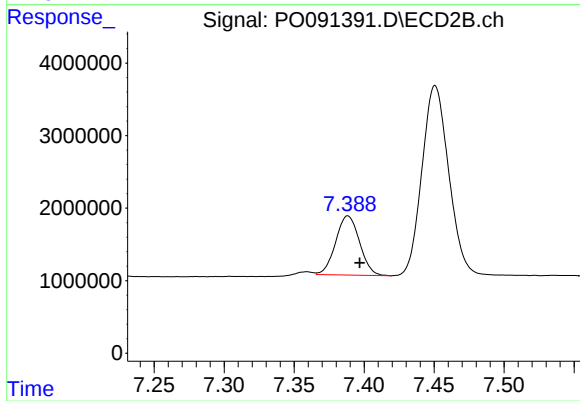
#37 AR-1262-2

R.T.: 7.104 min
Delta R.T.: -0.009 min
Response: 47426778
Conc: 372.56 ng/ml



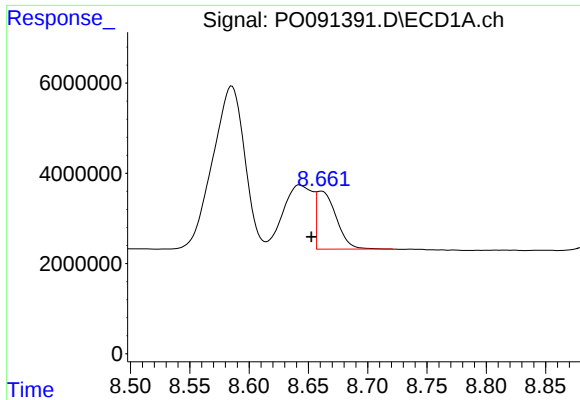
#38 AR-1262-3

R.T.: 8.585 min
Delta R.T.: 0.019 min
Response: 68375703
Conc: 317.14 ng/ml



#38 AR-1262-3

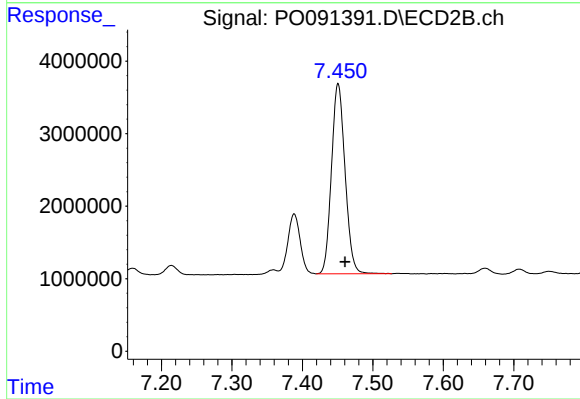
R.T.: 7.388 min
Delta R.T.: -0.008 min
Response: 9679953
Conc: 183.69 ng/ml



#39 AR-1262-4

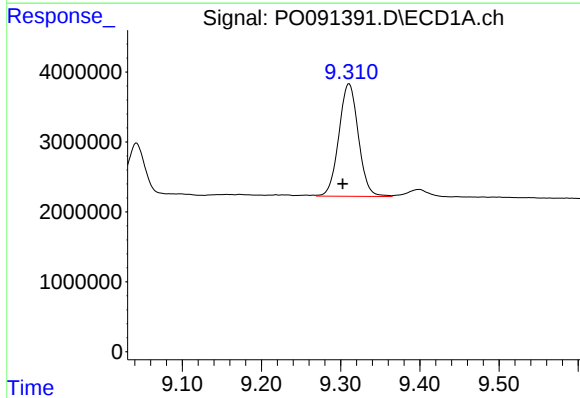
R.T.: 8.661 min
Delta R.T.: 0.009 min
Response: 14853052
Conc: 149.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



