

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022323\
 Data File : PP055905.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2023 05:42
 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 24 06:22:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 20 05:24:03 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...	4.323	3.566	86222919	66993130	53.513	45.880
2)	SA Decachlor...	10.070	8.569	88582424	54217142	43.424	47.790
Target Compounds							
3)	L1 AR-1016-1	5.493	4.648	30846732	20713877	516.923	460.001
4)	L1 AR-1016-2	5.516	4.666	44071851	29676036	503.741	456.949
5)	L1 AR-1016-3	5.578	4.843	27760226	16114829	499.736	463.696
6)	L1 AR-1016-4	5.677	4.885	22347085	13426338	501.489	449.180
7)	L1 AR-1016-5	5.973	5.098	23042429	18686786	477.221	472.682
8)	L2 AR-1221-1	4.526	3.778	2920870	2290595	140.328	127.520
9)	L2 AR-1221-2	4.619	3.864	4566642	3326913	287.089	253.318
10)	L2 AR-1221-3	4.694	3.939	17245836	13036934	355.492	312.354
11)	L3 AR-1232-1	4.694	3.939	17245836	13036934	435.392	378.700
12)	L3 AR-1232-2	5.225	4.666	22913081	29676036	1103.105	1011.099
13)	L3 AR-1232-3	5.516	4.843	44071851	16114829	1118.473	1060.375
14)	L3 AR-1232-4	5.677	4.926	22347085	16875056	1140.757	1113.158
15)	L3 AR-1232-5	5.769	5.098	18255814	18686786	1141.466	1140.029
16)	L4 AR-1242-1	5.493	4.648	30846732	20713877	638.830	562.984
17)	L4 AR-1242-2	5.516	4.666	44071851	29676036	620.215	563.414
18)	L4 AR-1242-3	5.578	4.843	27760226	16114829	622.228	569.217
19)	L4 AR-1242-4	5.677	4.926	22347085	16875056	618.511	546.953
20)	L4 AR-1242-5	6.417	5.450	6853257	18027443	163.604	541.213 #
21)	L5 AR-1248-1	5.493	4.648	30846732	20713877	847.831	741.686
22)	L5 AR-1248-2	5.769	4.885	18255814	13426338	317.284	315.612
23)	L5 AR-1248-3	5.973	4.926	23042429	16875056	354.617	379.203
24)	L5 AR-1248-4	6.378	5.098	8063350	18686786	111.137	364.966 #
25)	L5 AR-1248-5	6.417	5.491	6853257	5259187	96.691	119.320
26)	L6 AR-1254-1	6.352	5.450	19644099	18027443	267.187	245.031
27)	L6 AR-1254-2	6.571	5.598	18074774	13989548	156.621	222.350 #
28)	L6 AR-1254-3	6.939	6.018	11373575	22524177	92.416	229.657 #
29)	L6 AR-1254-4	7.226	6.232	10987537	1798924	119.625	32.680 #
30)	L6 AR-1254-5	7.646	6.650	66334654	38602278	631.139	475.111
31)	L7 AR-1260-1	7.104	6.133	54237550	33219417	523.812	455.675
32)	L7 AR-1260-2	7.363	6.322	60042056	37876807	477.389	464.189
33)	L7 AR-1260-3	7.724	6.475	43911906	35209248	499.981	416.646
34)	L7 AR-1260-4	7.949	6.948	51400043	29193582	478.251	456.144
35)	L7 AR-1260-5	8.266	7.192	97443423	63089042	471.998	466.085
36)	L8 AR-1262-1	7.724	6.742	43911906	15846973	372.195	449.583
37)	L8 AR-1262-2	8.266	6.948	97443423	29193582	443.981	393.163
38)	L8 AR-1262-3	8.588	7.475	61977471	13488944	405.403	243.113 #
39)	L8 AR-1262-4	8.665	7.539	17342625	45498152	230.359	448.187 #
40)	L8 AR-1262-5	9.320	8.034	26206473	15152504	317.861	333.193
41)	L9 AR-1268-1	8.588	7.475	61977471	13488944	217.161	80.226 #

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 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

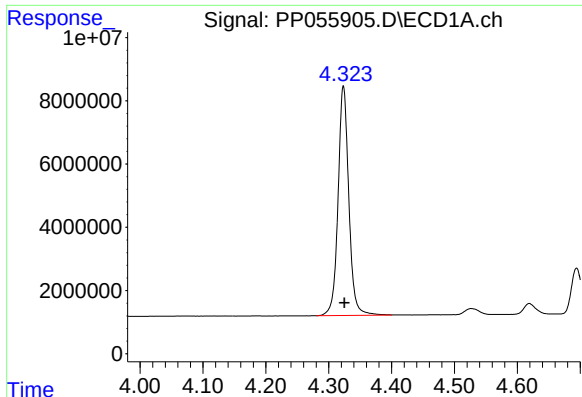
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 24 06:22:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.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	8.665	7.539	17342625	45498152	65.044	297.450 #
43) L9	AR-1268-3	8.897	7.744	1676550	866430	7.124	6.315
44) L9	AR-1268-4	9.320	8.034	26206473	15152504	265.438	275.414
45) L9	AR-1268-5	9.734	8.321	7832244	4338441	10.404	10.756

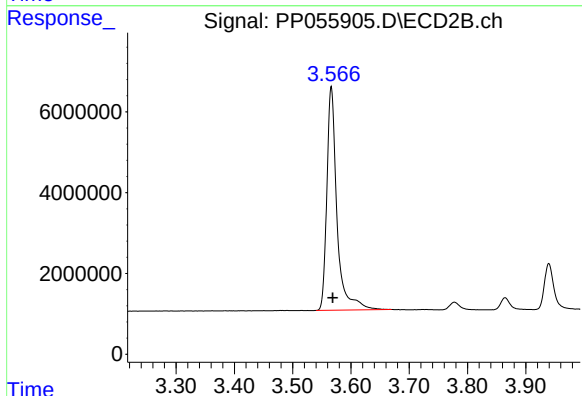
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

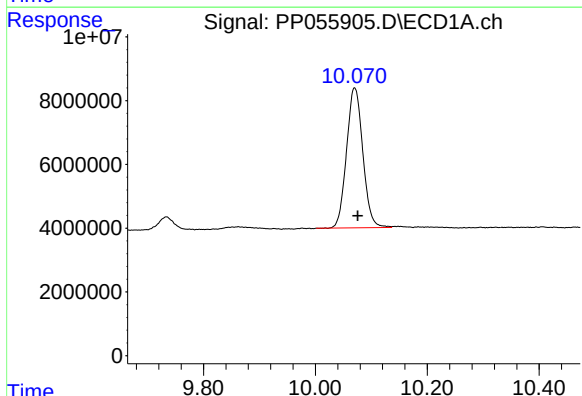
R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 86222919
Conc: 53.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



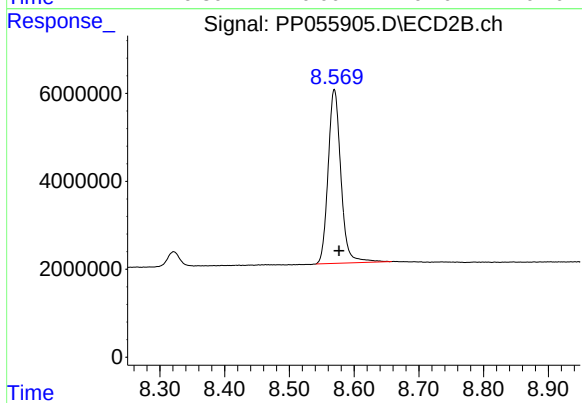
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: -0.002 min
Response: 66993130
Conc: 45.88 ng/ml



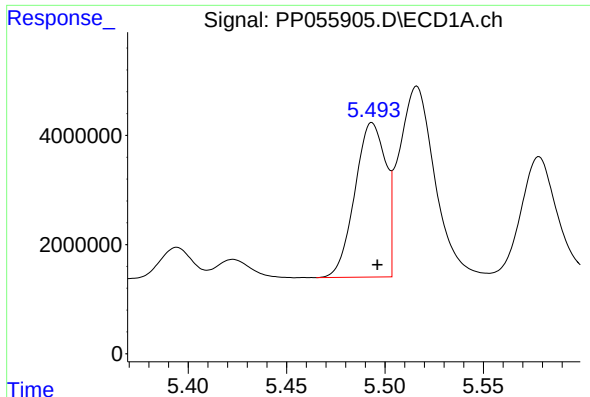
#2 Decachlorobiphenyl

R.T.: 10.070 min
Delta R.T.: -0.006 min
Response: 88582424
Conc: 43.42 ng/ml



#2 Decachlorobiphenyl

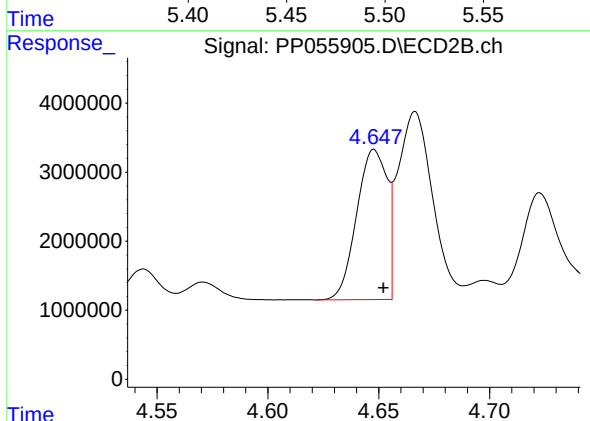
R.T.: 8.569 min
Delta R.T.: -0.007 min
Response: 54217142
Conc: 47.79 ng/ml



#3 AR-1016-1

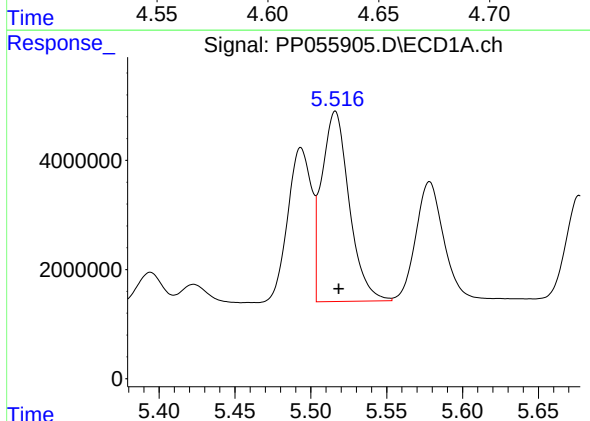
R.T.: 5.493 min
Delta R.T.: -0.003 min
Response: 30846732
Conc: 516.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



