

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP020923\
 Data File : PP055484.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Feb 2023 10:46
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 09 21:24:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 03:37:45 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...	4.329	3.576	84247055	74698270	48.453	49.759
2)	SA Decachlor...	10.078	8.580	79321633	63116076	45.806	46.733
Target Compounds							
3)	L1 AR-1016-1	5.497	4.656	29641001	23387542	441.020	472.533
4)	L1 AR-1016-2	5.520	4.674	42484298	34496376	443.333	498.365
5)	L1 AR-1016-3	5.582	4.850	26675425	18201834	445.955	489.341
6)	L1 AR-1016-4	5.681	4.892	21270089	15459448	443.884	491.990
7)	L1 AR-1016-5	5.977	5.105	21711376	20107303	428.451	491.807
8)	L2 AR-1221-1	4.532	3.786	2986959	2732544	127.024	137.820
9)	L2 AR-1221-2	4.623	3.873	4587476	3789896	258.202	255.688
10)	L2 AR-1221-3	4.699	3.947	17206682	14895908	319.770	330.180
11)	L3 AR-1232-1	4.699	3.947	17206682	14895908	387.688	404.127
12)	L3 AR-1232-2	5.229	4.674	22212823	34496376	982.226	1079.951
13)	L3 AR-1232-3	5.520	4.850	42484298	18201834	967.371	1091.828
14)	L3 AR-1232-4	5.681	4.934	21270089	18914571	960.960	1172.915
15)	L3 AR-1232-5	5.772	5.105	17876061	20107303	1021.079	1138.484
16)	L4 AR-1242-1	5.497	4.656	29641001	23387542	529.410	570.954
17)	L4 AR-1242-2	5.520	4.674	42484298	34496376	532.186	604.129
18)	L4 AR-1242-3	5.582	4.850	26675425	18201834	537.146	589.674
19)	L4 AR-1242-4	5.681	4.934	21270089	18914571	530.733	582.218
20)	L4 AR-1242-5	6.420	5.458	6041033	18995187	135.865	508.278 #
21)	L5 AR-1248-1	5.497	4.656	29641001	23387542	710.752	754.360
22)	L5 AR-1248-2	5.772	4.892	17876061	15459448	281.184	338.078
23)	L5 AR-1248-3	5.977	4.934	21711376	18914571	313.938	396.754 #
24)	L5 AR-1248-4	6.381	5.105	7150827	20107303	94.296	364.084 #
25)	L5 AR-1248-5	6.420	5.498	6041033	4340076	81.864	88.265
26)	L6 AR-1254-1	6.355	5.458	18577152	18995187	235.475	235.211
27)	L6 AR-1254-2	6.575	5.606	16370860	13722016	135.271	191.748 #
28)	L6 AR-1254-3	6.943	6.025	6982216	25186690	57.002	226.077 #
29)	L6 AR-1254-4	7.230	6.239	4829642	1476663	54.813	24.008 #
30)	L6 AR-1254-5	7.650	6.657	50840123	43587223	502.567	459.761
31)	L7 AR-1260-1	7.108	6.140	38707561	37955011	406.053	489.461
32)	L7 AR-1260-2	7.366	6.329	44941841	43165891	399.319	480.165
33)	L7 AR-1260-3	7.727	6.482	35239306	39419834	437.653	464.251
34)	L7 AR-1260-4	7.953	6.955	40277496	33896138	414.903	473.391
35)	L7 AR-1260-5	8.269	7.199	76025142	69924918	427.467	454.837
36)	L8 AR-1262-1	7.727	6.749	35239306	18984542	298.683	441.897 #
37)	L8 AR-1262-2	8.269	6.955	76025142	33896138	377.458	365.958
38)	L8 AR-1262-3	8.591	7.482	48232714	16693292	346.820	229.115 #
39)	L8 AR-1262-4	8.668	7.546	14212558	52412332	184.864	400.769 #
40)	L8 AR-1262-5	9.324	8.042	17627400	8644072	246.469	145.700 #
41)	L9 AR-1268-1	8.591	7.482	48232714	16693292	197.346	77.204 #

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 Acq On : 09 Feb 2023 10:46
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

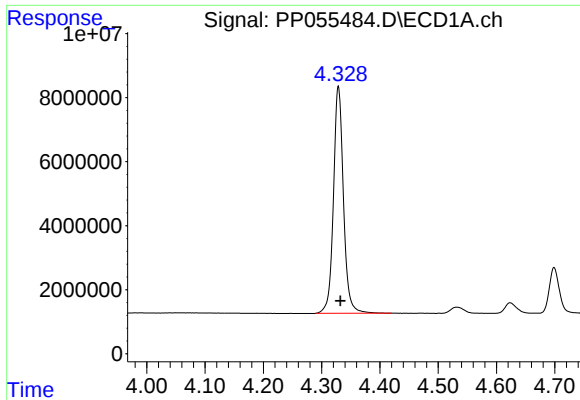
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 09 21:24:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.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	8.668	7.546	14212558	52412332	62.576	268.597 #
43) L9	AR-1268-3	8.897	7.754	945305	681282	4.732	3.966
44) L9	AR-1268-4	9.324	8.042	17627400	8644072	224.420	135.524 #
45) L9	AR-1268-5	9.740	8.330	6063567	4374547	9.532	8.307

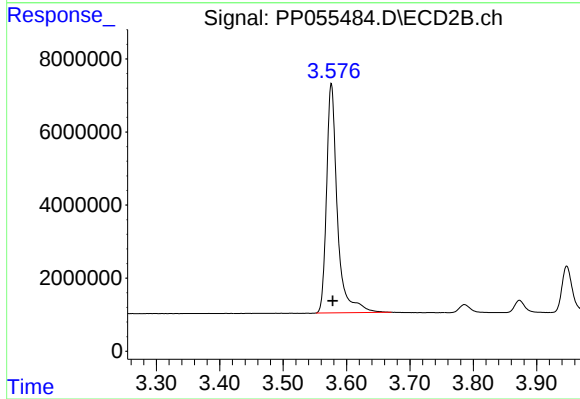
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

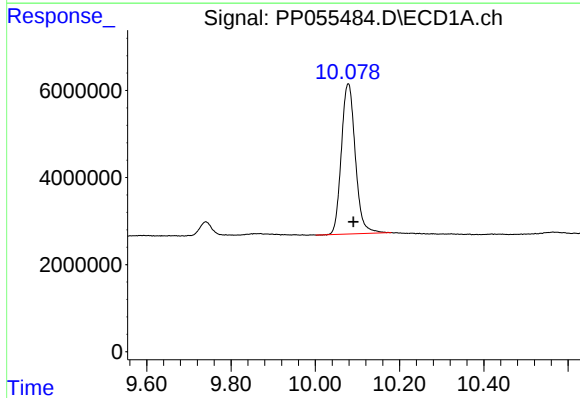
R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 84247055
Conc: 48.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



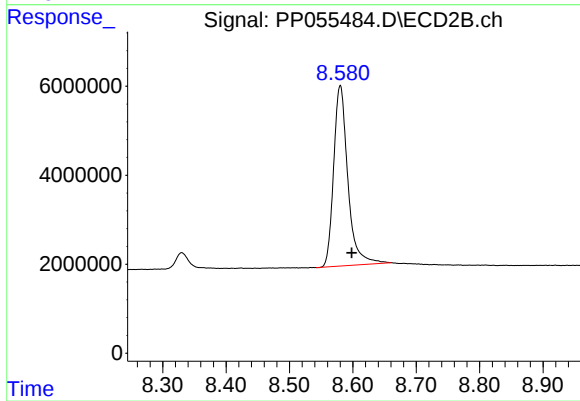
#1 Tetrachloro-m-xylene

R.T.: 3.576 min
Delta R.T.: -0.002 min
Response: 74698270
Conc: 49.76 ng/ml



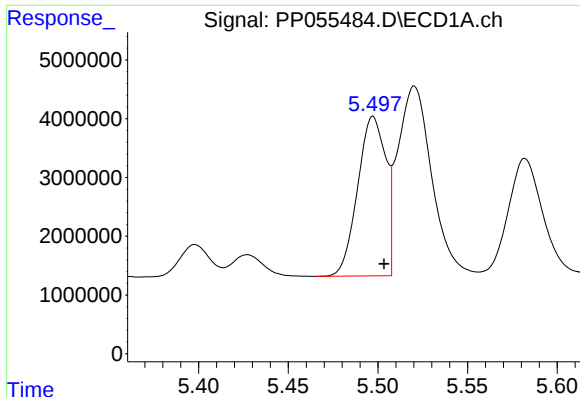
#2 Decachlorobiphenyl

R.T.: 10.078 min
Delta R.T.: -0.013 min
Response: 79321633
Conc: 45.81 ng/ml



#2 Decachlorobiphenyl

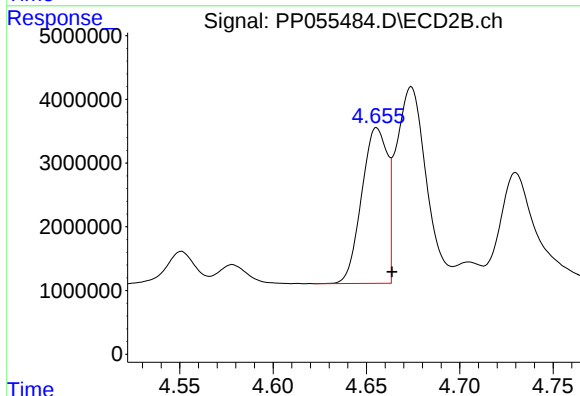
R.T.: 8.580 min
Delta R.T.: -0.018 min
Response: 63116076
Conc: 46.73 ng/ml



#3 AR-1016-1

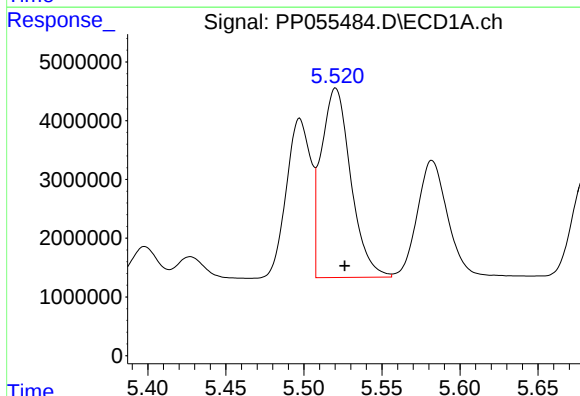
R.T.: 5.497 min
Delta R.T.: -0.006 min
Response: 29641001
Conc: 441.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



