

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR090922\
 Data File : PR056443.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2022 18:11
 Operator : AJ\MA
 Sample : N4528-03DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 18:24:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR090722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 07 09:20:17 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...	3.623	2.895	12326409	5556035	2.565	3.170
2)	SA Decachlor...	9.511	8.102	8345595	5938504	4.206	3.569
Target Compounds							
3)	L1 AR-1016-1	4.860	0.000	1724898	0	13.768	N.D. #
4)	L1 AR-1016-2	4.860	0.000	1724898	0	9.488	N.D. #
5)	L1 AR-1016-3	4.926	0.000	915819	0	8.585	N.D. #
6)	L1 AR-1016-4	5.052f	4.244	2229103	239494	25.754	7.556 #
7)	L1 AR-1016-5	5.369f	0.000	1118257	0	14.741	N.D. #
8)	L2 AR-1221-1	3.841	3.139f	837432	365834	15.541	18.294
9)	L2 AR-1221-2	3.935	3.200	511901	366926	13.063	24.288 #
10)	L2 AR-1221-3	4.022	3.304f	448051	13880348	3.768	297.992 #
11)	L3 AR-1232-1	4.022	3.304f	448051	13880348	4.658	367.944 #
12)	L3 AR-1232-2	4.579f	0.000	1429311	0	32.483	N.D. #
13)	L3 AR-1232-3	4.860	0.000	1724898	0	21.481	N.D. #
14)	L3 AR-1232-4	5.052f	0.000	2229103	0	59.333	N.D. #
15)	L3 AR-1232-5	5.130	0.000	2120486	0	82.780	N.D. #
16)	L4 AR-1242-1	4.860	0.000	1724898	0	16.474	N.D. #
17)	L4 AR-1242-2	4.860	0.000	1724898	0	11.348	N.D. #
18)	L4 AR-1242-3	4.926	0.000	915819	0	10.208	N.D. #
19)	L4 AR-1242-4	5.052f	0.000	2229103	0	30.722	N.D. #
20)	L4 AR-1242-5	5.825	4.824	1517161	4120661	22.761	98.472 #
21)	L5 AR-1248-1	4.860f	0.000	1724898	0	21.348	N.D. #
22)	L5 AR-1248-2	5.130	4.244	2120486	239494	22.113	5.080 #
23)	L5 AR-1248-3	5.369f	0.000	1118257	0	10.474	N.D. #
25)	L5 AR-1248-5	5.825	0.000	1517161	0	13.806	N.D. #
26)	L6 AR-1254-1	5.750	4.824	8631084	4120661	81.368	46.856 #
27)	L6 AR-1254-2	5.987	4.982	5432150	2224117	34.786	28.985
28)	L6 AR-1254-3	6.380	5.401	12596947	6676241	82.358	52.778 #
29)	L6 AR-1254-4	6.689	5.645	8026741	807291	69.024	10.156 #
30)	L6 AR-1254-5	7.146	6.085	83865807	64632498	714.806	584.669
31)	L7 AR-1260-1	6.560	5.539	55750409	38513895	501.666	469.578
32)	L7 AR-1260-2	6.843	5.743	49297387	35916823	370.771	352.588
33)	L7 AR-1260-3	7.234	5.898	46410379	41608955	473.021	439.598
34)	L7 AR-1260-4	7.476	6.402	69845831	37831797	644.742	471.454 #
35)	L7 AR-1260-5	7.815	6.666	128.1E6	103.3E6	610.659	540.473
36)	L8 AR-1262-1	7.234	6.129	46410379	38810948	348.529	361.422
37)	L8 AR-1262-2	7.815	6.402	128.1E6	37831797	563.525	382.108 #
38)	L8 AR-1262-3	8.128	6.968	81887232	16665510	523.642	209.827 #
39)	L8 AR-1262-4	8.182f	7.033	46108822	82523941	669.958	535.725
40)	L8 AR-1262-5	8.825	7.572	31008647	23622488	363.912	324.911
41)	L9 AR-1268-1	8.128	6.968	81887232	16665510	295.594	71.371 #
42)	L9 AR-1268-2	8.182f	7.033	46108822	82523941	177.272	375.328 #

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 Operator : AJ\MA
 Sample : N4528-03DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

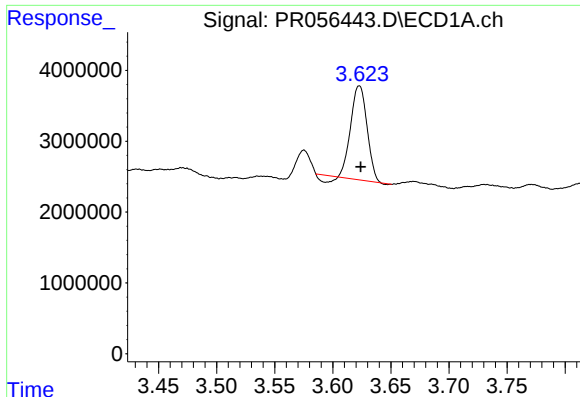
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 18:24:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR090722.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
43) L9	AR-1268-3	8.422	7.251	1176359	3354610	5.332	18.136 #
44) L9	AR-1268-4	8.825	7.572	31008647	23622488	319.396	289.165
45) L9	AR-1268-5	9.205	7.865	6085869	4554542	8.512	7.465

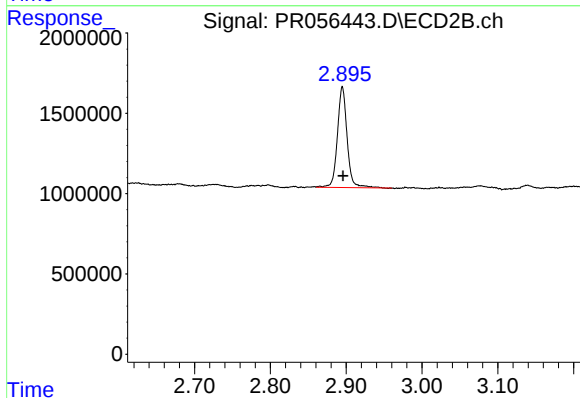
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

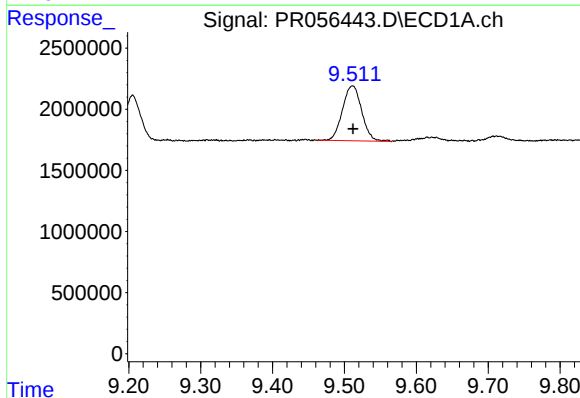
R.T.: 3.623 min
Delta R.T.: -0.001 min
Response: 12326409
Conc: 2.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



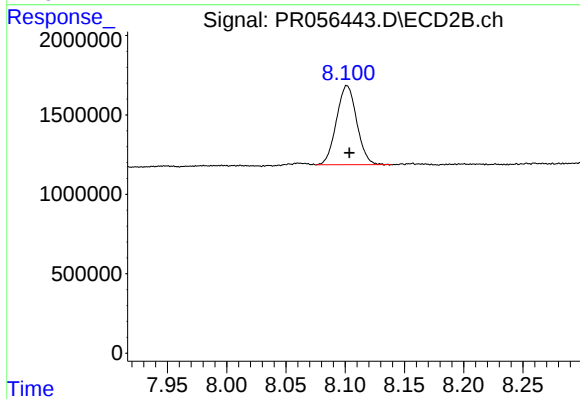
#1 Tetrachloro-m-xylene

R.T.: 2.895 min
Delta R.T.: -0.001 min
Response: 5556035
Conc: 3.17 ng/ml



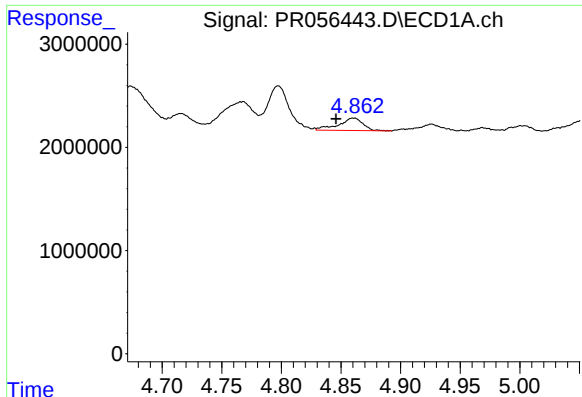
#2 Decachlorobiphenyl

R.T.: 9.511 min
Delta R.T.: -0.001 min
Response: 8345595
Conc: 4.21 ng/ml



#2 Decachlorobiphenyl

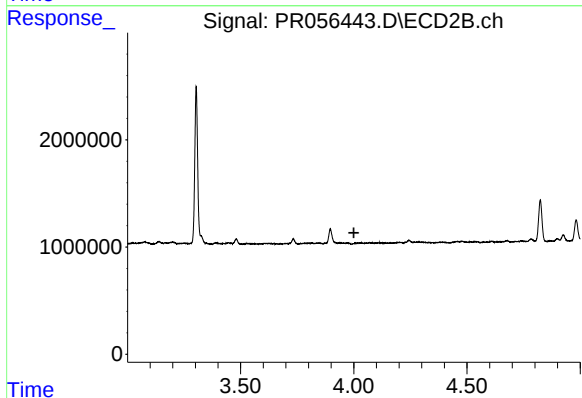
R.T.: 8.102 min
Delta R.T.: -0.002 min
Response: 5938504
Conc: 3.57 ng/ml



#3 AR-1016-1

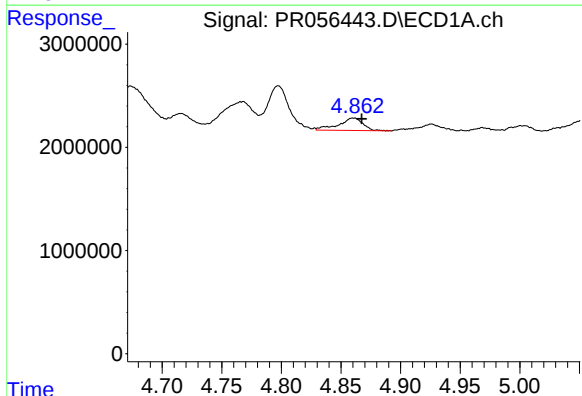
R.T.: 4.860 min
Delta R.T.: 0.015 min
Response: 1724898
Conc: 13.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



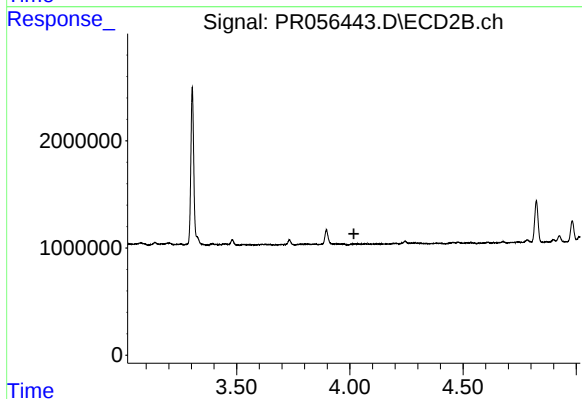
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.001 min
Response: 0
Conc: N.D.