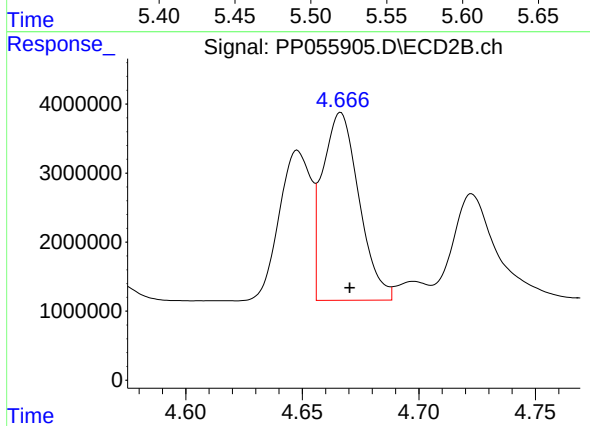
#3 AR-1016-1

R.T.: 4.648 min
Delta R.T.: -0.004 min
Response: 20713877
Conc: 460.00 ng/ml



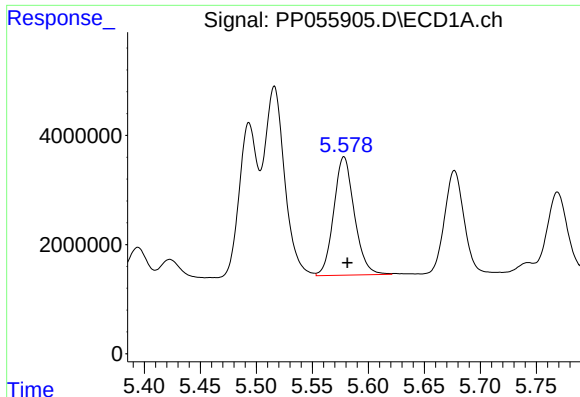
#4 AR-1016-2

R.T.: 5.516 min
Delta R.T.: -0.002 min
Response: 44071851
Conc: 503.74 ng/ml



#4 AR-1016-2

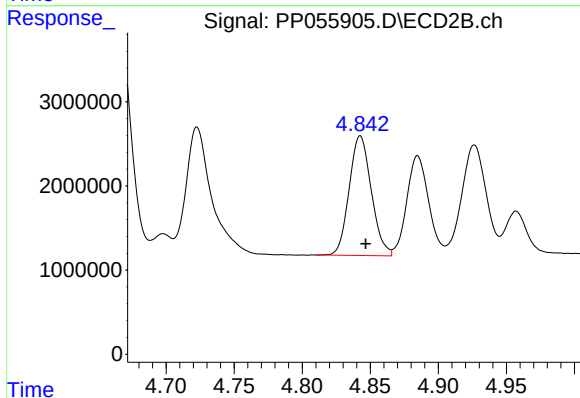
R.T.: 4.666 min
Delta R.T.: -0.004 min
Response: 29676036
Conc: 456.95 ng/ml



#5 AR-1016-3

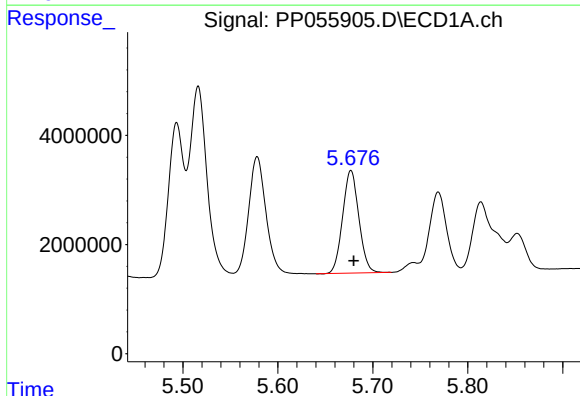
R.T.: 5.578 min
Delta R.T.: -0.003 min
Response: 27760226
Conc: 499.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



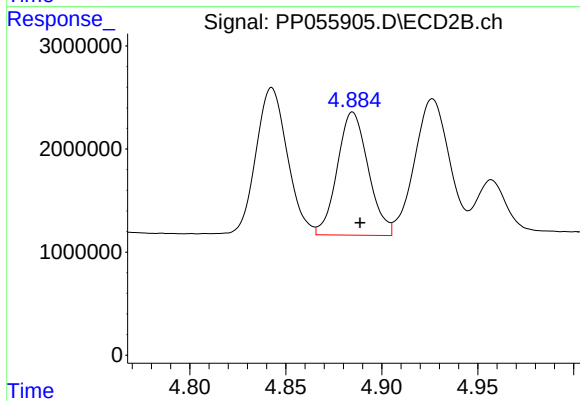
#5 AR-1016-3

R.T.: 4.843 min
Delta R.T.: -0.004 min
Response: 16114829
Conc: 463.70 ng/ml



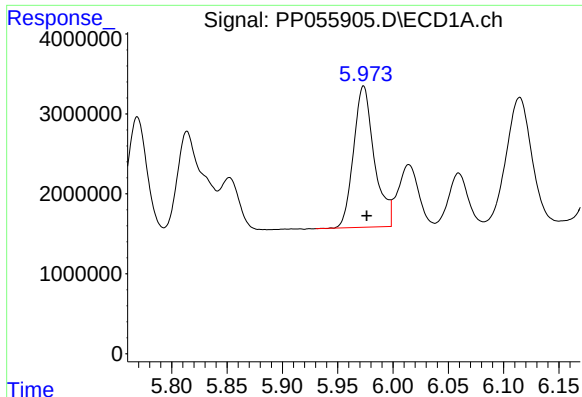
#6 AR-1016-4

R.T.: 5.677 min
Delta R.T.: -0.003 min
Response: 22347085
Conc: 501.49 ng/ml



#6 AR-1016-4

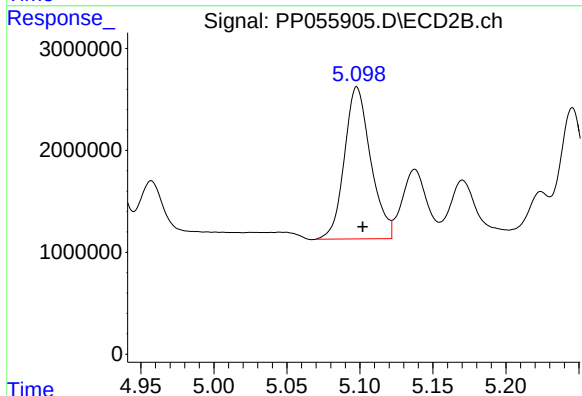
R.T.: 4.885 min
Delta R.T.: -0.004 min
Response: 13426338
Conc: 449.18 ng/ml



#7 AR-1016-5

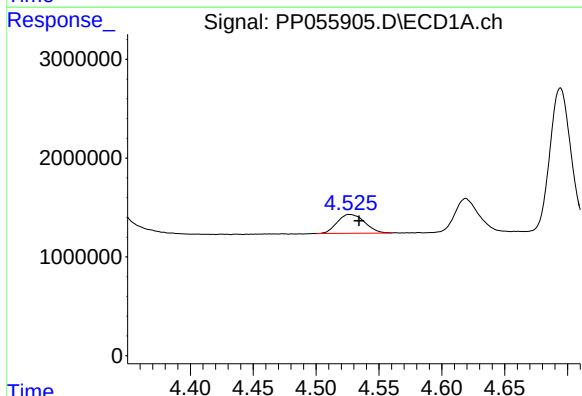
R.T.: 5.973 min
Delta R.T.: -0.003 min
Response: 23042429
Conc: 477.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



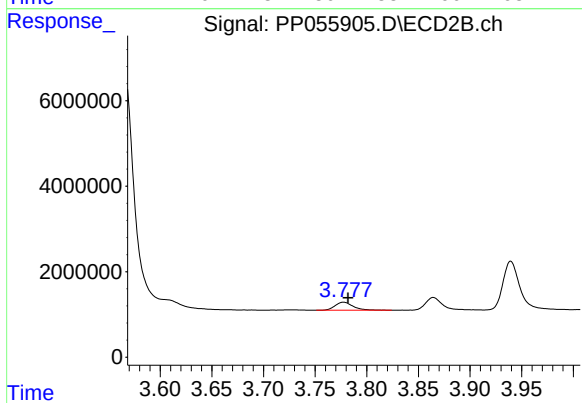
#7 AR-1016-5

R.T.: 5.098 min
Delta R.T.: -0.004 min
Response: 18686786
Conc: 472.68 ng/ml



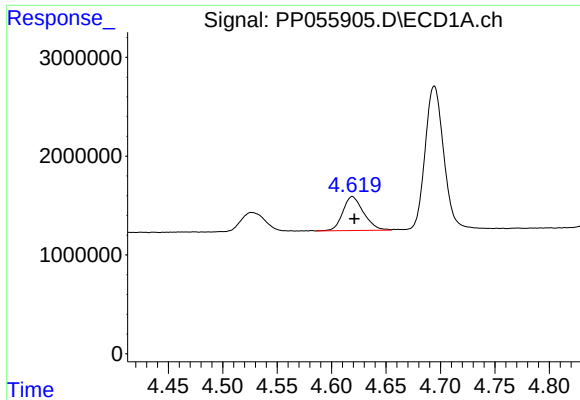
#8 AR-1221-1

R.T.: 4.526 min
Delta R.T.: -0.008 min
Response: 2920870
Conc: 140.33 ng/ml



#8 AR-1221-1

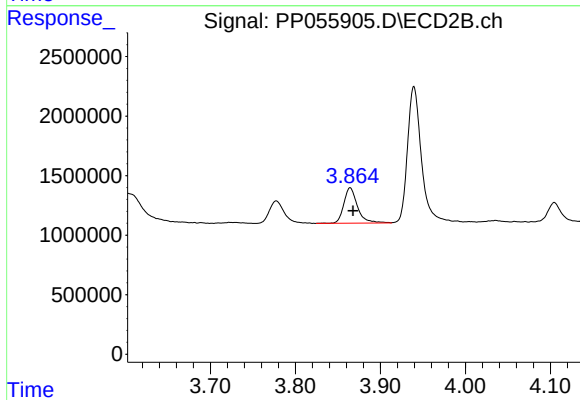
R.T.: 3.778 min
Delta R.T.: -0.004 min
Response: 2290595
Conc: 127.52 ng/ml



#9 AR-1221-2

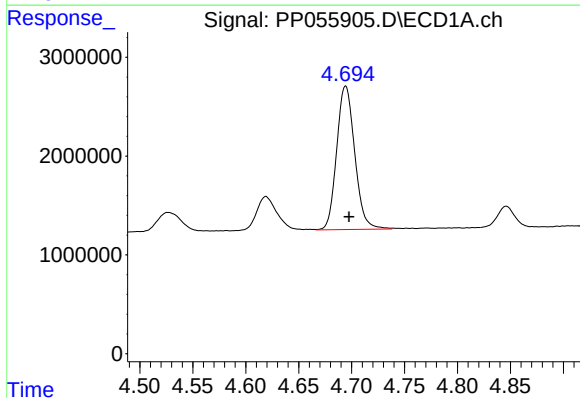
R.T.: 4.619 min
Delta R.T.: -0.002 min
Response: 4566642
Conc: 287.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