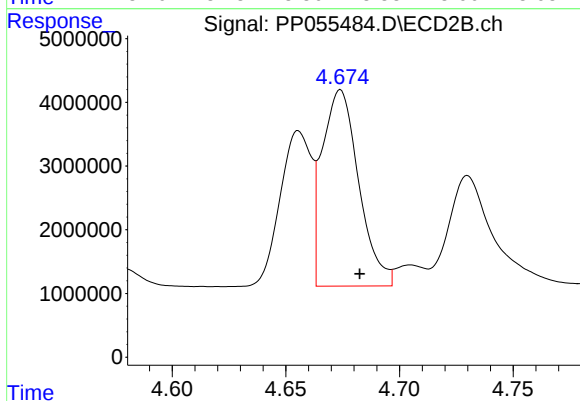
#3 AR-1016-1

R.T.: 4.656 min
Delta R.T.: -0.008 min
Response: 23387542
Conc: 472.53 ng/ml



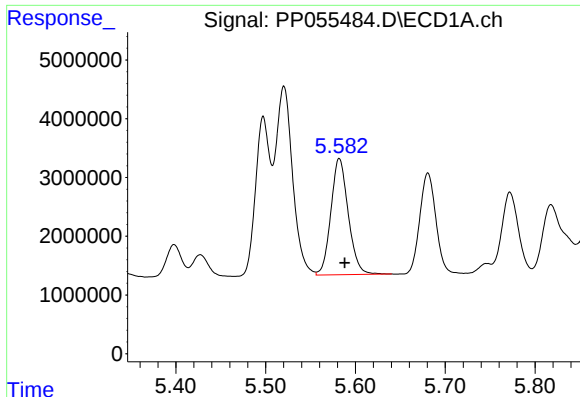
#4 AR-1016-2

R.T.: 5.520 min
Delta R.T.: -0.006 min
Response: 42484298
Conc: 443.33 ng/ml



#4 AR-1016-2

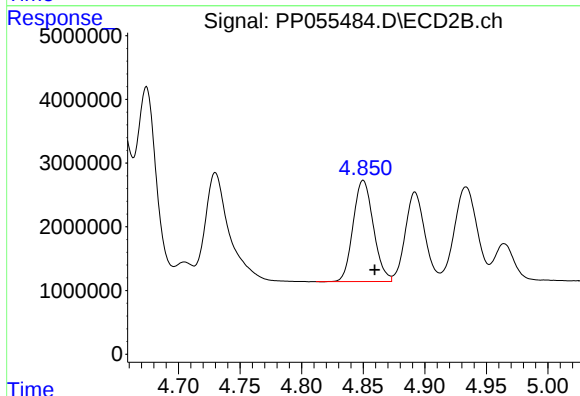
R.T.: 4.674 min
Delta R.T.: -0.008 min
Response: 34496376
Conc: 498.36 ng/ml



#5 AR-1016-3

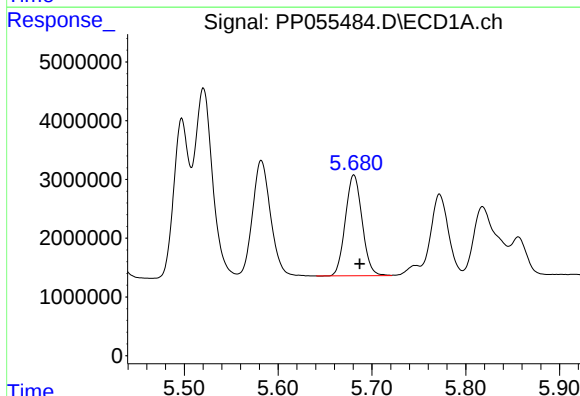
R.T.: 5.582 min
Delta R.T.: -0.006 min
Response: 26675425
Conc: 445.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



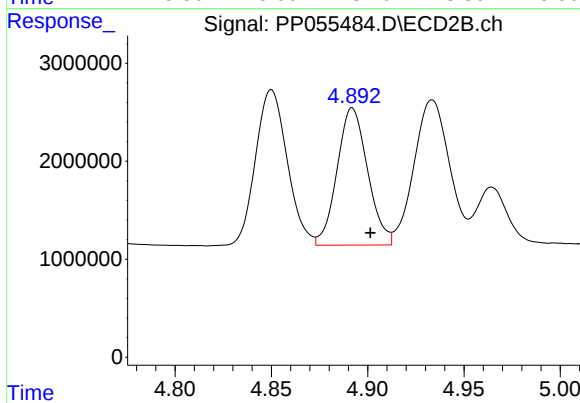
#5 AR-1016-3

R.T.: 4.850 min
Delta R.T.: -0.009 min
Response: 18201834
Conc: 489.34 ng/ml



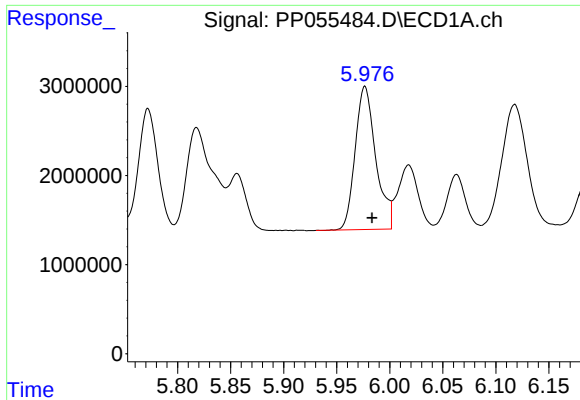
#6 AR-1016-4

R.T.: 5.681 min
Delta R.T.: -0.006 min
Response: 21270089
Conc: 443.88 ng/ml



#6 AR-1016-4

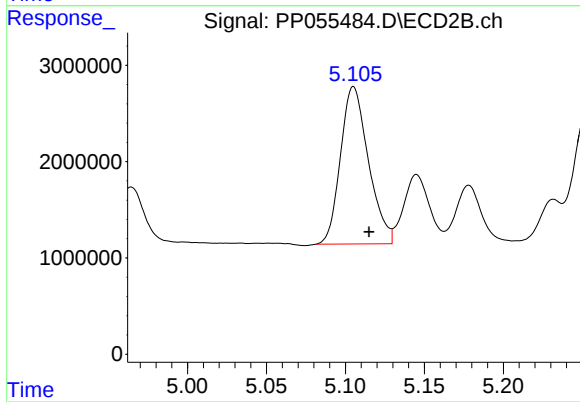
R.T.: 4.892 min
Delta R.T.: -0.009 min
Response: 15459448
Conc: 491.99 ng/ml



#7 AR-1016-5

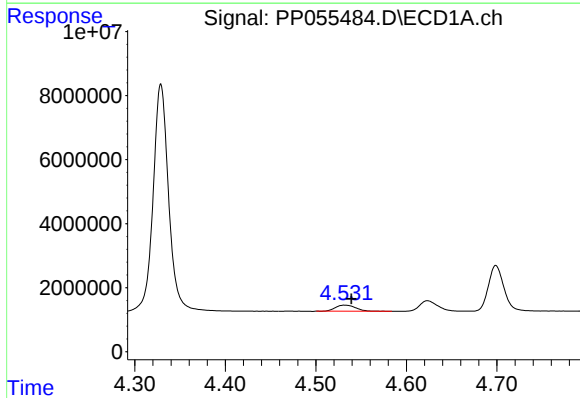
R.T.: 5.977 min
Delta R.T.: -0.007 min
Response: 21711376
Conc: 428.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



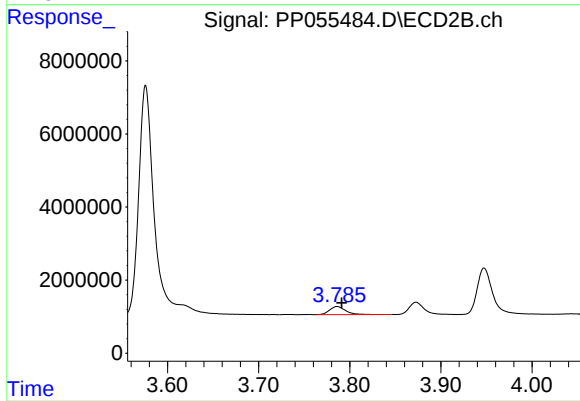
#7 AR-1016-5

R.T.: 5.105 min
Delta R.T.: -0.010 min
Response: 20107303
Conc: 491.81 ng/ml



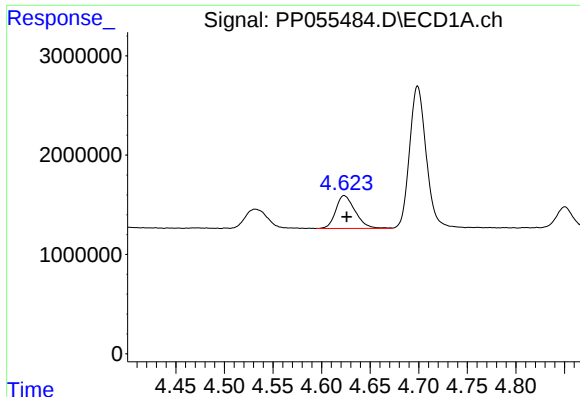
#8 AR-1221-1

R.T.: 4.532 min
Delta R.T.: -0.007 min
Response: 2986959
Conc: 127.02 ng/ml



#8 AR-1221-1

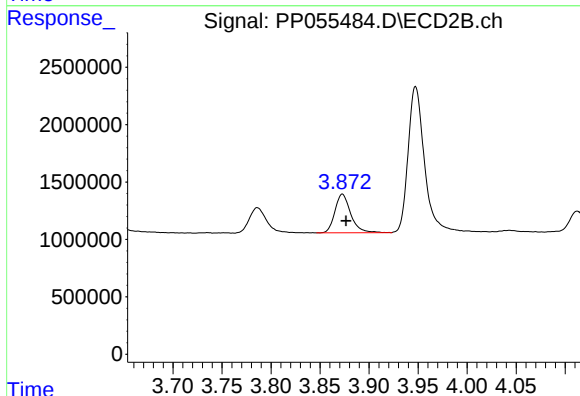
R.T.: 3.786 min
Delta R.T.: -0.005 min
Response: 2732544
Conc: 137.82 ng/ml



#9 AR-1221-2

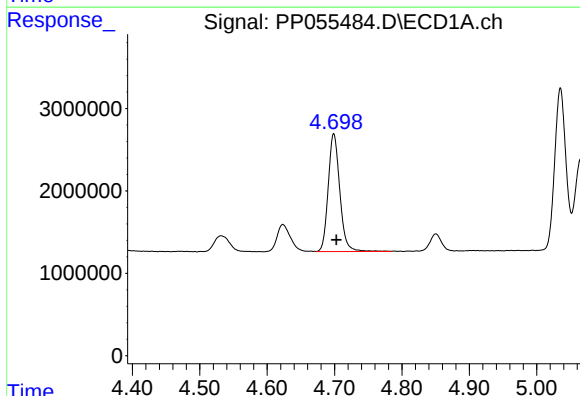
R.T.: 4.623 min
Delta R.T.: -0.003 min
Response: 4587476
Conc: 258.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