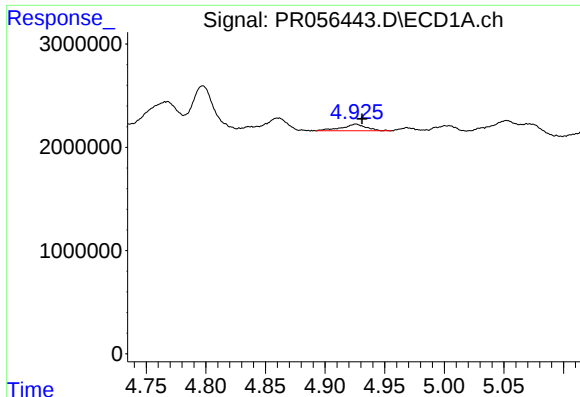
#4 AR-1016-2

R.T.: 4.860 min
Delta R.T.: -0.007 min
Response: 1724898
Conc: 9.49 ng/ml



#4 AR-1016-2

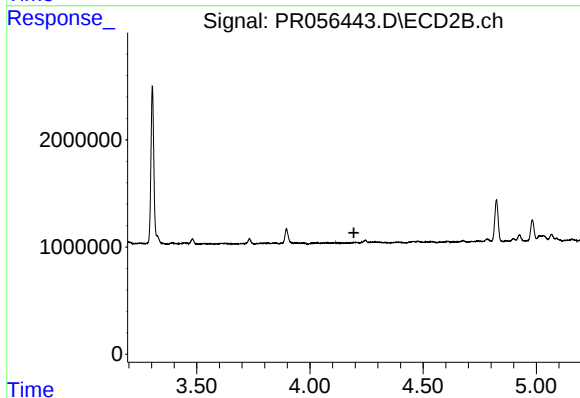
R.T.: 0.000 min
Exp R.T. : 4.018 min
Response: 0
Conc: N.D.



#5 AR-1016-3

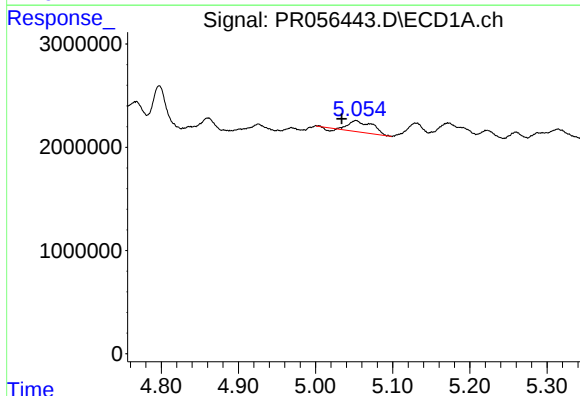
R.T.: 4.926 min
Delta R.T.: -0.005 min
Response: 915819
Conc: 8.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



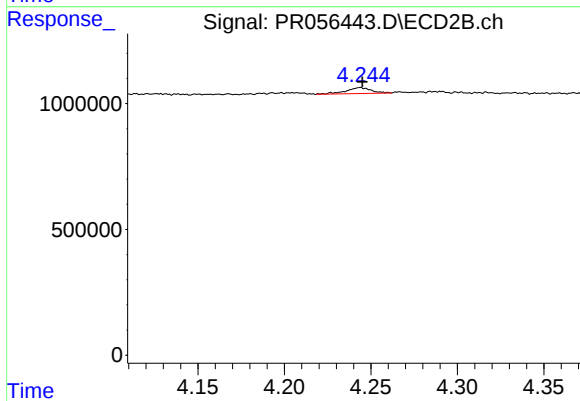
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.194 min
Response: 0
Conc: N.D.



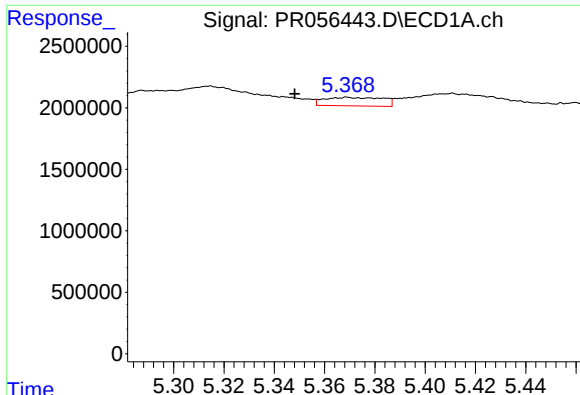
#6 AR-1016-4

R.T.: 5.052 min
Delta R.T.: 0.018 min
Response: 2229103
Conc: 25.75 ng/ml



#6 AR-1016-4

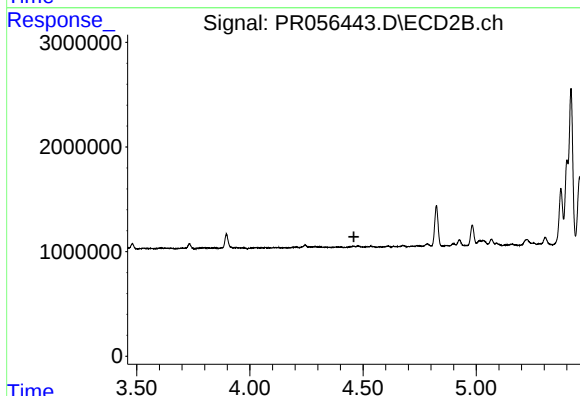
R.T.: 4.244 min
Delta R.T.: -0.001 min
Response: 239494
Conc: 7.56 ng/ml



#7 AR-1016-5

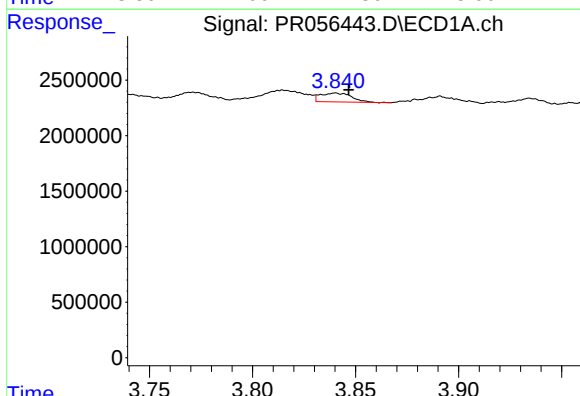
R.T.: 5.369 min
Delta R.T.: 0.021 min
Response: 1118257
Conc: 14.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



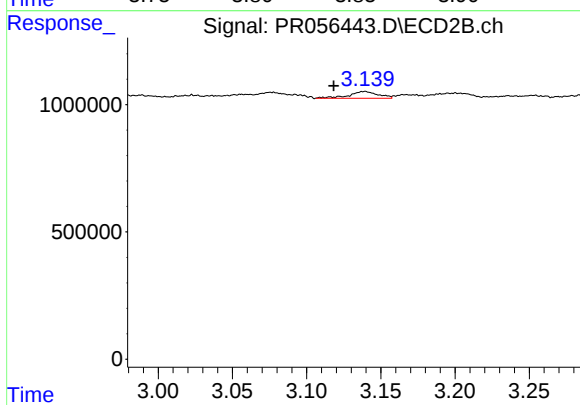
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.460 min
Response: 0
Conc: N.D.



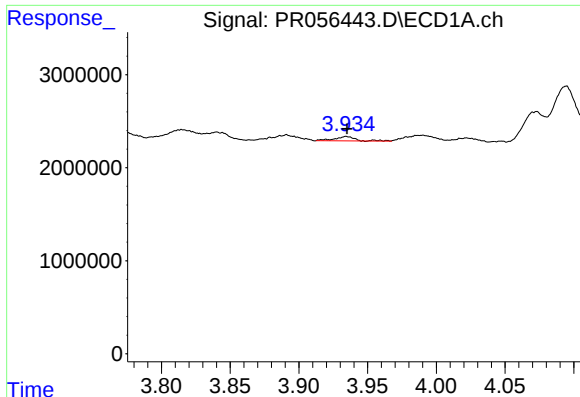
#8 AR-1221-1

R.T.: 3.841 min
Delta R.T.: -0.006 min
Response: 837432
Conc: 15.54 ng/ml



#8 AR-1221-1

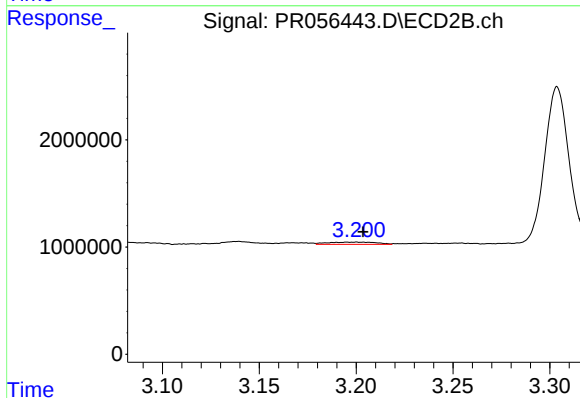
R.T.: 3.139 min
Delta R.T.: 0.021 min
Response: 365834
Conc: 18.29 ng/ml



#9 AR-1221-2

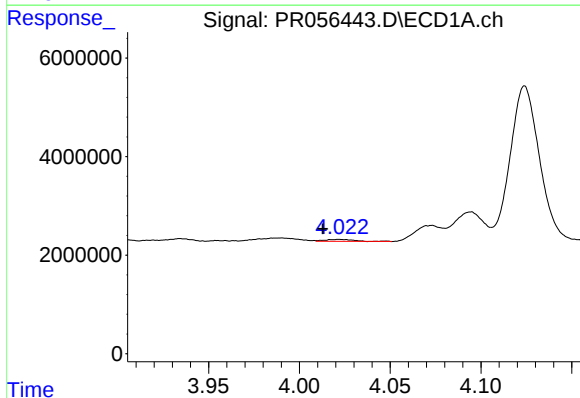
R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 511901
Conc: 13.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