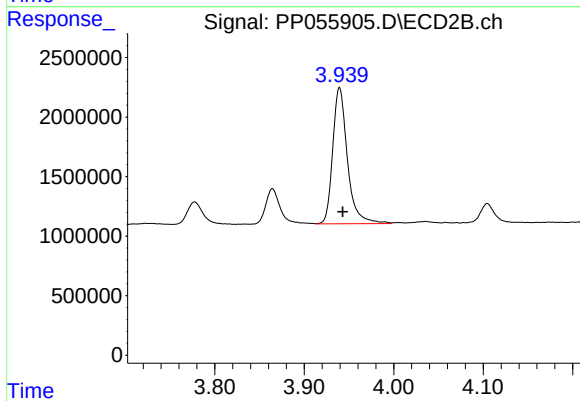
#9 AR-1221-2

R.T.: 3.864 min
Delta R.T.: -0.003 min
Response: 3326913
Conc: 253.32 ng/ml



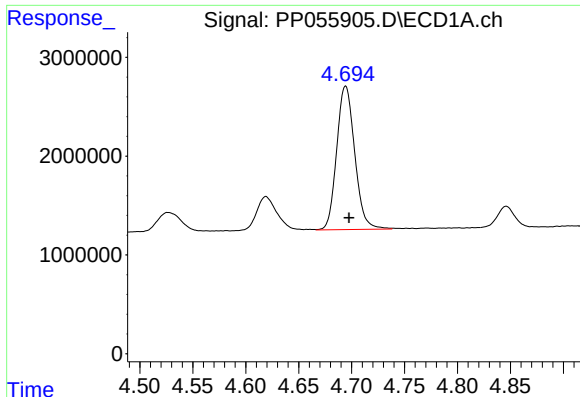
#10 AR-1221-3

R.T.: 4.694 min
Delta R.T.: -0.003 min
Response: 17245836
Conc: 355.49 ng/ml



#10 AR-1221-3

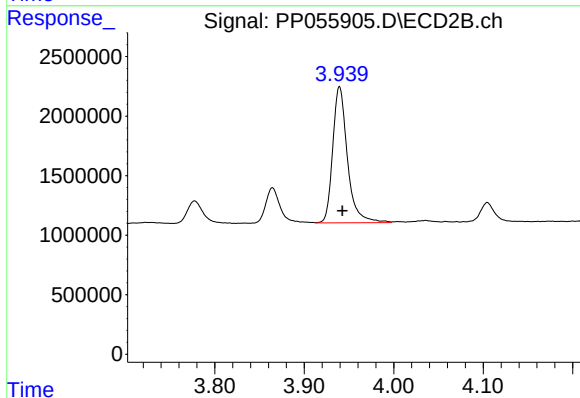
R.T.: 3.939 min
Delta R.T.: -0.004 min
Response: 13036934
Conc: 312.35 ng/ml



#11 AR-1232-1

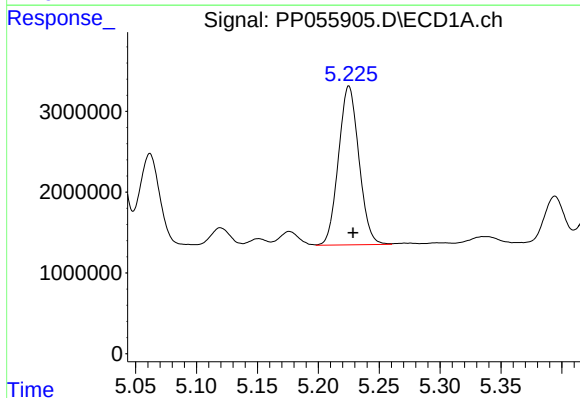
R.T.: 4.694 min
Delta R.T.: -0.003 min
Response: 17245836
Conc: 435.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



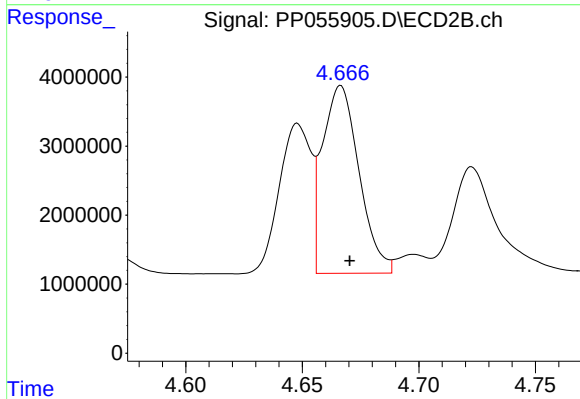
#11 AR-1232-1

R.T.: 3.939 min
Delta R.T.: -0.003 min
Response: 13036934
Conc: 378.70 ng/ml



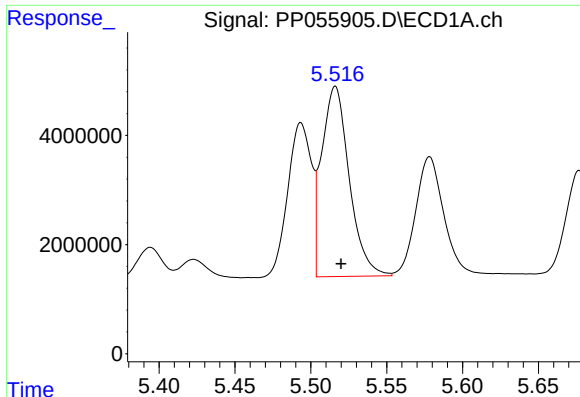
#12 AR-1232-2

R.T.: 5.225 min
Delta R.T.: -0.003 min
Response: 22913081
Conc: 1103.11 ng/ml



#12 AR-1232-2

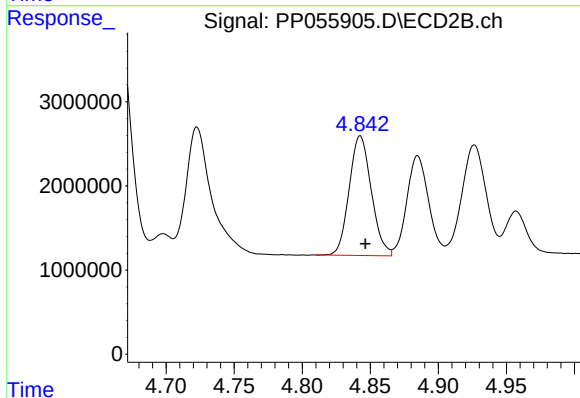
R.T.: 4.666 min
Delta R.T.: -0.004 min
Response: 29676036
Conc: 1011.10 ng/ml



#13 AR-1232-3

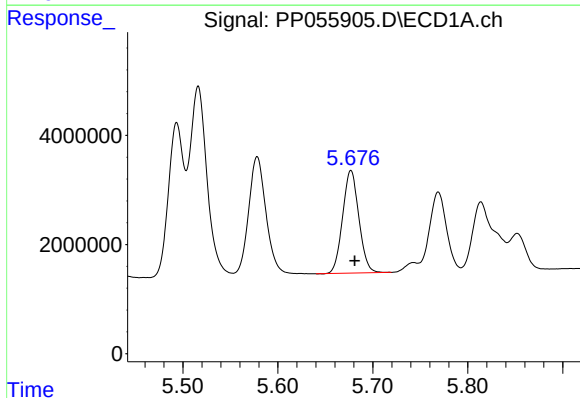
R.T.: 5.516 min
Delta R.T.: -0.004 min
Response: 44071851
Conc: 1118.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



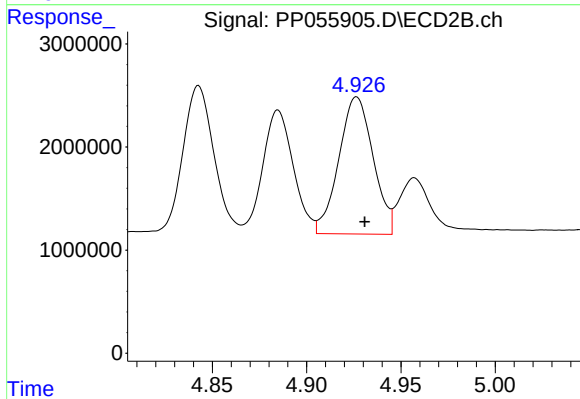
#13 AR-1232-3

R.T.: 4.843 min
Delta R.T.: -0.004 min
Response: 16114829
Conc: 1060.38 ng/ml



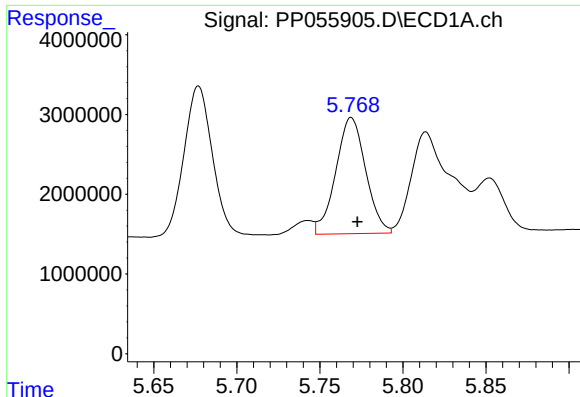
#14 AR-1232-4

R.T.: 5.677 min
Delta R.T.: -0.004 min
Response: 22347085
Conc: 1140.76 ng/ml



#14 AR-1232-4

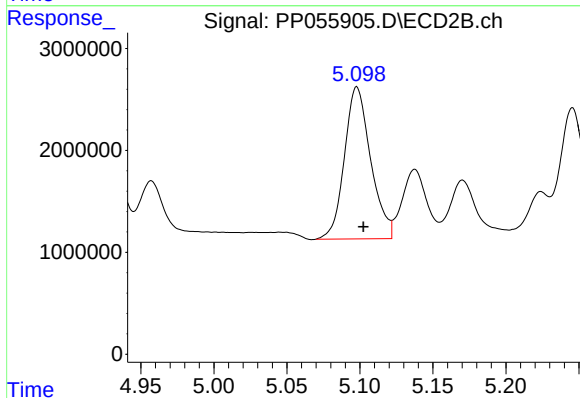
R.T.: 4.926 min
Delta R.T.: -0.004 min
Response: 16875056
Conc: 1113.16 ng/ml



#15 AR-1232-5

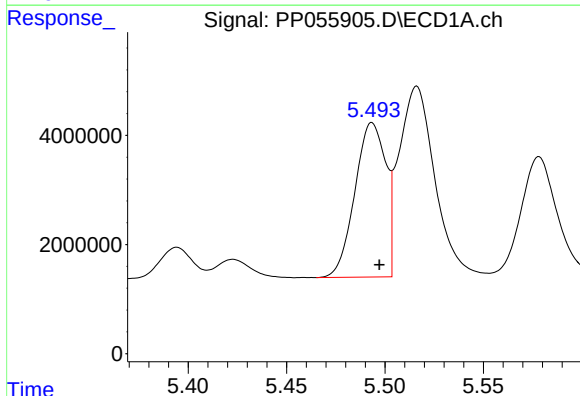
R.T.: 5.769 min
Delta R.T.: -0.004 min
Response: 18255814
Conc: 1141.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