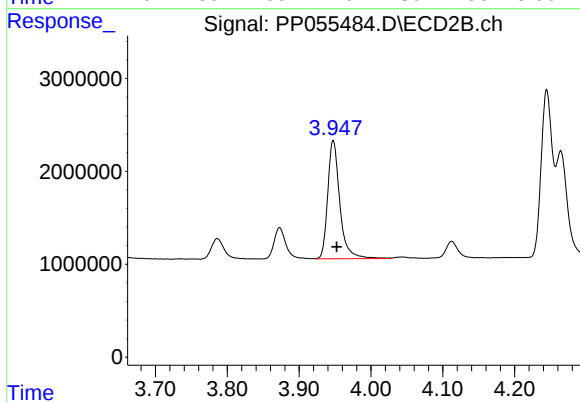
#9 AR-1221-2

R.T.: 3.873 min
Delta R.T.: -0.004 min
Response: 3789896
Conc: 255.69 ng/ml



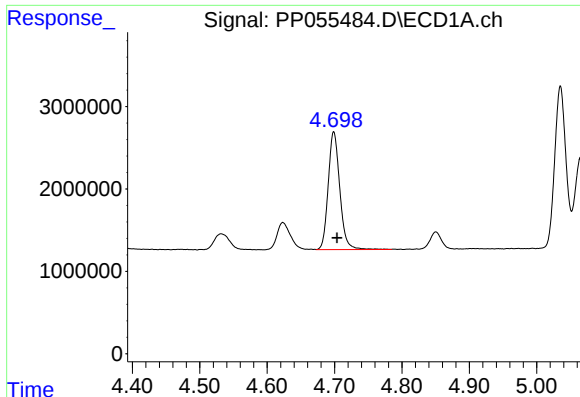
#10 AR-1221-3

R.T.: 4.699 min
Delta R.T.: -0.004 min
Response: 17206682
Conc: 319.77 ng/ml



#10 AR-1221-3

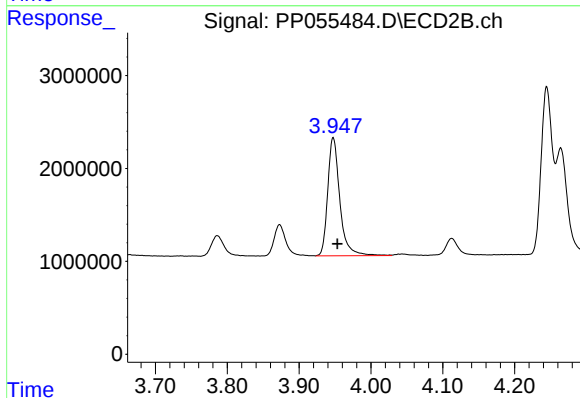
R.T.: 3.947 min
Delta R.T.: -0.005 min
Response: 14895908
Conc: 330.18 ng/ml



#11 AR-1232-1

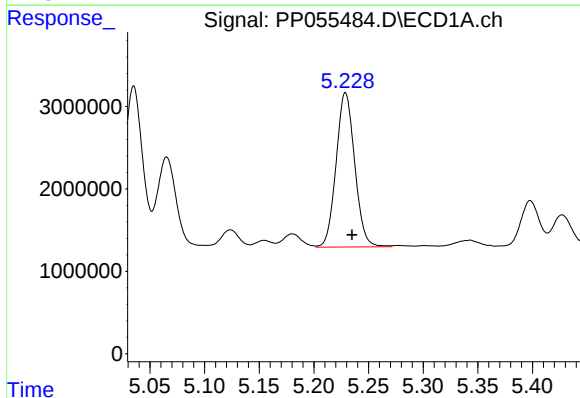
R.T.: 4.699 min
Delta R.T.: -0.005 min
Response: 17206682
Conc: 387.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



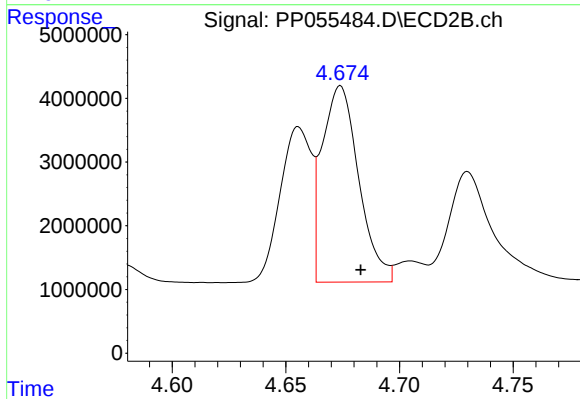
#11 AR-1232-1

R.T.: 3.947 min
Delta R.T.: -0.006 min
Response: 14895908
Conc: 404.13 ng/ml



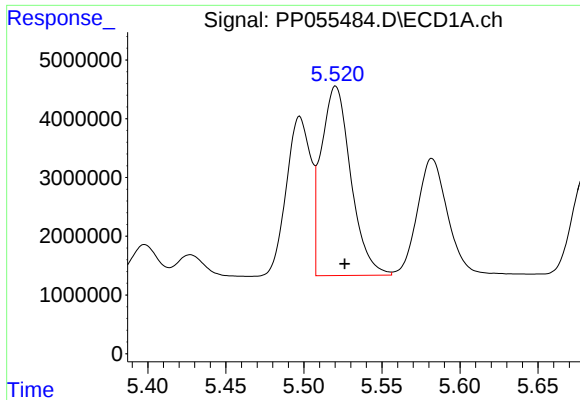
#12 AR-1232-2

R.T.: 5.229 min
Delta R.T.: -0.006 min
Response: 22212823
Conc: 982.23 ng/ml



#12 AR-1232-2

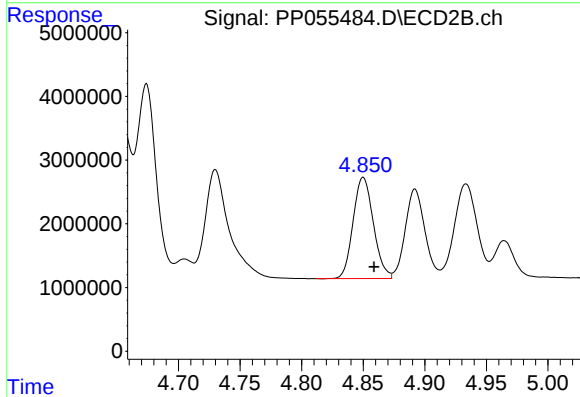
R.T.: 4.674 min
Delta R.T.: -0.009 min
Response: 34496376
Conc: 1079.95 ng/ml



#13 AR-1232-3

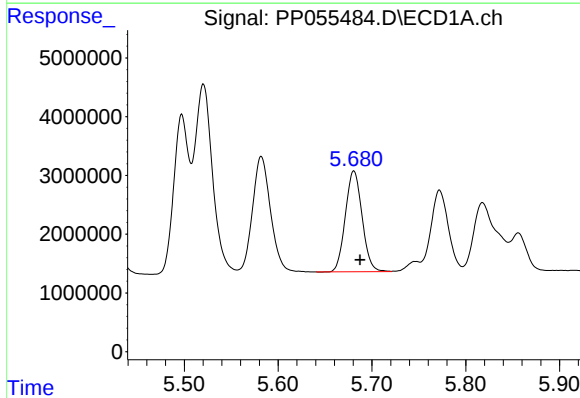
R.T.: 5.520 min
Delta R.T.: -0.006 min
Response: 42484298
Conc: 967.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



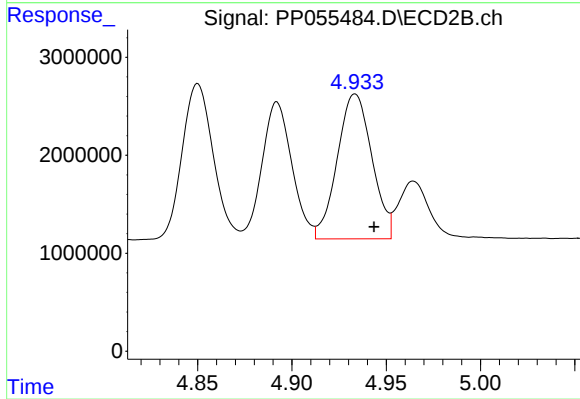
#13 AR-1232-3

R.T.: 4.850 min
Delta R.T.: -0.009 min
Response: 18201834
Conc: 1091.83 ng/ml



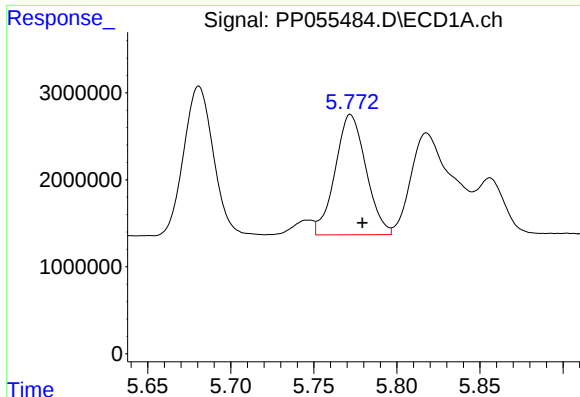
#14 AR-1232-4

R.T.: 5.681 min
Delta R.T.: -0.007 min
Response: 21270089
Conc: 960.96 ng/ml



#14 AR-1232-4

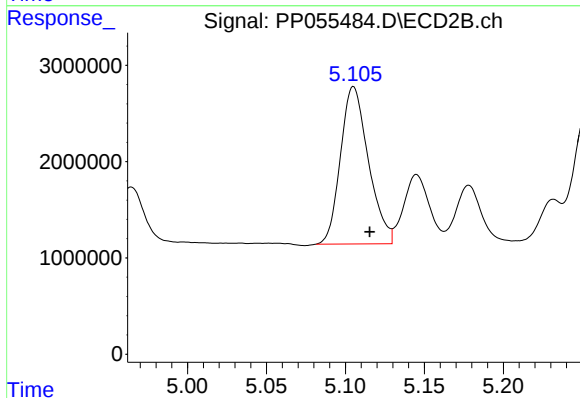
R.T.: 4.934 min
Delta R.T.: -0.010 min
Response: 18914571
Conc: 1172.91 ng/ml



#15 AR-1232-5

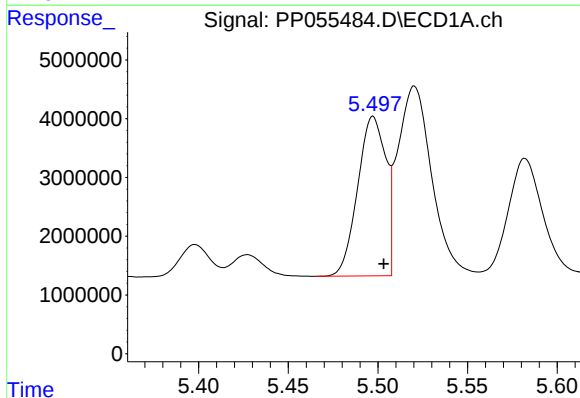
R.T.: 5.772 min
Delta R.T.: -0.007 min
Response: 17876061
Conc: 1021.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



