

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022823\
 Data File : P0092814.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2023 11:16
 Operator : YP/AJ
 Sample : 01701-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 22:05:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 22 05:46:11 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...	4.433	3.638	91995218	35089327	30.637	27.528
2)	SA Decachlor...	10.274	8.677	65543168	31053983	34.075	26.646
Target Compounds							
3)	L1 AR-1016-1	5.634	4.724	2944244	275589	32.034	6.822 #
4)	L1 AR-1016-2	5.634	4.741	2944244	345696	22.090	5.987 #
5)	L1 AR-1016-3	5.693	4.922	797040	639867	9.180	20.419 #
6)	L1 AR-1016-4	0.000	4.962	0	1074307	N.D.	38.427 #
7)	L1 AR-1016-5	6.091	5.173	5666856	694932	79.736	19.591 #
8)	L2 AR-1221-1	4.637	3.843	2076174	557286	52.527	34.494 #
9)	L2 AR-1221-2	4.741	3.936	2486081	1429472	86.403	118.070 #
10)	L2 AR-1221-3	4.823	4.015	2300893	349562	26.126	9.388 #
11)	L3 AR-1232-1	4.823	4.015	2300893	349562	32.743	11.166 #
12)	L3 AR-1232-2	5.341	4.741	6903738	345696	200.738	12.833 #
13)	L3 AR-1232-3	5.634	4.922	2944244	639867	48.160	45.647
14)	L3 AR-1232-4	0.000	5.007	0	563934	N.D.	39.654 #
15)	L3 AR-1232-5	5.888	5.173	1505839	694932	57.987	44.689
16)	L4 AR-1242-1	5.634	4.724	2944244	275589	37.316	8.207 #
17)	L4 AR-1242-2	5.634	4.741	2944244	345696	25.595	7.209 #
18)	L4 AR-1242-3	5.693	4.922	797040	639867	10.797	24.573 #
19)	L4 AR-1242-4	0.000	5.007	0	563934	N.D.	19.557 #
20)	L4 AR-1242-5	6.543	5.530	7371292	10341475	125.848	330.514 #
21)	L5 AR-1248-1	5.634	4.724	2944244	275589	48.030	10.525 #
22)	L5 AR-1248-2	5.888	4.962	1505839	1074307	15.647	26.553 #
23)	L5 AR-1248-3	6.091	5.007	5666856	563934	55.223	13.381 #
24)	L5 AR-1248-4	6.501	5.173	4176430	694932	41.731	14.387 #
25)	L5 AR-1248-5	6.543	5.570	7371292	2021382	72.818	48.432 #
26)	L6 AR-1254-1	6.474	5.530	15552309	10341475	137.168	147.712
27)	L6 AR-1254-2	6.695	5.678	25877633	8836639	155.698	140.848
28)	L6 AR-1254-3	7.064	6.085	56983997	50336463	348.098	522.177 #
29)	L6 AR-1254-4	7.352	6.313	30050925	11414634	289.555	221.204
30)	L6 AR-1254-5	7.775	6.734	217.8E6	95384117	1776.275	1174.809 #
31)	L7 AR-1260-1	7.229	6.215	93906133	48402877	769.534	710.466
32)	L7 AR-1260-2	7.489	6.404	89030778	46834903	605.737	582.649
33)	L7 AR-1260-3	7.775	6.559	217.8E6	45362257	1385.473	561.966 #
34)	L7 AR-1260-4	8.079	7.033	112.4E6	40363261	959.429	663.090 #
35)	L7 AR-1260-5	8.408	7.277	178.0E6	96802334	858.350	758.229
36)	L8 AR-1262-1	7.775	6.734	217.8E6	95384117	2259.537	2281.926
37)	L8 AR-1262-2	8.408	7.277	178.0E6	96802334	757.624	733.399
38)	L8 AR-1262-3	8.741	7.562	120.9E6	20848903	721.183	361.971 #
39)	L8 AR-1262-4	8.804	7.626	71940560	68370510	501.677	681.186 #
40)	L8 AR-1262-5	9.497	8.125	47655428	23380421	551.174	509.450
41)	L9 AR-1268-1	8.741	7.562	120.9E6	20848903	386.905	121.332 #

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 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	8.804	7.626	71940560	68370510	243.213	449.130 #
43) L9	AR-1268-3	9.058	7.835	3039585	1643600	11.946	12.283
44) L9	AR-1268-4	9.497	8.125	47655428	23380421	501.298	432.710
45) L9	AR-1268-5	9.923	8.420	13694082	6961486	18.306	19.041

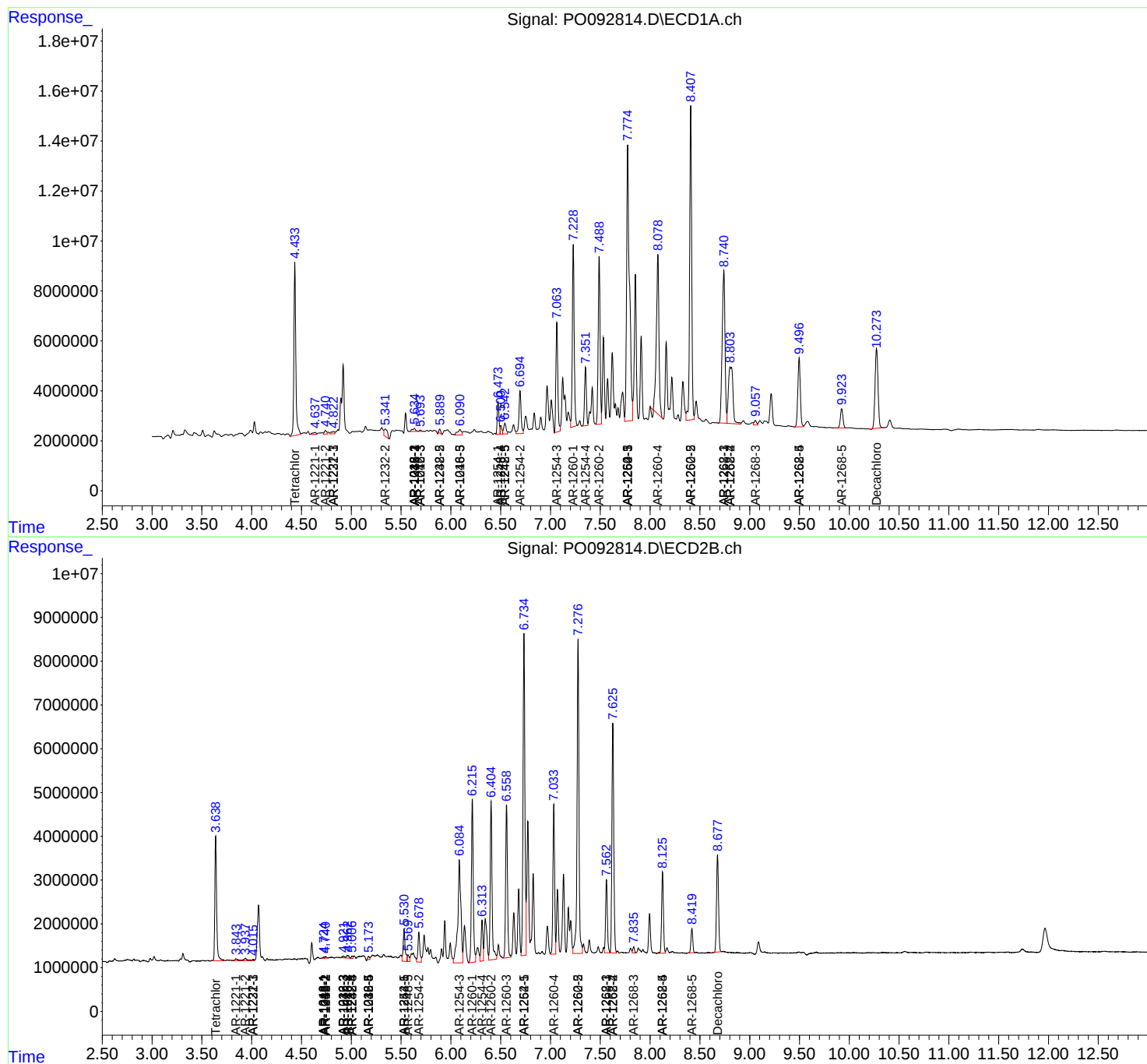
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

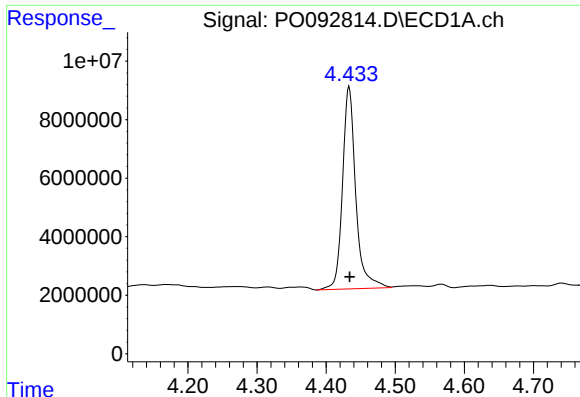
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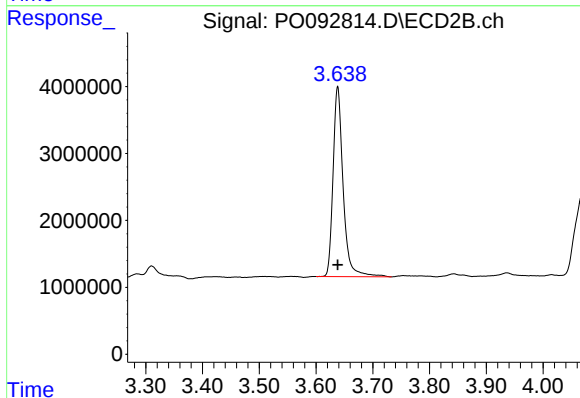




#1 Tetrachloro-m-xylene

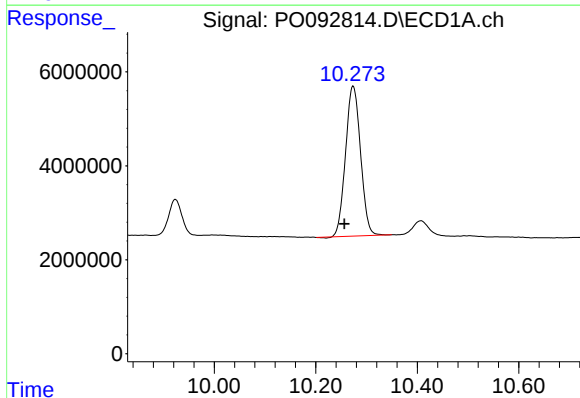
R.T.: 4.433 min
Delta R.T.: 0.000 min
Response: 91995218
Conc: 30.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



