

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0032223\
 Data File : P0093416.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2023 09:52
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 23 00:58:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0031323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 14 05:32:59 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...	4.427	3.630	146.7E6	52396576	46.834	46.456
2)	SA Decachlor...	10.253	8.656	107.1E6	46636617	49.506	47.630
Target Compounds							
3)	L1 AR-1016-1	5.603	4.715	1166973	60806	12.213	1.699 #
4)	L1 AR-1016-2	5.633	4.715	1575375	60806	11.033	1.172 #
5)	L1 AR-1016-3	5.689	4.952f	761676	11772844	8.395	425.545 #
6)	L1 AR-1016-4	5.786	4.952	521482	11772844	7.697	473.493 #
7)	L1 AR-1016-5	6.084	5.165	16443521	6674762	219.621	210.901
8)	L2 AR-1221-1	4.630	0.000	110051	0	2.723	N.D. #
9)	L2 AR-1221-2	4.735	3.929	2011415	655661	66.373	60.038
10)	L2 AR-1221-3	4.802	0.000	386396	0	4.227	N.D. #
11)	L3 AR-1232-1	4.802	0.000	386396	0	5.292	N.D. #
12)	L3 AR-1232-2	5.334	4.715	405485	60806	11.277	2.468 #
13)	L3 AR-1232-3	5.633	4.952f	1575375	11772844	24.064	930.530 #
14)	L3 AR-1232-4	5.786	4.992	521482	3502962	17.032	273.506 #
15)	L3 AR-1232-5	5.879	5.165	29583303	6674762	1066.118	475.949 #
16)	L4 AR-1242-1	5.603	4.715	1166973	60806	14.238	2.001 #
17)	L4 AR-1242-2	5.633	4.715	1575375	60806	13.126	1.370 #
18)	L4 AR-1242-3	5.689	4.952f	761676	11772844	9.924	503.551 #
19)	L4 AR-1242-4	5.786	4.992	521482	3502962	9.099	134.470 #
20)	L4 AR-1242-5	6.534	5.518	16019612	26613715	256.355	931.621 #
21)	L5 AR-1248-1	5.603	4.715	1166973	60806	18.773	2.613 #
22)	L5 AR-1248-2	5.879	4.952	29583303	11772844	309.741	324.853
23)	L5 AR-1248-3	6.084	4.992	16443521	3502962	158.021	93.346 #
24)	L5 AR-1248-4	6.491	5.165	20851325	6674762	204.764	155.150
25)	L5 AR-1248-5	6.534	5.558	16019612	2770139	156.504	75.322 #
26)	L6 AR-1254-1	6.465	5.518	50189867	26613715	429.486	424.030
27)	L6 AR-1254-2	6.686	5.666	74498512	24628935	436.001	437.057
28)	L6 AR-1254-3	7.055	6.070	74173743	37478406	446.190	435.320
29)	L6 AR-1254-4	7.343	6.300	48682225	20297254	456.687	443.842
30)	L6 AR-1254-5	7.765	6.719	59509570	34620637	439.481	468.784
31)	L7 AR-1260-1	7.221	6.201	34924633	20234760	269.579	332.817
32)	L7 AR-1260-2	7.480	6.390	35478378	16828025	240.328	232.763
33)	L7 AR-1260-3	7.825	6.542	10076039	16674569	89.580	249.363 #
34)	L7 AR-1260-4	8.054	7.017	22615224	1727357	176.354	31.388 #
35)	L7 AR-1260-5	8.396	7.260	8999619	4406785	40.278	37.431
36)	L8 AR-1262-1	7.765	6.719	59509570	34620637	598.666	926.464 #
37)	L8 AR-1262-2	8.396	7.260	8999619	4406785	37.921	37.006
38)	L8 AR-1262-3	8.729	7.607	6900837	4027774	40.862	44.562
39)	L8 AR-1262-4	8.837	7.607	54068	4027774	0.604	44.562 #
40)	L8 AR-1262-5	9.477	0.000	894350	0	9.364	N.D. #
41)	L9 AR-1268-1	8.729	7.607f	6900837	4027774	21.611	25.737

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 Acq On : 22 Mar 2023 09:52
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

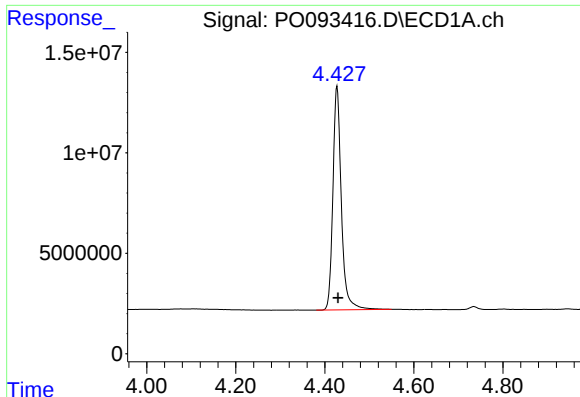
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 23 00:58:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031323.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	8.837	7.607	54068	4027774	0.186	28.849 #
43) L9	AR-1268-3	9.053	0.000	164439	0	0.644	N.D. #
44) L9	AR-1268-4	9.477	0.000	894350	0	8.375	N.D. #
45) L9	AR-1268-5	9.897	0.000	355633	0	0.443	N.D. #

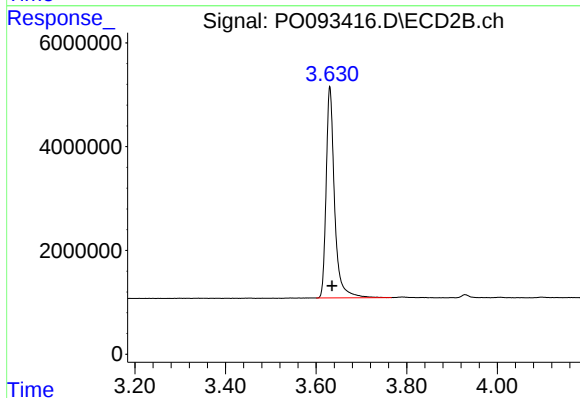
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

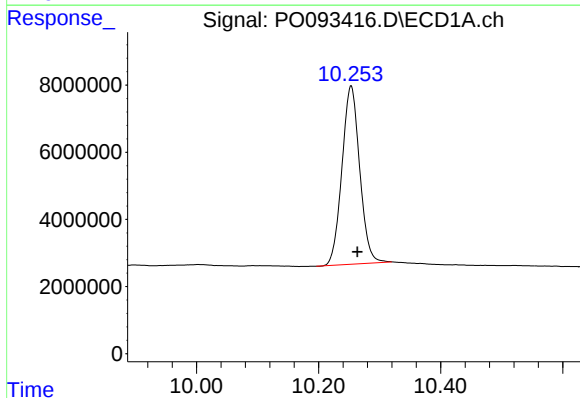
R.T.: 4.427 min
Delta R.T.: -0.003 min
Response: 146661514
Conc: 46.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



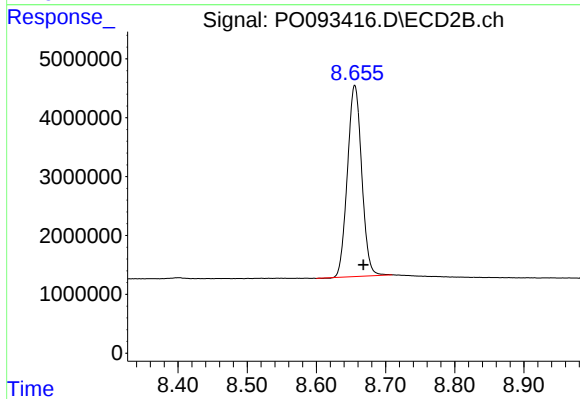
#1 Tetrachloro-m-xylene

R.T.: 3.630 min
Delta R.T.: -0.005 min
Response: 52396576
Conc: 46.46 ng/ml



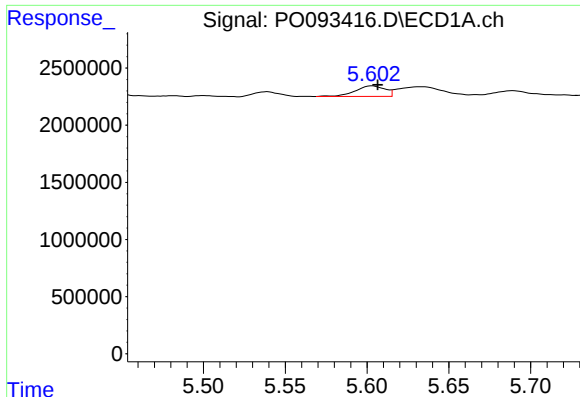
#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.010 min
Response: 107145154
Conc: 49.51 ng/ml