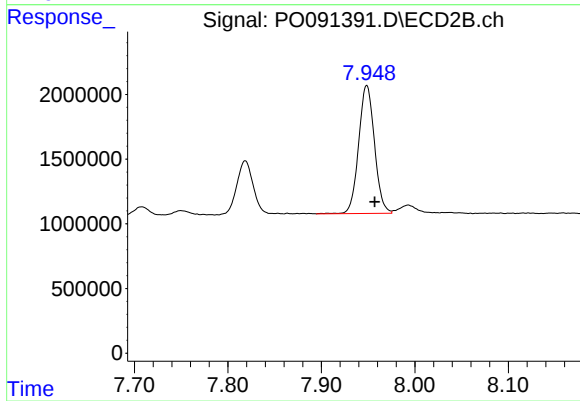
#39 AR-1262-4

R.T.: 7.451 min
Delta R.T.: -0.010 min
Response: 35138701
Conc: 369.97 ng/ml



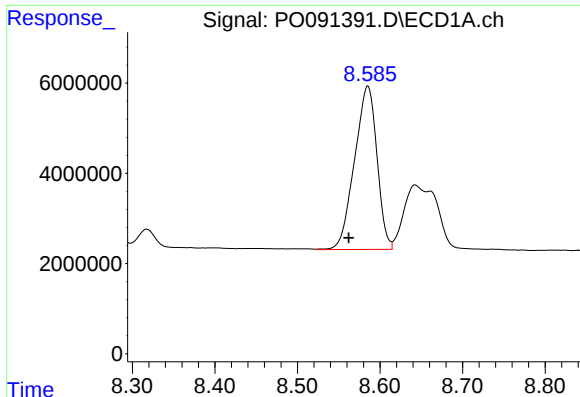
#40 AR-1262-5

R.T.: 9.311 min
Delta R.T.: 0.008 min
Response: 27557444
Conc: 238.74 ng/ml



#40 AR-1262-5

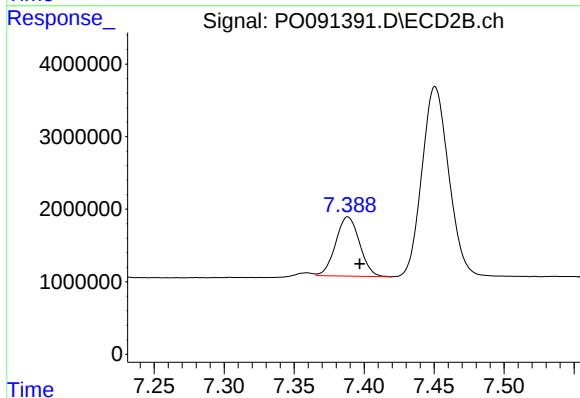
R.T.: 7.949 min
Delta R.T.: -0.008 min
Response: 11653726
Conc: 255.52 ng/ml



#41 AR-1268-1

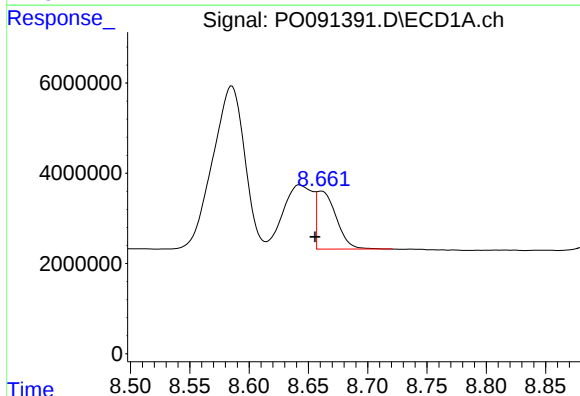
R.T.: 8.585 min
Delta R.T.: 0.023 min
Response: 68375703
Conc: 185.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