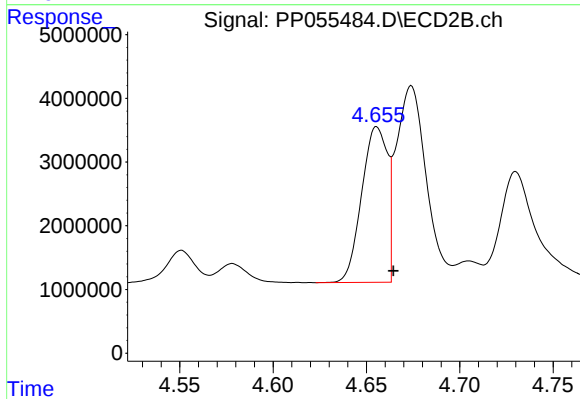
#15 AR-1232-5

R.T.: 5.105 min
Delta R.T.: -0.010 min
Response: 20107303
Conc: 1138.48 ng/ml



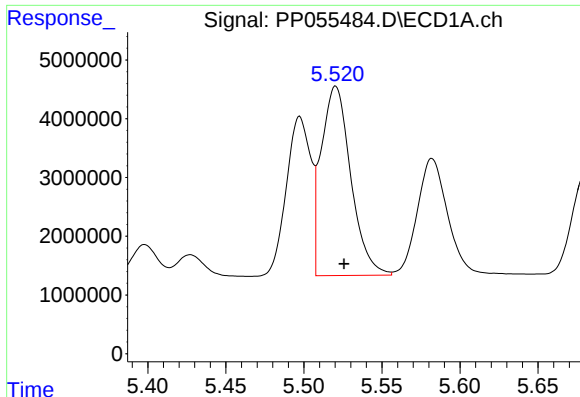
#16 AR-1242-1

R.T.: 5.497 min
Delta R.T.: -0.006 min
Response: 29641001
Conc: 529.41 ng/ml



#16 AR-1242-1

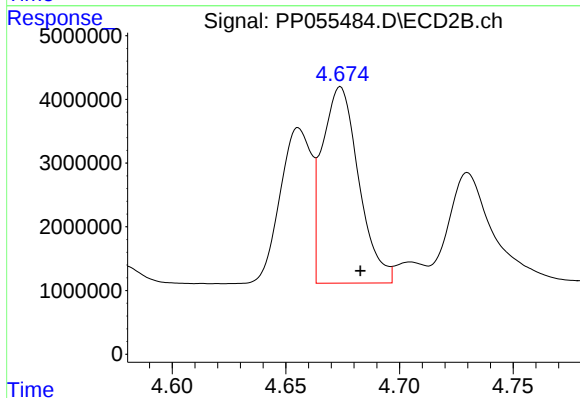
R.T.: 4.656 min
Delta R.T.: -0.009 min
Response: 23387542
Conc: 570.95 ng/ml



#17 AR-1242-2

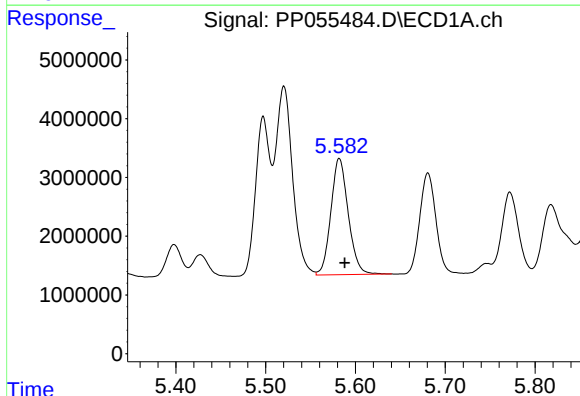
R.T.: 5.520 min
Delta R.T.: -0.005 min
Response: 42484298
Conc: 532.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



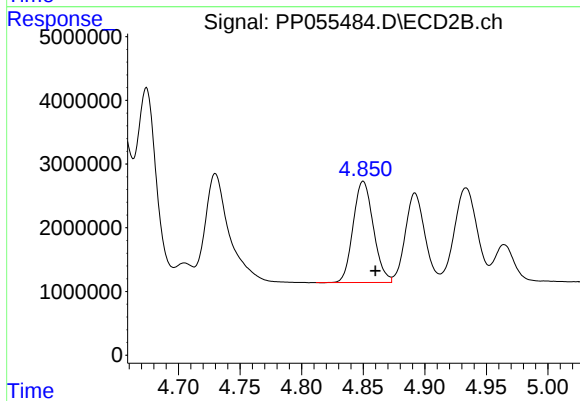
#17 AR-1242-2

R.T.: 4.674 min
Delta R.T.: -0.009 min
Response: 34496376
Conc: 604.13 ng/ml



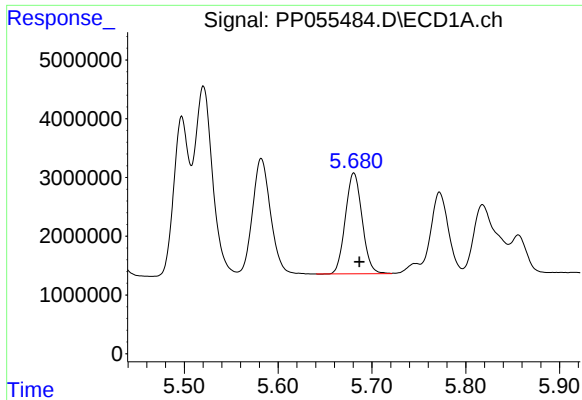
#18 AR-1242-3

R.T.: 5.582 min
Delta R.T.: -0.006 min
Response: 26675425
Conc: 537.15 ng/ml



#18 AR-1242-3

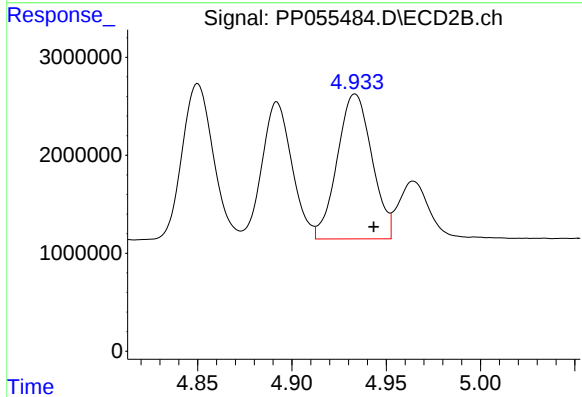
R.T.: 4.850 min
Delta R.T.: -0.010 min
Response: 18201834
Conc: 589.67 ng/ml



#19 AR-1242-4

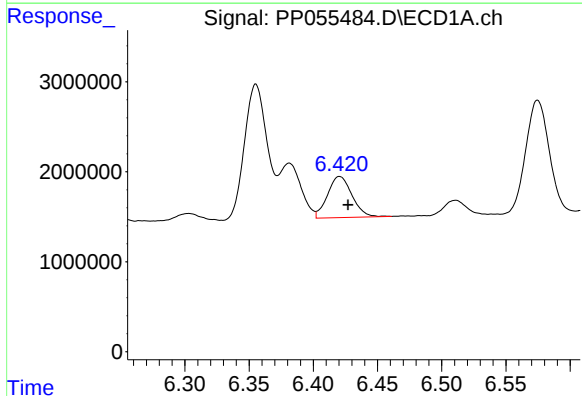
R.T.: 5.681 min
Delta R.T.: -0.006 min
Response: 21270089
Conc: 530.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



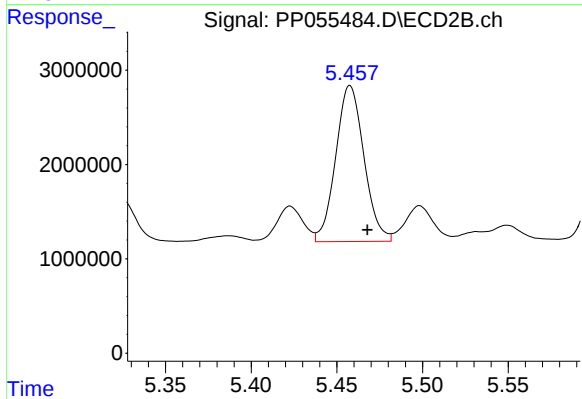
#19 AR-1242-4

R.T.: 4.934 min
Delta R.T.: -0.010 min
Response: 18914571
Conc: 582.22 ng/ml



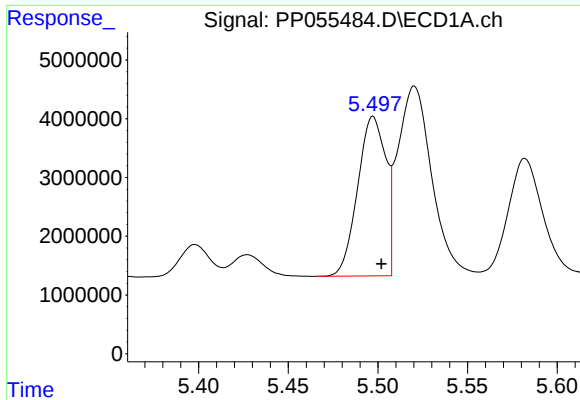
#20 AR-1242-5

R.T.: 6.420 min
Delta R.T.: -0.006 min
Response: 6041033
Conc: 135.87 ng/ml



#20 AR-1242-5

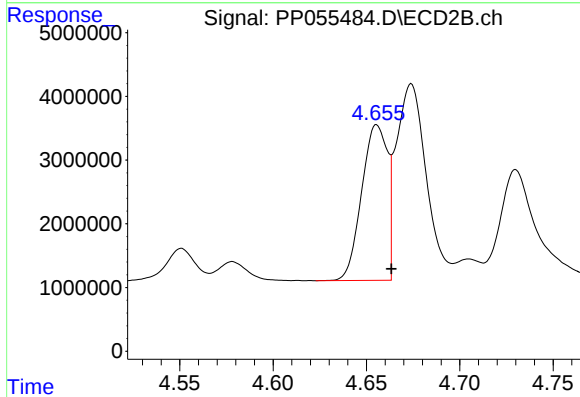
R.T.: 5.458 min
Delta R.T.: -0.010 min
Response: 18995187
Conc: 508.28 ng/ml



#21 AR-1248-1

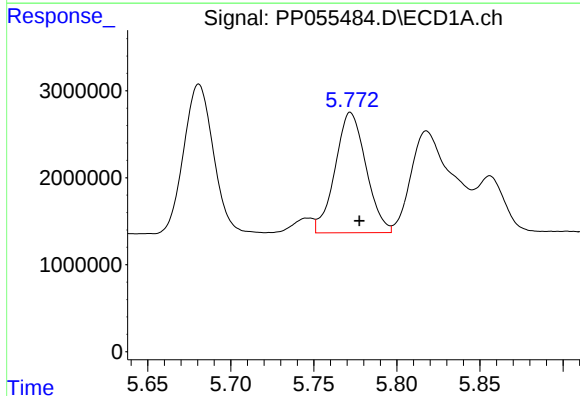
R.T.: 5.497 min
Delta R.T.: -0.005 min
Response: 29641001
Conc: 710.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