#2 Decachlorobiphenyl

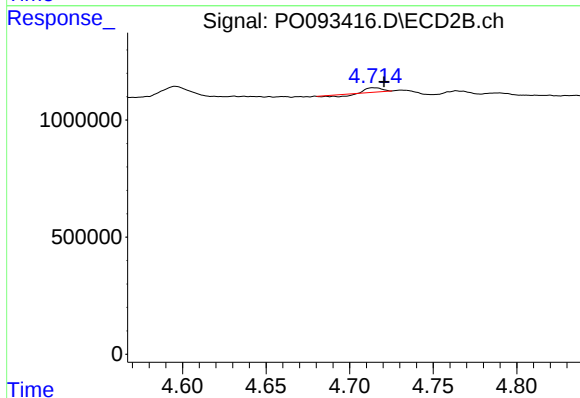
R.T.: 8.656 min
Delta R.T.: -0.012 min
Response: 46636617
Conc: 47.63 ng/ml



#3 AR-1016-1

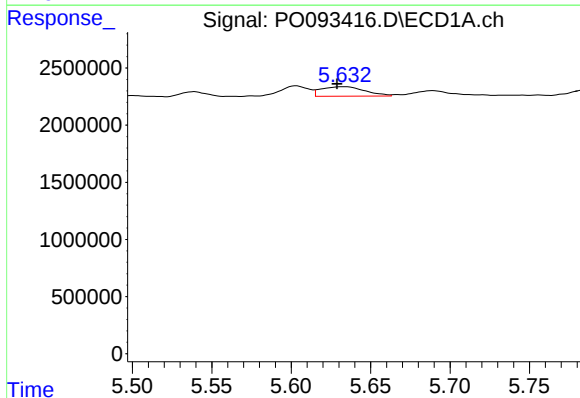
R.T.: 5.603 min
Delta R.T.: -0.003 min
Response: 1166973
Conc: 12.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



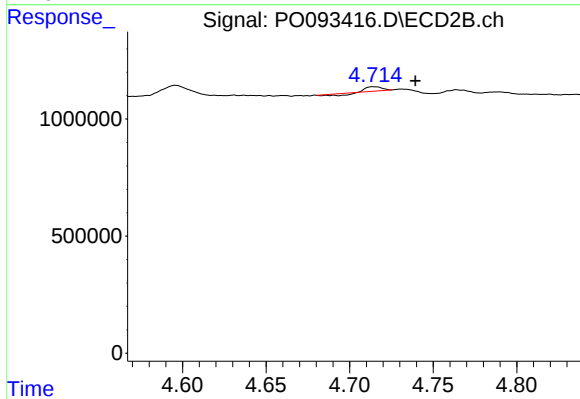
#3 AR-1016-1

R.T.: 4.715 min
Delta R.T.: -0.006 min
Response: 60806
Conc: 1.70 ng/ml



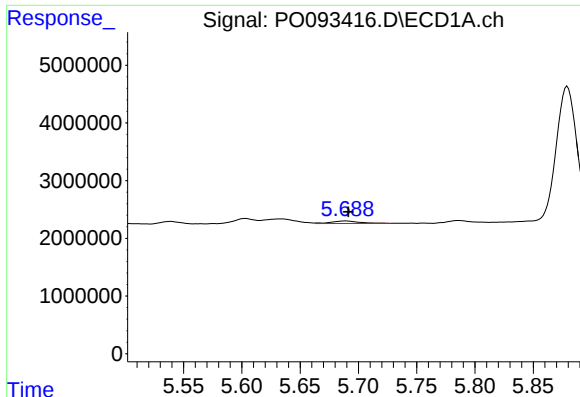
#4 AR-1016-2

R.T.: 5.633 min
Delta R.T.: 0.004 min
Response: 1575375
Conc: 11.03 ng/ml



#4 AR-1016-2

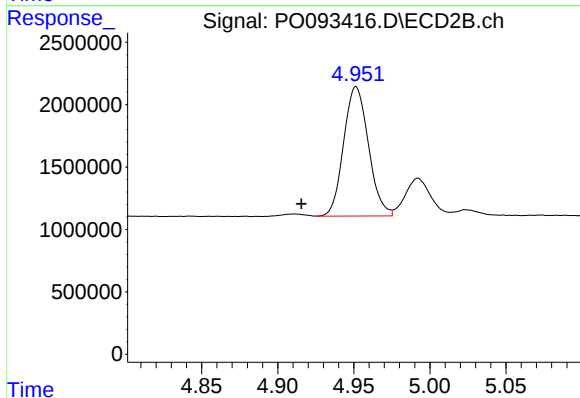
R.T.: 4.715 min
Delta R.T.: -0.025 min
Response: 60806
Conc: 1.17 ng/ml



#5 AR-1016-3

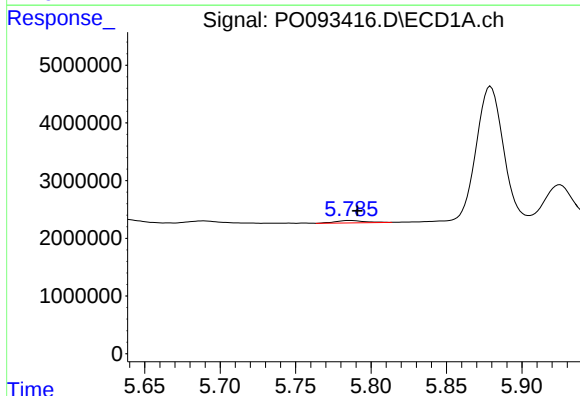
R.T.: 5.689 min
Delta R.T.: -0.003 min
Response: 761676
Conc: 8.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



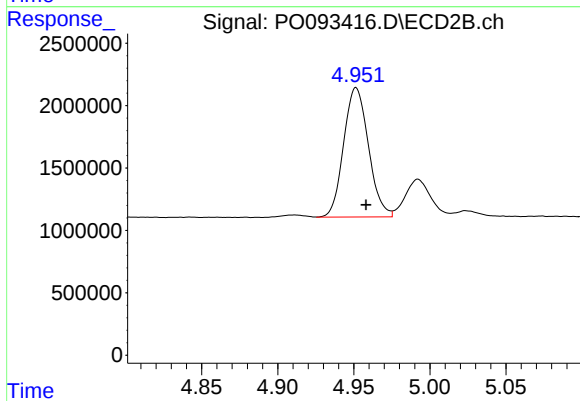
#5 AR-1016-3

R.T.: 4.952 min
Delta R.T.: 0.036 min
Response: 11772844
Conc: 425.54 ng/ml



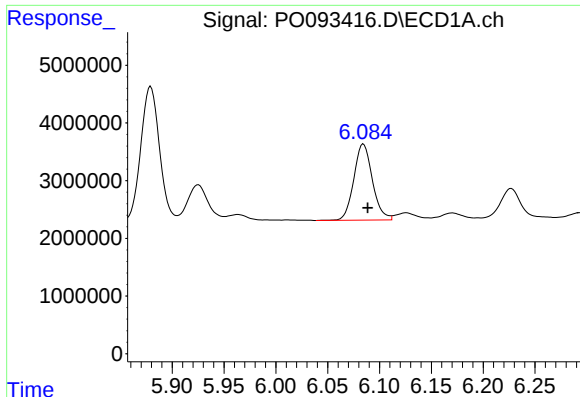
#6 AR-1016-4

R.T.: 5.786 min
Delta R.T.: -0.005 min
Response: 521482
Conc: 7.70 ng/ml



#6 AR-1016-4

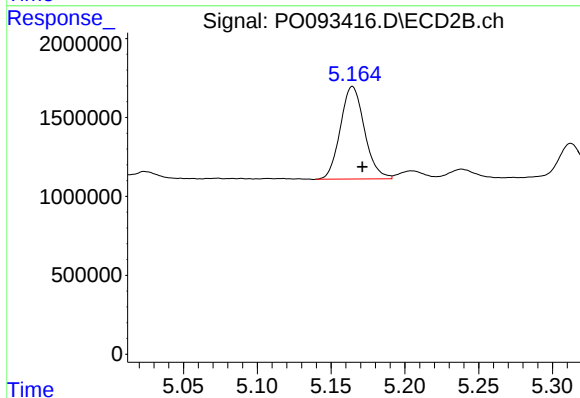
R.T.: 4.952 min
Delta R.T.: -0.006 min
Response: 11772844
Conc: 473.49 ng/ml