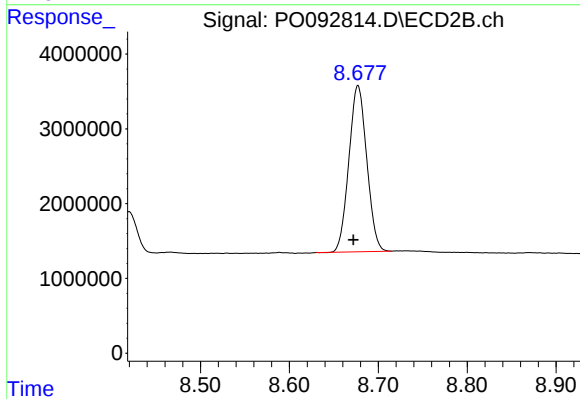
#1 Tetrachloro-m-xylene

R.T.: 3.638 min
Delta R.T.: 0.000 min
Response: 35089327
Conc: 27.53 ng/ml



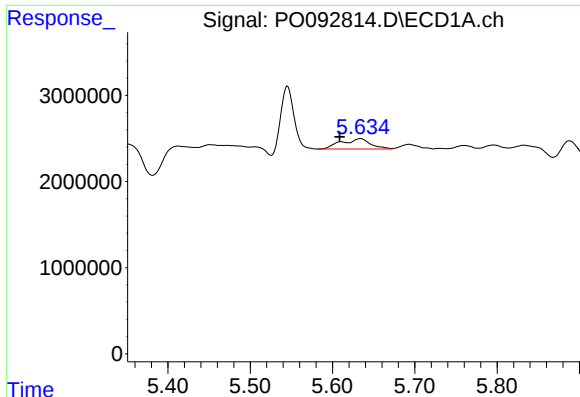
#2 Decachlorobiphenyl

R.T.: 10.274 min
Delta R.T.: 0.017 min
Response: 65543168
Conc: 34.08 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.677 min
Delta R.T.: 0.005 min
Response: 31053983
Conc: 26.65 ng/ml



#3 AR-1016-1

R.T.: 5.634 min
Delta R.T.: 0.025 min
Response: 2944244
Conc: 32.03 ng/ml

Instrument :
ECD_O
ClientSampleId :

#3 AR-1016-1

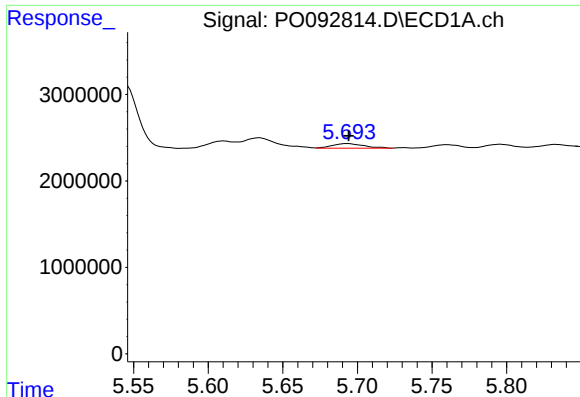
R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 275589
Conc: 6.82 ng/ml

#4 AR-1016-2

R.T.: 5.634 min
Delta R.T.: 0.002 min
Response: 2944244
Conc: 22.09 ng/ml

#4 AR-1016-2

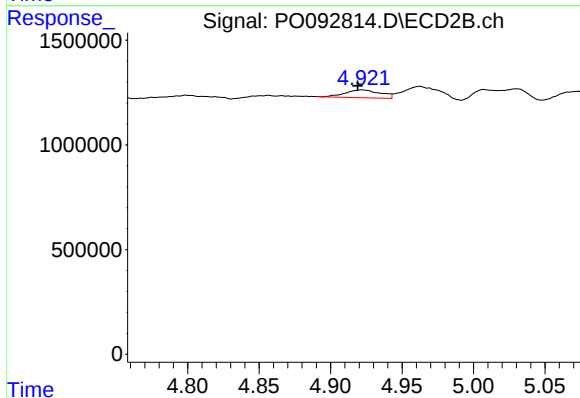
R.T.: 4.741 min
Delta R.T.: -0.001 min
Response: 345696
Conc: 5.99 ng/ml



#5 AR-1016-3

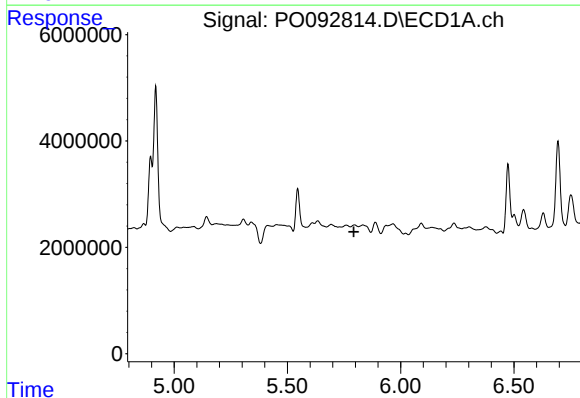
R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 797040
Conc: 9.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



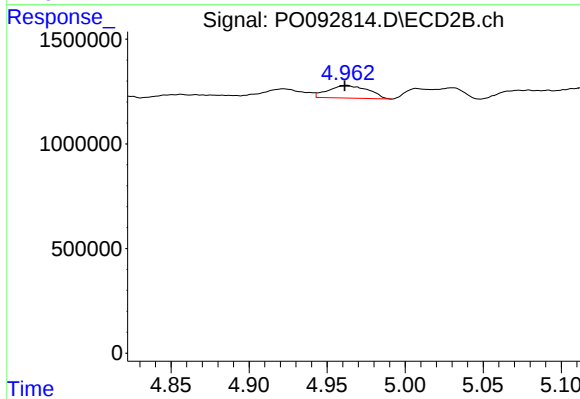
#5 AR-1016-3

R.T.: 4.922 min
Delta R.T.: 0.003 min
Response: 639867
Conc: 20.42 ng/ml



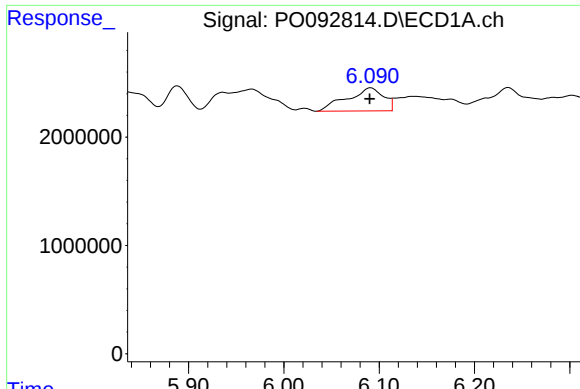
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.793 min
Response: 0
Conc: N.D.



#6 AR-1016-4

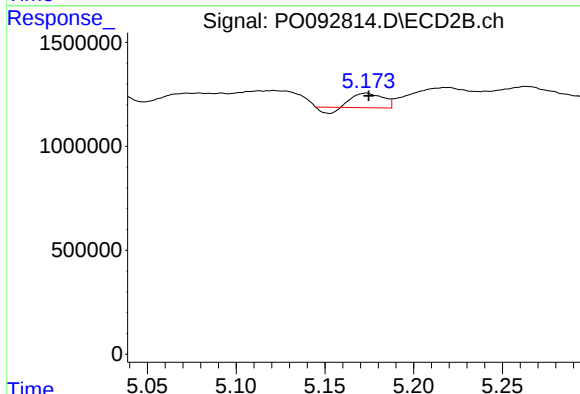
R.T.: 4.962 min
Delta R.T.: 0.001 min
Response: 1074307
Conc: 38.43 ng/ml



#7 AR-1016-5

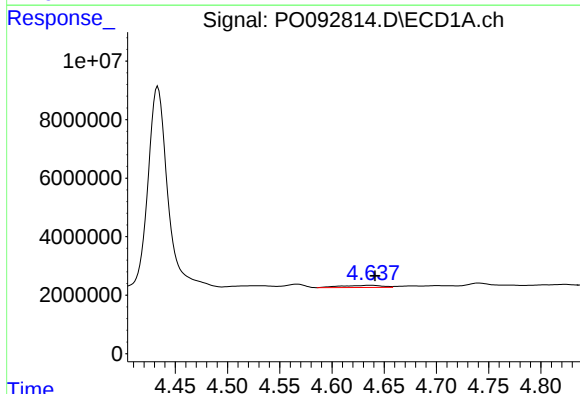
R.T.: 6.091 min
Delta R.T.: 0.000 min
Response: 5666856
Conc: 79.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



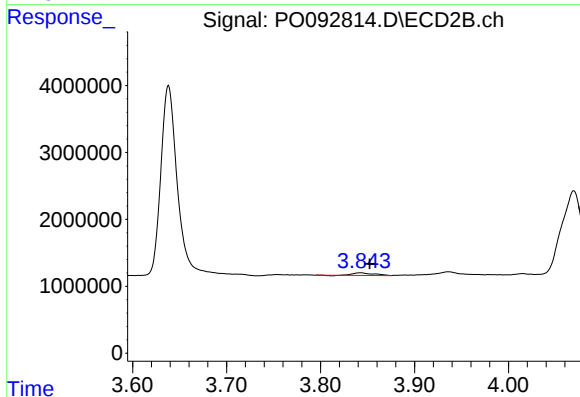
#7 AR-1016-5

R.T.: 5.173 min
Delta R.T.: -0.001 min
Response: 694932
Conc: 19.59 ng/ml



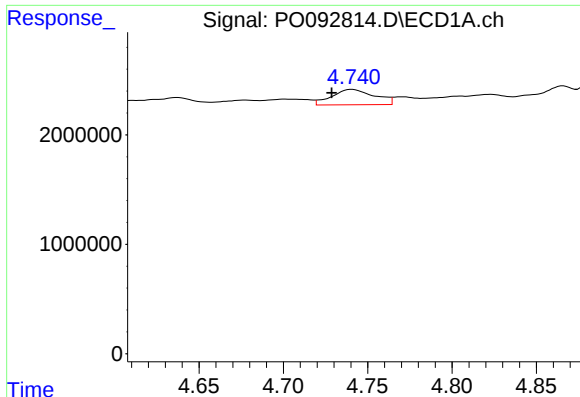
#8 AR-1221-1

R.T.: 4.637 min
Delta R.T.: -0.004 min
Response: 2076174
Conc: 52.53 ng/ml



#8 AR-1221-1

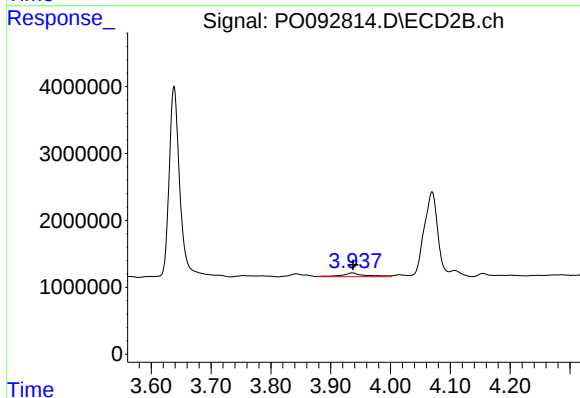
R.T.: 3.843 min
Delta R.T.: -0.010 min
Response: 557286
Conc: 34.49 ng/ml