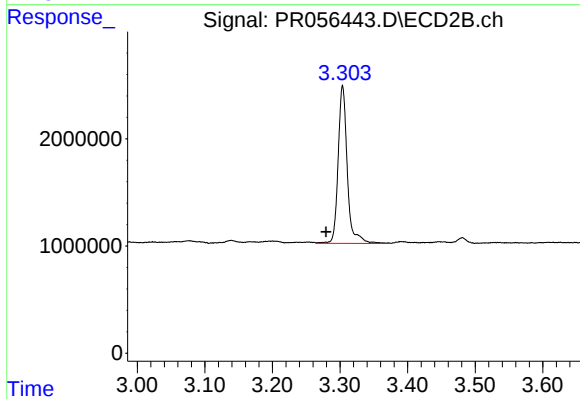
#9 AR-1221-2

R.T.: 3.200 min
Delta R.T.: -0.003 min
Response: 366926
Conc: 24.29 ng/ml



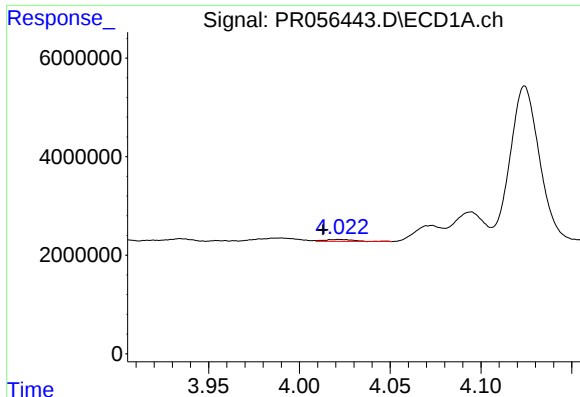
#10 AR-1221-3

R.T.: 4.022 min
Delta R.T.: 0.009 min
Response: 448051
Conc: 3.77 ng/ml



#10 AR-1221-3

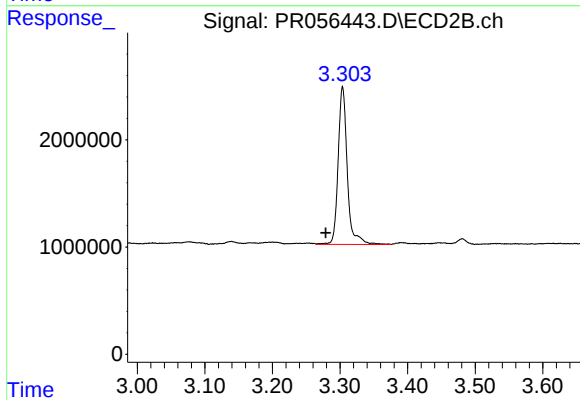
R.T.: 3.304 min
Delta R.T.: 0.025 min
Response: 13880348
Conc: 297.99 ng/ml



#11 AR-1232-1

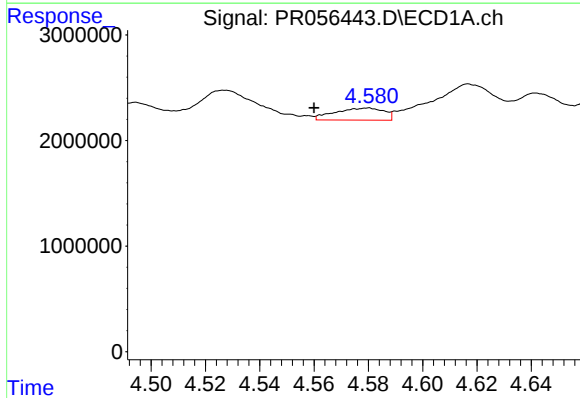
R.T.: 4.022 min
Delta R.T.: 0.009 min
Response: 448051
Conc: 4.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



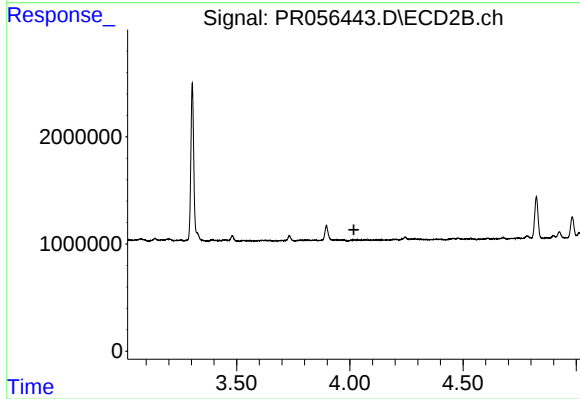
#11 AR-1232-1

R.T.: 3.304 min
Delta R.T.: 0.025 min
Response: 13880348
Conc: 367.94 ng/ml



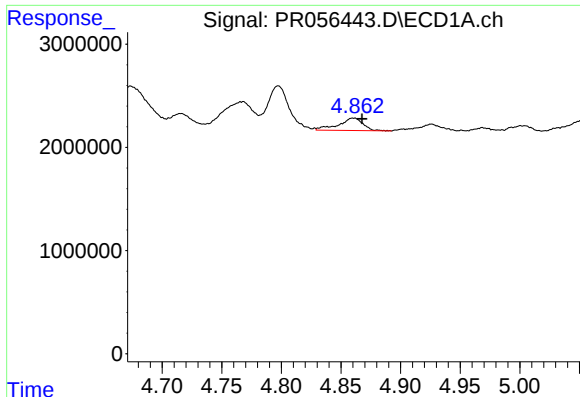
#12 AR-1232-2

R.T.: 4.579 min
Delta R.T.: 0.019 min
Response: 1429311
Conc: 32.48 ng/ml



#12 AR-1232-2

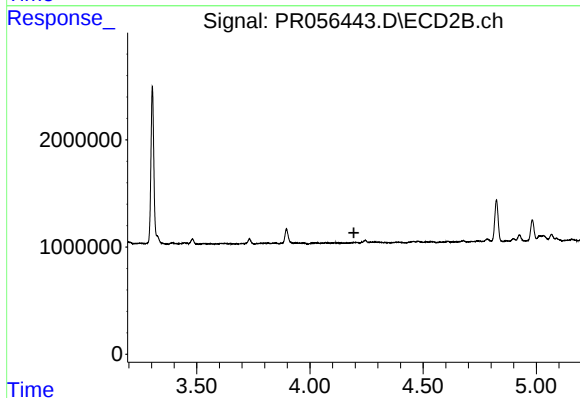
R.T.: 0.000 min
Exp R.T. : 4.018 min
Response: 0
Conc: N.D.



#13 AR-1232-3

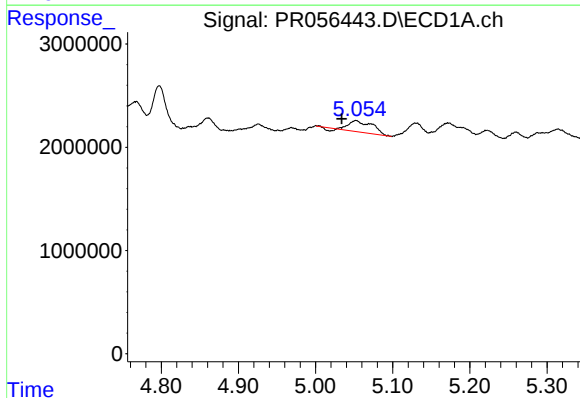
R.T.: 4.860 min
Delta R.T.: -0.007 min
Response: 1724898
Conc: 21.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



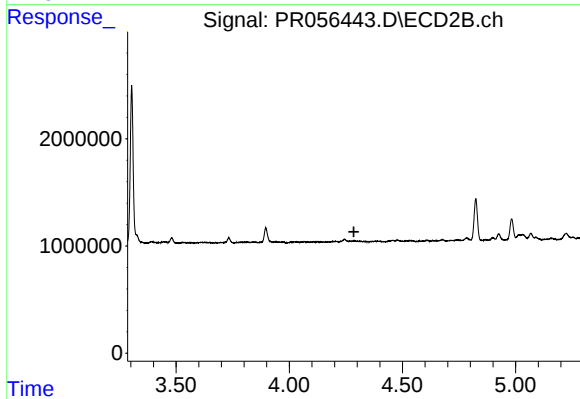
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.194 min
Response: 0
Conc: N.D.



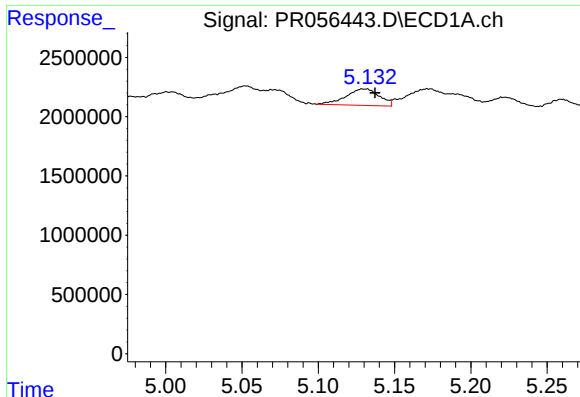
#14 AR-1232-4

R.T.: 5.052 min
Delta R.T.: 0.018 min
Response: 2229103
Conc: 59.33 ng/ml



#14 AR-1232-4

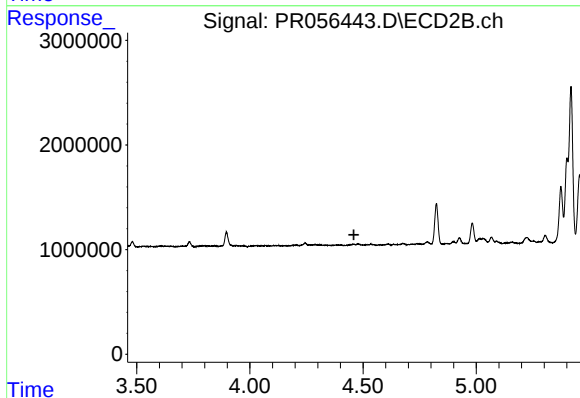
R.T.: 0.000 min
Exp R.T. : 4.285 min
Response: 0
Conc: N.D.