#7 AR-1016-5

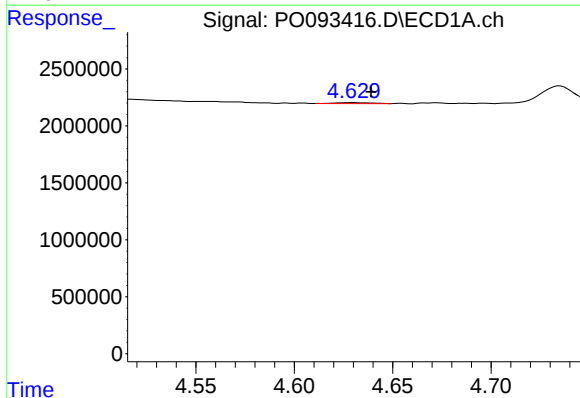
R.T.: 6.084 min
Delta R.T.: -0.004 min
Response: 16443521
Conc: 219.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



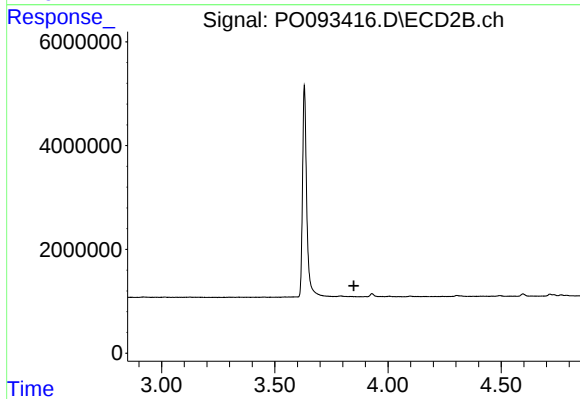
#7 AR-1016-5

R.T.: 5.165 min
Delta R.T.: -0.007 min
Response: 6674762
Conc: 210.90 ng/ml



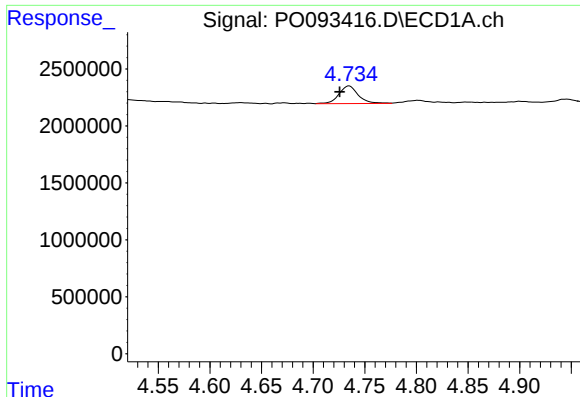
#8 AR-1221-1

R.T.: 4.630 min
Delta R.T.: -0.009 min
Response: 110051
Conc: 2.72 ng/ml



#8 AR-1221-1

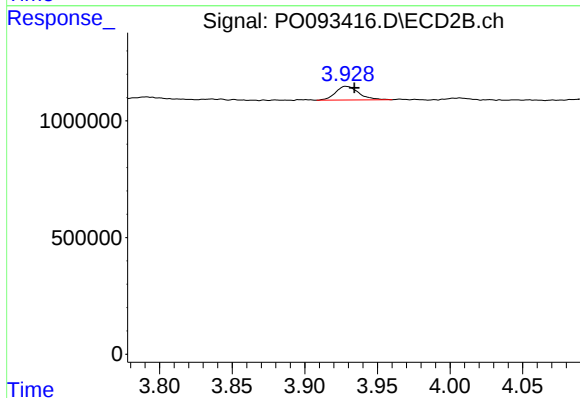
R.T.: 0.000 min
Exp R.T. : 3.849 min
Response: 0
Conc: N.D.



#9 AR-1221-2

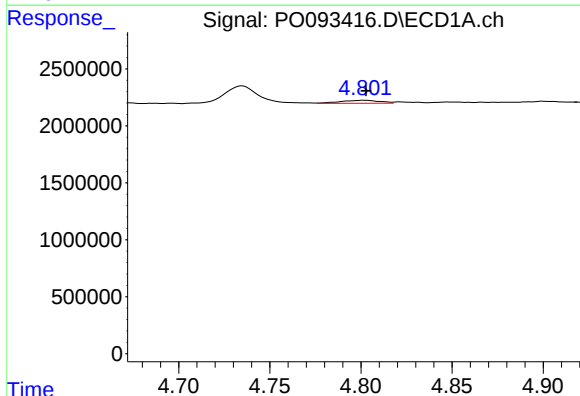
R.T.: 4.735 min
Delta R.T.: 0.009 min
Response: 2011415
Conc: 66.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



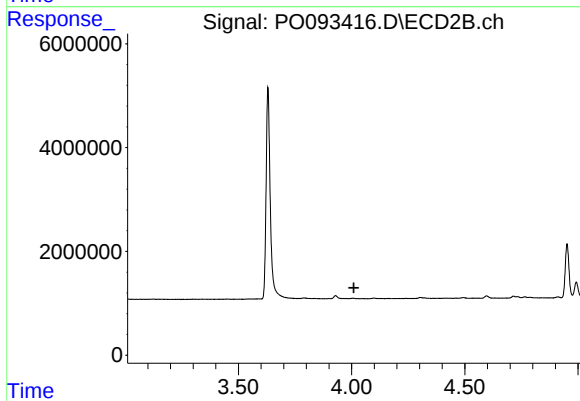
#9 AR-1221-2

R.T.: 3.929 min
Delta R.T.: -0.005 min
Response: 655661
Conc: 60.04 ng/ml



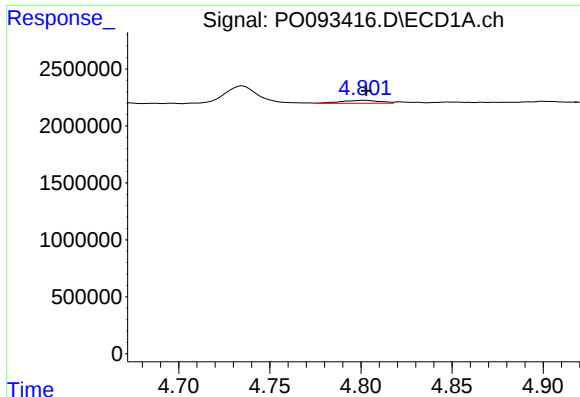
#10 AR-1221-3

R.T.: 4.802 min
Delta R.T.: 0.000 min
Response: 386396
Conc: 4.23 ng/ml



#10 AR-1221-3

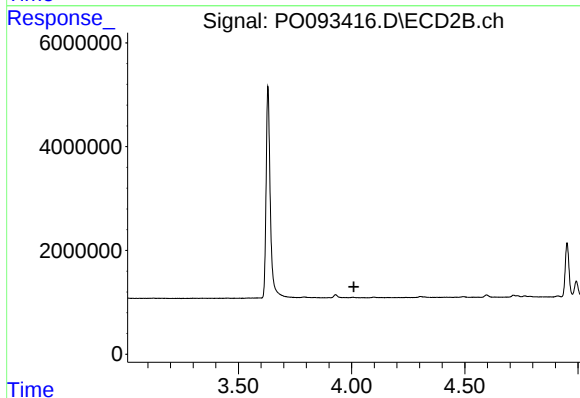
R.T.: 0.000 min
Exp R.T. : 4.010 min
Response: 0
Conc: N.D.



#11 AR-1232-1

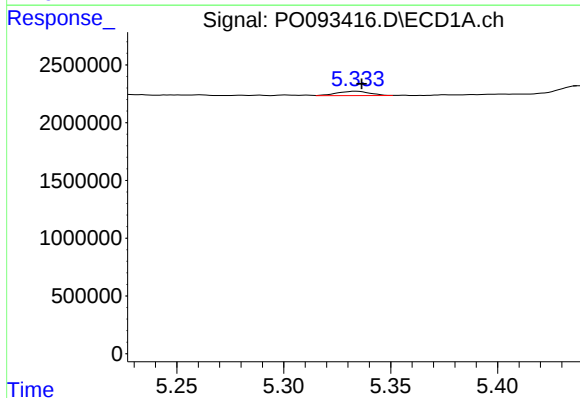
R.T.: 4.802 min
Delta R.T.: 0.000 min
Response: 386396
Conc: 5.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



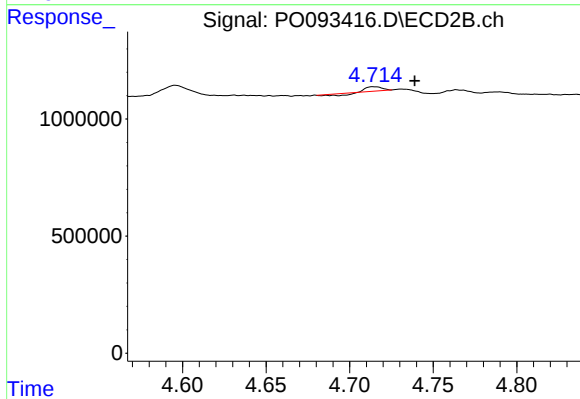
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.010 min
Response: 0
Conc: N.D.