#9 AR-1221-2

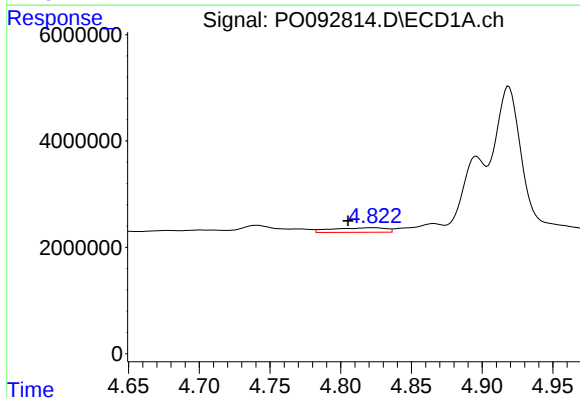
R.T.: 4.741 min
Delta R.T.: 0.012 min
Response: 2486081
Conc: 86.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



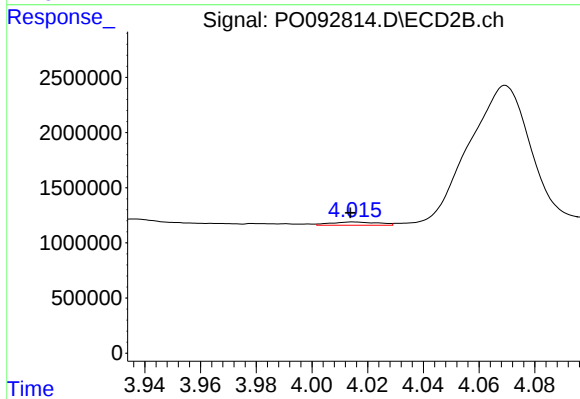
#9 AR-1221-2

R.T.: 3.936 min
Delta R.T.: -0.001 min
Response: 1429472
Conc: 118.07 ng/ml



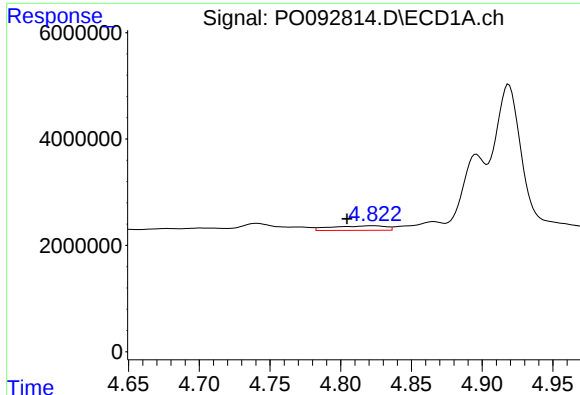
#10 AR-1221-3

R.T.: 4.823 min
Delta R.T.: 0.018 min
Response: 2300893
Conc: 26.13 ng/ml



#10 AR-1221-3

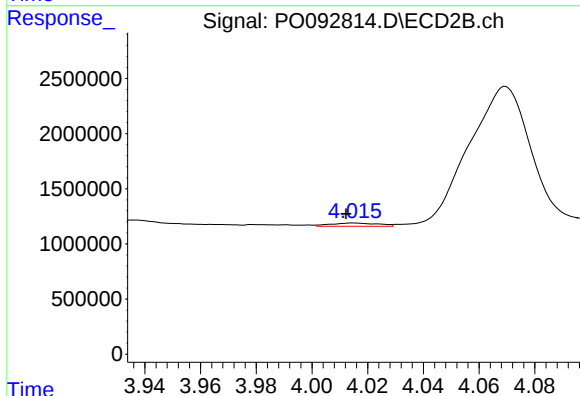
R.T.: 4.015 min
Delta R.T.: 0.001 min
Response: 349562
Conc: 9.39 ng/ml



#11 AR-1232-1

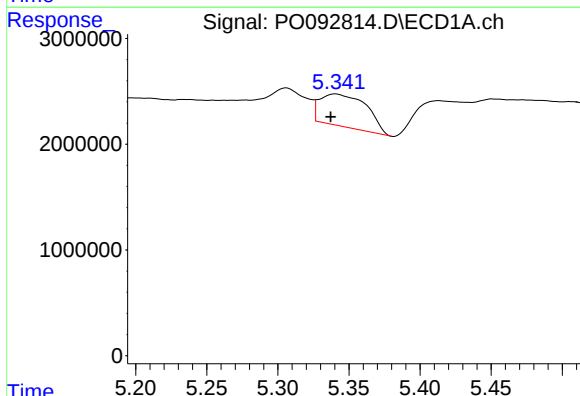
R.T.: 4.823 min
Delta R.T.: 0.018 min
Response: 2300893
Conc: 32.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



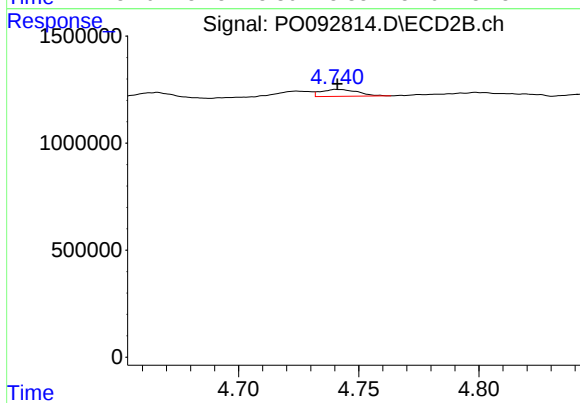
#11 AR-1232-1

R.T.: 4.015 min
Delta R.T.: 0.003 min
Response: 349562
Conc: 11.17 ng/ml



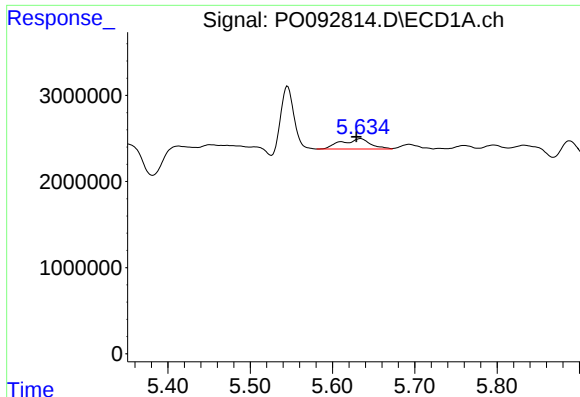
#12 AR-1232-2

R.T.: 5.341 min
Delta R.T.: 0.003 min
Response: 6903738
Conc: 200.74 ng/ml



#12 AR-1232-2

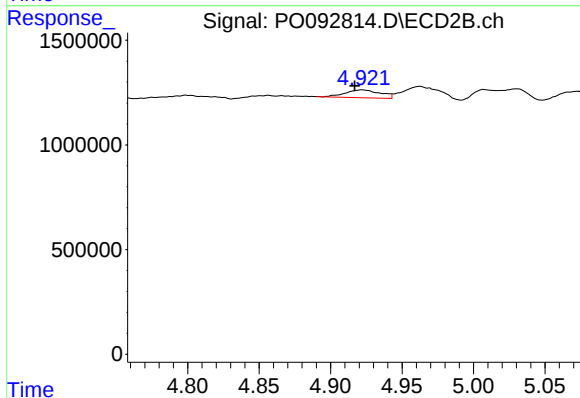
R.T.: 4.741 min
Delta R.T.: 0.000 min
Response: 345696
Conc: 12.83 ng/ml



#13 AR-1232-3

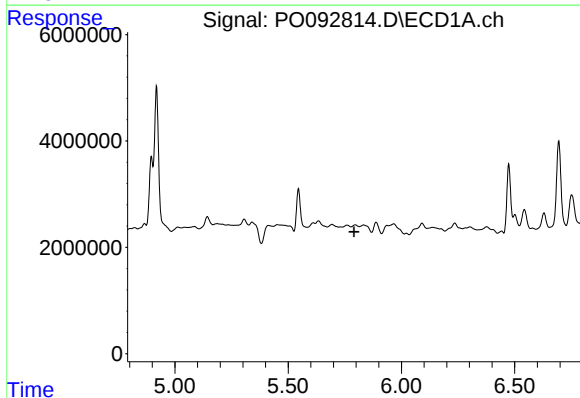
R.T.: 5.634 min
Delta R.T.: 0.005 min
Response: 2944244
Conc: 48.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



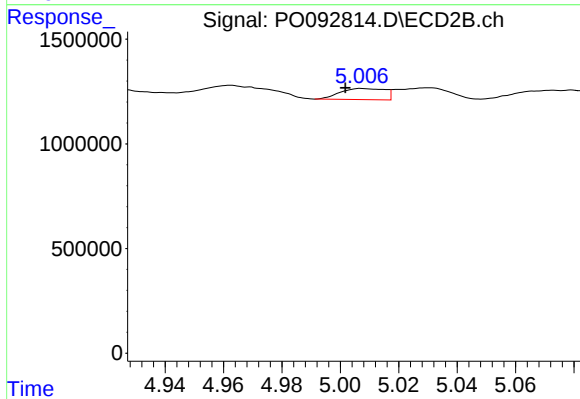
#13 AR-1232-3

R.T.: 4.922 min
Delta R.T.: 0.005 min
Response: 639867
Conc: 45.65 ng/ml



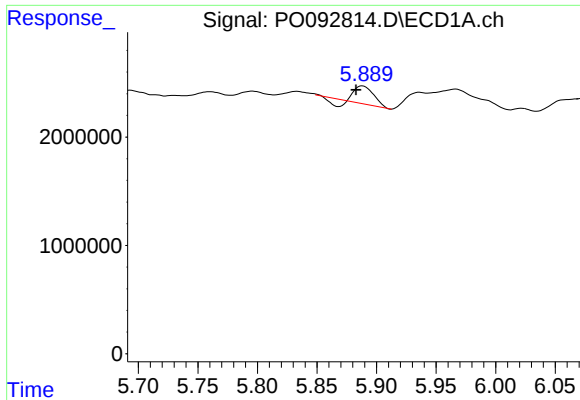
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.791 min
Response: 0
Conc: N.D.