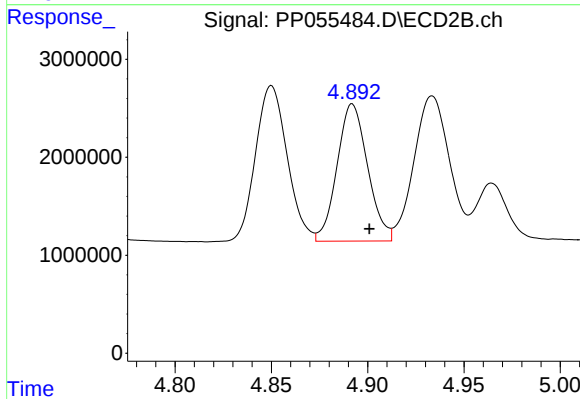
#21 AR-1248-1

R.T.: 4.656 min
Delta R.T.: -0.008 min
Response: 23387542
Conc: 754.36 ng/ml



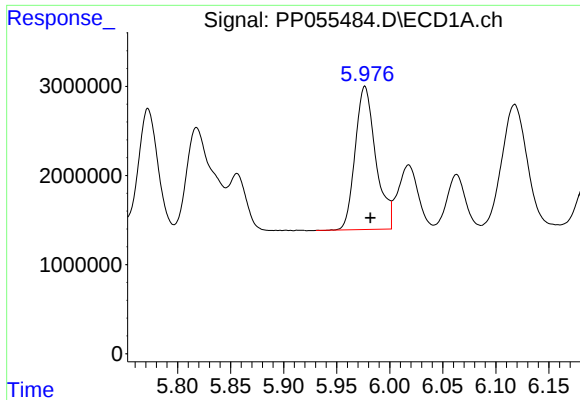
#22 AR-1248-2

R.T.: 5.772 min
Delta R.T.: -0.005 min
Response: 17876061
Conc: 281.18 ng/ml



#22 AR-1248-2

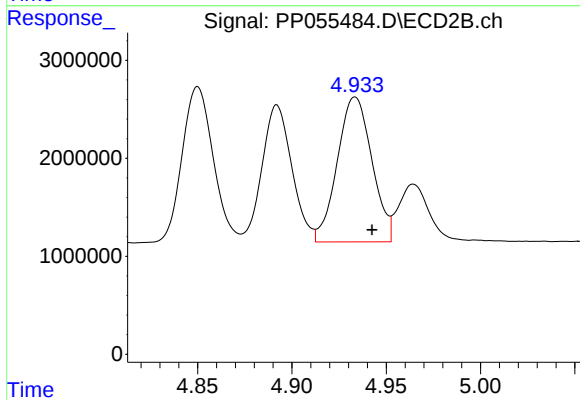
R.T.: 4.892 min
Delta R.T.: -0.009 min
Response: 15459448
Conc: 338.08 ng/ml



#23 AR-1248-3

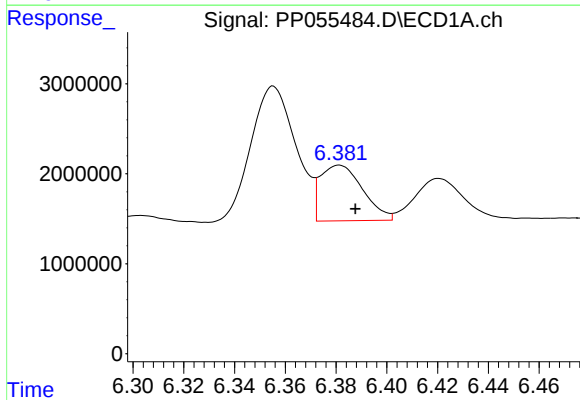
R.T.: 5.977 min
Delta R.T.: -0.005 min
Response: 21711376
Conc: 313.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



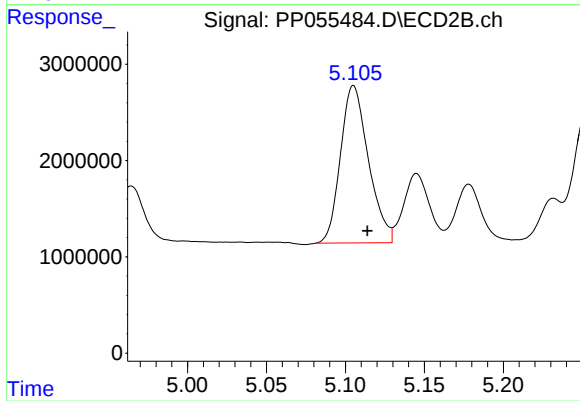
#23 AR-1248-3

R.T.: 4.934 min
Delta R.T.: -0.009 min
Response: 18914571
Conc: 396.75 ng/ml



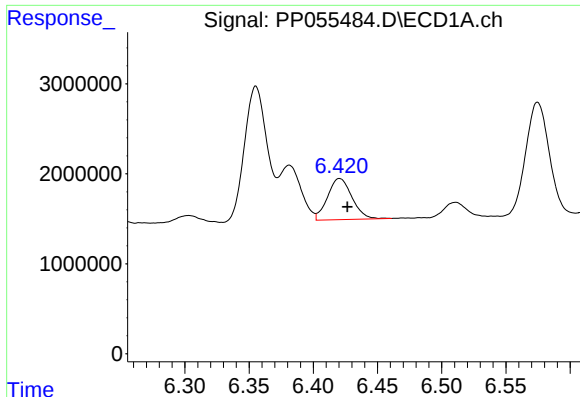
#24 AR-1248-4

R.T.: 6.381 min
Delta R.T.: -0.006 min
Response: 7150827
Conc: 94.30 ng/ml



#24 AR-1248-4

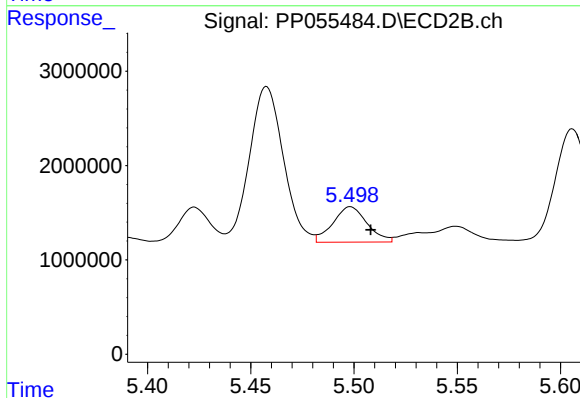
R.T.: 5.105 min
Delta R.T.: -0.009 min
Response: 20107303
Conc: 364.08 ng/ml



#25 AR-1248-5

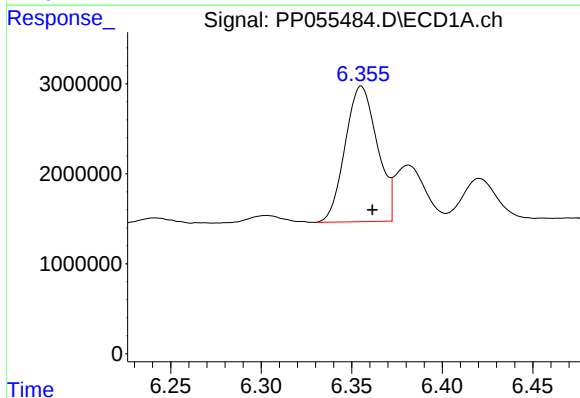
R.T.: 6.420 min
Delta R.T.: -0.006 min
Response: 6041033
Conc: 81.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



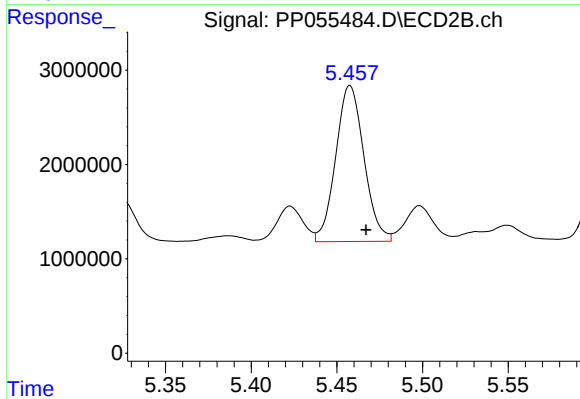
#25 AR-1248-5

R.T.: 5.498 min
Delta R.T.: -0.010 min
Response: 4340076
Conc: 88.27 ng/ml



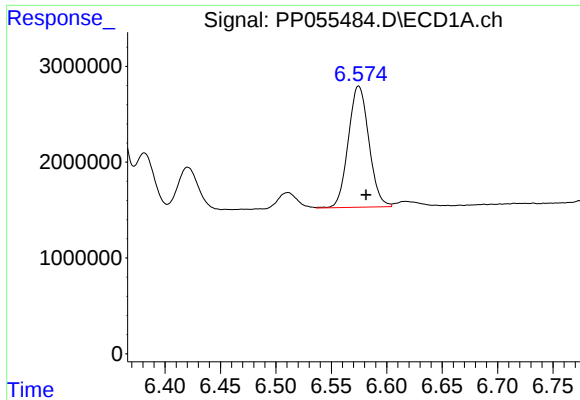
#26 AR-1254-1

R.T.: 6.355 min
Delta R.T.: -0.006 min
Response: 18577152
Conc: 235.47 ng/ml



#26 AR-1254-1

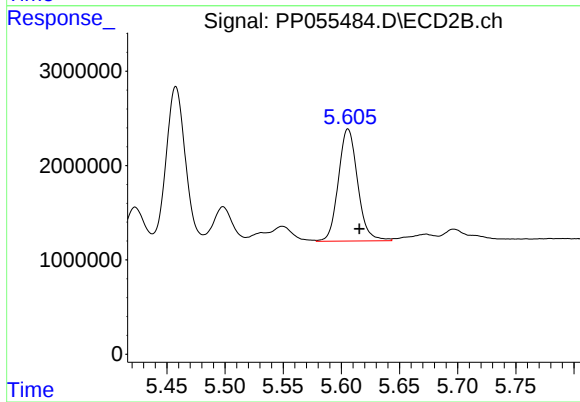
R.T.: 5.458 min
Delta R.T.: -0.009 min
Response: 18995187
Conc: 235.21 ng/ml



#27 AR-1254-2

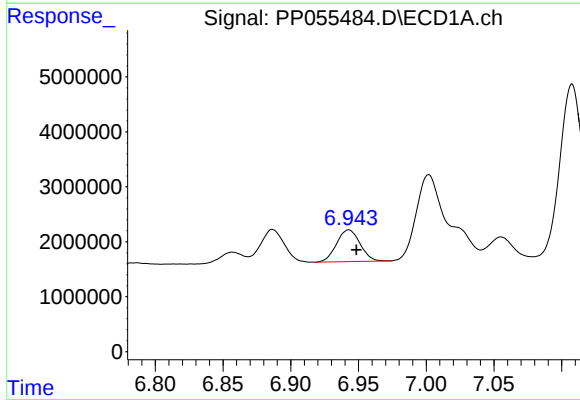
R.T.: 6.575 min
Delta R.T.: -0.007 min
Response: 16370860
Conc: 135.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