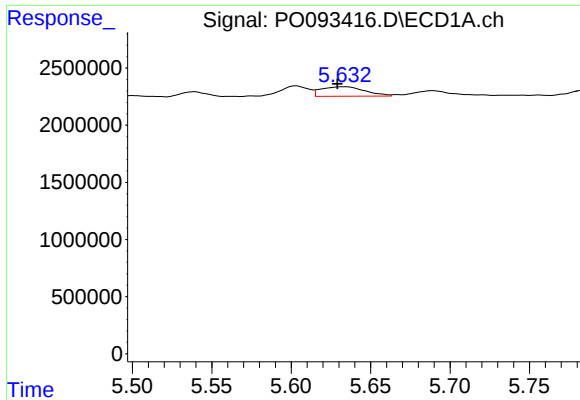
#12 AR-1232-2

R.T.: 5.334 min
Delta R.T.: -0.002 min
Response: 405485
Conc: 11.28 ng/ml



#12 AR-1232-2

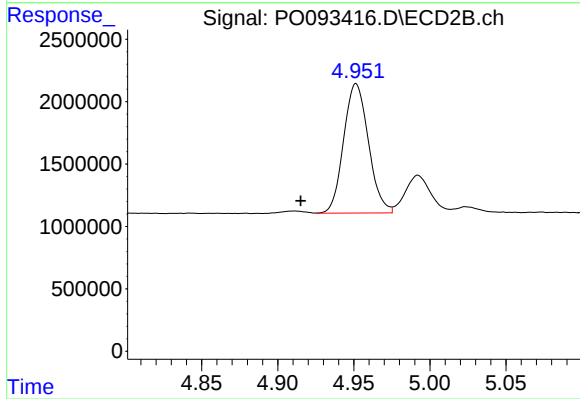
R.T.: 4.715 min
Delta R.T.: -0.024 min
Response: 60806
Conc: 2.47 ng/ml



#13 AR-1232-3

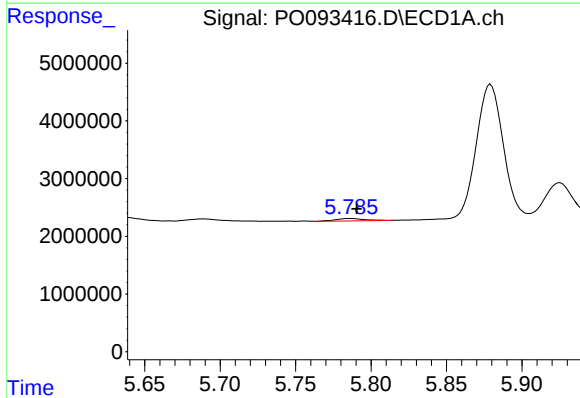
R.T.: 5.633 min
Delta R.T.: 0.004 min
Response: 1575375
Conc: 24.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



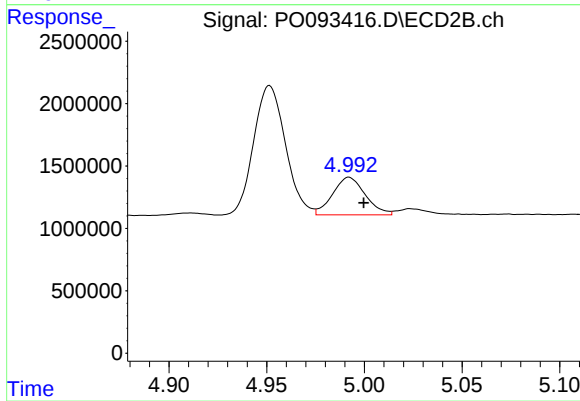
#13 AR-1232-3

R.T.: 4.952 min
Delta R.T.: 0.036 min
Response: 11772844
Conc: 930.53 ng/ml



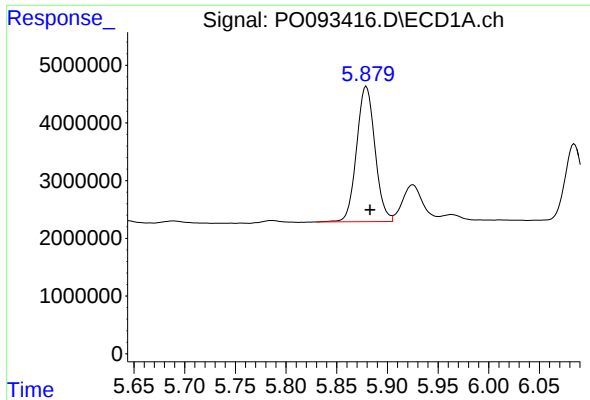
#14 AR-1232-4

R.T.: 5.786 min
Delta R.T.: -0.005 min
Response: 521482
Conc: 17.03 ng/ml



#14 AR-1232-4

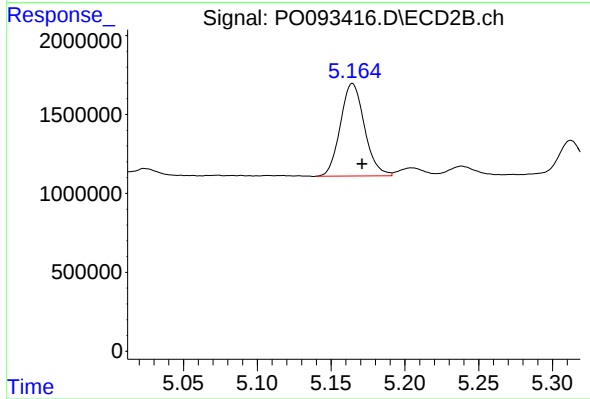
R.T.: 4.992 min
Delta R.T.: -0.008 min
Response: 3502962
Conc: 273.51 ng/ml



#15 AR-1232-5

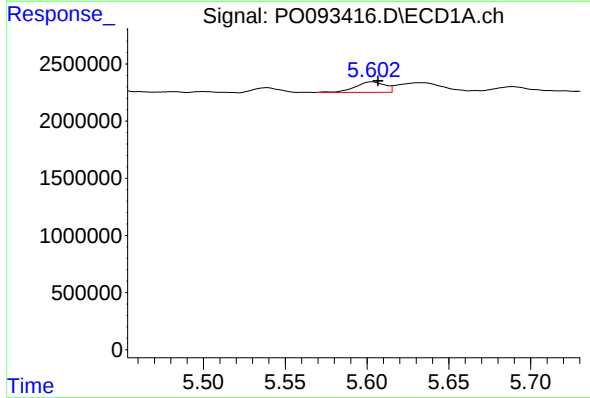
R.T.: 5.879 min
Delta R.T.: -0.004 min
Response: 29583303
Conc: 1066.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