#14 AR-1232-4

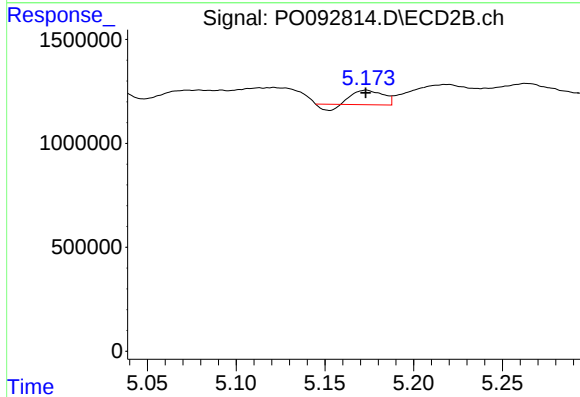
R.T.: 5.007 min
Delta R.T.: 0.006 min
Response: 563934
Conc: 39.65 ng/ml



#15 AR-1232-5

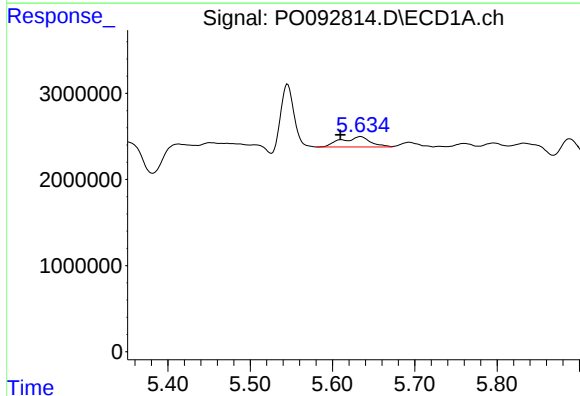
R.T.: 5.888 min
Delta R.T.: 0.005 min
Response: 1505839
Conc: 57.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



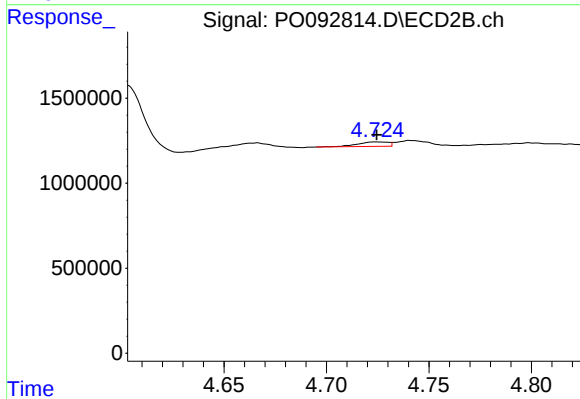
#15 AR-1232-5

R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 694932
Conc: 44.69 ng/ml



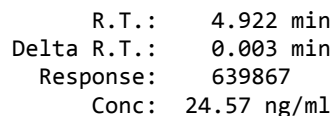
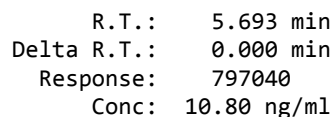
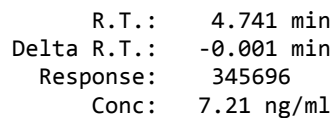
#16 AR-1242-1

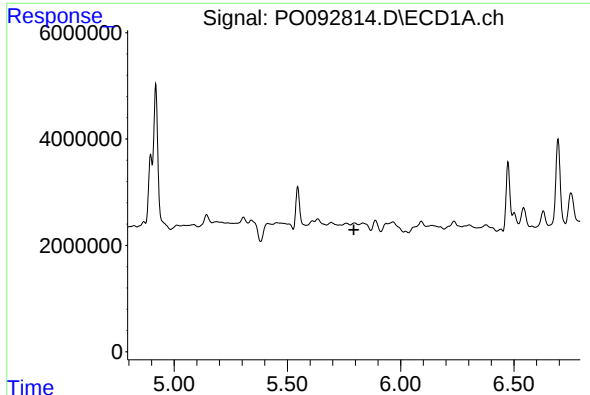
R.T.: 5.634 min
Delta R.T.: 0.025 min
Response: 2944244
Conc: 37.32 ng/ml



#16 AR-1242-1

R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 275589
Conc: 8.21 ng/ml

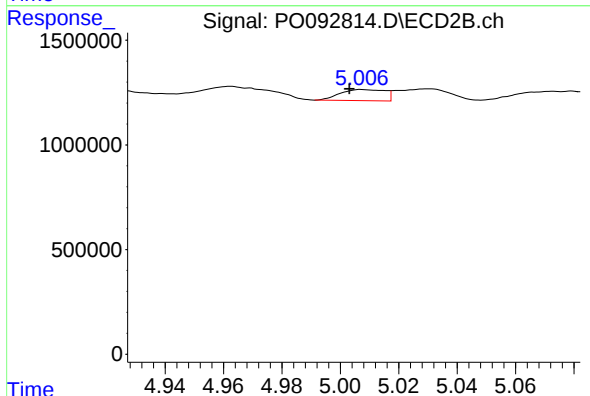




#19 AR-1242-4

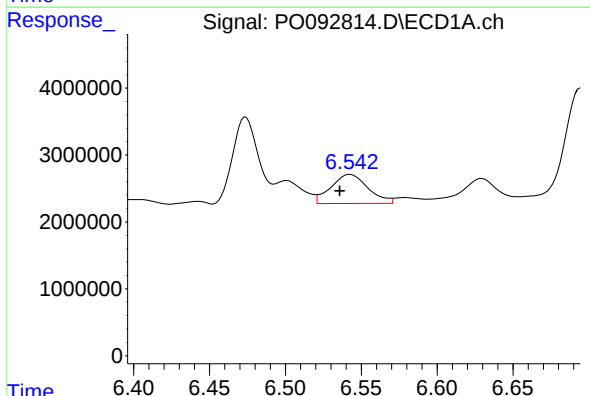
R.T.: 0.000 min
Exp R.T.: 5.793 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



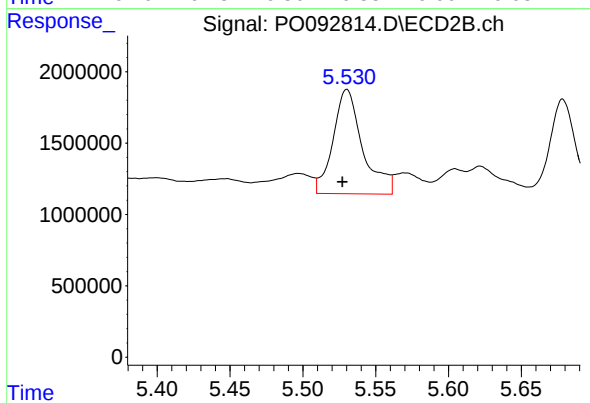
#19 AR-1242-4

R.T.: 5.007 min
Delta R.T.: 0.004 min
Response: 563934
Conc: 19.56 ng/ml



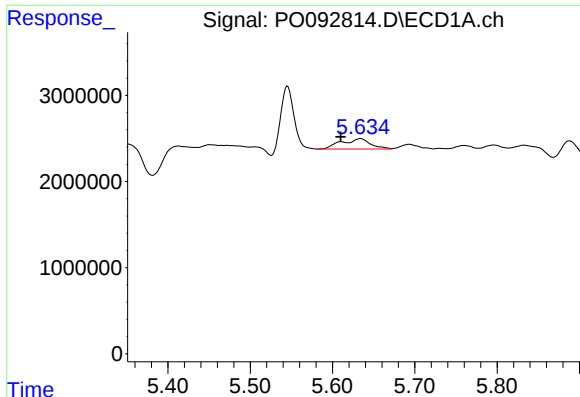
#20 AR-1242-5

R.T.: 6.543 min
Delta R.T.: 0.007 min
Response: 7371292
Conc: 125.85 ng/ml



#20 AR-1242-5

R.T.: 5.530 min
Delta R.T.: 0.003 min
Response: 10341475
Conc: 330.51 ng/ml



#21 AR-1248-1

R.T.: 5.634 min
Delta R.T.: 0.024 min
Response: 2944244
Conc: 48.03 ng/ml

Instrument :
ECD_O
ClientSampleId :

#21 AR-1248-1

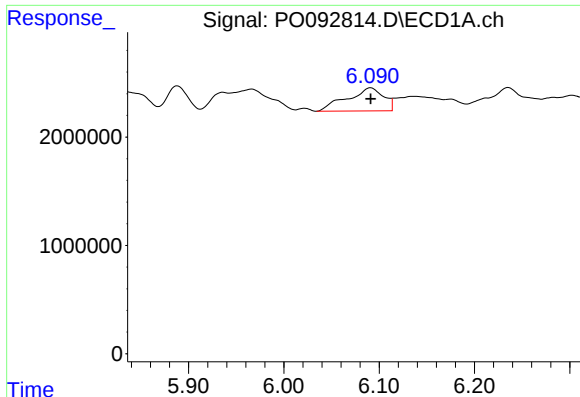
R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 275589
Conc: 10.52 ng/ml

#22 AR-1248-2

R.T.: 5.888 min
Delta R.T.: 0.002 min
Response: 1505839
Conc: 15.65 ng/ml

#22 AR-1248-2

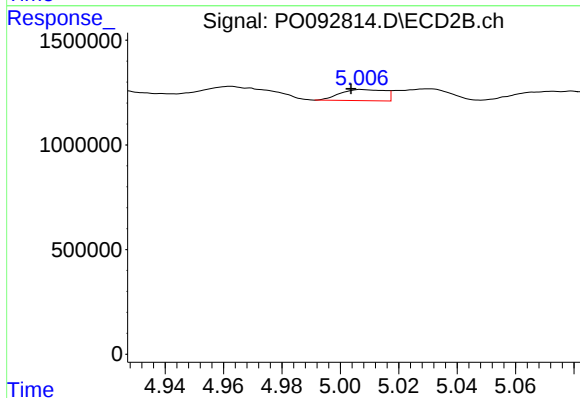
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 1074307
Conc: 26.55 ng/ml