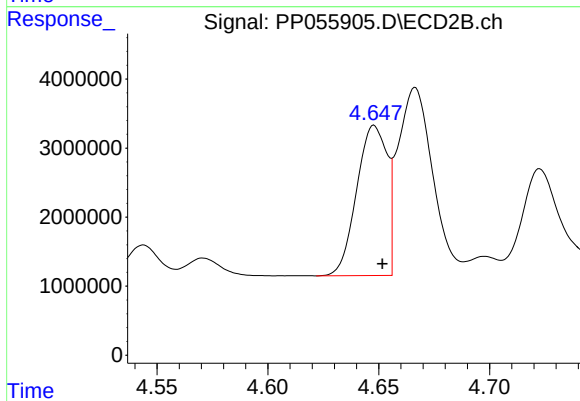
#15 AR-1232-5

R.T.: 5.098 min
Delta R.T.: -0.005 min
Response: 18686786
Conc: 1140.03 ng/ml



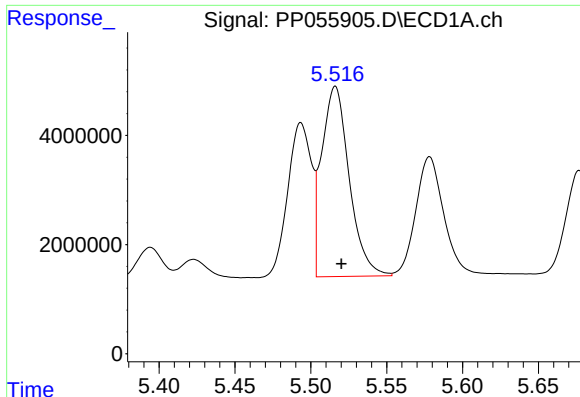
#16 AR-1242-1

R.T.: 5.493 min
Delta R.T.: -0.004 min
Response: 30846732
Conc: 638.83 ng/ml



#16 AR-1242-1

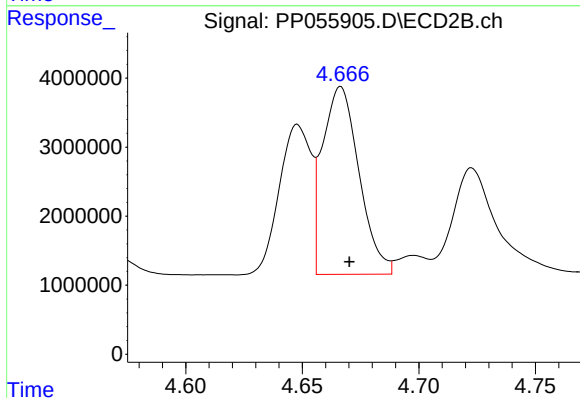
R.T.: 4.648 min
Delta R.T.: -0.004 min
Response: 20713877
Conc: 562.98 ng/ml



#17 AR-1242-2

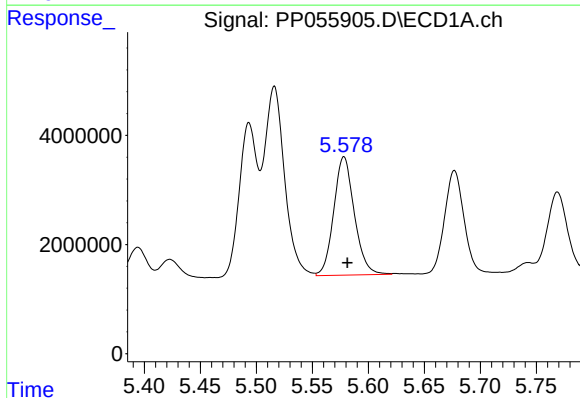
R.T.: 5.516 min
Delta R.T.: -0.004 min
Response: 44071851
Conc: 620.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



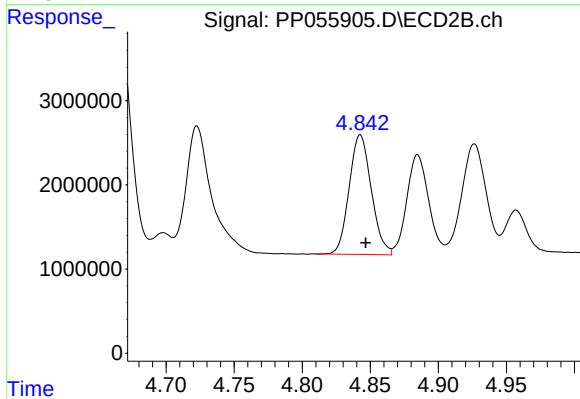
#17 AR-1242-2

R.T.: 4.666 min
Delta R.T.: -0.004 min
Response: 29676036
Conc: 563.41 ng/ml



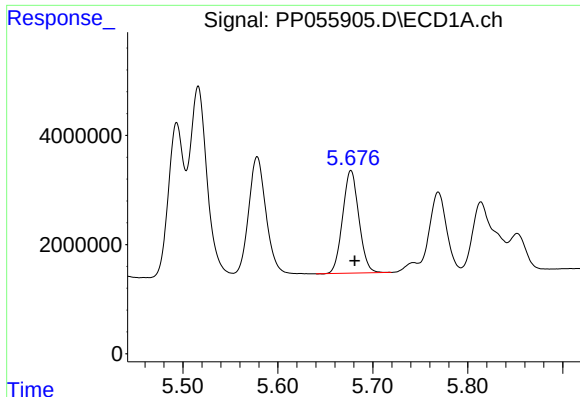
#18 AR-1242-3

R.T.: 5.578 min
Delta R.T.: -0.003 min
Response: 27760226
Conc: 622.23 ng/ml



#18 AR-1242-3

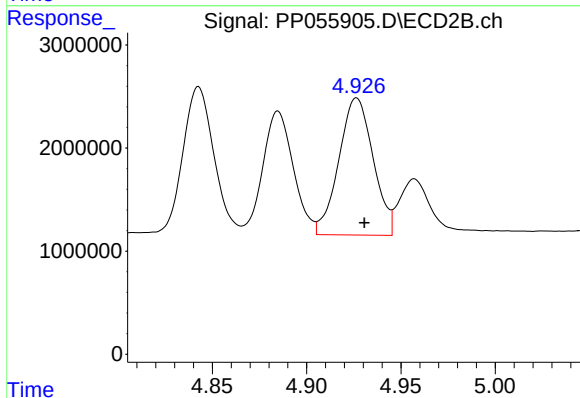
R.T.: 4.843 min
Delta R.T.: -0.004 min
Response: 16114829
Conc: 569.22 ng/ml



#19 AR-1242-4

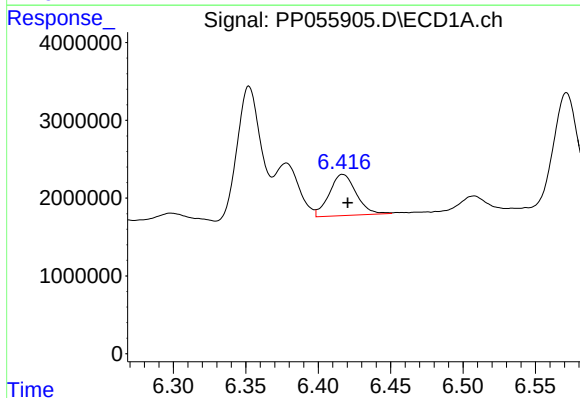
R.T.: 5.677 min
Delta R.T.: -0.004 min
Response: 22347085
Conc: 618.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



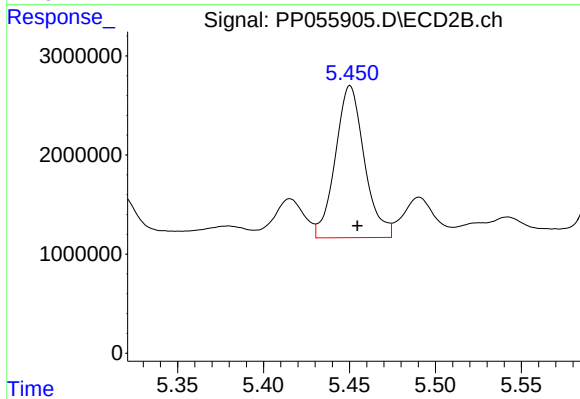
#19 AR-1242-4

R.T.: 4.926 min
Delta R.T.: -0.004 min
Response: 16875056
Conc: 546.95 ng/ml



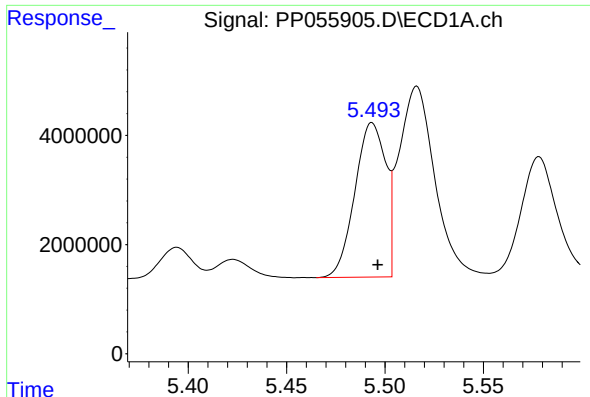
#20 AR-1242-5

R.T.: 6.417 min
Delta R.T.: -0.003 min
Response: 6853257
Conc: 163.60 ng/ml



#20 AR-1242-5

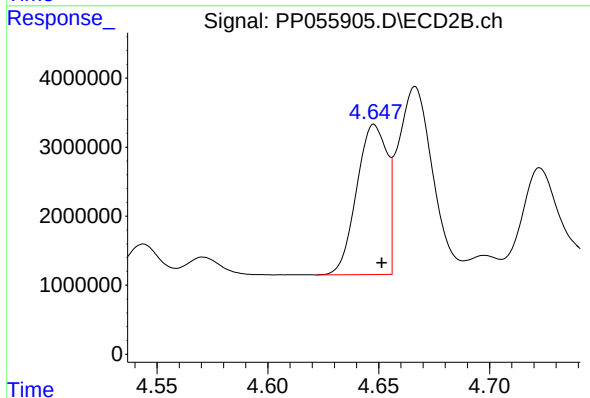
R.T.: 5.450 min
Delta R.T.: -0.004 min
Response: 18027443
Conc: 541.21 ng/ml



#21 AR-1248-1

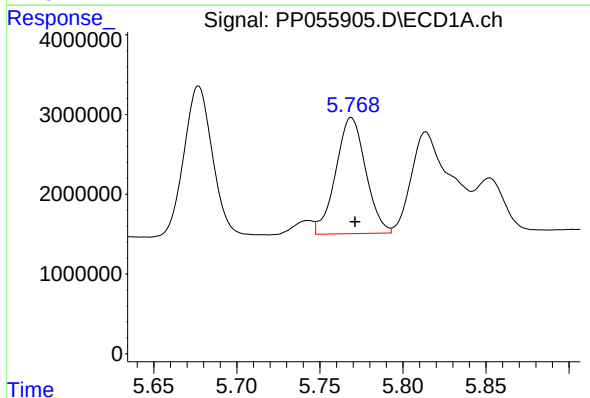
R.T.: 5.493 min
Delta R.T.: -0.003 min
Response: 30846732
Conc: 847.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