#15 AR-1232-5

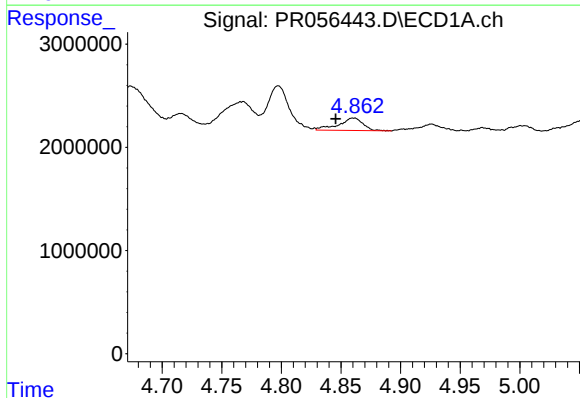
R.T.: 5.130 min
Delta R.T.: -0.007 min
Response: 2120486
Conc: 82.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



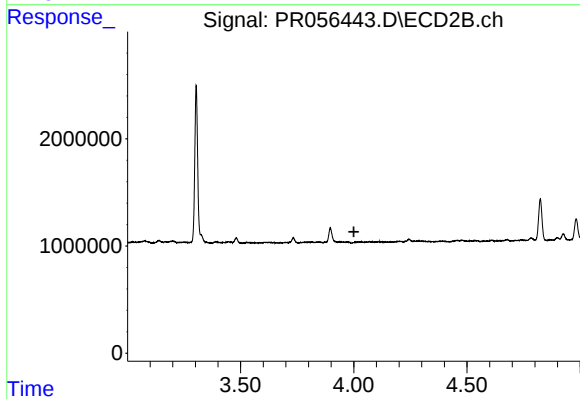
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 4.460 min
Response: 0
Conc: N.D.



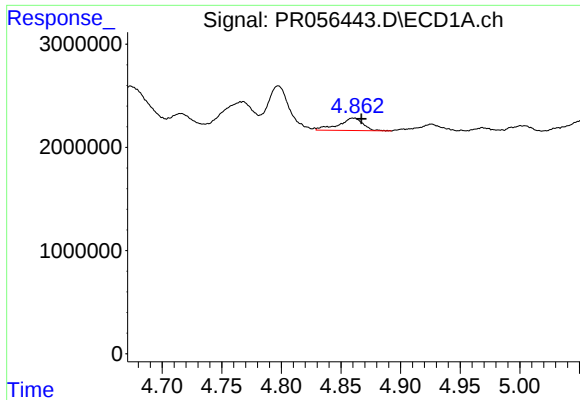
#16 AR-1242-1

R.T.: 4.860 min
Delta R.T.: 0.015 min
Response: 1724898
Conc: 16.47 ng/ml



#16 AR-1242-1

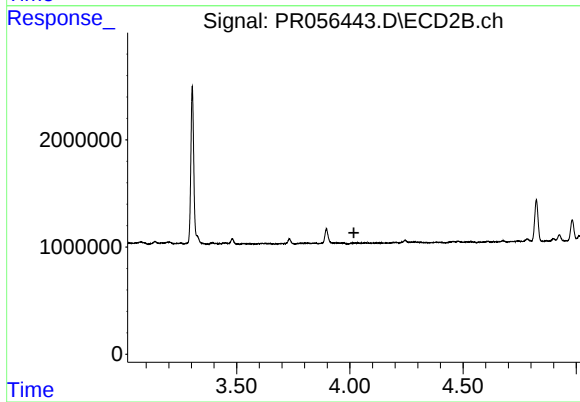
R.T.: 0.000 min
Exp R.T. : 4.000 min
Response: 0
Conc: N.D.



#17 AR-1242-2

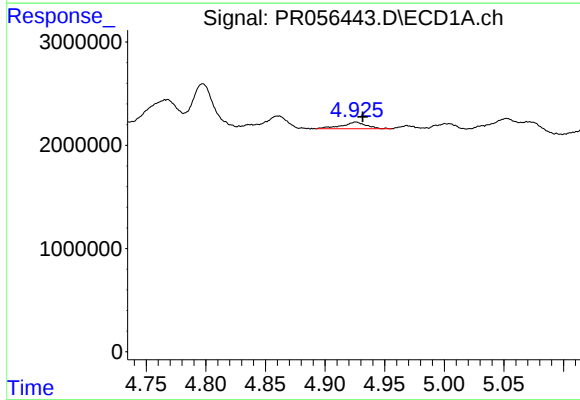
R.T.: 4.860 min
Delta R.T.: -0.007 min
Response: 1724898
Conc: 11.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



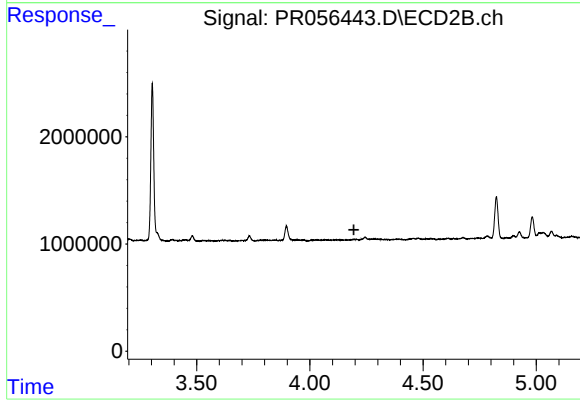
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.018 min
Response: 0
Conc: N.D.



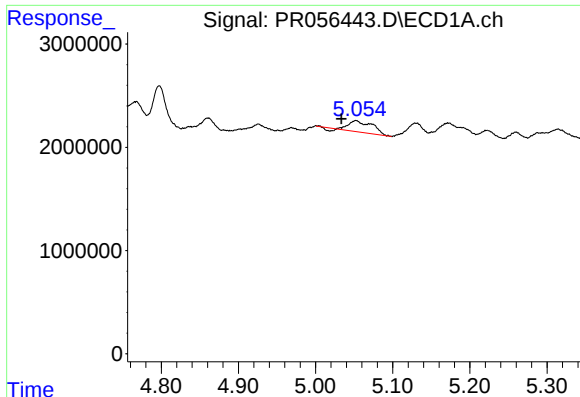
#18 AR-1242-3

R.T.: 4.926 min
Delta R.T.: -0.006 min
Response: 915819
Conc: 10.21 ng/ml



#18 AR-1242-3

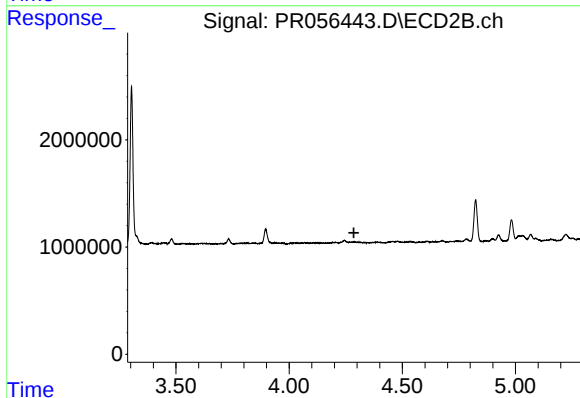
R.T.: 0.000 min
Exp R.T. : 4.194 min
Response: 0
Conc: N.D.



#19 AR-1242-4

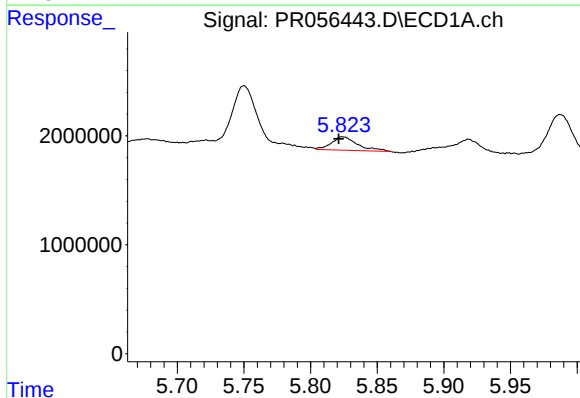
R.T.: 5.052 min
Delta R.T.: 0.019 min
Response: 2229103
Conc: 30.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



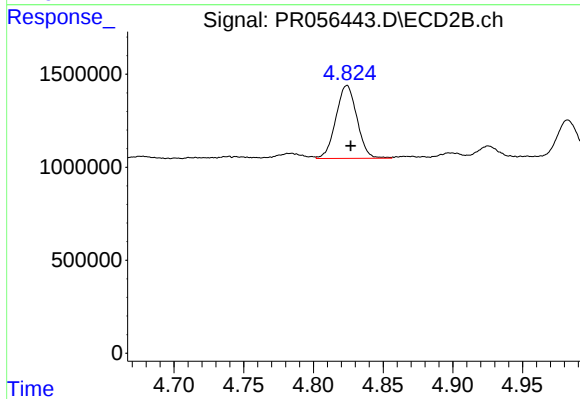
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.286 min
Response: 0
Conc: N.D.



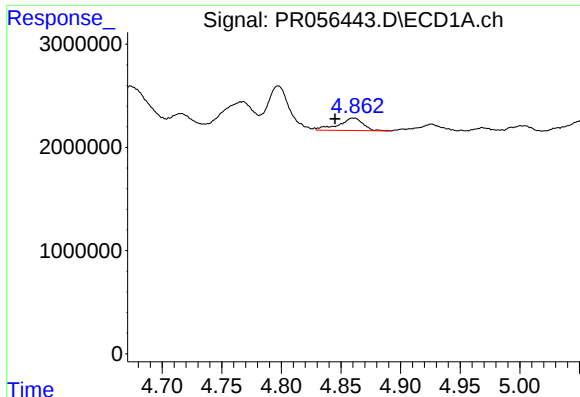
#20 AR-1242-5

R.T.: 5.825 min
Delta R.T.: 0.003 min
Response: 1517161
Conc: 22.76 ng/ml



#20 AR-1242-5

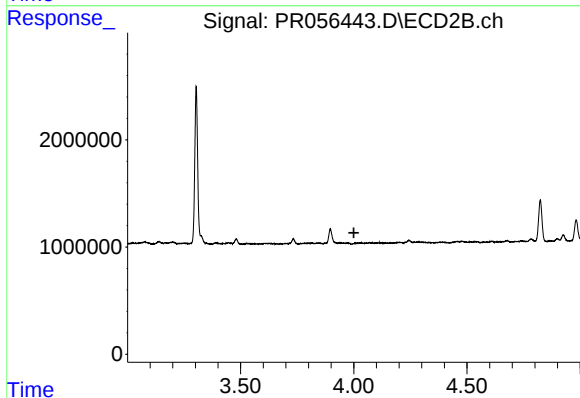
R.T.: 4.824 min
Delta R.T.: -0.003 min
Response: 4120661
Conc: 98.47 ng/ml