#23 AR-1248-3

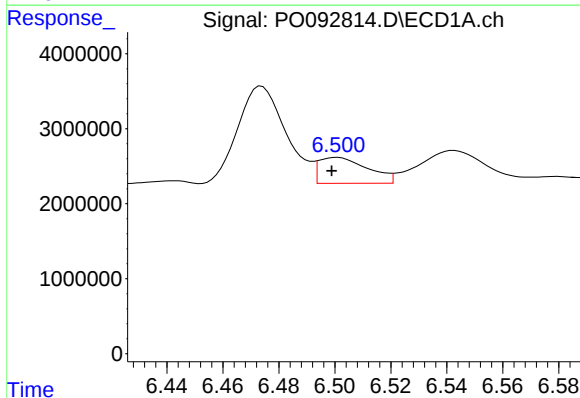
R.T.: 6.091 min
Delta R.T.: 0.000 min
Response: 5666856
Conc: 55.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



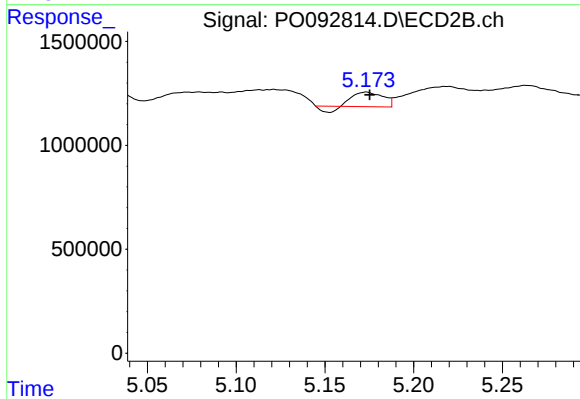
#23 AR-1248-3

R.T.: 5.007 min
Delta R.T.: 0.004 min
Response: 563934
Conc: 13.38 ng/ml



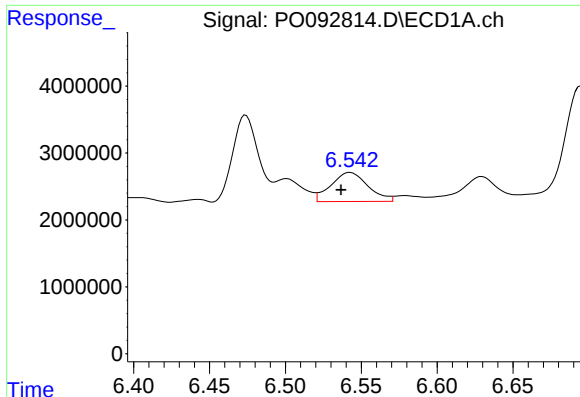
#24 AR-1248-4

R.T.: 6.501 min
Delta R.T.: 0.002 min
Response: 4176430
Conc: 41.73 ng/ml



#24 AR-1248-4

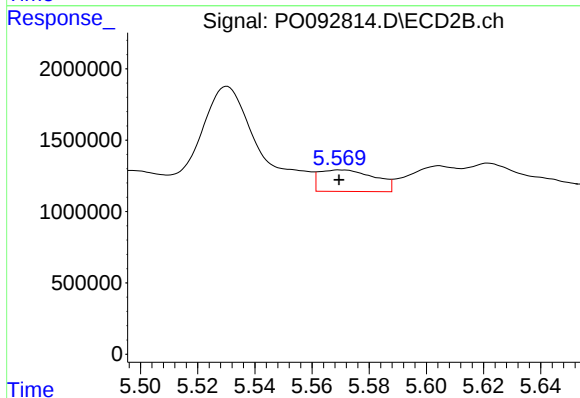
R.T.: 5.173 min
Delta R.T.: -0.002 min
Response: 694932
Conc: 14.39 ng/ml



#25 AR-1248-5

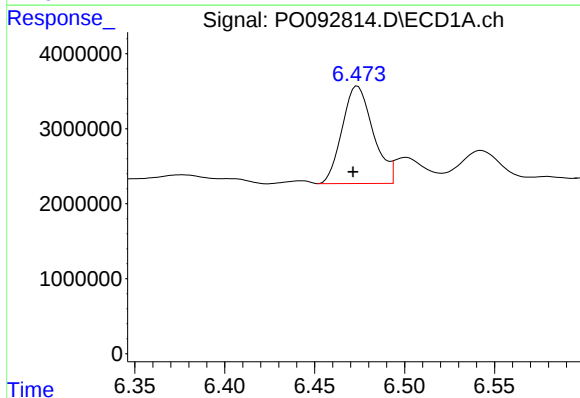
R.T.: 6.543 min
Delta R.T.: 0.006 min
Response: 7371292
Conc: 72.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



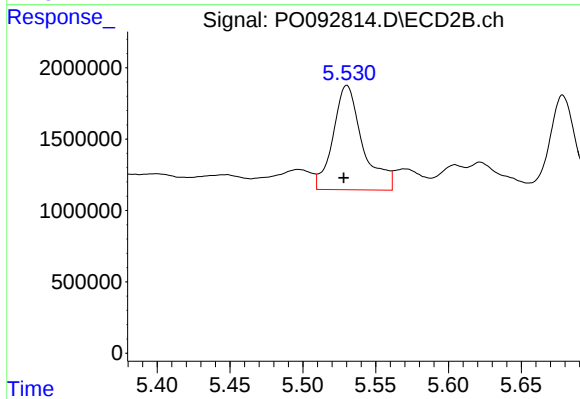
#25 AR-1248-5

R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 2021382
Conc: 48.43 ng/ml



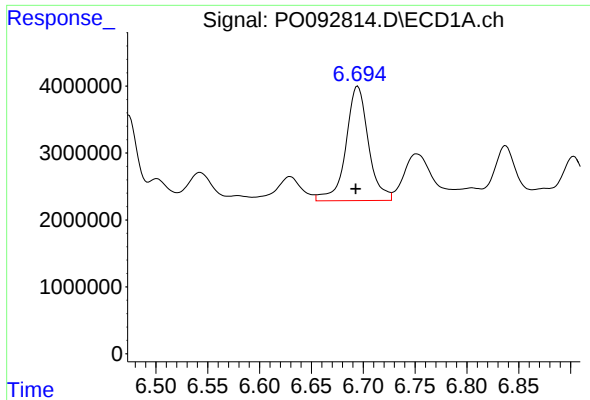
#26 AR-1254-1

R.T.: 6.474 min
Delta R.T.: 0.003 min
Response: 15552309
Conc: 137.17 ng/ml



#26 AR-1254-1

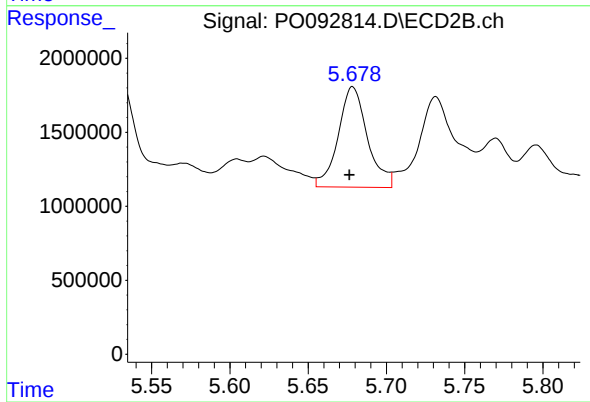
R.T.: 5.530 min
Delta R.T.: 0.002 min
Response: 10341475
Conc: 147.71 ng/ml



#27 AR-1254-2

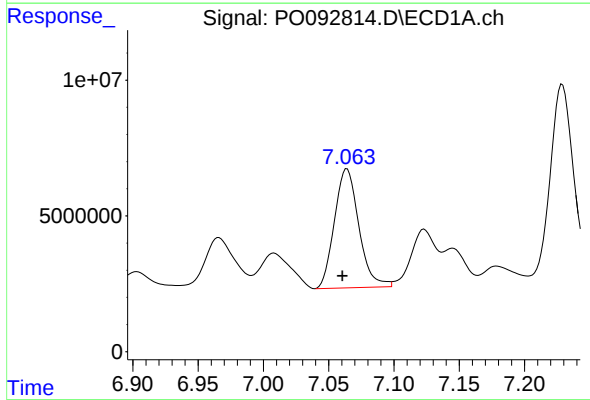
R.T.: 6.695 min
Delta R.T.: 0.002 min
Response: 25877633
Conc: 155.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



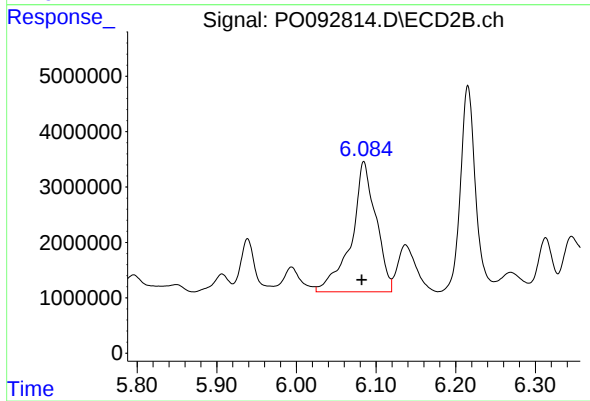
#27 AR-1254-2

R.T.: 5.678 min
Delta R.T.: 0.002 min
Response: 8836639
Conc: 140.85 ng/ml



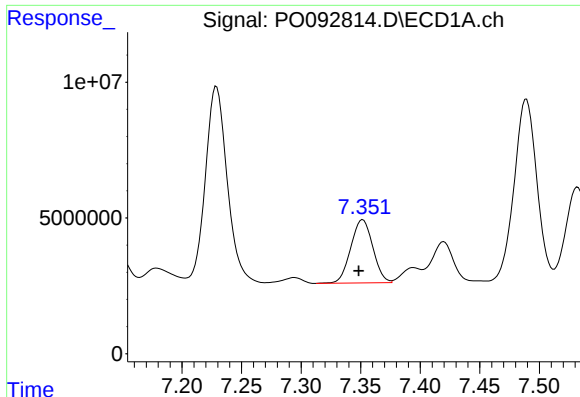
#28 AR-1254-3

R.T.: 7.064 min
Delta R.T.: 0.003 min
Response: 56983997
Conc: 348.10 ng/ml



#28 AR-1254-3

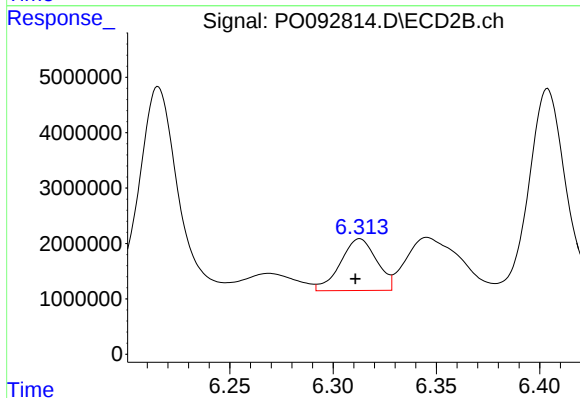
R.T.: 6.085 min
Delta R.T.: 0.003 min
Response: 50336463
Conc: 522.18 ng/ml