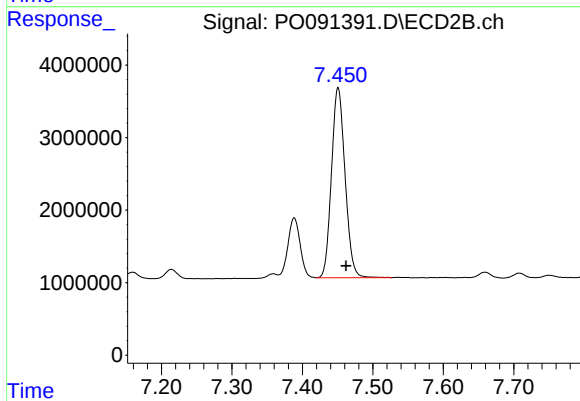
#41 AR-1268-1

R.T.: 7.388 min
Delta R.T.: -0.009 min
Response: 9679953
Conc: 64.89 ng/ml



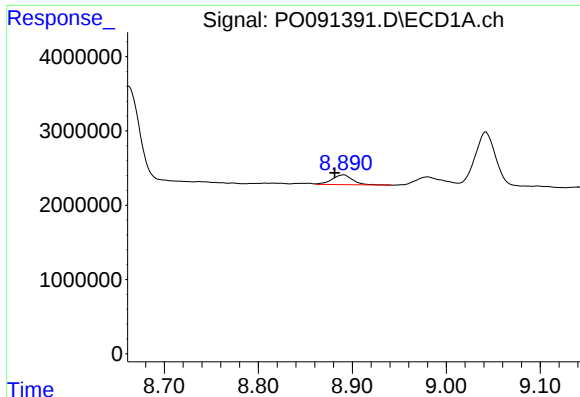
#42 AR-1268-2

R.T.: 8.661 min
Delta R.T.: 0.005 min
Response: 14853052
Conc: 44.67 ng/ml



#42 AR-1268-2

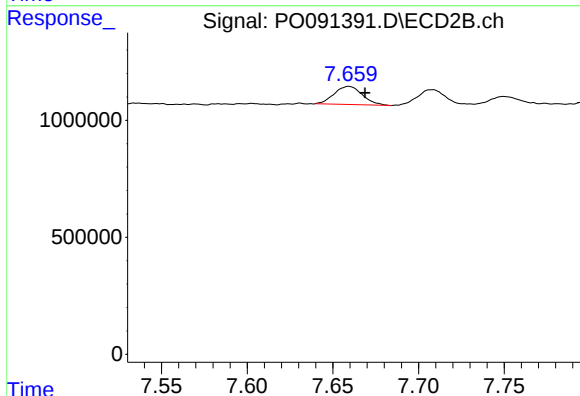
R.T.: 7.451 min
Delta R.T.: -0.011 min
Response: 35138701
Conc: 261.50 ng/ml



#43 AR-1268-3

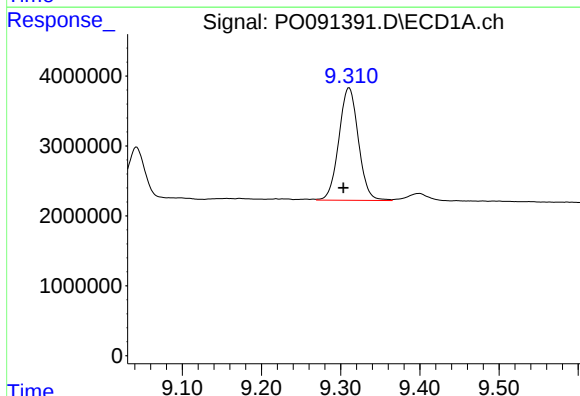
R.T.: 8.891 min
Delta R.T.: 0.009 min
Response: 2017740
Conc: 7.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



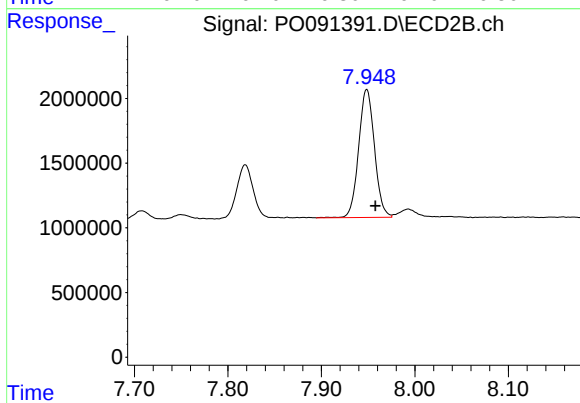
#43 AR-1268-3

R.T.: 7.659 min
Delta R.T.: -0.009 min
Response: 884610
Conc: 7.66 ng/ml



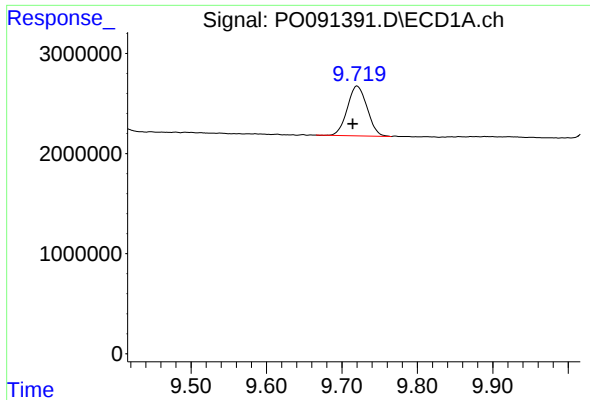
#44 AR-1268-4

R.T.: 9.311 min
Delta R.T.: 0.007 min
Response: 27557444
Conc: 223.24 ng/ml



#44 AR-1268-4

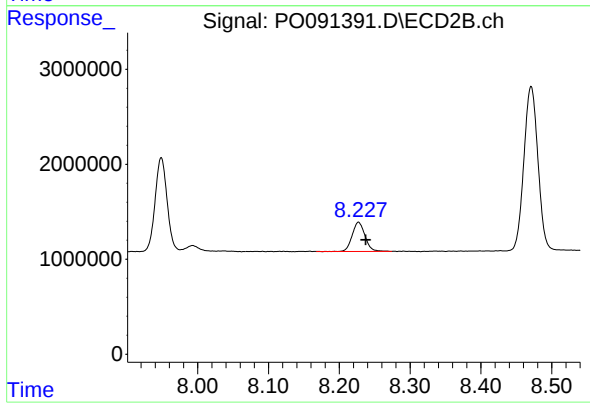
R.T.: 7.949 min
Delta R.T.: -0.009 min
Response: 11653726
Conc: 236.22 ng/ml



#45 AR-1268-5

R.T.: 9.720 min
Delta R.T.: 0.006 min
Response: 9053636
Conc: 9.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.227 min
Delta R.T.: -0.010 min
Response: 3903740
Conc: 11.53 ng/ml