#21 AR-1248-1

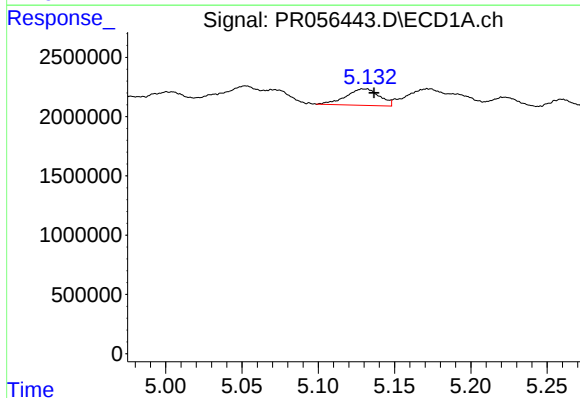
R.T.: 4.860 min
Delta R.T.: 0.015 min
Response: 1724898
Conc: 21.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



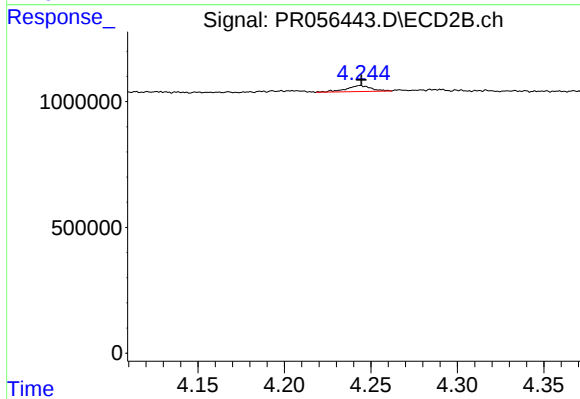
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.001 min
Response: 0
Conc: N.D.



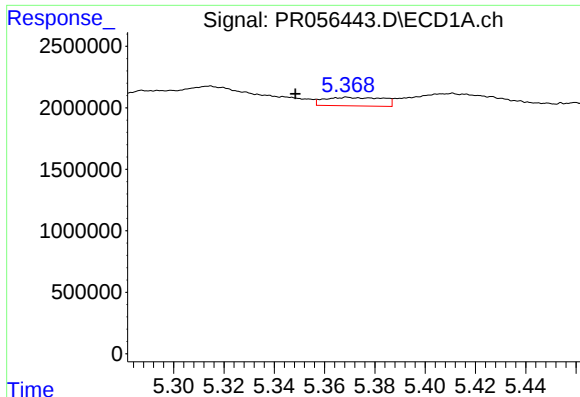
#22 AR-1248-2

R.T.: 5.130 min
Delta R.T.: -0.006 min
Response: 2120486
Conc: 22.11 ng/ml



#22 AR-1248-2

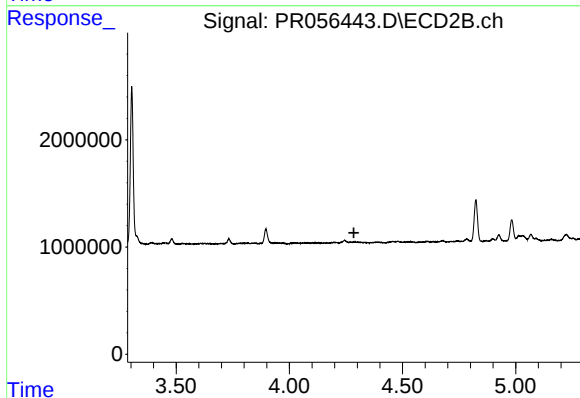
R.T.: 4.244 min
Delta R.T.: 0.000 min
Response: 239494
Conc: 5.08 ng/ml



#23 AR-1248-3

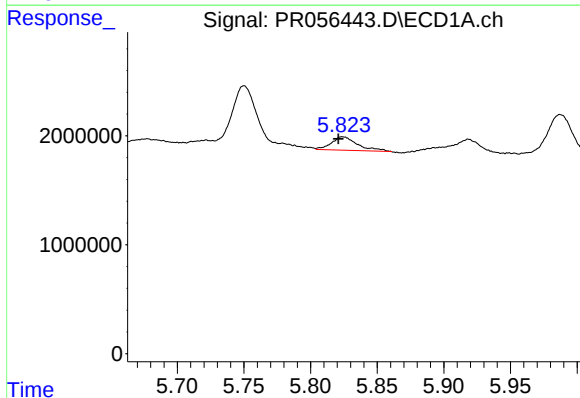
R.T.: 5.369 min
Delta R.T.: 0.021 min
Response: 1118257
Conc: 10.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



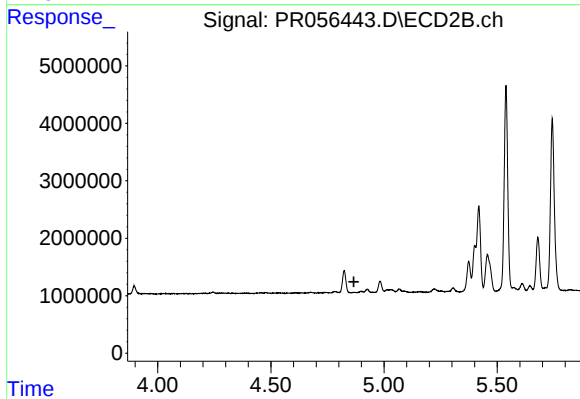
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.285 min
Response: 0
Conc: N.D.



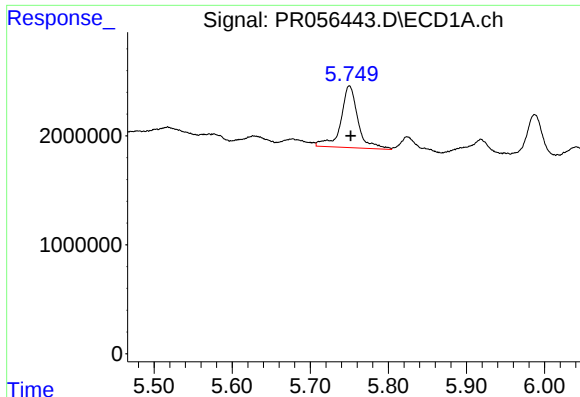
#25 AR-1248-5

R.T.: 5.825 min
Delta R.T.: 0.004 min
Response: 1517161
Conc: 13.81 ng/ml



#25 AR-1248-5

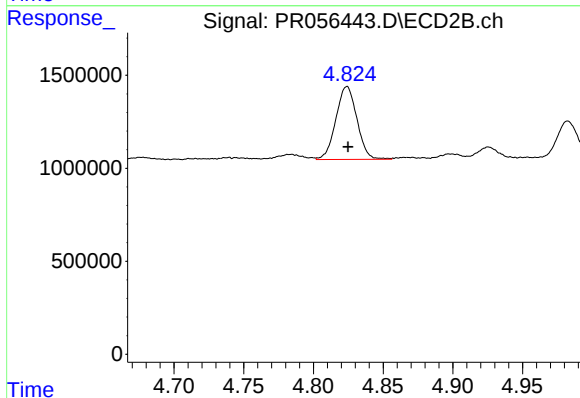
R.T.: 0.000 min
Exp R.T. : 4.867 min
Response: 0
Conc: N.D.



#26 AR-1254-1

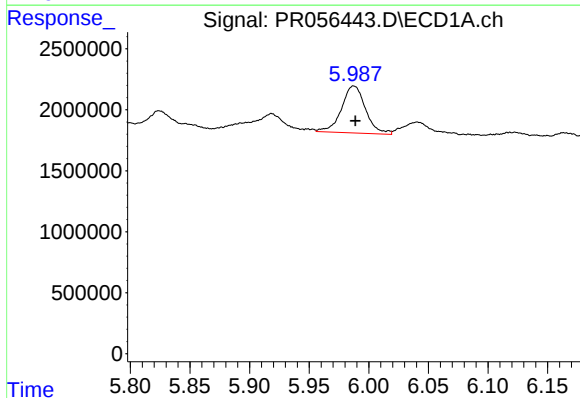
R.T.: 5.750 min
Delta R.T.: -0.001 min
Response: 8631084
Conc: 81.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



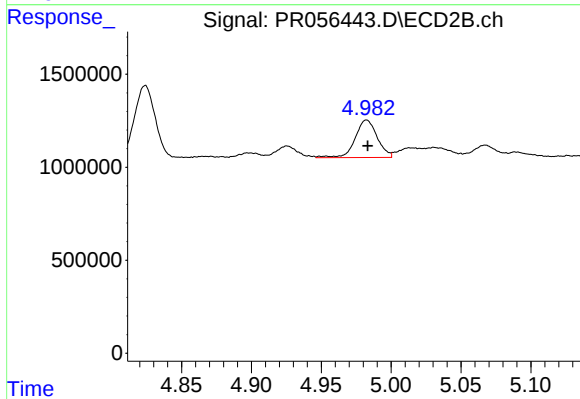
#26 AR-1254-1

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 4120661
Conc: 46.86 ng/ml



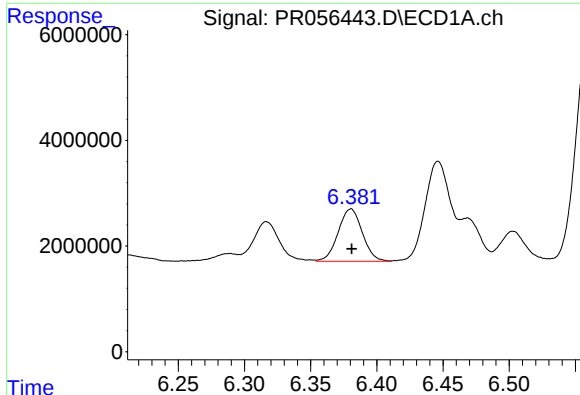
#27 AR-1254-2

R.T.: 5.987 min
Delta R.T.: -0.001 min
Response: 5432150
Conc: 34.79 ng/ml



#27 AR-1254-2

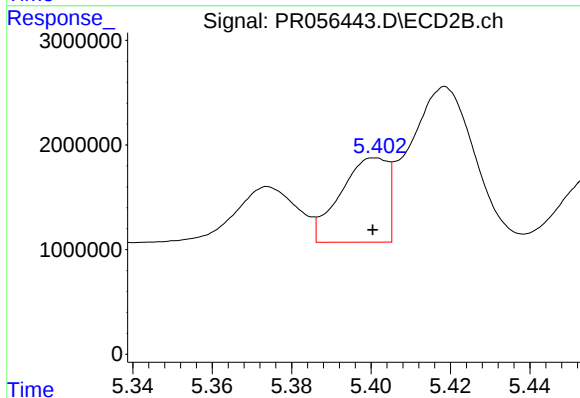
R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 2224117
Conc: 28.99 ng/ml