#29 AR-1254-4

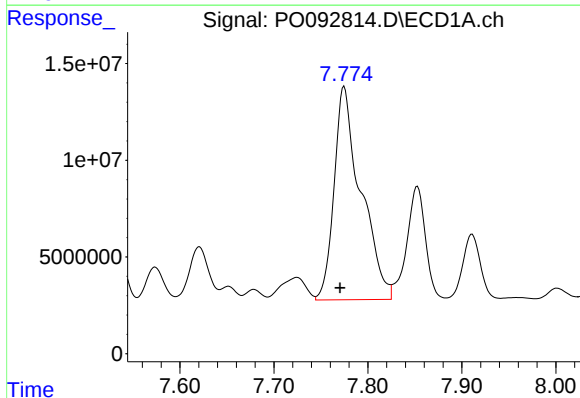
R.T.: 7.352 min
Delta R.T.: 0.003 min
Response: 30050925
Conc: 289.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



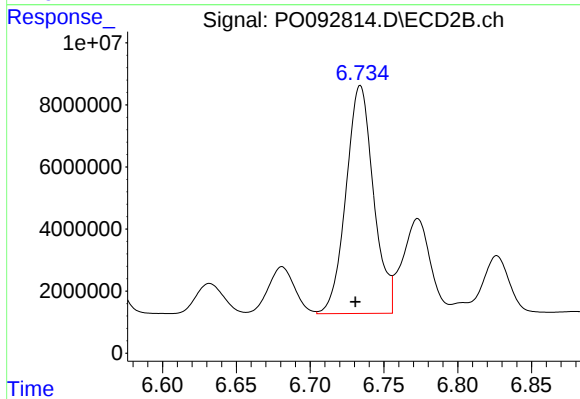
#29 AR-1254-4

R.T.: 6.313 min
Delta R.T.: 0.002 min
Response: 11414634
Conc: 221.20 ng/ml



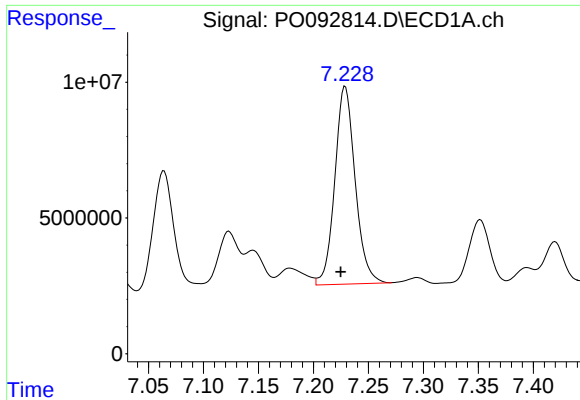
#30 AR-1254-5

R.T.: 7.775 min
Delta R.T.: 0.004 min
Response: 217777800
Conc: 1776.28 ng/ml



#30 AR-1254-5

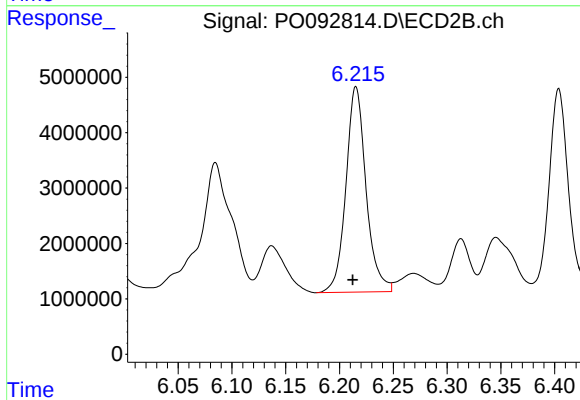
R.T.: 6.734 min
Delta R.T.: 0.003 min
Response: 95384117
Conc: 1174.81 ng/ml



#31 AR-1260-1

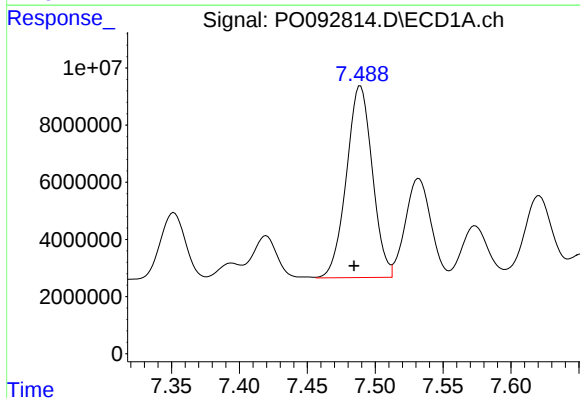
R.T.: 7.229 min
Delta R.T.: 0.004 min
Response: 93906133
Conc: 769.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



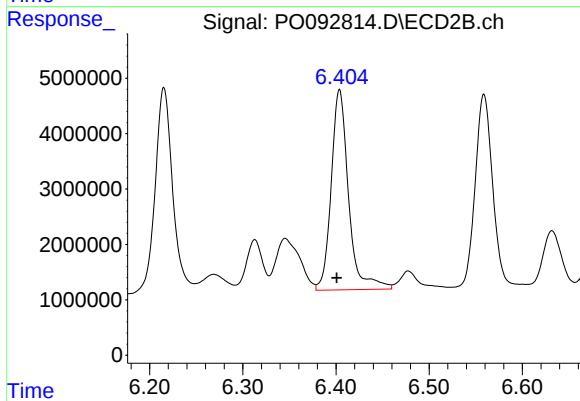
#31 AR-1260-1

R.T.: 6.215 min
Delta R.T.: 0.003 min
Response: 48402877
Conc: 710.47 ng/ml



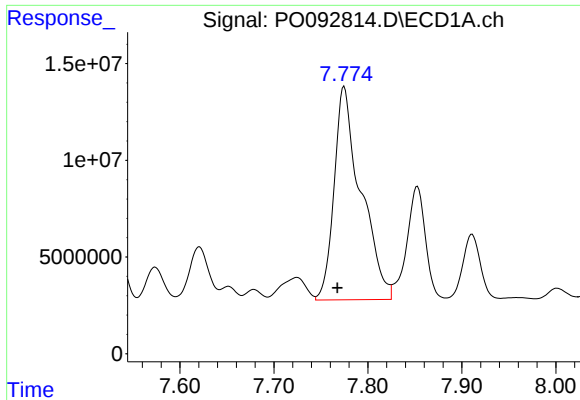
#32 AR-1260-2

R.T.: 7.489 min
Delta R.T.: 0.005 min
Response: 89030778
Conc: 605.74 ng/ml



#32 AR-1260-2

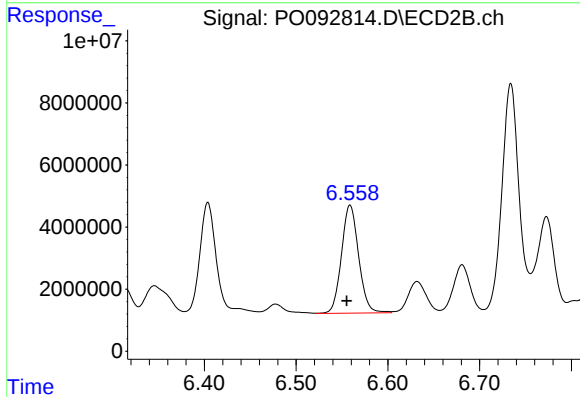
R.T.: 6.404 min
Delta R.T.: 0.003 min
Response: 46834903
Conc: 582.65 ng/ml



#33 AR-1260-3

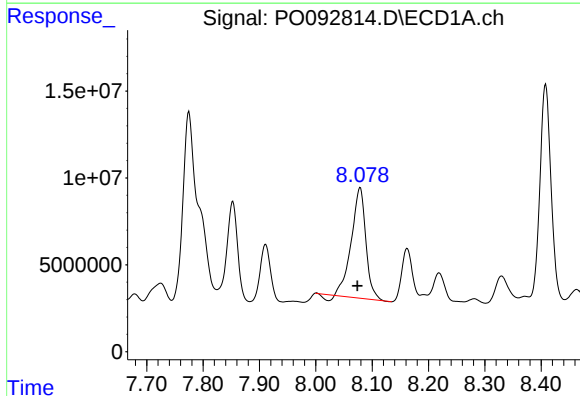
R.T.: 7.775 min
Delta R.T.: 0.007 min
Response: 217777800
Conc: 1385.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