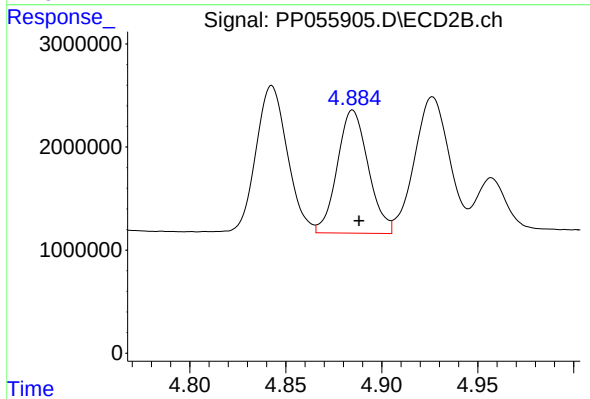
#21 AR-1248-1

R.T.: 4.648 min
Delta R.T.: -0.003 min
Response: 20713877
Conc: 741.69 ng/ml



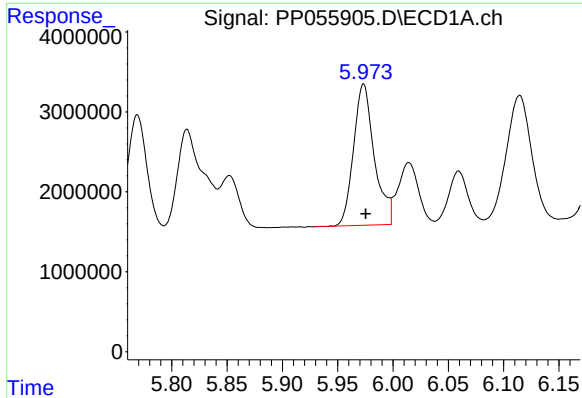
#22 AR-1248-2

R.T.: 5.769 min
Delta R.T.: -0.002 min
Response: 18255814
Conc: 317.28 ng/ml



#22 AR-1248-2

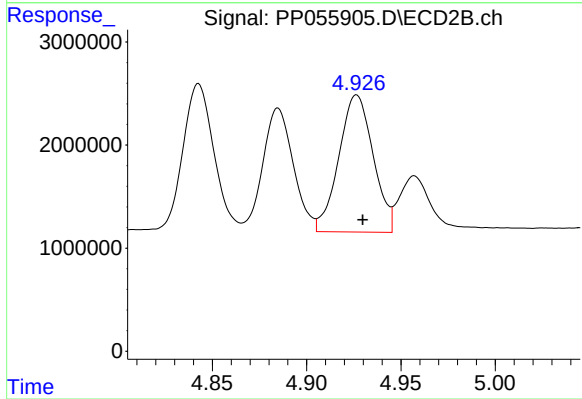
R.T.: 4.885 min
Delta R.T.: -0.003 min
Response: 13426338
Conc: 315.61 ng/ml



#23 AR-1248-3

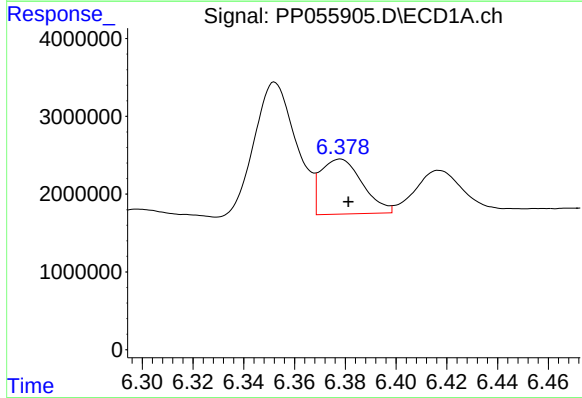
R.T.: 5.973 min
Delta R.T.: -0.002 min
Response: 23042429
Conc: 354.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



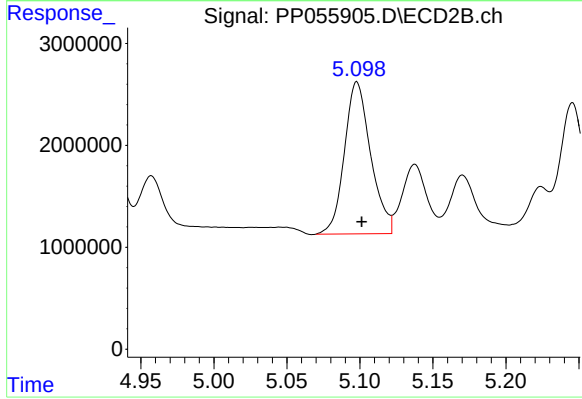
#23 AR-1248-3

R.T.: 4.926 min
Delta R.T.: -0.003 min
Response: 16875056
Conc: 379.20 ng/ml



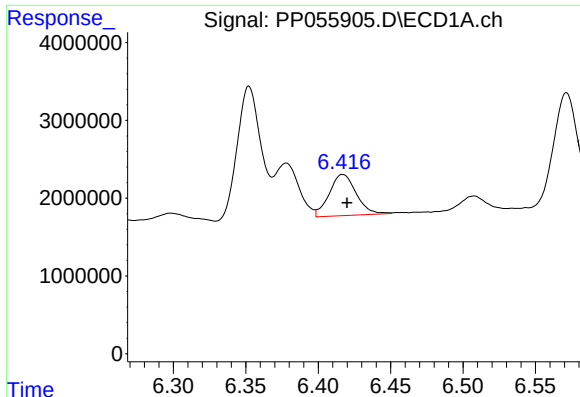
#24 AR-1248-4

R.T.: 6.378 min
Delta R.T.: -0.003 min
Response: 8063350
Conc: 111.14 ng/ml



#24 AR-1248-4

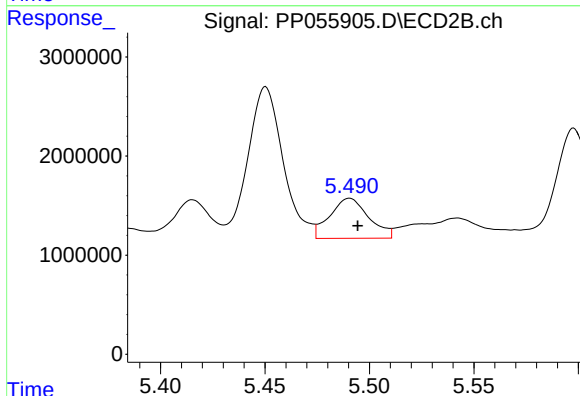
R.T.: 5.098 min
Delta R.T.: -0.003 min
Response: 18686786
Conc: 364.97 ng/ml



#25 AR-1248-5

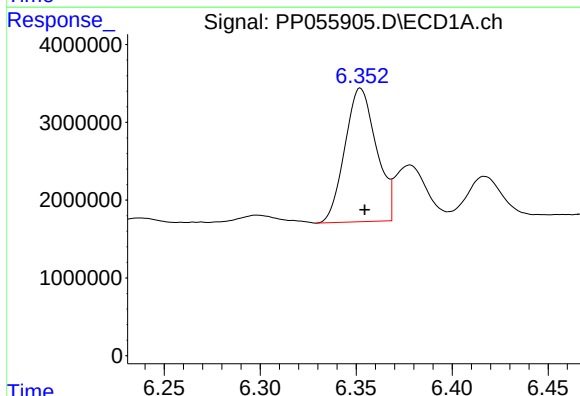
R.T.: 6.417 min
Delta R.T.: -0.003 min
Response: 6853257
Conc: 96.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



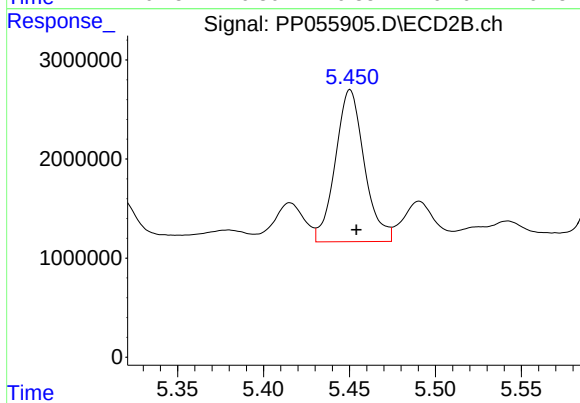
#25 AR-1248-5

R.T.: 5.491 min
Delta R.T.: -0.004 min
Response: 5259187
Conc: 119.32 ng/ml



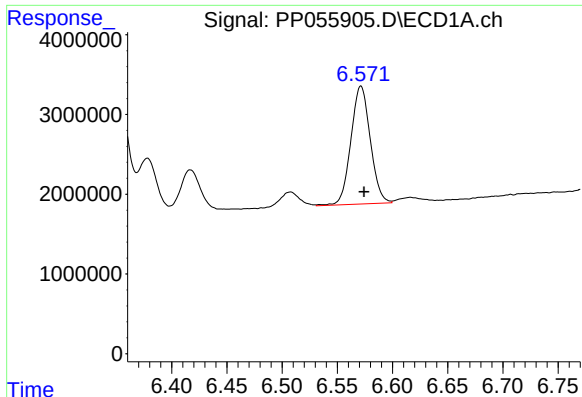
#26 AR-1254-1

R.T.: 6.352 min
Delta R.T.: -0.002 min
Response: 19644099
Conc: 267.19 ng/ml



#26 AR-1254-1

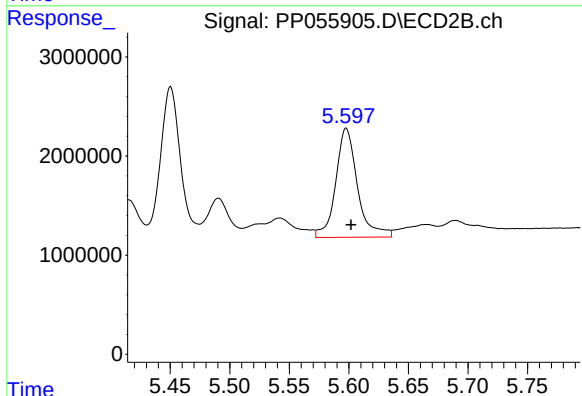
R.T.: 5.450 min
Delta R.T.: -0.004 min
Response: 18027443
Conc: 245.03 ng/ml



#27 AR-1254-2

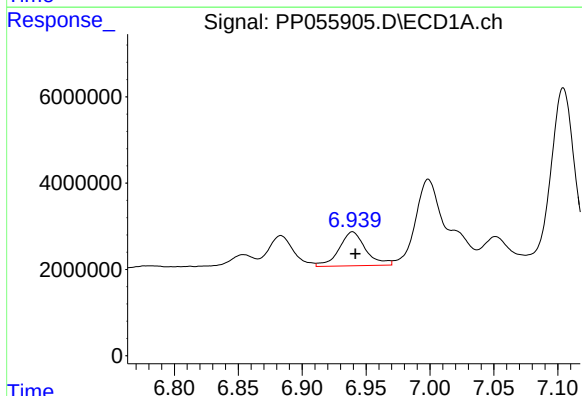
R.T.: 6.571 min
Delta R.T.: -0.003 min
Response: 18074774
Conc: 156.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