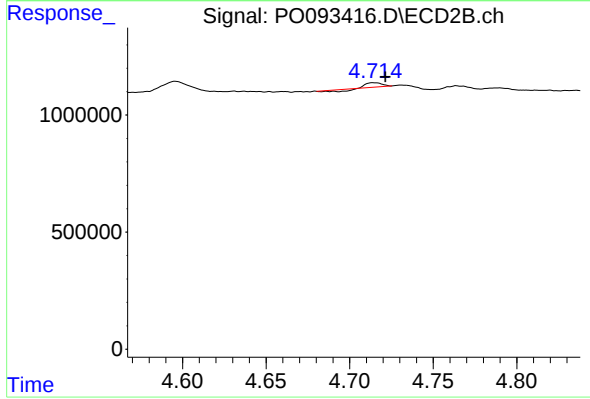
#15 AR-1232-5

R.T.: 5.165 min
Delta R.T.: -0.007 min
Response: 6674762
Conc: 475.95 ng/ml



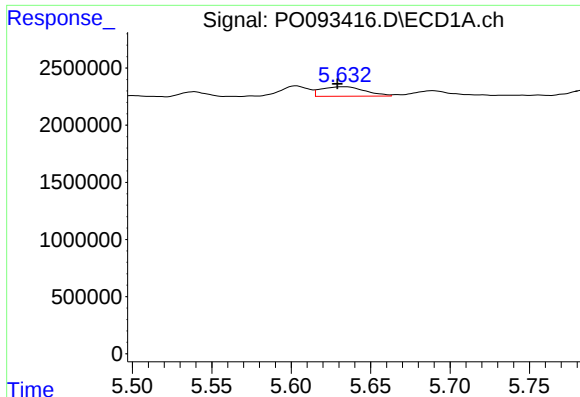
#16 AR-1242-1

R.T.: 5.603 min
Delta R.T.: -0.004 min
Response: 1166973
Conc: 14.24 ng/ml



#16 AR-1242-1

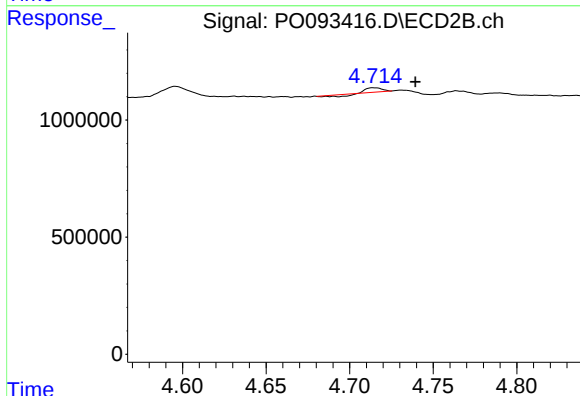
R.T.: 4.715 min
Delta R.T.: -0.007 min
Response: 60806
Conc: 2.00 ng/ml



#17 AR-1242-2

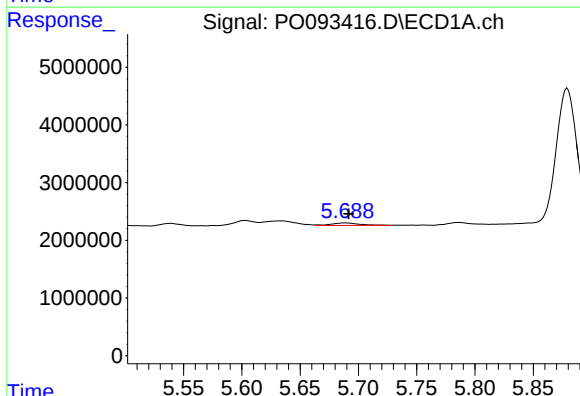
R.T.: 5.633 min
Delta R.T.: 0.004 min
Response: 1575375
Conc: 13.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



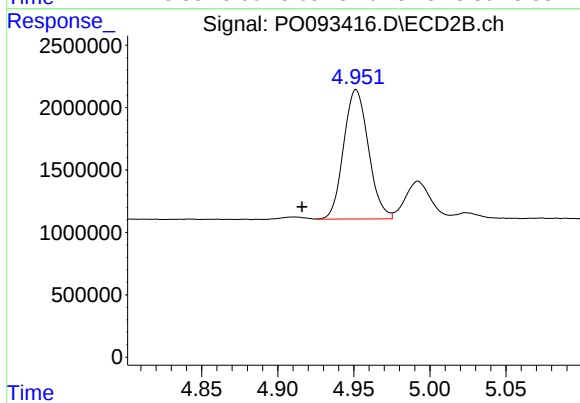
#17 AR-1242-2

R.T.: 4.715 min
Delta R.T.: -0.025 min
Response: 60806
Conc: 1.37 ng/ml



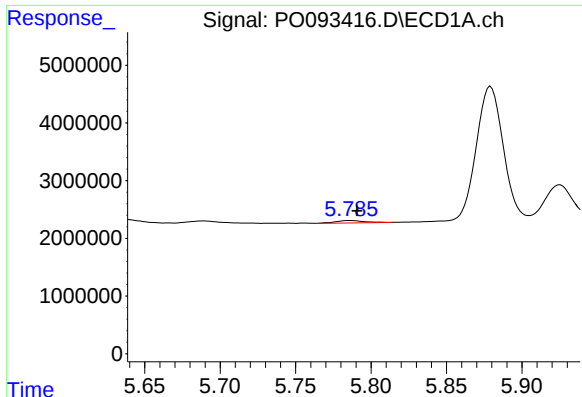
#18 AR-1242-3

R.T.: 5.689 min
Delta R.T.: -0.003 min
Response: 761676
Conc: 9.92 ng/ml



#18 AR-1242-3

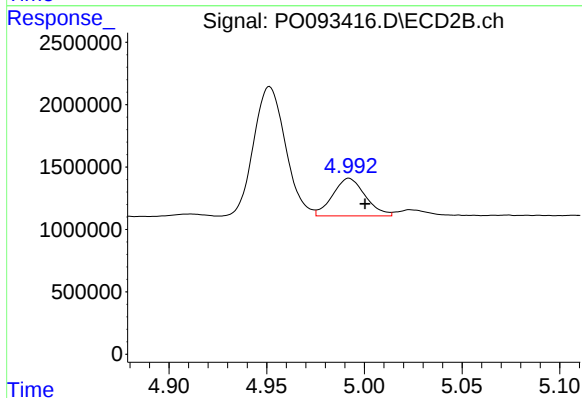
R.T.: 4.952 min
Delta R.T.: 0.035 min
Response: 11772844
Conc: 503.55 ng/ml



#19 AR-1242-4

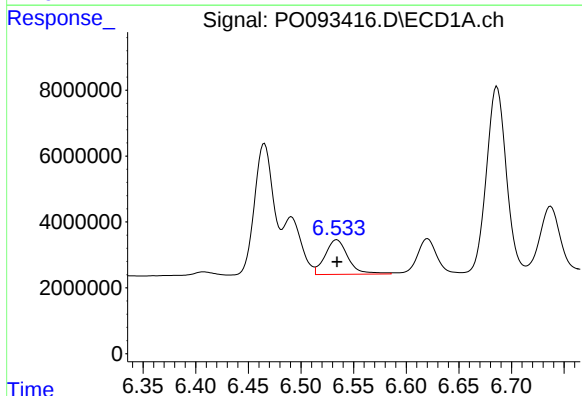
R.T.: 5.786 min
Delta R.T.: -0.005 min
Response: 521482
Conc: 9.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



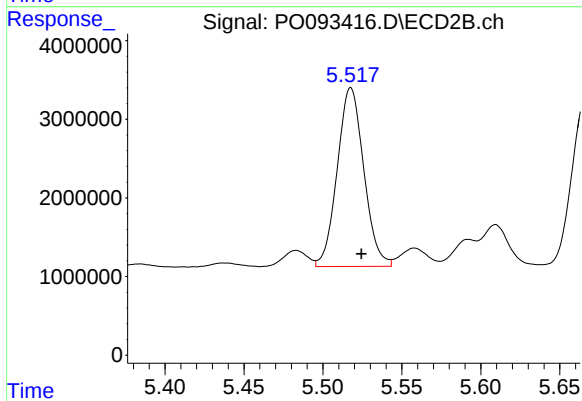
#19 AR-1242-4

R.T.: 4.992 min
Delta R.T.: -0.008 min
Response: 3502962
Conc: 134.47 ng/ml



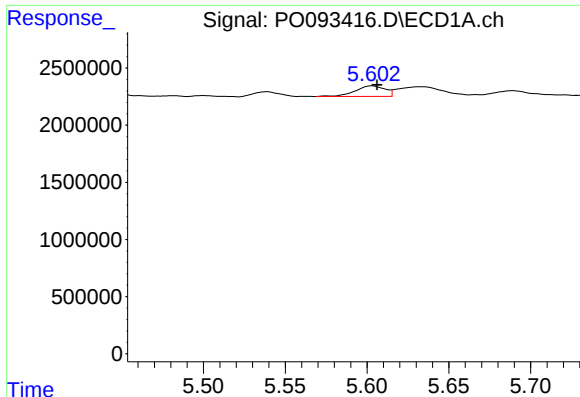
#20 AR-1242-5

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 16019612
Conc: 256.35 ng/ml