#28 AR-1254-3

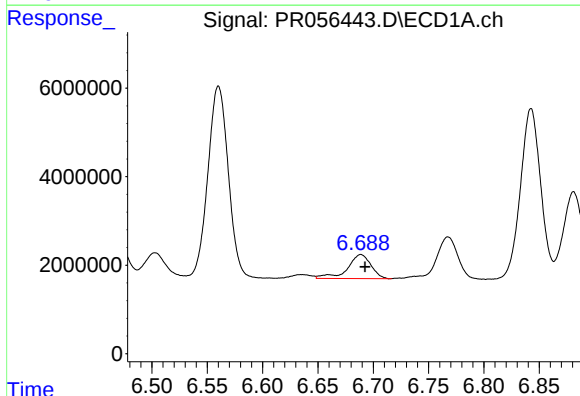
R.T.: 6.380 min
Delta R.T.: 0.000 min
Response: 12596947
Conc: 82.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



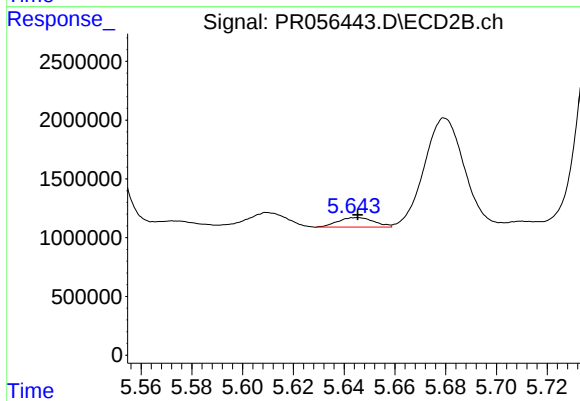
#28 AR-1254-3

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 6676241
Conc: 52.78 ng/ml



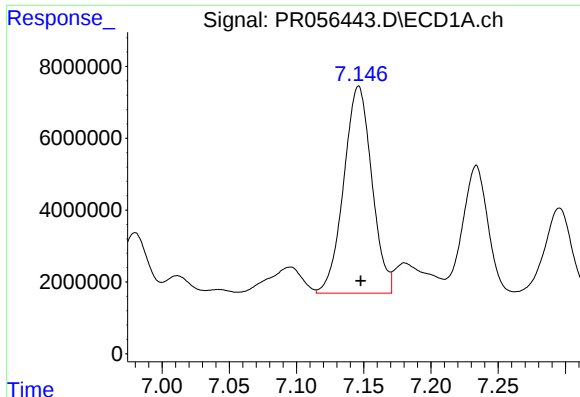
#29 AR-1254-4

R.T.: 6.689 min
Delta R.T.: -0.004 min
Response: 8026741
Conc: 69.02 ng/ml



#29 AR-1254-4

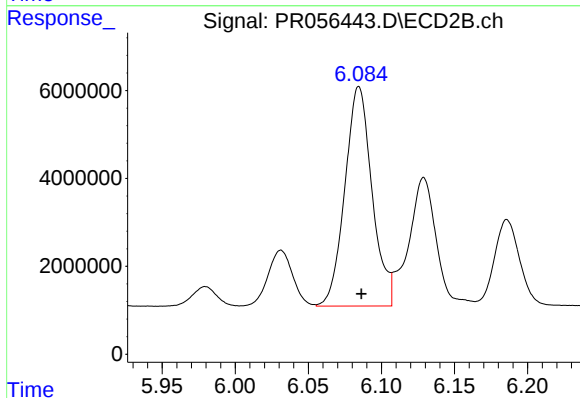
R.T.: 5.645 min
Delta R.T.: 0.000 min
Response: 807291
Conc: 10.16 ng/ml



#30 AR-1254-5

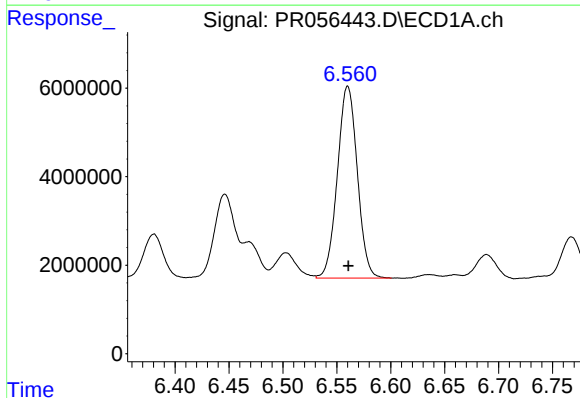
R.T.: 7.146 min
Delta R.T.: -0.002 min
Response: 83865807
Conc: 714.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



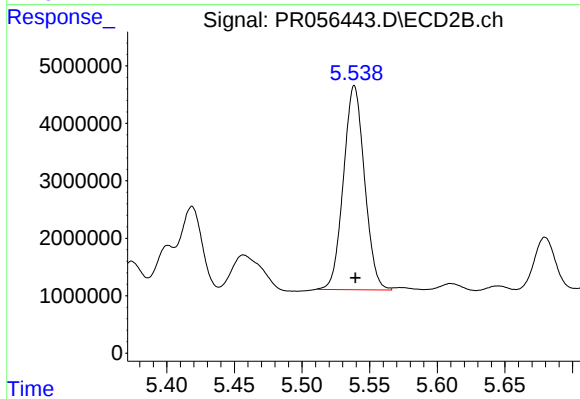
#30 AR-1254-5

R.T.: 6.085 min
Delta R.T.: -0.002 min
Response: 64632498
Conc: 584.67 ng/ml



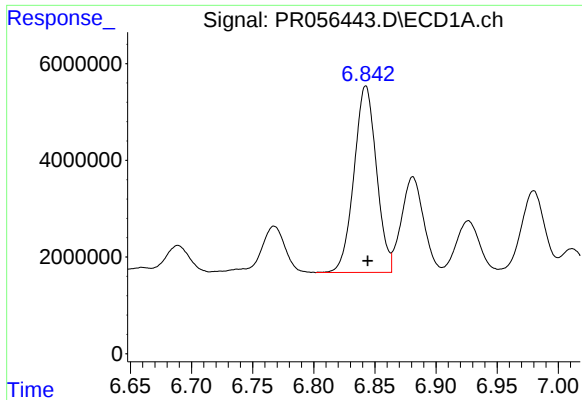
#31 AR-1260-1

R.T.: 6.560 min
Delta R.T.: 0.000 min
Response: 55750409
Conc: 501.67 ng/ml



#31 AR-1260-1

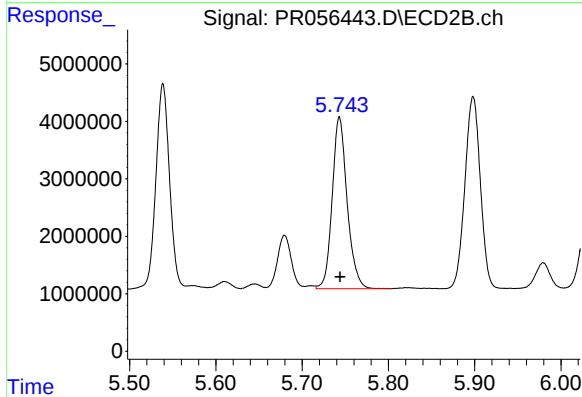
R.T.: 5.539 min
Delta R.T.: 0.000 min
Response: 38513895
Conc: 469.58 ng/ml



#32 AR-1260-2

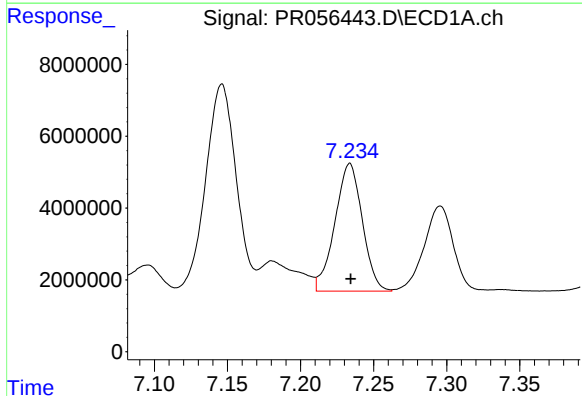
R.T.: 6.843 min
Delta R.T.: -0.002 min
Response: 49297387
Conc: 370.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



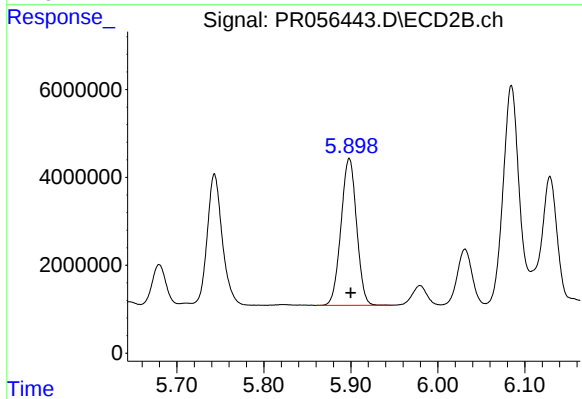
#32 AR-1260-2

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 35916823
Conc: 352.59 ng/ml



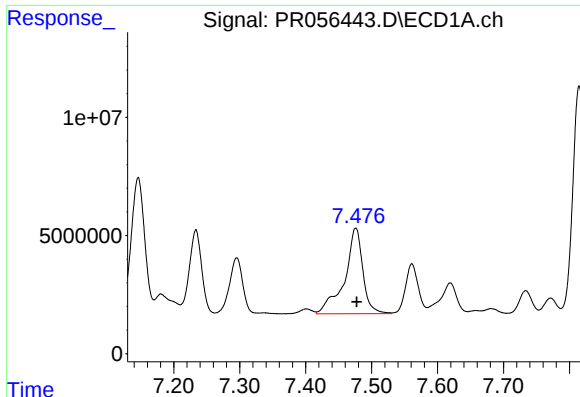
#33 AR-1260-3

R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 46410379
Conc: 473.02 ng/ml