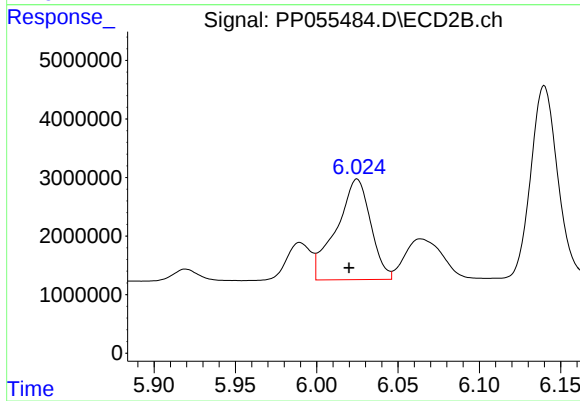
#27 AR-1254-2

R.T.: 5.606 min
Delta R.T.: -0.010 min
Response: 13722016
Conc: 191.75 ng/ml



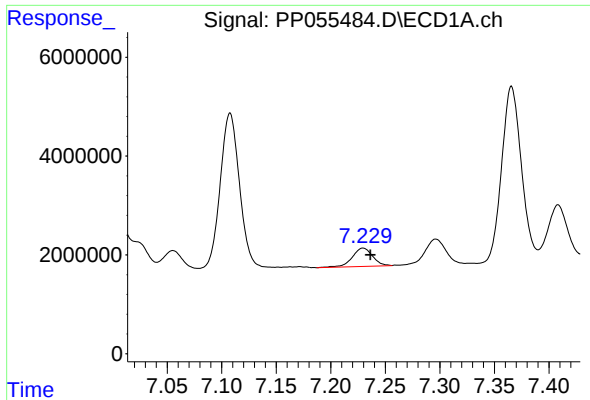
#28 AR-1254-3

R.T.: 6.943 min
Delta R.T.: -0.006 min
Response: 6982216
Conc: 57.00 ng/ml



#28 AR-1254-3

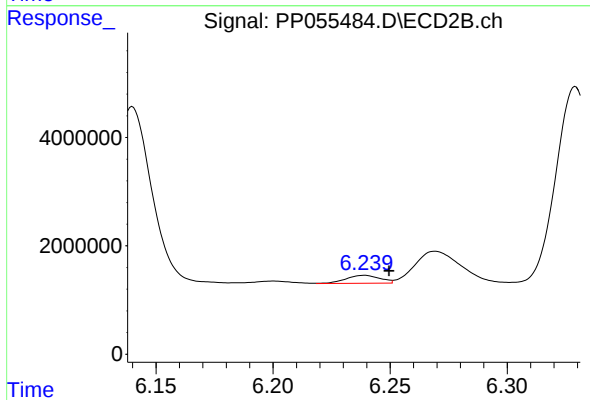
R.T.: 6.025 min
Delta R.T.: 0.005 min
Response: 25186690
Conc: 226.08 ng/ml



#29 AR-1254-4

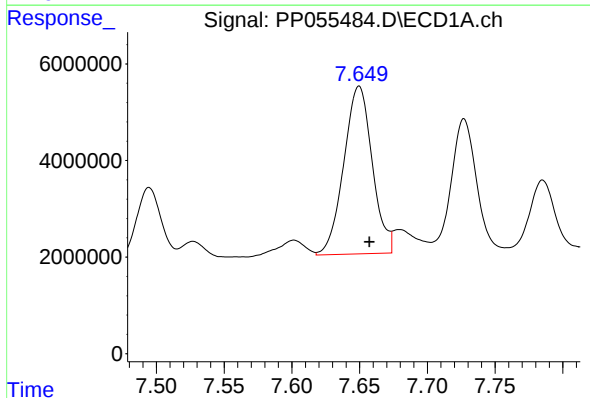
R.T.: 7.230 min
Delta R.T.: -0.007 min
Response: 4829642
Conc: 54.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



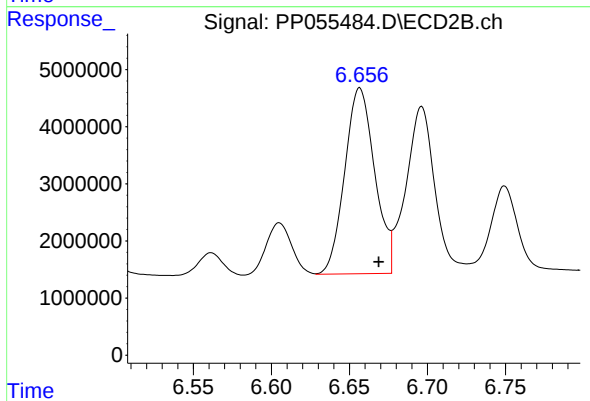
#29 AR-1254-4

R.T.: 6.239 min
Delta R.T.: -0.011 min
Response: 1476663
Conc: 24.01 ng/ml



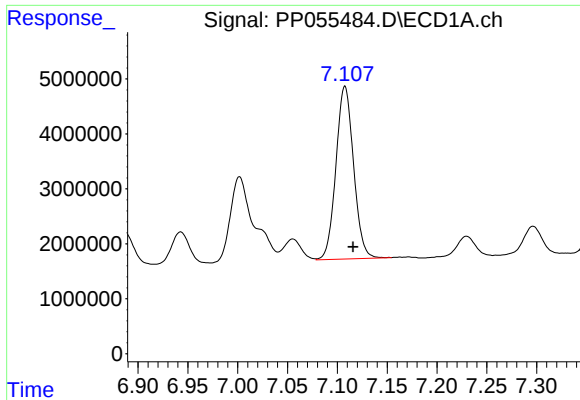
#30 AR-1254-5

R.T.: 7.650 min
Delta R.T.: -0.008 min
Response: 50840123
Conc: 502.57 ng/ml



#30 AR-1254-5

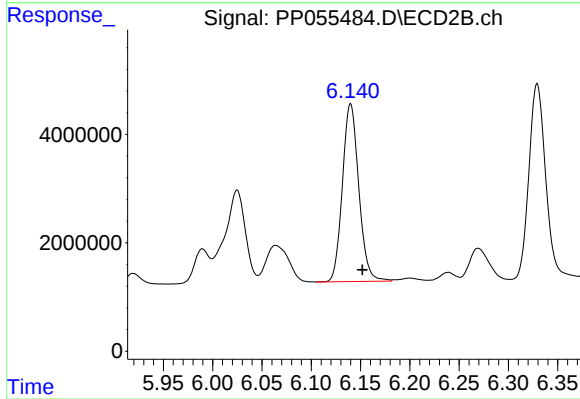
R.T.: 6.657 min
Delta R.T.: -0.012 min
Response: 43587223
Conc: 459.76 ng/ml



#31 AR-1260-1

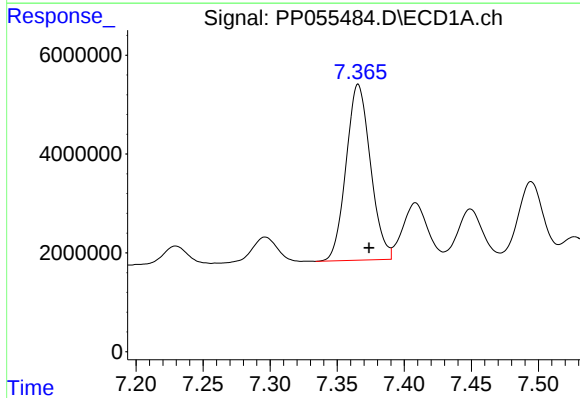
R.T.: 7.108 min
Delta R.T.: -0.008 min
Response: 38707561
Conc: 406.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



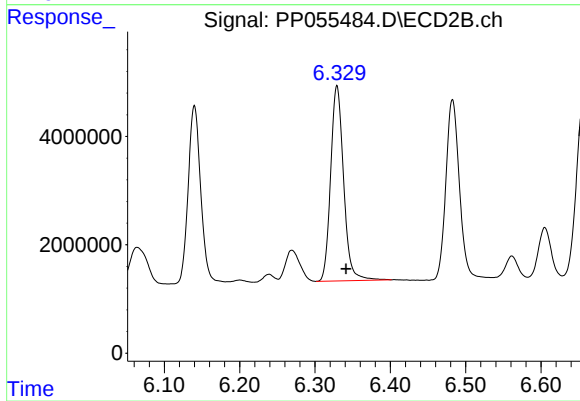
#31 AR-1260-1

R.T.: 6.140 min
Delta R.T.: -0.012 min
Response: 37955011
Conc: 489.46 ng/ml



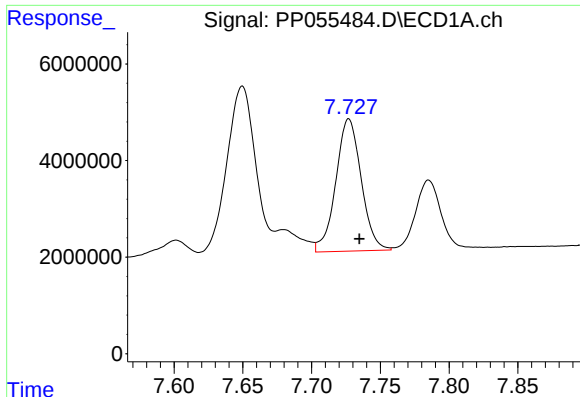
#32 AR-1260-2

R.T.: 7.366 min
Delta R.T.: -0.008 min
Response: 44941841
Conc: 399.32 ng/ml



#32 AR-1260-2

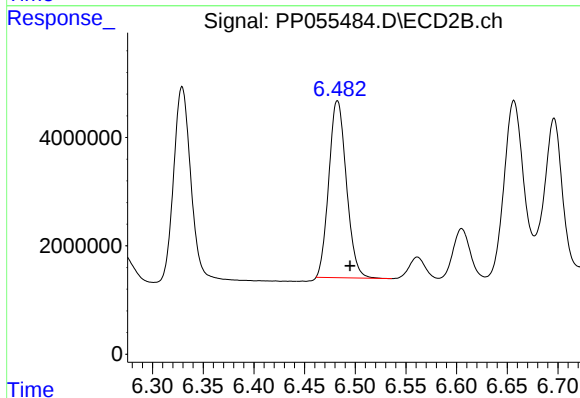
R.T.: 6.329 min
Delta R.T.: -0.012 min
Response: 43165891
Conc: 480.16 ng/ml



#33 AR-1260-3

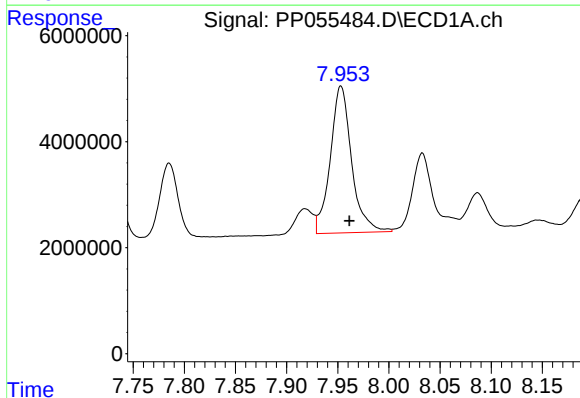
R.T.: 7.727 min
Delta R.T.: -0.008 min
Response: 35239306
Conc: 437.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