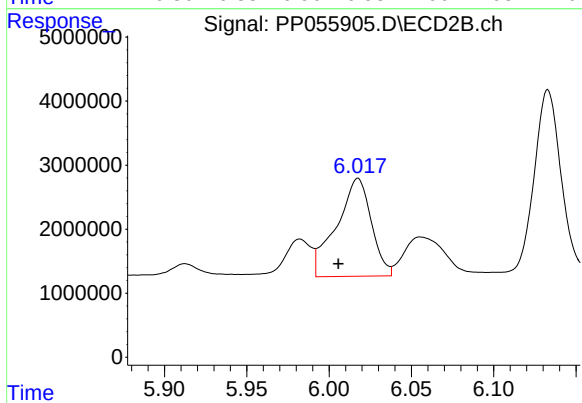
#27 AR-1254-2

R.T.: 5.598 min
Delta R.T.: -0.004 min
Response: 13989548
Conc: 222.35 ng/ml



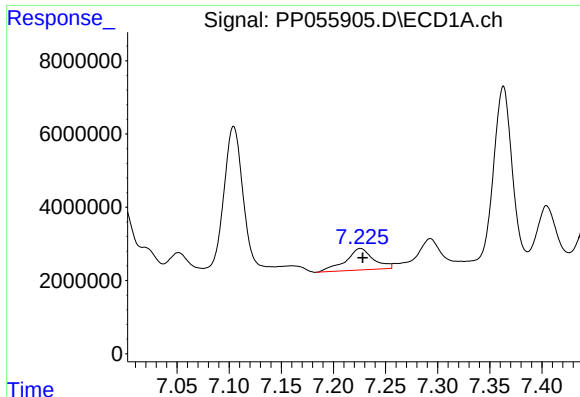
#28 AR-1254-3

R.T.: 6.939 min
Delta R.T.: -0.002 min
Response: 11373575
Conc: 92.42 ng/ml



#28 AR-1254-3

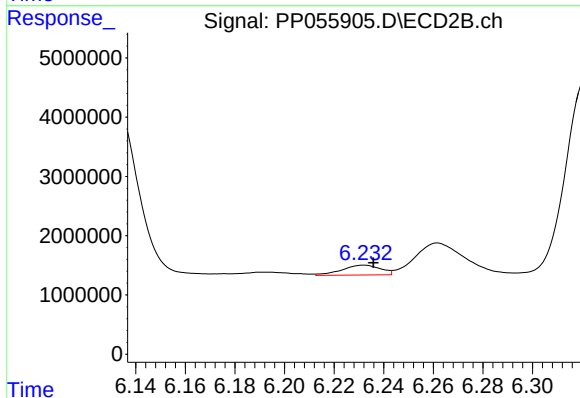
R.T.: 6.018 min
Delta R.T.: 0.012 min
Response: 22524177
Conc: 229.66 ng/ml



#29 AR-1254-4

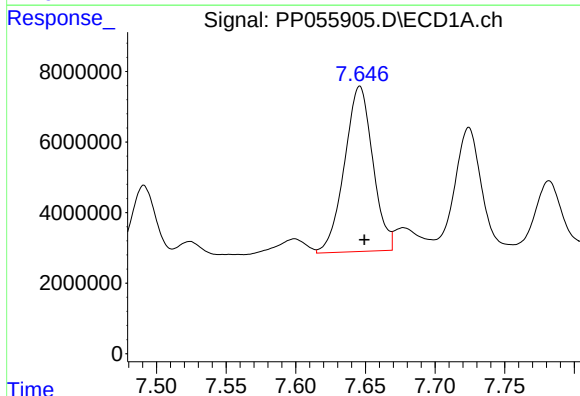
R.T.: 7.226 min
Delta R.T.: -0.002 min
Response: 10987537
Conc: 119.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



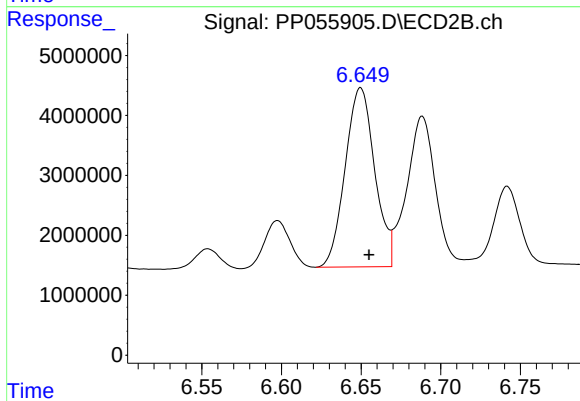
#29 AR-1254-4

R.T.: 6.232 min
Delta R.T.: -0.004 min
Response: 1798924
Conc: 32.68 ng/ml



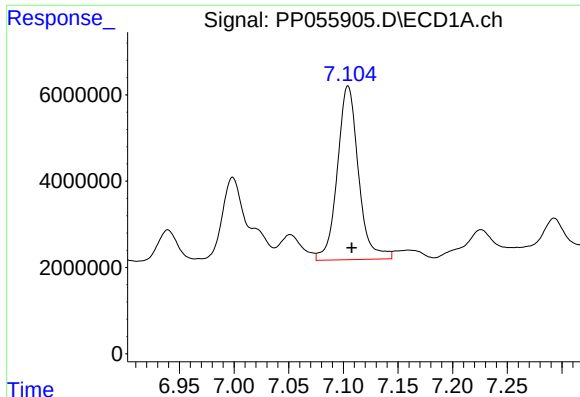
#30 AR-1254-5

R.T.: 7.646 min
Delta R.T.: -0.003 min
Response: 66334654
Conc: 631.14 ng/ml



#30 AR-1254-5

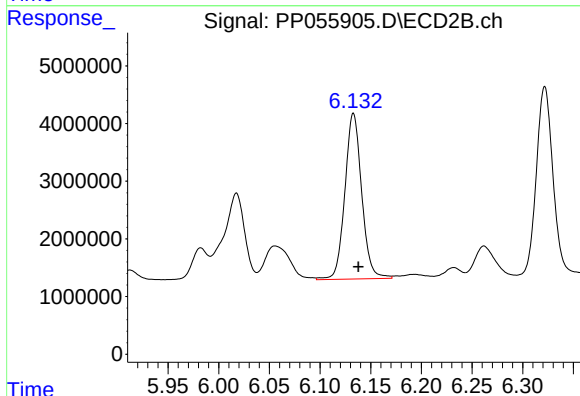
R.T.: 6.650 min
Delta R.T.: -0.005 min
Response: 38602278
Conc: 475.11 ng/ml



#31 AR-1260-1

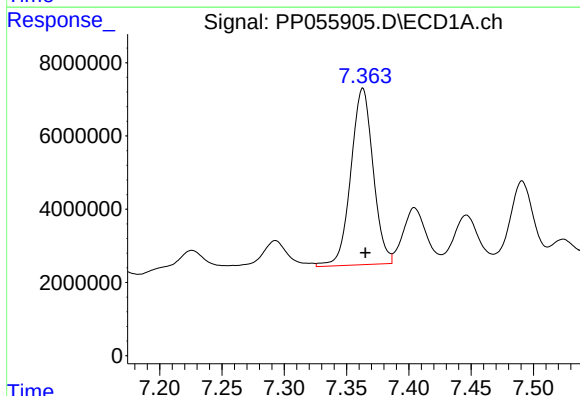
R.T.: 7.104 min
Delta R.T.: -0.003 min
Response: 54237550
Conc: 523.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



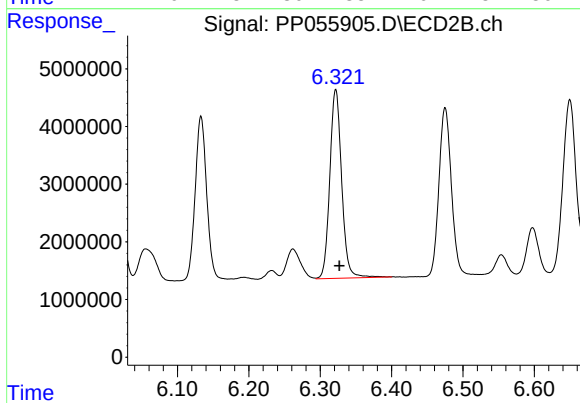
#31 AR-1260-1

R.T.: 6.133 min
Delta R.T.: -0.005 min
Response: 33219417
Conc: 455.68 ng/ml



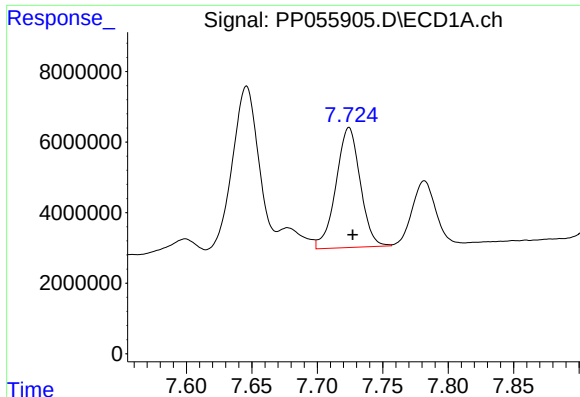
#32 AR-1260-2

R.T.: 7.363 min
Delta R.T.: -0.002 min
Response: 60042056
Conc: 477.39 ng/ml



#32 AR-1260-2

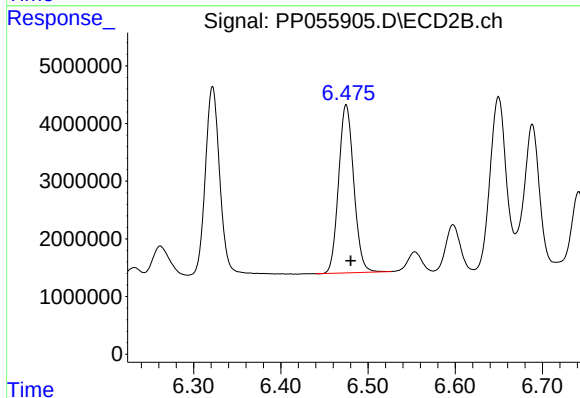
R.T.: 6.322 min
Delta R.T.: -0.005 min
Response: 37876807
Conc: 464.19 ng/ml



#33 AR-1260-3

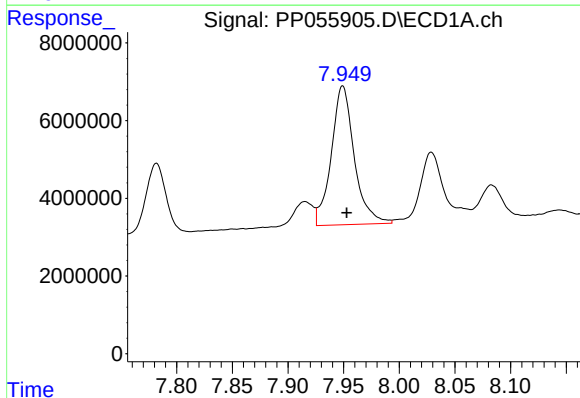
R.T.: 7.724 min
Delta R.T.: -0.003 min
Response: 43911906
Conc: 499.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