#33 AR-1260-3

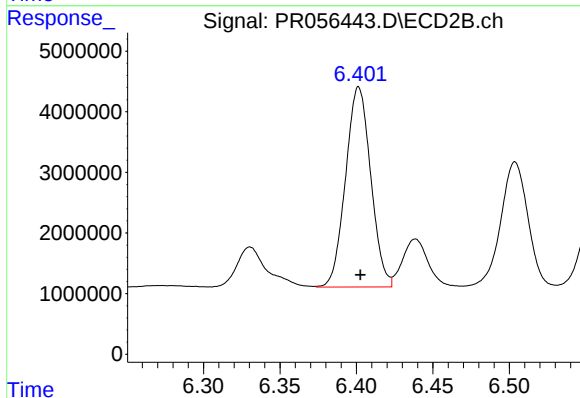
R.T.: 5.898 min
Delta R.T.: -0.002 min
Response: 41608955
Conc: 439.60 ng/ml



#34 AR-1260-4

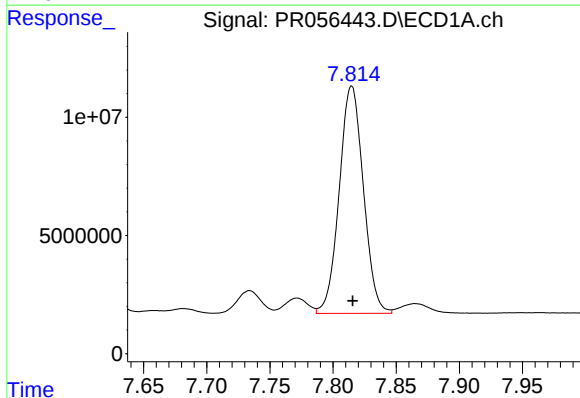
R.T.: 7.476 min
Delta R.T.: -0.001 min
Response: 69845831
Conc: 644.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



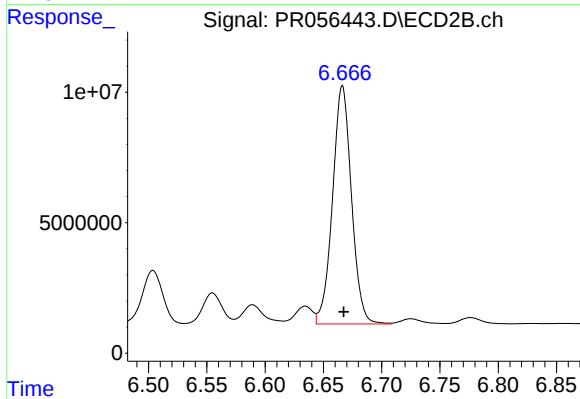
#34 AR-1260-4

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 37831797
Conc: 471.45 ng/ml



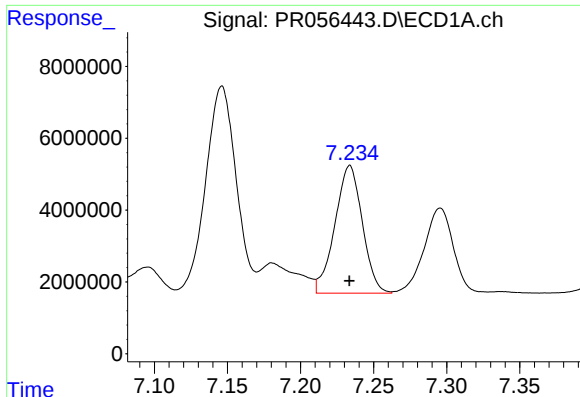
#35 AR-1260-5

R.T.: 7.815 min
Delta R.T.: 0.000 min
Response: 128054232
Conc: 610.66 ng/ml



#35 AR-1260-5

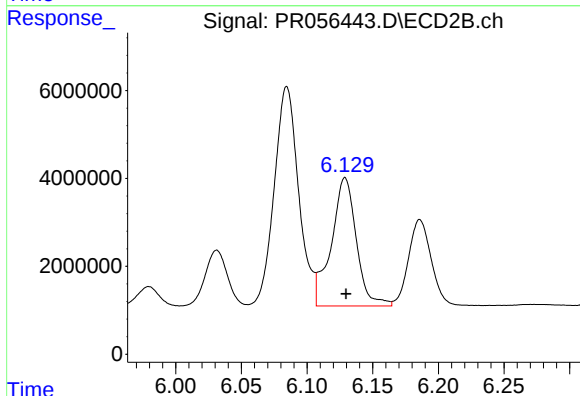
R.T.: 6.666 min
Delta R.T.: -0.001 min
Response: 103338547
Conc: 540.47 ng/ml



#36 AR-1262-1

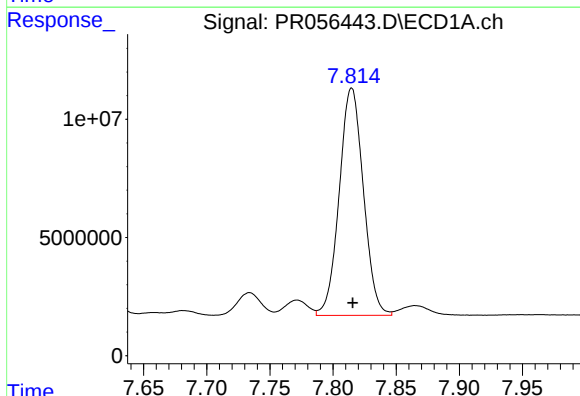
R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 46410379
Conc: 348.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



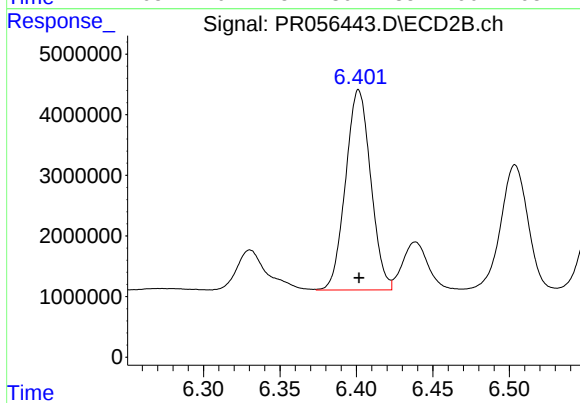
#36 AR-1262-1

R.T.: 6.129 min
Delta R.T.: 0.000 min
Response: 38810948
Conc: 361.42 ng/ml



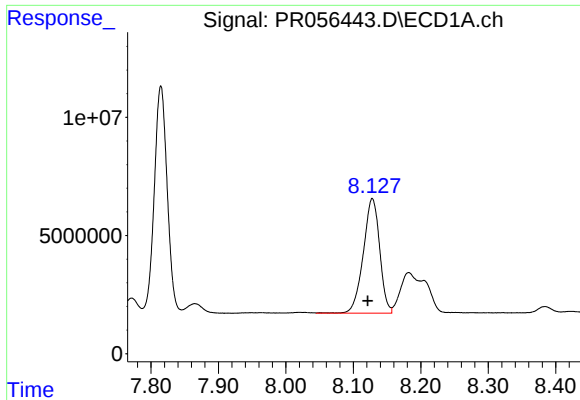
#37 AR-1262-2

R.T.: 7.815 min
Delta R.T.: 0.000 min
Response: 128054232
Conc: 563.53 ng/ml



#37 AR-1262-2

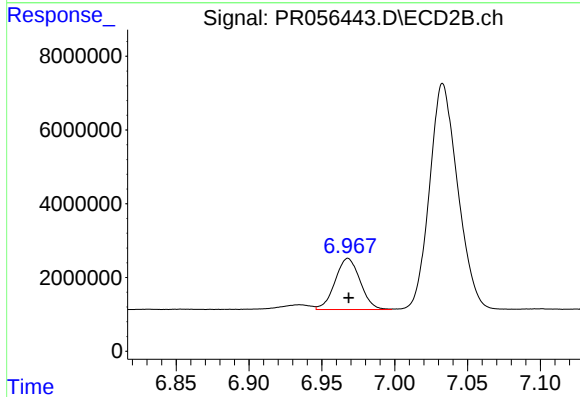
R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 37831797
Conc: 382.11 ng/ml



#38 AR-1262-3

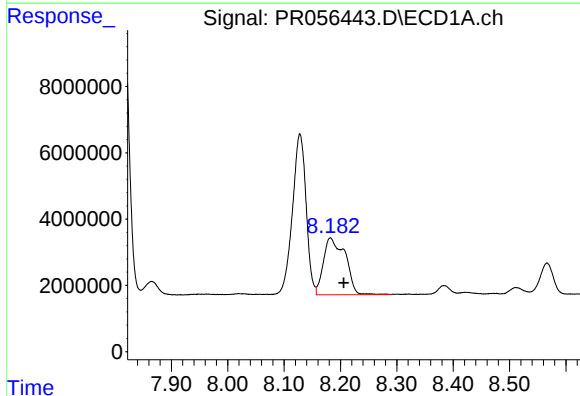
R.T.: 8.128 min
Delta R.T.: 0.007 min
Response: 81887232
Conc: 523.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



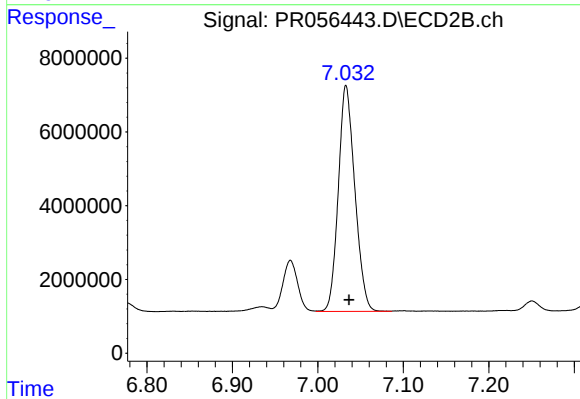
#38 AR-1262-3

R.T.: 6.968 min
Delta R.T.: 0.000 min
Response: 16665510
Conc: 209.83 ng/ml



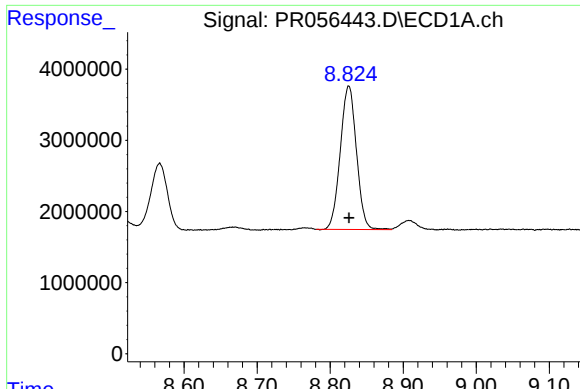
#39 AR-1262-4

R.T.: 8.182 min
Delta R.T.: -0.024 min
Response: 46108822
Conc: 669.96 ng/ml



#39 AR-1262-4

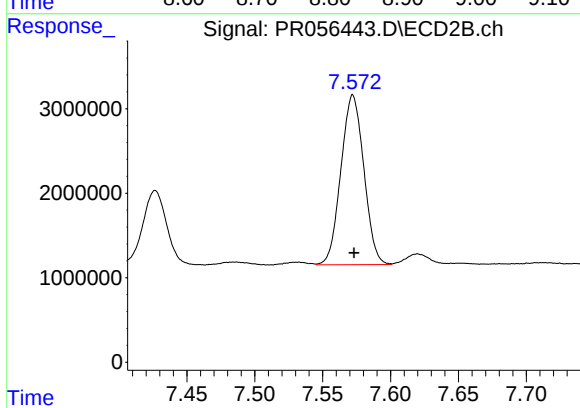
R.T.: 7.033 min
Delta R.T.: -0.004 min
Response: 82523941
Conc: 535.73 ng/ml