#20 AR-1242-5

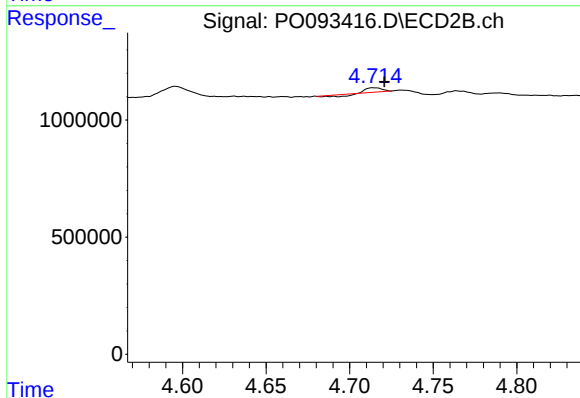
R.T.: 5.518 min
Delta R.T.: -0.007 min
Response: 26613715
Conc: 931.62 ng/ml



#21 AR-1248-1

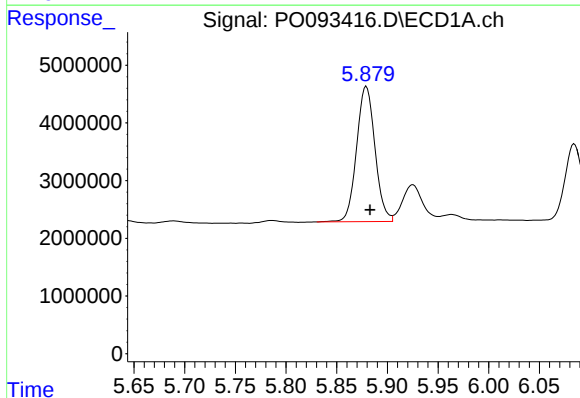
R.T.: 5.603 min
Delta R.T.: -0.003 min
Response: 1166973
Conc: 18.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



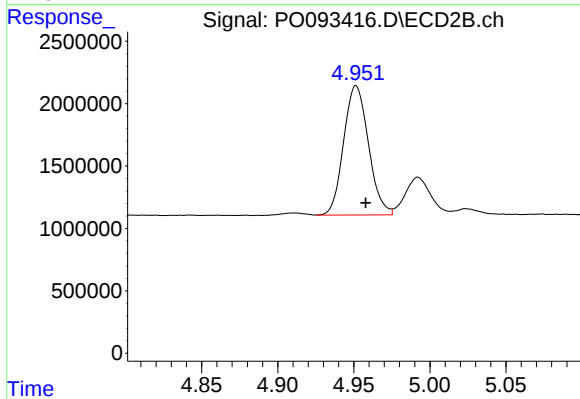
#21 AR-1248-1

R.T.: 4.715 min
Delta R.T.: -0.006 min
Response: 60806
Conc: 2.61 ng/ml



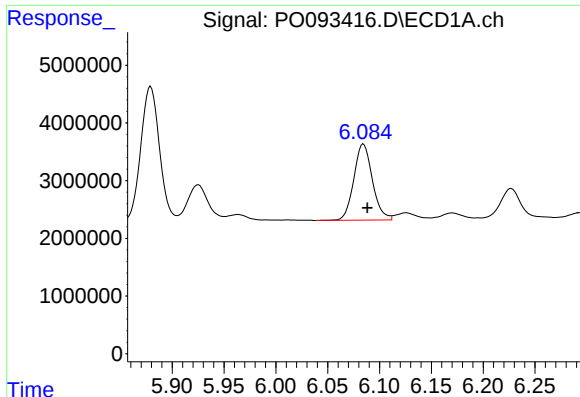
#22 AR-1248-2

R.T.: 5.879 min
Delta R.T.: -0.004 min
Response: 29583303
Conc: 309.74 ng/ml



#22 AR-1248-2

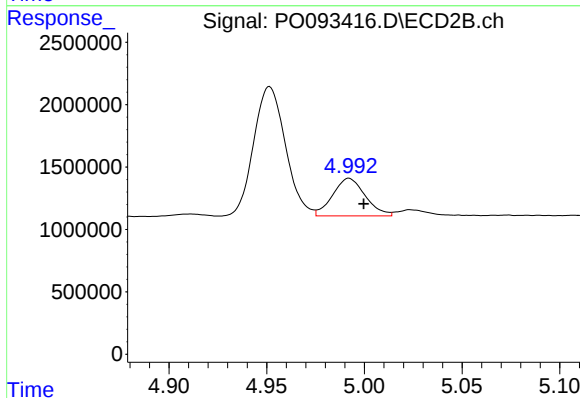
R.T.: 4.952 min
Delta R.T.: -0.006 min
Response: 11772844
Conc: 324.85 ng/ml



#23 AR-1248-3

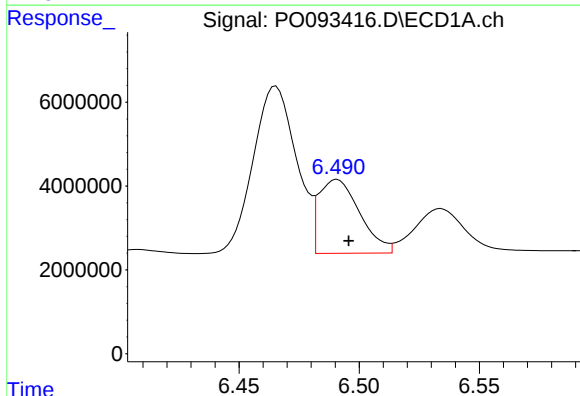
R.T.: 6.084 min
Delta R.T.: -0.004 min
Response: 16443521
Conc: 158.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



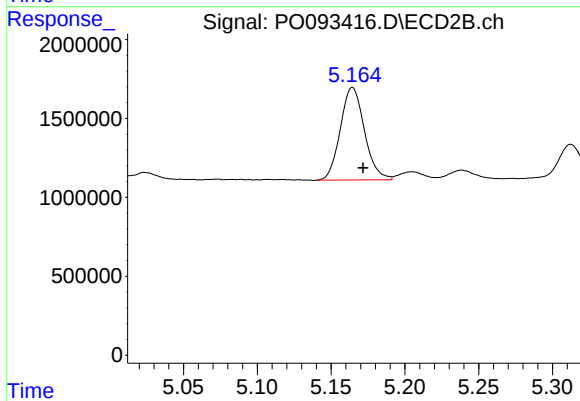
#23 AR-1248-3

R.T.: 4.992 min
Delta R.T.: -0.007 min
Response: 3502962
Conc: 93.35 ng/ml



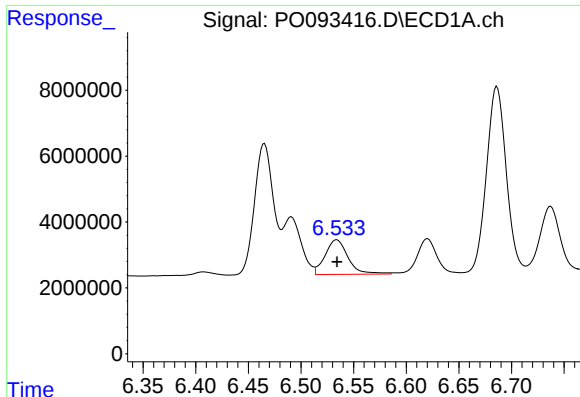
#24 AR-1248-4

R.T.: 6.491 min
Delta R.T.: -0.005 min
Response: 20851325
Conc: 204.76 ng/ml



#24 AR-1248-4

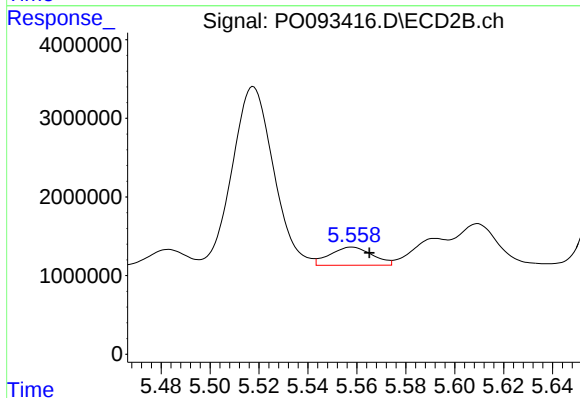
R.T.: 5.165 min
Delta R.T.: -0.007 min
Response: 6674762
Conc: 155.15 ng/ml



#25 AR-1248-5

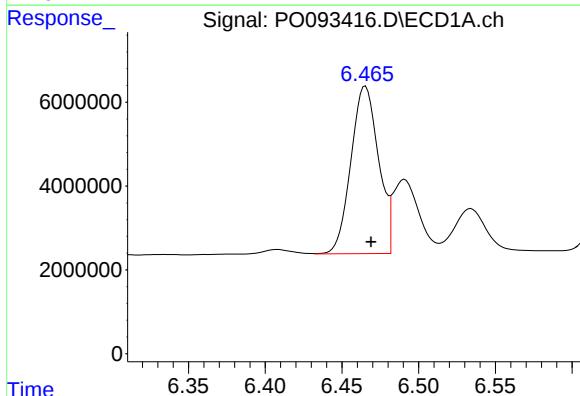
R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 16019612
Conc: 156.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