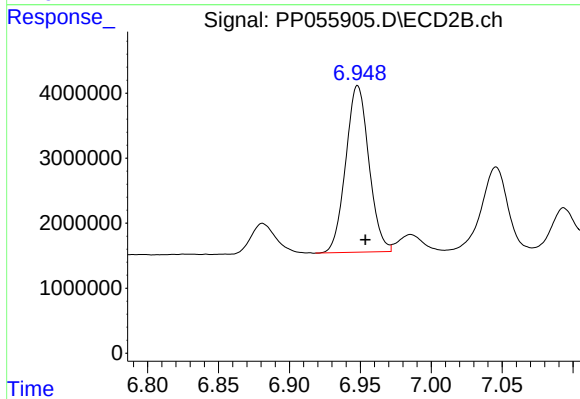
#33 AR-1260-3

R.T.: 6.475 min
Delta R.T.: -0.005 min
Response: 35209248
Conc: 416.65 ng/ml



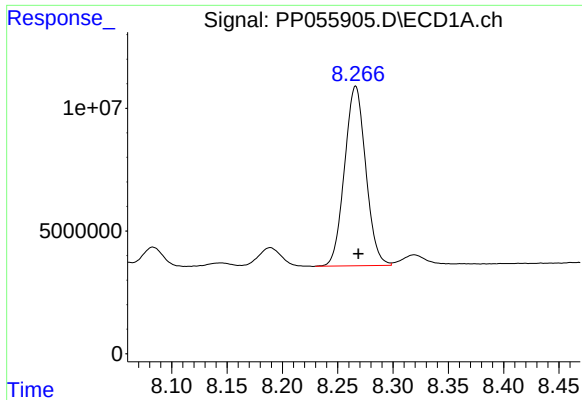
#34 AR-1260-4

R.T.: 7.949 min
Delta R.T.: -0.004 min
Response: 51400043
Conc: 478.25 ng/ml



#34 AR-1260-4

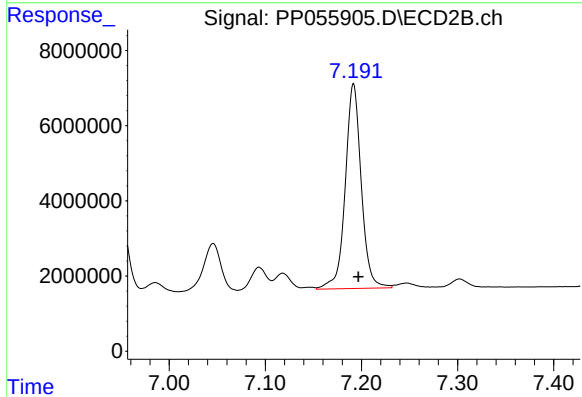
R.T.: 6.948 min
Delta R.T.: -0.006 min
Response: 29193582
Conc: 456.14 ng/ml



#35 AR-1260-5

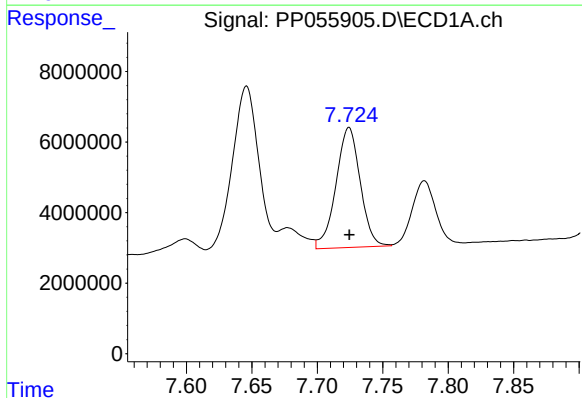
R.T.: 8.266 min
Delta R.T.: -0.003 min
Response: 97443423
Conc: 472.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



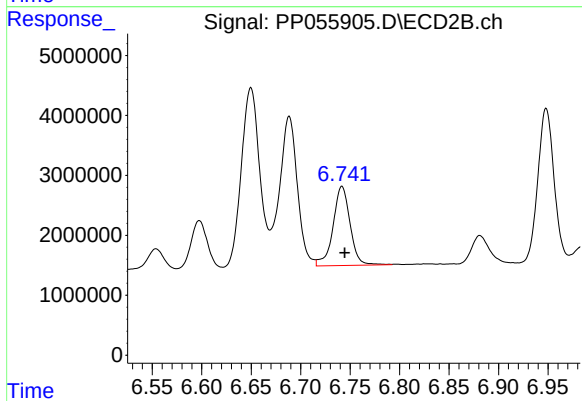
#35 AR-1260-5

R.T.: 7.192 min
Delta R.T.: -0.005 min
Response: 63089042
Conc: 466.09 ng/ml



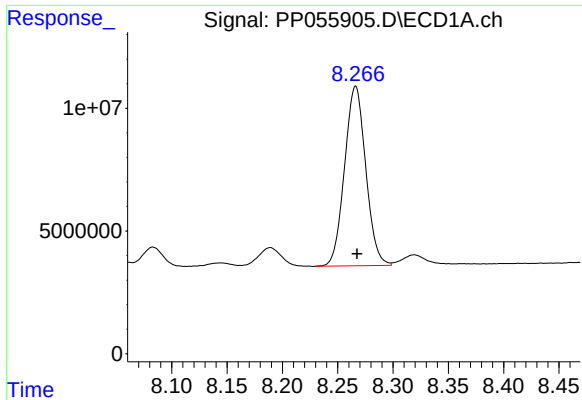
#36 AR-1262-1

R.T.: 7.724 min
Delta R.T.: 0.000 min
Response: 43911906
Conc: 372.19 ng/ml



#36 AR-1262-1

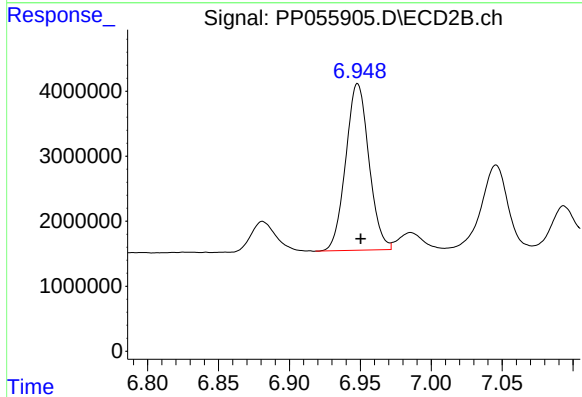
R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 15846973
Conc: 449.58 ng/ml



#37 AR-1262-2

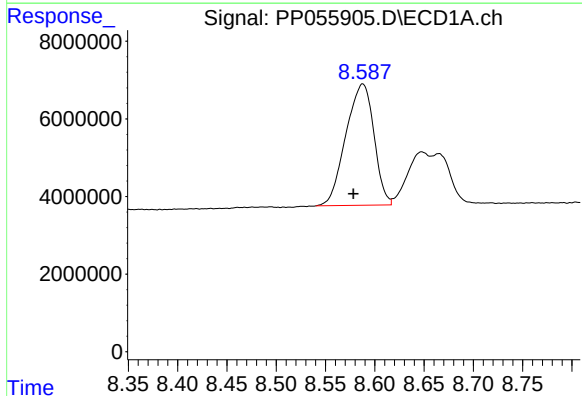
R.T.: 8.266 min
Delta R.T.: -0.001 min
Response: 97443423
Conc: 443.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



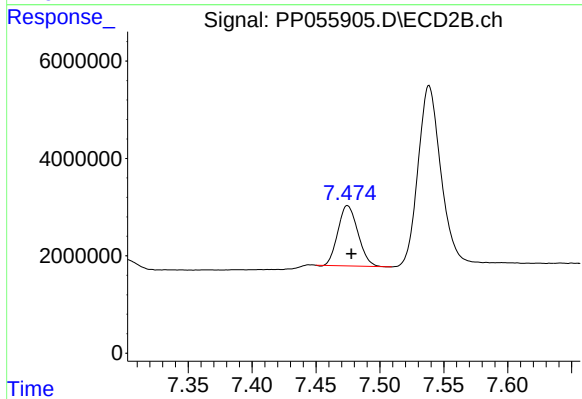
#37 AR-1262-2

R.T.: 6.948 min
Delta R.T.: -0.002 min
Response: 29193582
Conc: 393.16 ng/ml



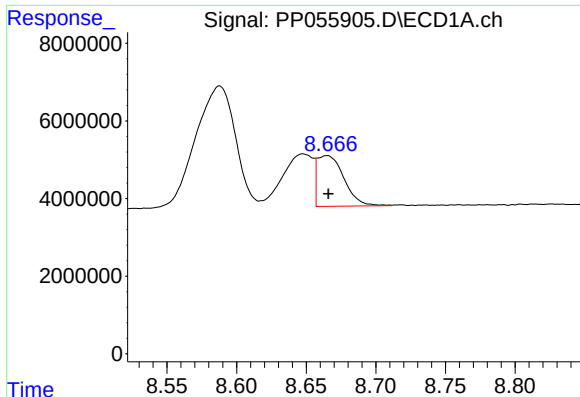
#38 AR-1262-3

R.T.: 8.588 min
Delta R.T.: 0.009 min
Response: 61977471
Conc: 405.40 ng/ml



#38 AR-1262-3

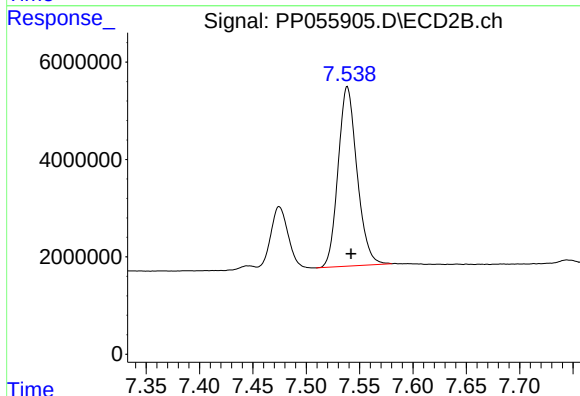
R.T.: 7.475 min
Delta R.T.: -0.003 min
Response: 13488944
Conc: 243.11 ng/ml