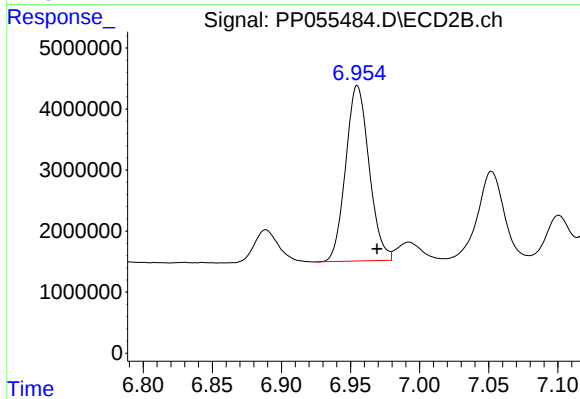
#33 AR-1260-3

R.T.: 6.482 min
Delta R.T.: -0.013 min
Response: 39419834
Conc: 464.25 ng/ml



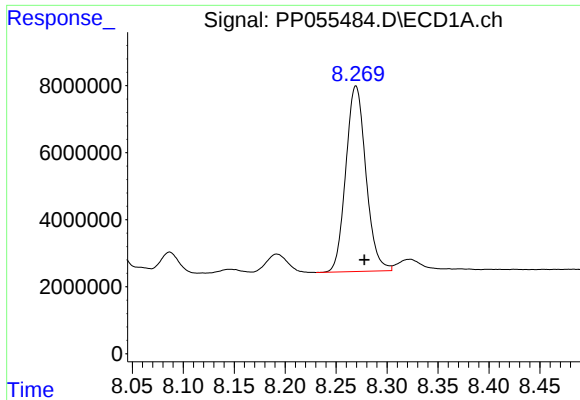
#34 AR-1260-4

R.T.: 7.953 min
Delta R.T.: -0.008 min
Response: 40277496
Conc: 414.90 ng/ml



#34 AR-1260-4

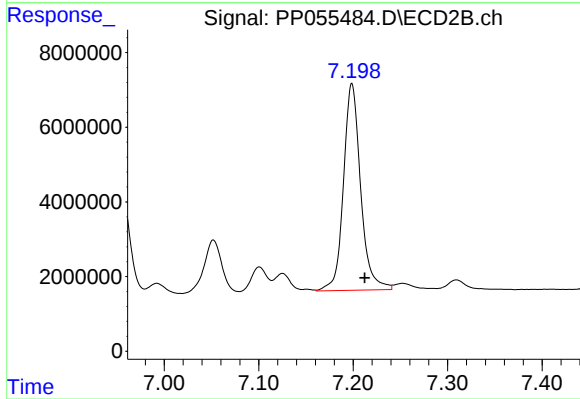
R.T.: 6.955 min
Delta R.T.: -0.014 min
Response: 33896138
Conc: 473.39 ng/ml



#35 AR-1260-5

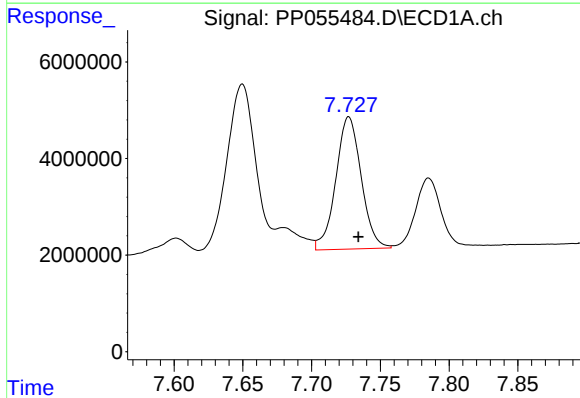
R.T.: 8.269 min
Delta R.T.: -0.008 min
Response: 76025142
Conc: 427.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



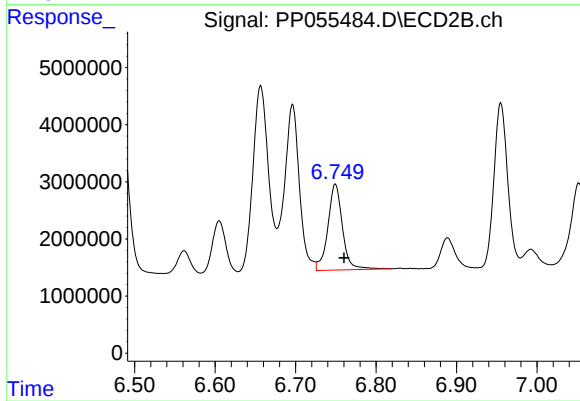
#35 AR-1260-5

R.T.: 7.199 min
Delta R.T.: -0.014 min
Response: 69924918
Conc: 454.84 ng/ml



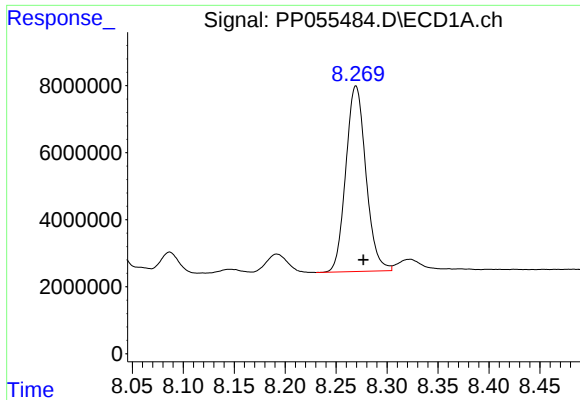
#36 AR-1262-1

R.T.: 7.727 min
Delta R.T.: -0.007 min
Response: 35239306
Conc: 298.68 ng/ml



#36 AR-1262-1

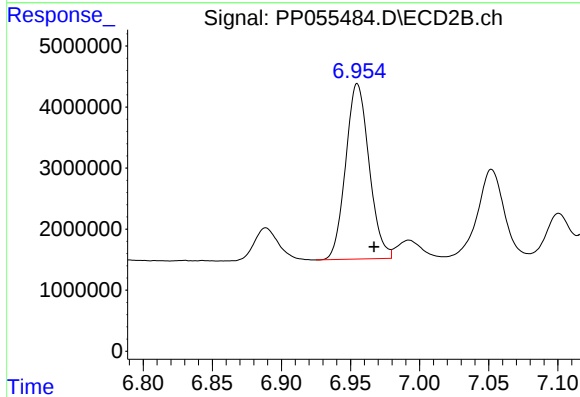
R.T.: 6.749 min
Delta R.T.: -0.011 min
Response: 18984542
Conc: 441.90 ng/ml



#37 AR-1262-2

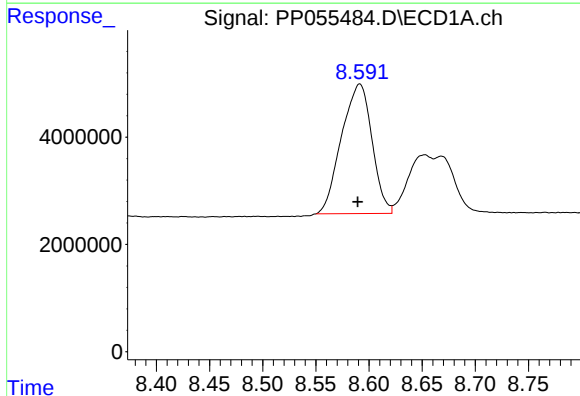
R.T.: 8.269 min
Delta R.T.: -0.007 min
Response: 76025142
Conc: 377.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



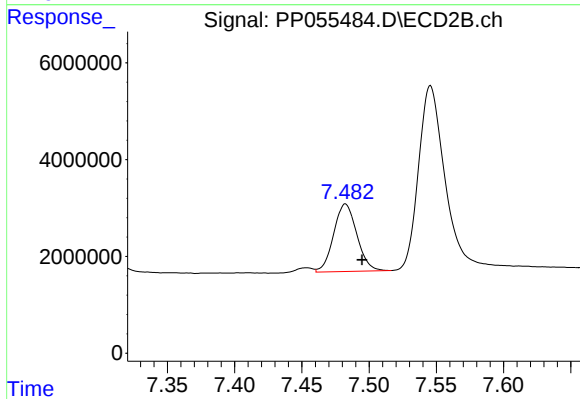
#37 AR-1262-2

R.T.: 6.955 min
Delta R.T.: -0.012 min
Response: 33896138
Conc: 365.96 ng/ml



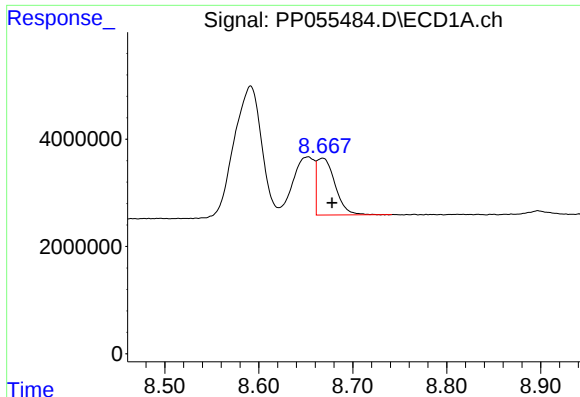
#38 AR-1262-3

R.T.: 8.591 min
Delta R.T.: 0.002 min
Response: 48232714
Conc: 346.82 ng/ml



#38 AR-1262-3

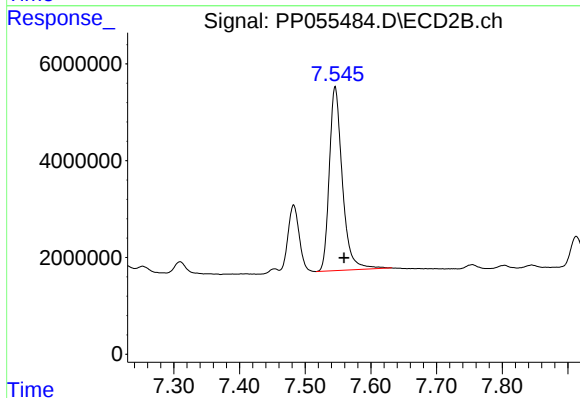
R.T.: 7.482 min
Delta R.T.: -0.012 min
Response: 16693292
Conc: 229.11 ng/ml



#39 AR-1262-4

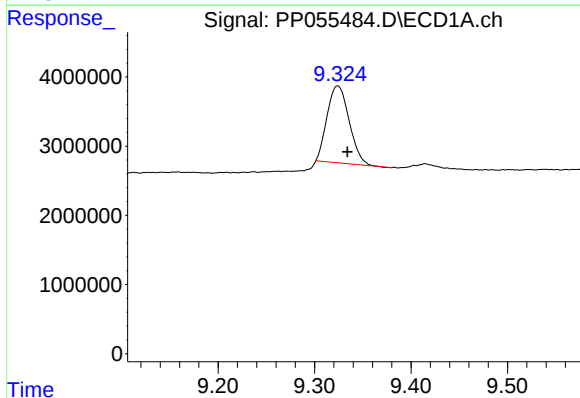
R.T.: 8.668 min
Delta R.T.: -0.010 min
Response: 14212558
Conc: 184.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