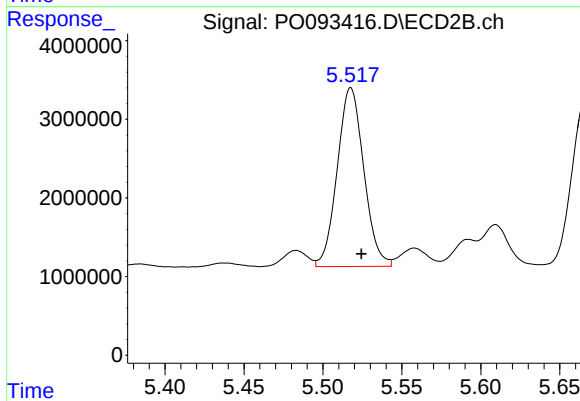
#25 AR-1248-5

R.T.: 5.558 min
Delta R.T.: -0.007 min
Response: 2770139
Conc: 75.32 ng/ml



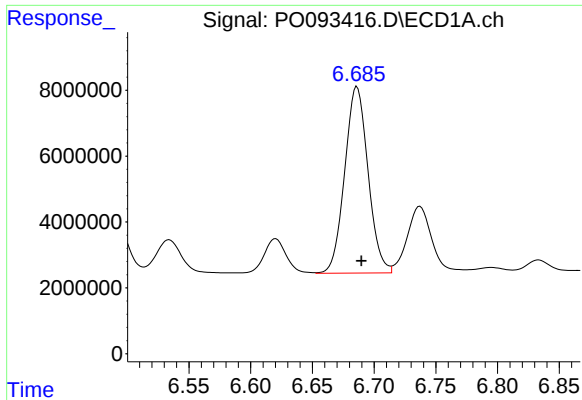
#26 AR-1254-1

R.T.: 6.465 min
Delta R.T.: -0.004 min
Response: 50189867
Conc: 429.49 ng/ml



#26 AR-1254-1

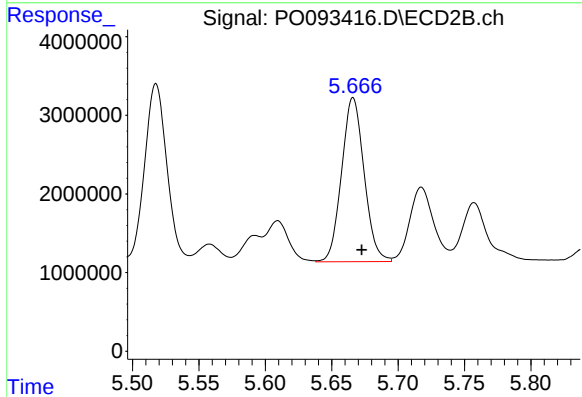
R.T.: 5.518 min
Delta R.T.: -0.007 min
Response: 26613715
Conc: 424.03 ng/ml



#27 AR-1254-2

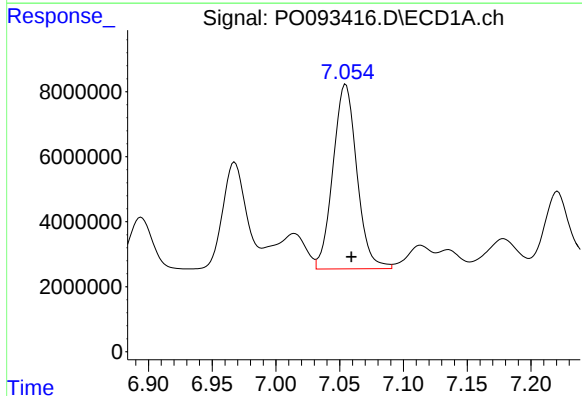
R.T.: 6.686 min
Delta R.T.: -0.004 min
Response: 74498512
Conc: 436.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



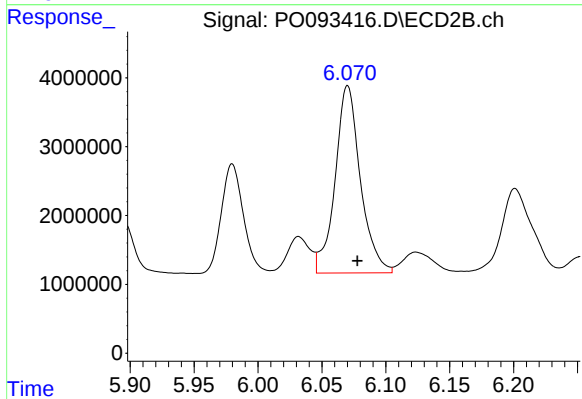
#27 AR-1254-2

R.T.: 5.666 min
Delta R.T.: -0.007 min
Response: 24628935
Conc: 437.06 ng/ml



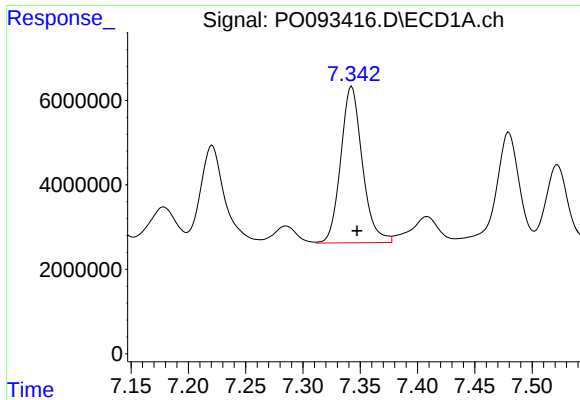
#28 AR-1254-3

R.T.: 7.055 min
Delta R.T.: -0.004 min
Response: 74173743
Conc: 446.19 ng/ml



#28 AR-1254-3

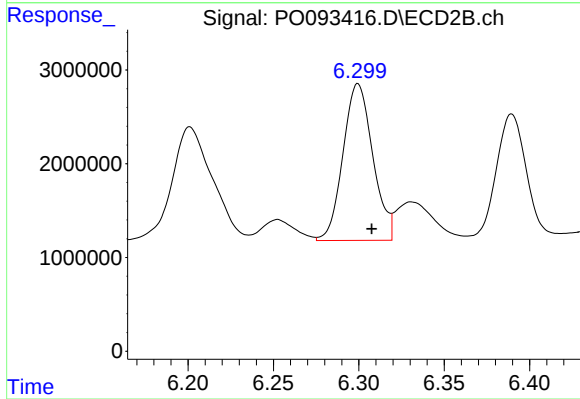
R.T.: 6.070 min
Delta R.T.: -0.008 min
Response: 37478406
Conc: 435.32 ng/ml



#29 AR-1254-4

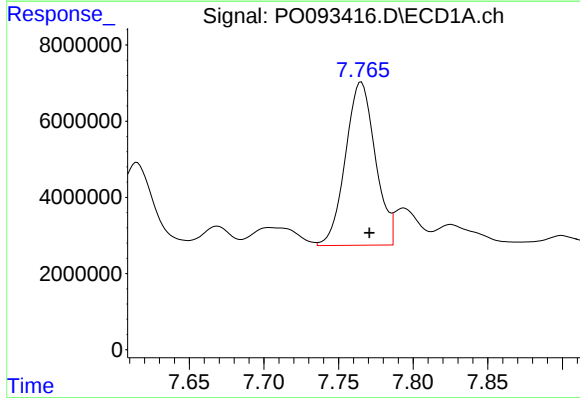
R.T.: 7.343 min
Delta R.T.: -0.005 min
Response: 48682225
Conc: 456.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