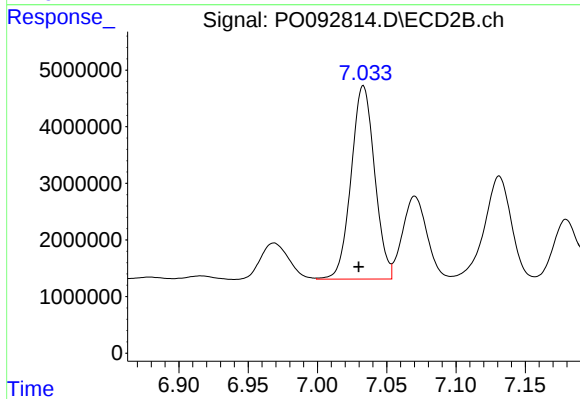
#33 AR-1260-3

R.T.: 6.559 min
Delta R.T.: 0.004 min
Response: 45362257
Conc: 561.97 ng/ml



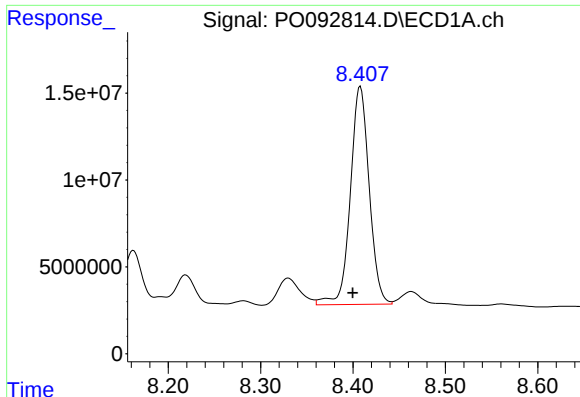
#34 AR-1260-4

R.T.: 8.079 min
Delta R.T.: 0.005 min
Response: 112383900
Conc: 959.43 ng/ml



#34 AR-1260-4

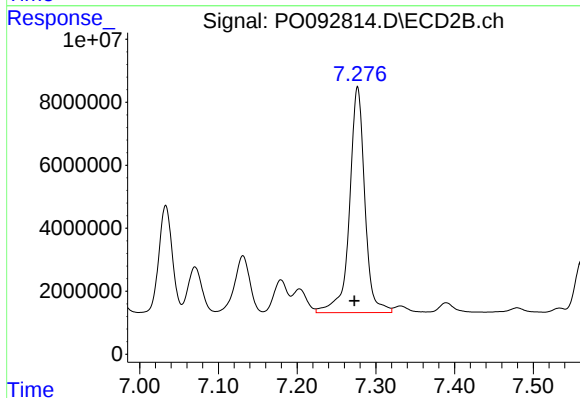
R.T.: 7.033 min
Delta R.T.: 0.003 min
Response: 40363261
Conc: 663.09 ng/ml



#35 AR-1260-5

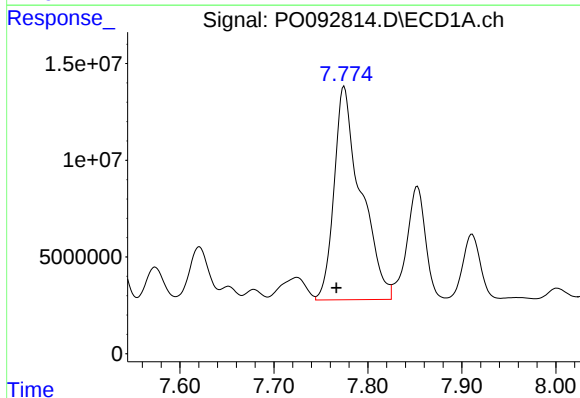
R.T.: 8.408 min
Delta R.T.: 0.008 min
Response: 178011873
Conc: 858.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



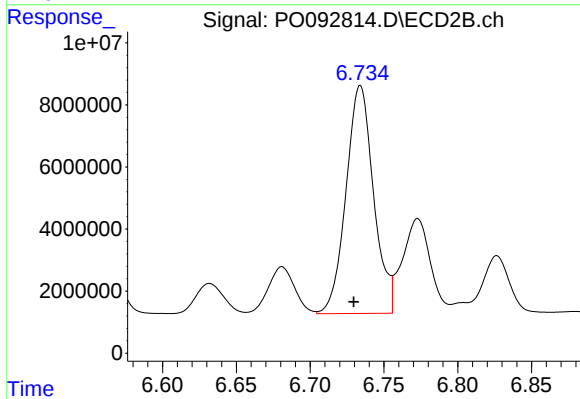
#35 AR-1260-5

R.T.: 7.277 min
Delta R.T.: 0.004 min
Response: 96802334
Conc: 758.23 ng/ml



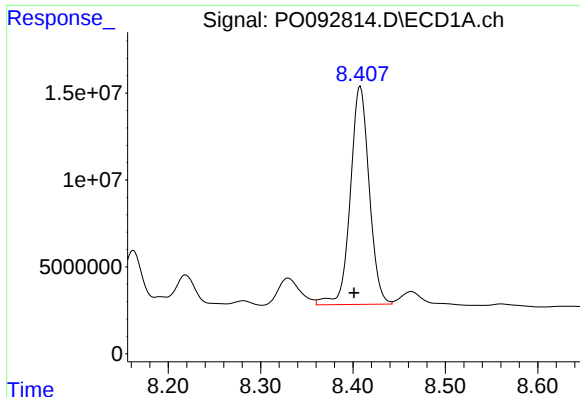
#36 AR-1262-1

R.T.: 7.775 min
Delta R.T.: 0.008 min
Response: 217777800
Conc: 2259.54 ng/ml



#36 AR-1262-1

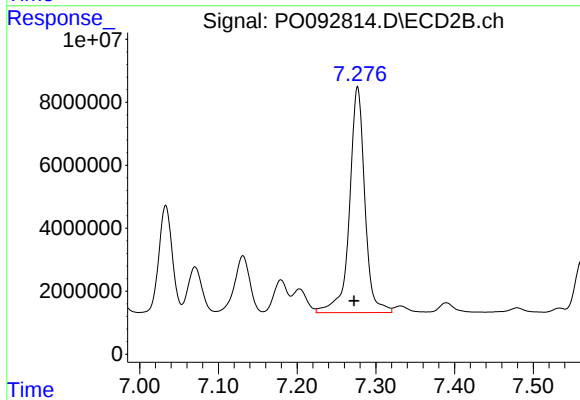
R.T.: 6.734 min
Delta R.T.: 0.004 min
Response: 95384117
Conc: 2281.93 ng/ml



#37 AR-1262-2

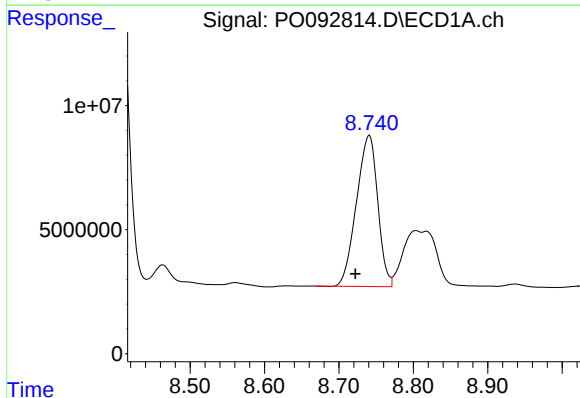
R.T.: 8.408 min
Delta R.T.: 0.007 min
Response: 178011873
Conc: 757.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



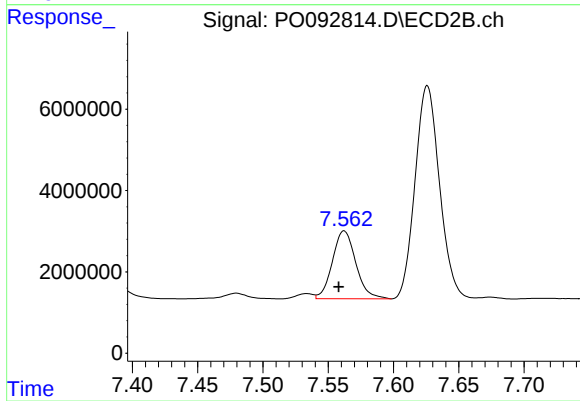
#37 AR-1262-2

R.T.: 7.277 min
Delta R.T.: 0.004 min
Response: 96802334
Conc: 733.40 ng/ml



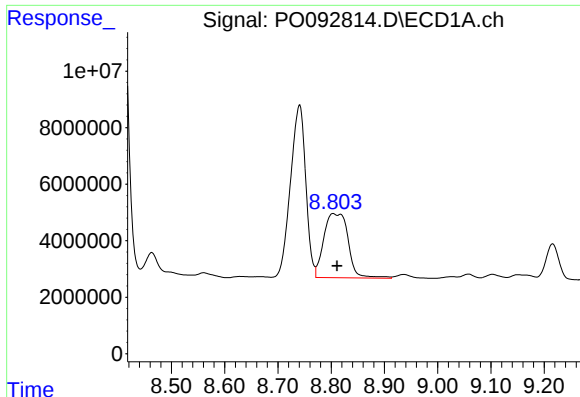
#38 AR-1262-3

R.T.: 8.741 min
Delta R.T.: 0.019 min
Response: 120913733
Conc: 721.18 ng/ml



#38 AR-1262-3

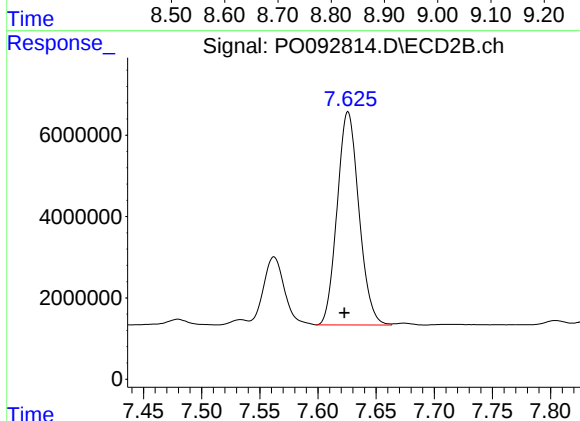
R.T.: 7.562 min
Delta R.T.: 0.004 min
Response: 20848903
Conc: 361.97 ng/ml



#39 AR-1262-4

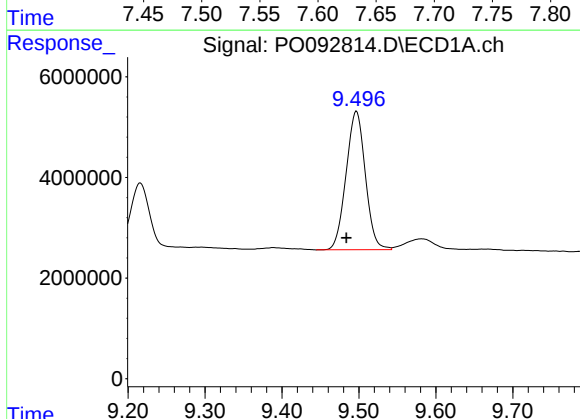
R.T.: 8.804 min
Delta R.T.: -0.008 min
Response: 71940560
Conc: 501.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