#39 AR-1262-4

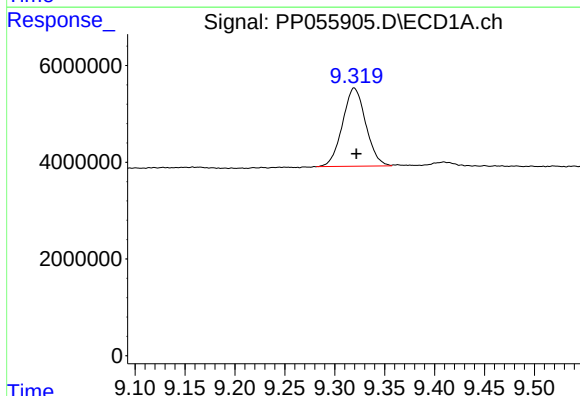
R.T.: 8.665 min
Delta R.T.: 0.000 min
Response: 17342625
Conc: 230.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



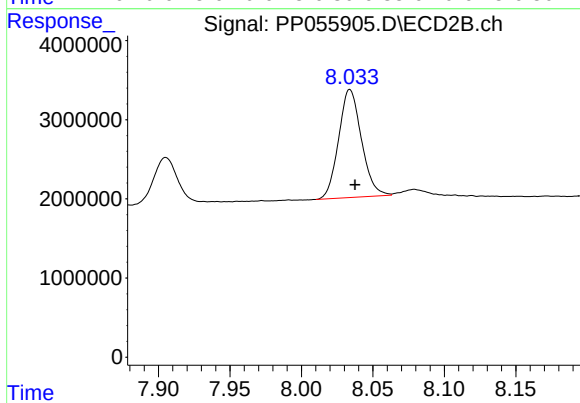
#39 AR-1262-4

R.T.: 7.539 min
Delta R.T.: -0.004 min
Response: 45498152
Conc: 448.19 ng/ml



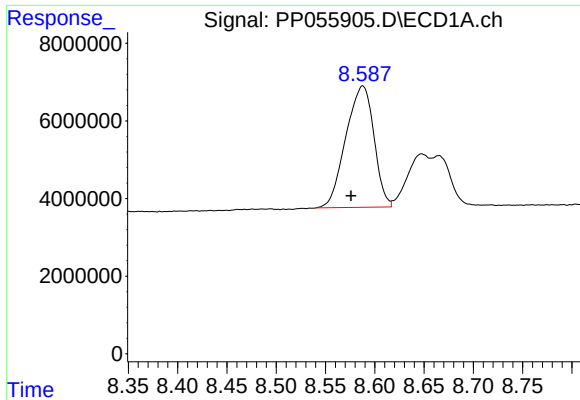
#40 AR-1262-5

R.T.: 9.320 min
Delta R.T.: -0.002 min
Response: 26206473
Conc: 317.86 ng/ml



#40 AR-1262-5

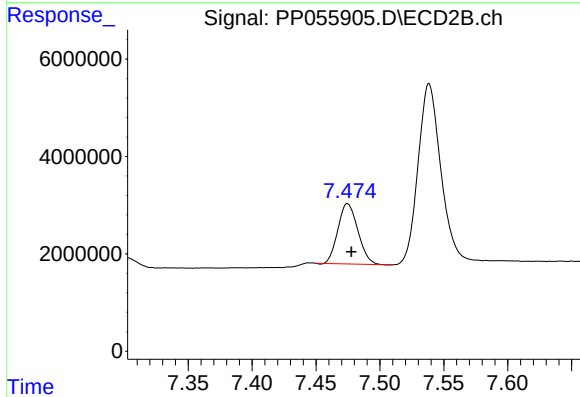
R.T.: 8.034 min
Delta R.T.: -0.004 min
Response: 15152504
Conc: 333.19 ng/ml



#41 AR-1268-1

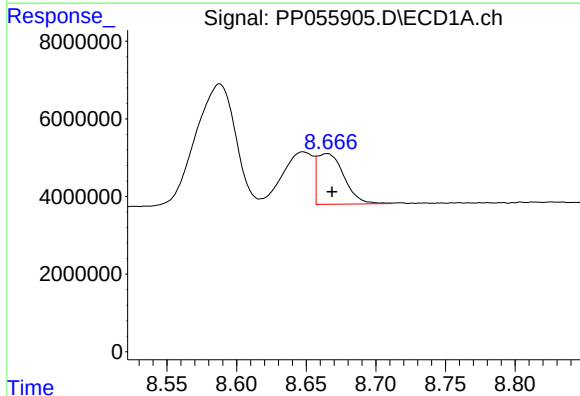
R.T.: 8.588 min
Delta R.T.: 0.012 min
Response: 61977471
Conc: 217.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



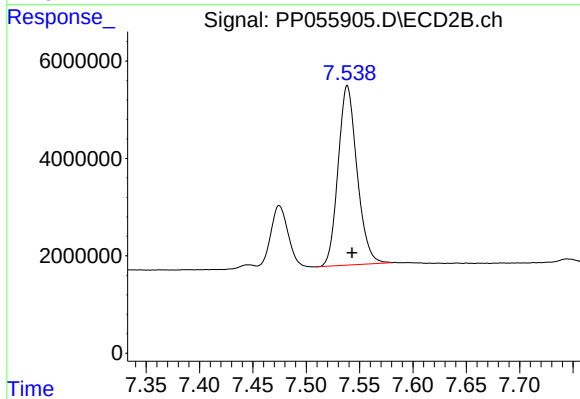
#41 AR-1268-1

R.T.: 7.475 min
Delta R.T.: -0.003 min
Response: 13488944
Conc: 80.23 ng/ml



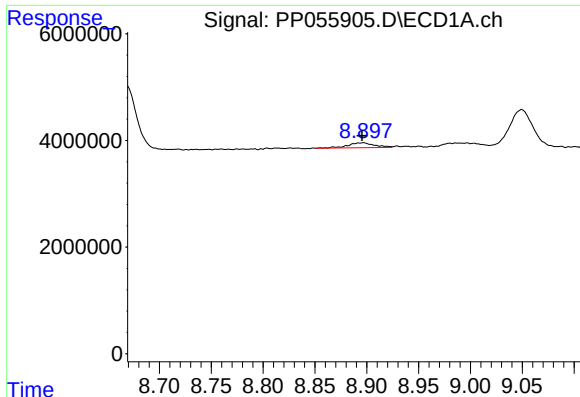
#42 AR-1268-2

R.T.: 8.665 min
Delta R.T.: -0.004 min
Response: 17342625
Conc: 65.04 ng/ml



#42 AR-1268-2

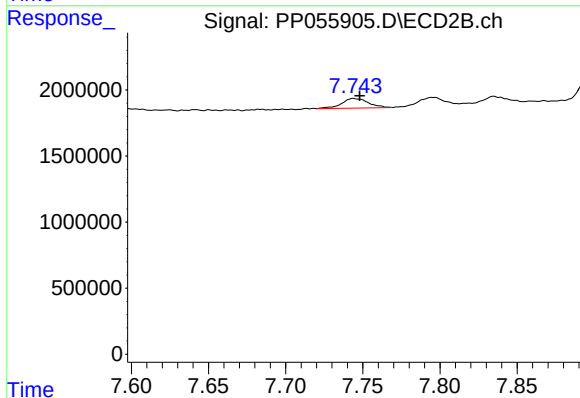
R.T.: 7.539 min
Delta R.T.: -0.004 min
Response: 45498152
Conc: 297.45 ng/ml



#43 AR-1268-3

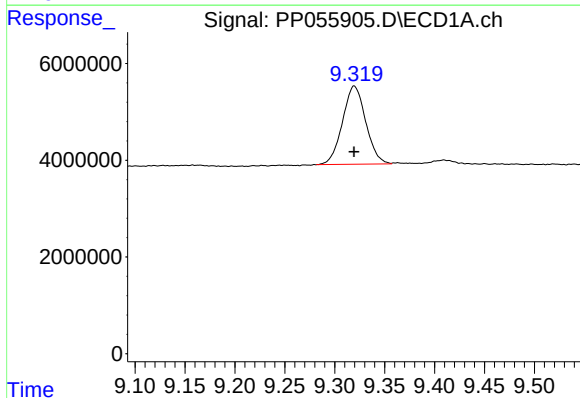
R.T.: 8.897 min
Delta R.T.: 0.001 min
Response: 1676550
Conc: 7.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



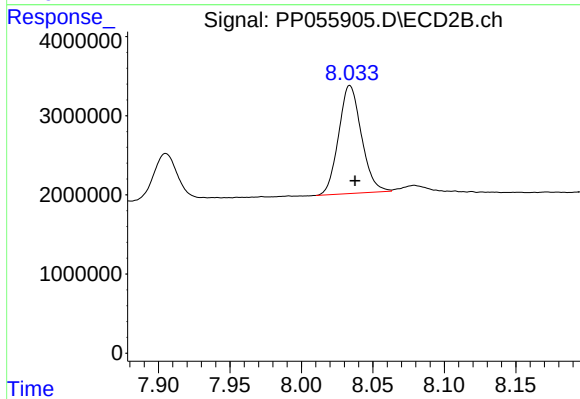
#43 AR-1268-3

R.T.: 7.744 min
Delta R.T.: -0.004 min
Response: 866430
Conc: 6.31 ng/ml



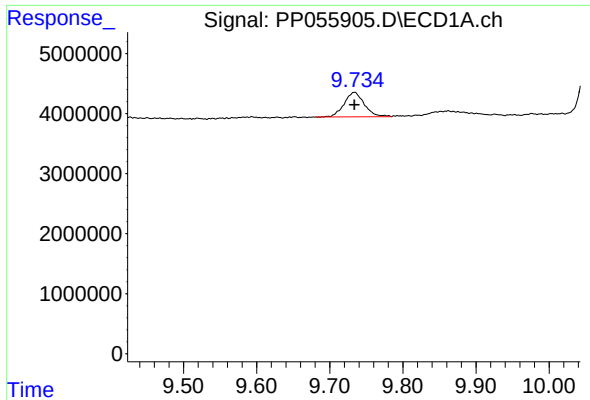
#44 AR-1268-4

R.T.: 9.320 min
Delta R.T.: 0.000 min
Response: 26206473
Conc: 265.44 ng/ml



#44 AR-1268-4

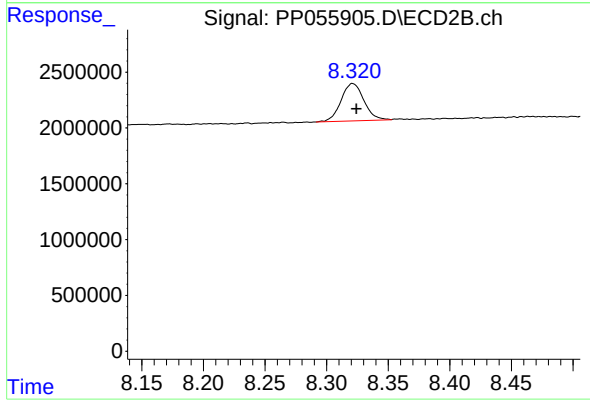
R.T.: 8.034 min
Delta R.T.: -0.003 min
Response: 15152504
Conc: 275.41 ng/ml



#45 AR-1268-5

R.T.: 9.734 min
Delta R.T.: 0.000 min
Response: 7832244
Conc: 10.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.321 min
Delta R.T.: -0.003 min
Response: 4338441
Conc: 10.76 ng/ml