#40 AR-1262-5

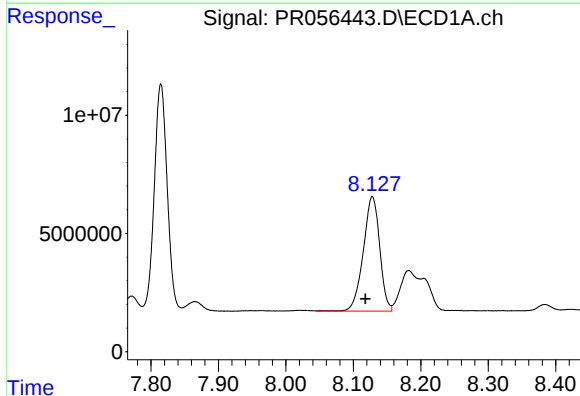
R.T.: 8.825 min
Delta R.T.: 0.000 min
Response: 31008647
Conc: 363.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



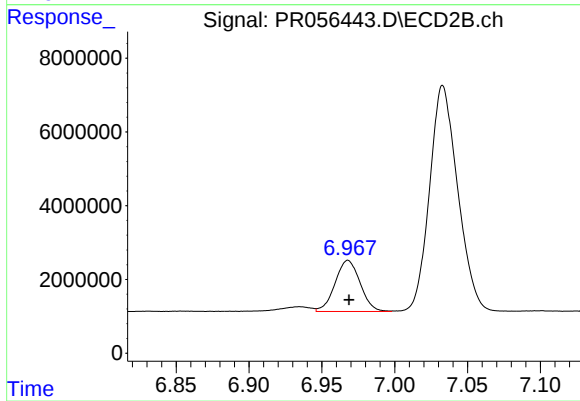
#40 AR-1262-5

R.T.: 7.572 min
Delta R.T.: 0.000 min
Response: 23622488
Conc: 324.91 ng/ml



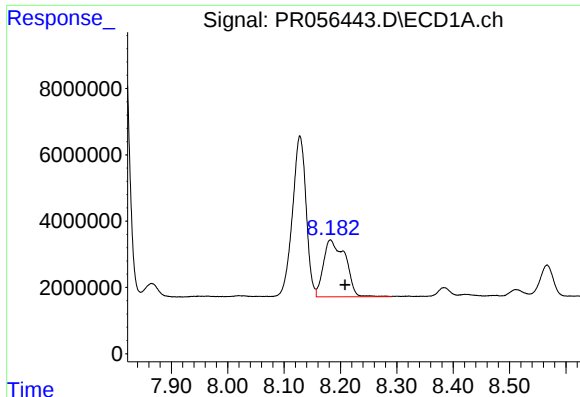
#41 AR-1268-1

R.T.: 8.128 min
Delta R.T.: 0.010 min
Response: 81887232
Conc: 295.59 ng/ml



#41 AR-1268-1

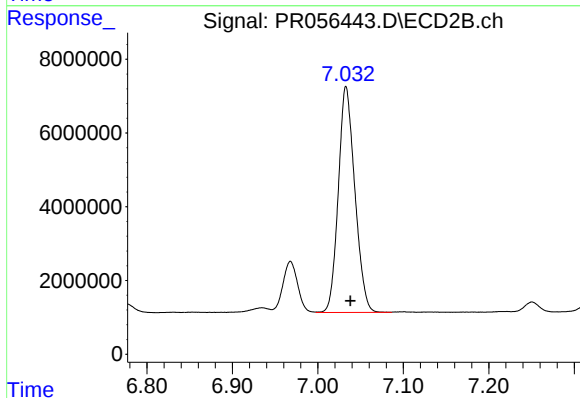
R.T.: 6.968 min
Delta R.T.: 0.000 min
Response: 16665510
Conc: 71.37 ng/ml



#42 AR-1268-2

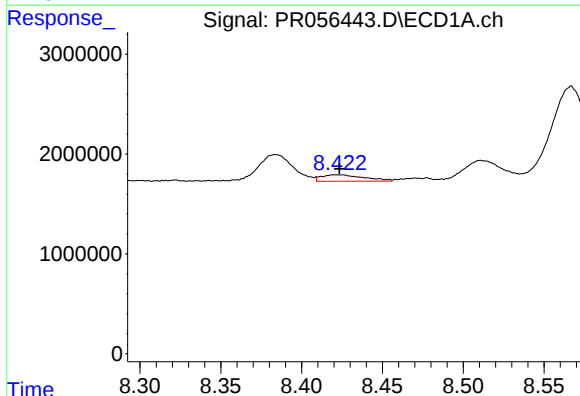
R.T.: 8.182 min
Delta R.T.: -0.026 min
Response: 46108822
Conc: 177.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



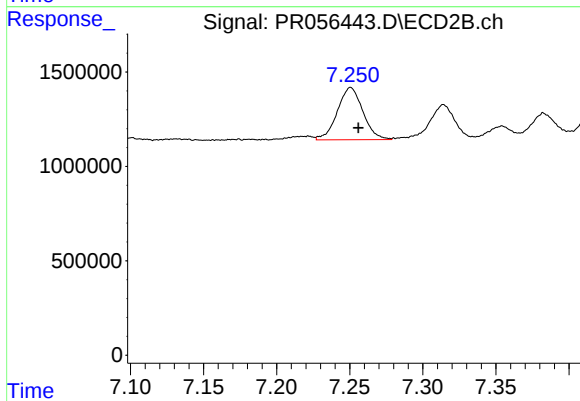
#42 AR-1268-2

R.T.: 7.033 min
Delta R.T.: -0.005 min
Response: 82523941
Conc: 375.33 ng/ml



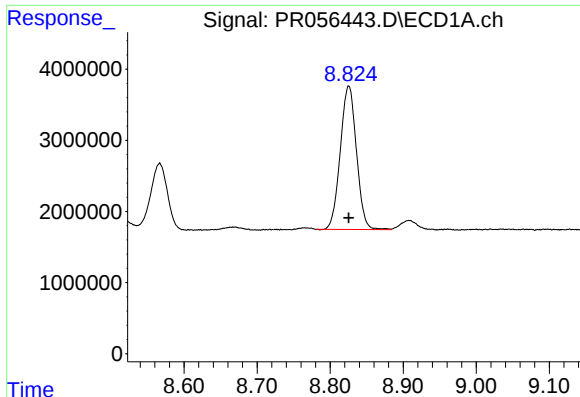
#43 AR-1268-3

R.T.: 8.422 min
Delta R.T.: 0.000 min
Response: 1176359
Conc: 5.33 ng/ml



#43 AR-1268-3

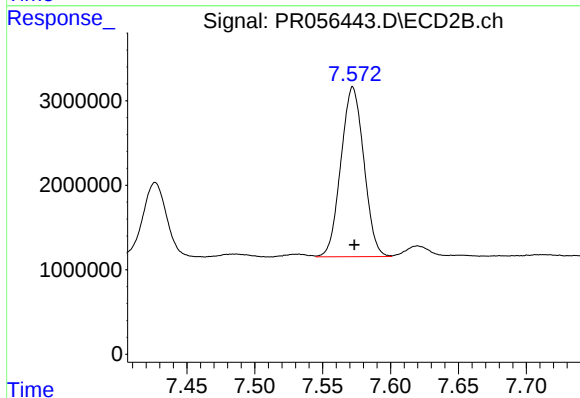
R.T.: 7.251 min
Delta R.T.: -0.005 min
Response: 3354610
Conc: 18.14 ng/ml



#44 AR-1268-4

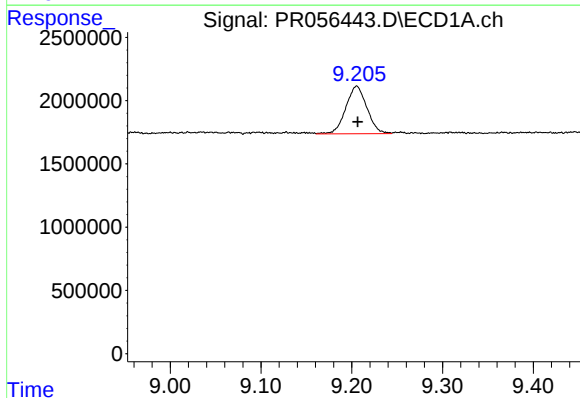
R.T.: 8.825 min
Delta R.T.: 0.000 min
Response: 31008647
Conc: 319.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



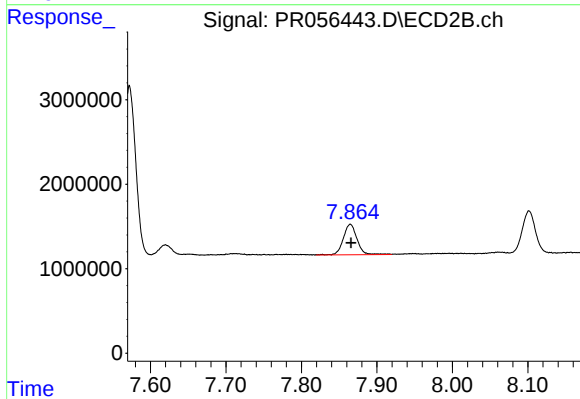
#44 AR-1268-4

R.T.: 7.572 min
Delta R.T.: -0.001 min
Response: 23622488
Conc: 289.17 ng/ml



#45 AR-1268-5

R.T.: 9.205 min
Delta R.T.: -0.001 min
Response: 6085869
Conc: 8.51 ng/ml



#45 AR-1268-5

R.T.: 7.865 min
Delta R.T.: 0.000 min
Response: 4554542
Conc: 7.46 ng/ml