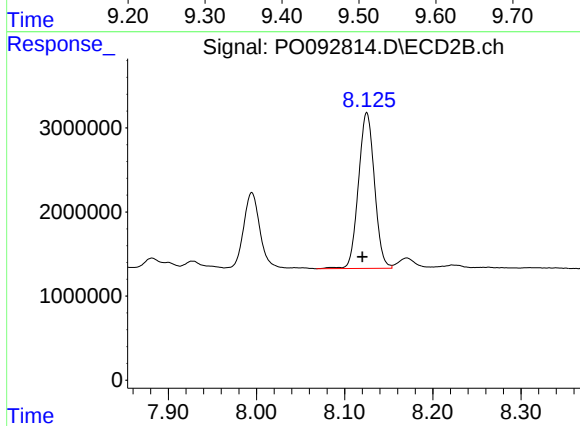
#39 AR-1262-4

R.T.: 7.626 min
Delta R.T.: 0.003 min
Response: 68370510
Conc: 681.19 ng/ml



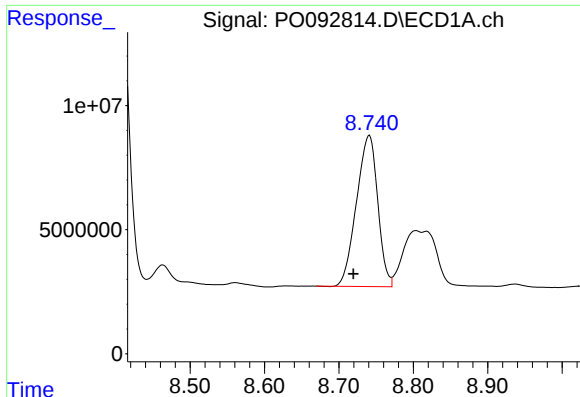
#40 AR-1262-5

R.T.: 9.497 min
Delta R.T.: 0.013 min
Response: 47655428
Conc: 551.17 ng/ml



#40 AR-1262-5

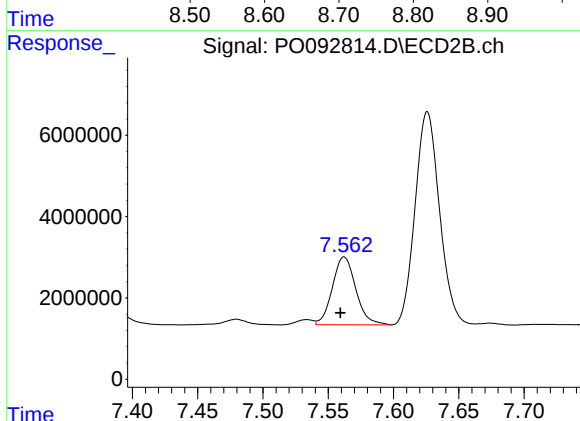
R.T.: 8.125 min
Delta R.T.: 0.005 min
Response: 23380421
Conc: 509.45 ng/ml



#41 AR-1268-1

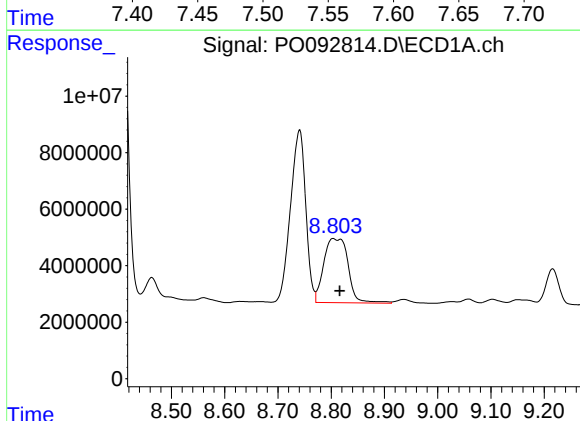
R.T.: 8.741 min
Delta R.T.: 0.021 min
Response: 120913733
Conc: 386.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



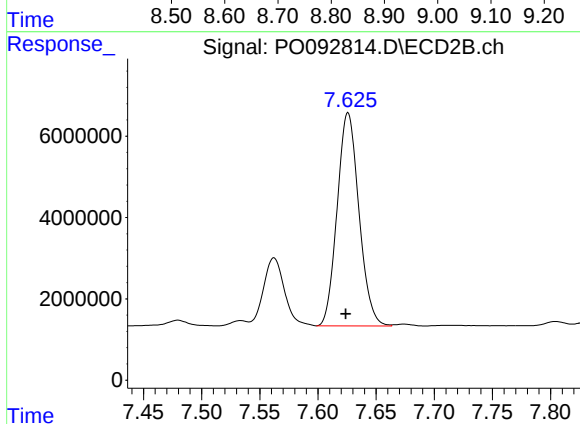
#41 AR-1268-1

R.T.: 7.562 min
Delta R.T.: 0.003 min
Response: 20848903
Conc: 121.33 ng/ml



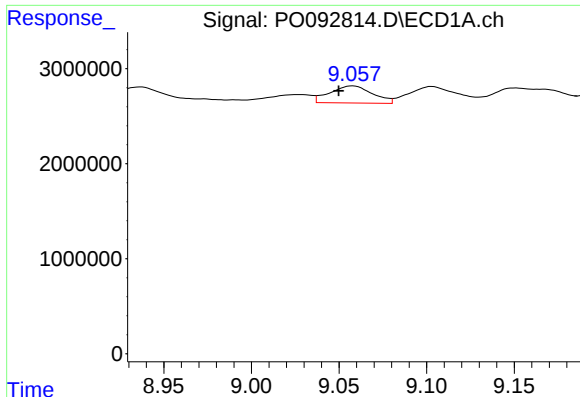
#42 AR-1268-2

R.T.: 8.804 min
Delta R.T.: -0.012 min
Response: 71940560
Conc: 243.21 ng/ml



#42 AR-1268-2

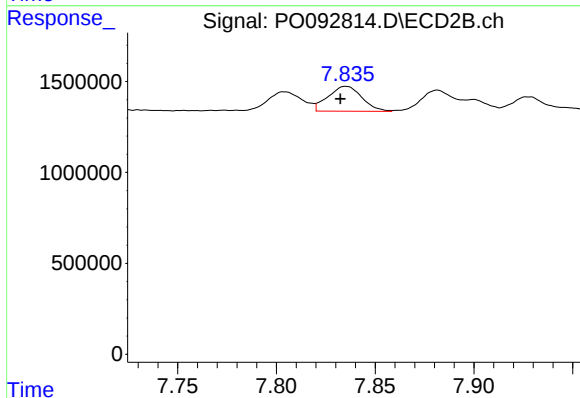
R.T.: 7.626 min
Delta R.T.: 0.002 min
Response: 68370510
Conc: 449.13 ng/ml



#43 AR-1268-3

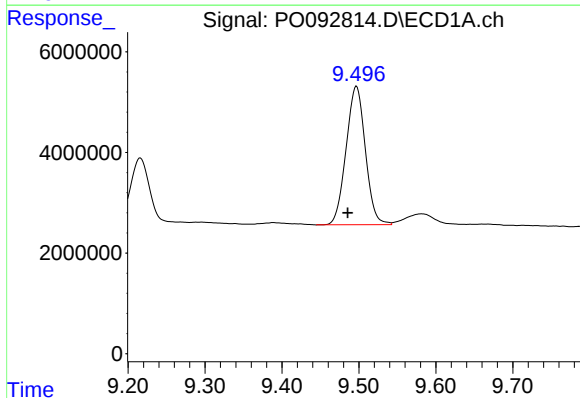
R.T.: 9.058 min
Delta R.T.: 0.008 min
Response: 3039585
Conc: 11.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



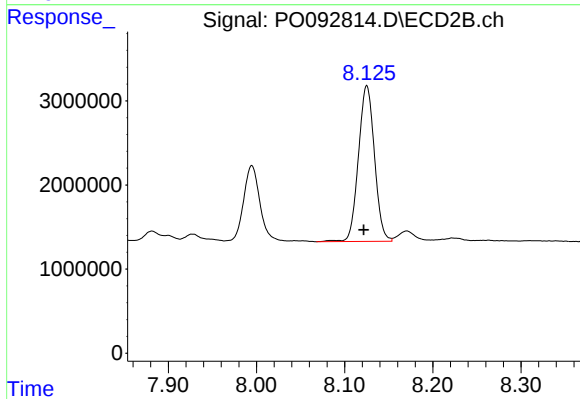
#43 AR-1268-3

R.T.: 7.835 min
Delta R.T.: 0.003 min
Response: 1643600
Conc: 12.28 ng/ml



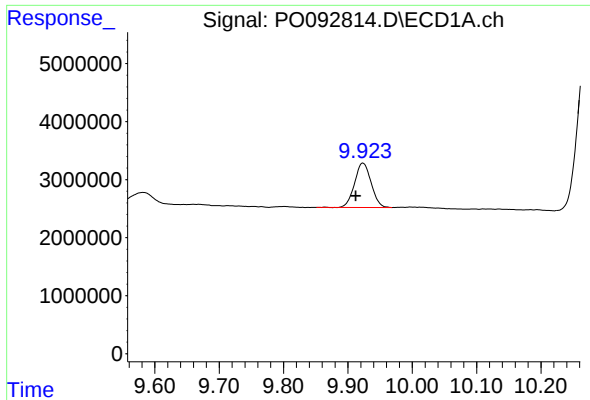
#44 AR-1268-4

R.T.: 9.497 min
Delta R.T.: 0.011 min
Response: 47655428
Conc: 501.30 ng/ml



#44 AR-1268-4

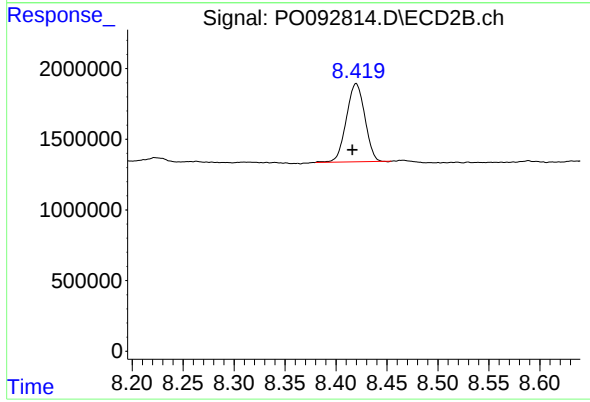
R.T.: 8.125 min
Delta R.T.: 0.004 min
Response: 23380421
Conc: 432.71 ng/ml



#45 AR-1268-5

R.T.: 9.923 min
Delta R.T.: 0.011 min
Response: 13694082
Conc: 18.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.420 min
Delta R.T.: 0.004 min
Response: 6961486
Conc: 19.04 ng/ml