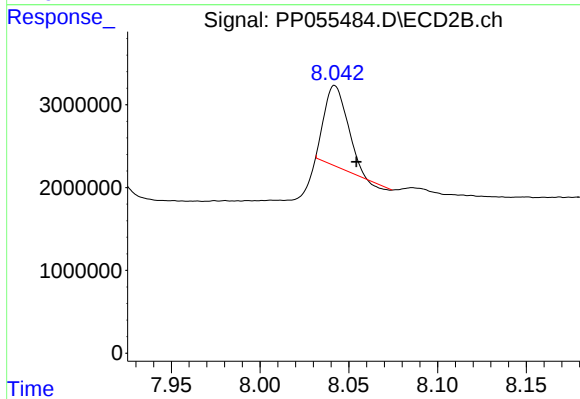
#39 AR-1262-4

R.T.: 7.546 min
Delta R.T.: -0.013 min
Response: 52412332
Conc: 400.77 ng/ml



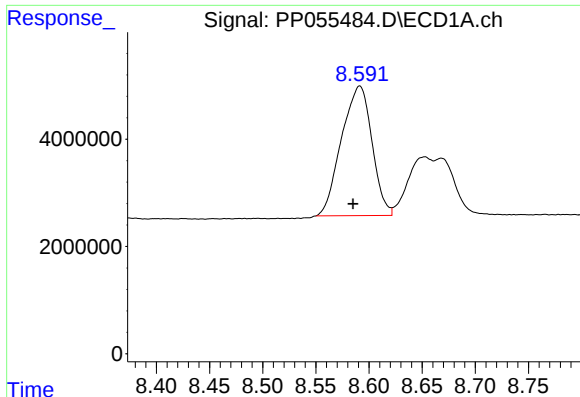
#40 AR-1262-5

R.T.: 9.324 min
Delta R.T.: -0.010 min
Response: 17627400
Conc: 246.47 ng/ml



#40 AR-1262-5

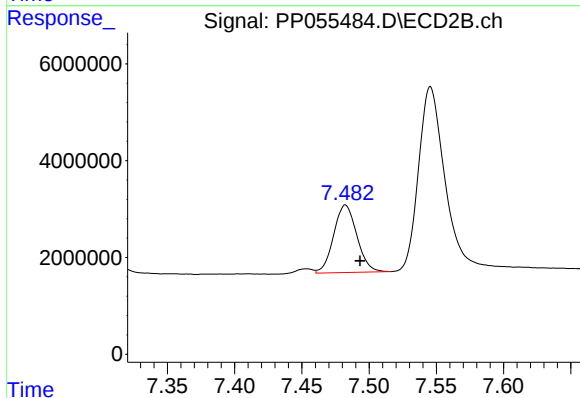
R.T.: 8.042 min
Delta R.T.: -0.012 min
Response: 8644072
Conc: 145.70 ng/ml



#41 AR-1268-1

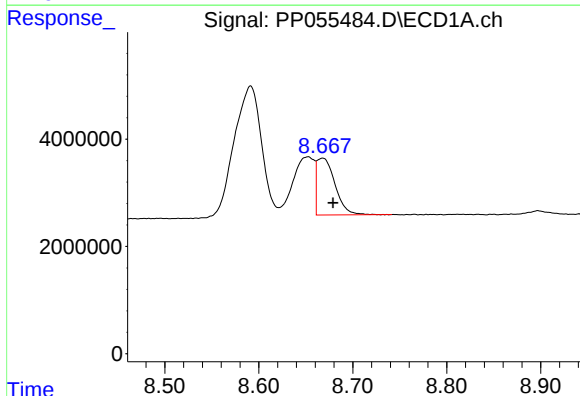
R.T.: 8.591 min
Delta R.T.: 0.006 min
Response: 48232714
Conc: 197.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



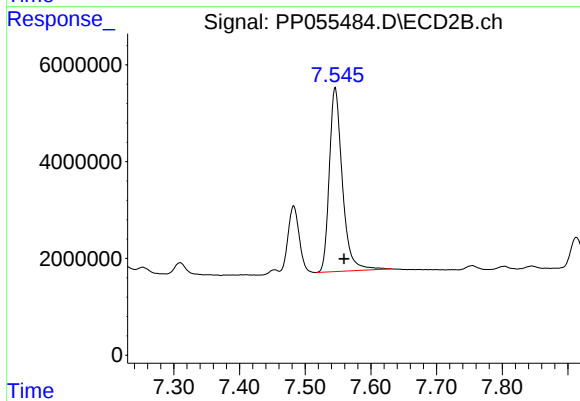
#41 AR-1268-1

R.T.: 7.482 min
Delta R.T.: -0.011 min
Response: 16693292
Conc: 77.20 ng/ml



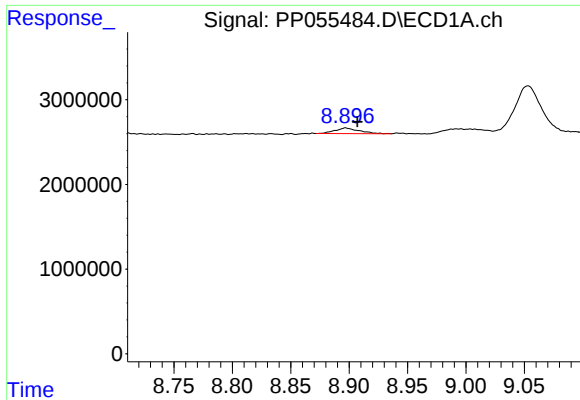
#42 AR-1268-2

R.T.: 8.668 min
Delta R.T.: -0.011 min
Response: 14212558
Conc: 62.58 ng/ml



#42 AR-1268-2

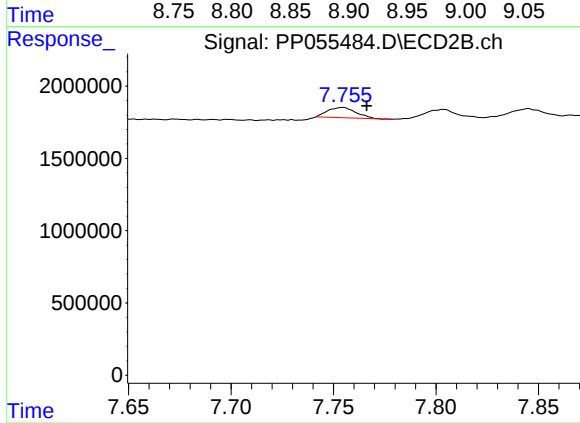
R.T.: 7.546 min
Delta R.T.: -0.013 min
Response: 52412332
Conc: 268.60 ng/ml



#43 AR-1268-3

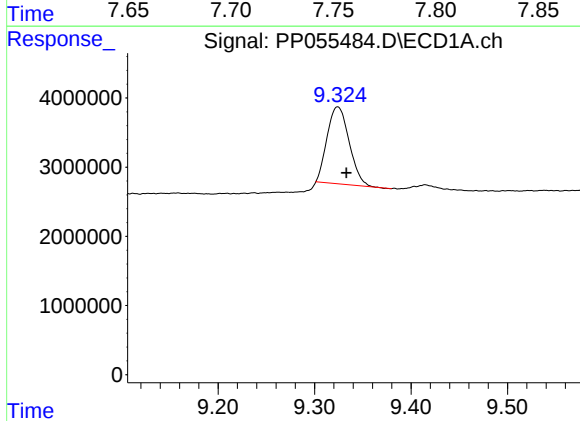
R.T.: 8.897 min
Delta R.T.: -0.010 min
Response: 945305
Conc: 4.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



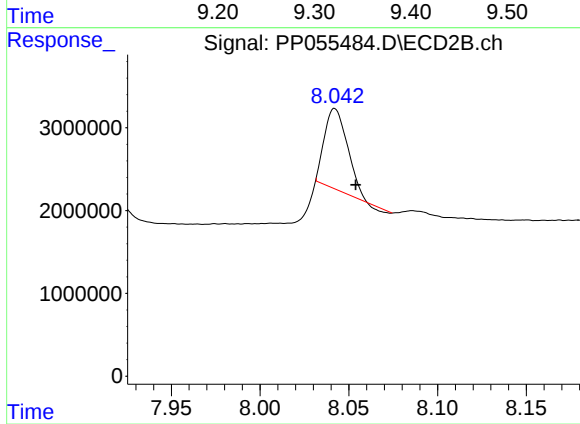
#43 AR-1268-3

R.T.: 7.754 min
Delta R.T.: -0.012 min
Response: 681282
Conc: 3.97 ng/ml



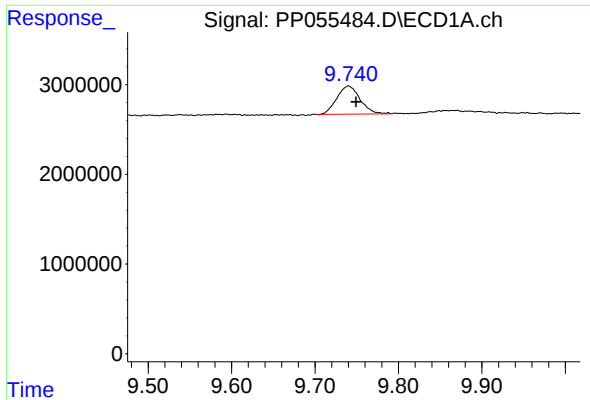
#44 AR-1268-4

R.T.: 9.324 min
Delta R.T.: -0.009 min
Response: 17627400
Conc: 224.42 ng/ml



#44 AR-1268-4

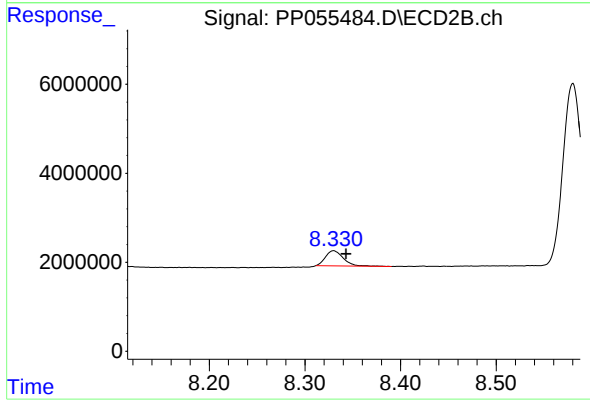
R.T.: 8.042 min
Delta R.T.: -0.012 min
Response: 8644072
Conc: 135.52 ng/ml



#45 AR-1268-5

R.T.: 9.740 min
Delta R.T.: -0.009 min
Response: 6063567
Conc: 9.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.330 min
Delta R.T.: -0.013 min
Response: 4374547
Conc: 8.31 ng/ml