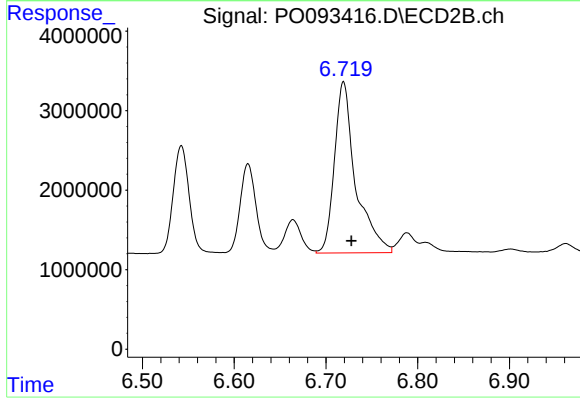
#29 AR-1254-4

R.T.: 6.300 min
Delta R.T.: -0.008 min
Response: 20297254
Conc: 443.84 ng/ml



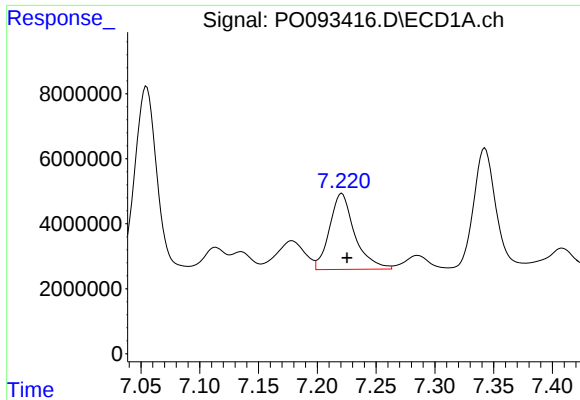
#30 AR-1254-5

R.T.: 7.765 min
Delta R.T.: -0.006 min
Response: 59509570
Conc: 439.48 ng/ml



#30 AR-1254-5

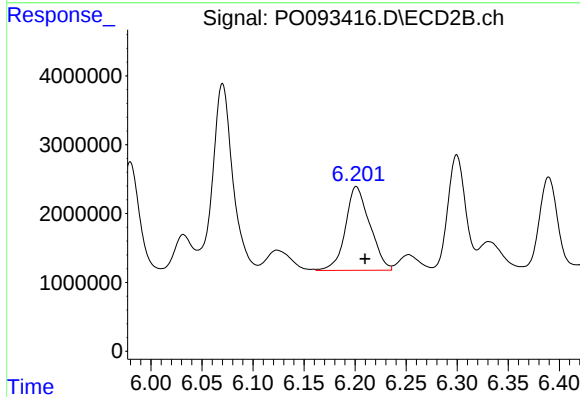
R.T.: 6.719 min
Delta R.T.: -0.009 min
Response: 34620637
Conc: 468.78 ng/ml



#31 AR-1260-1

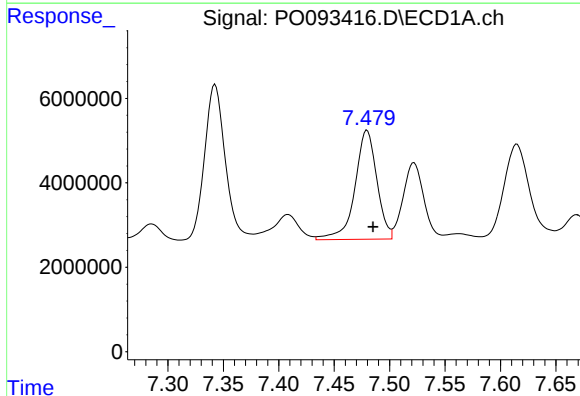
R.T.: 7.221 min
Delta R.T.: -0.005 min
Response: 34924633
Conc: 269.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



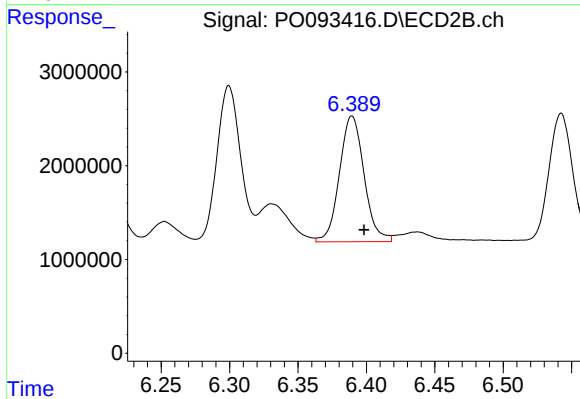
#31 AR-1260-1

R.T.: 6.201 min
Delta R.T.: -0.008 min
Response: 20234760
Conc: 332.82 ng/ml



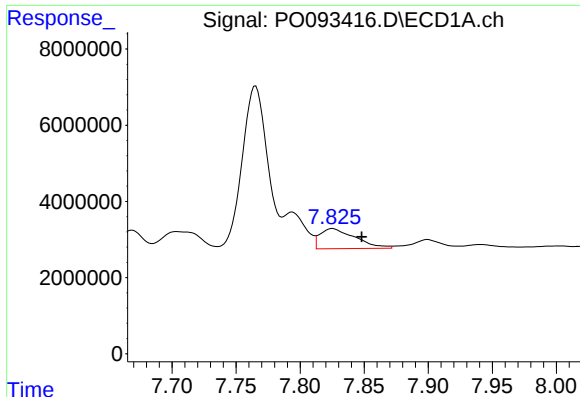
#32 AR-1260-2

R.T.: 7.480 min
Delta R.T.: -0.005 min
Response: 35478378
Conc: 240.33 ng/ml



#32 AR-1260-2

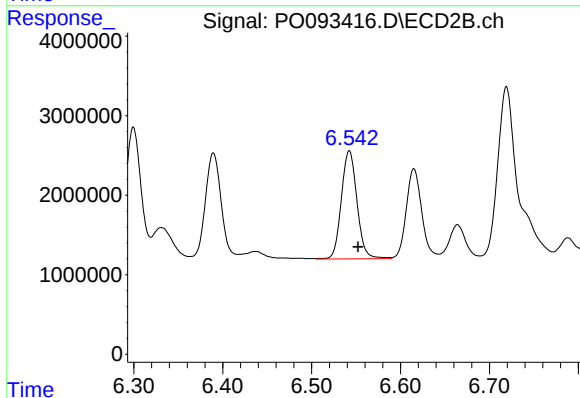
R.T.: 6.390 min
Delta R.T.: -0.009 min
Response: 16828025
Conc: 232.76 ng/ml



#33 AR-1260-3

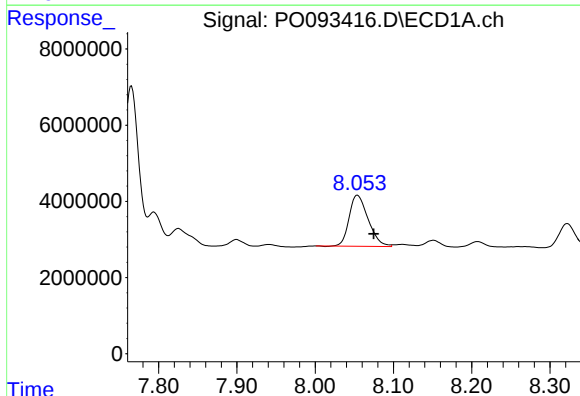
R.T.: 7.825 min
Delta R.T.: -0.023 min
Response: 10076039
Conc: 89.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



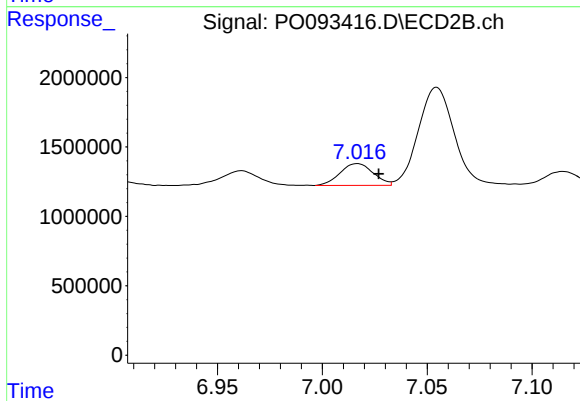
#33 AR-1260-3

R.T.: 6.542 min
Delta R.T.: -0.010 min
Response: 16674569
Conc: 249.36 ng/ml



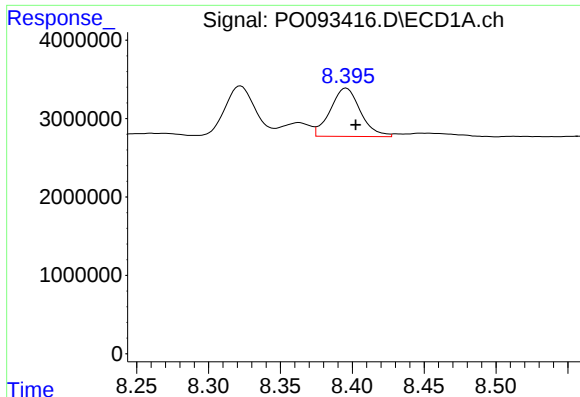
#34 AR-1260-4

R.T.: 8.054 min
Delta R.T.: -0.021 min
Response: 22615224
Conc: 176.35 ng/ml



#34 AR-1260-4

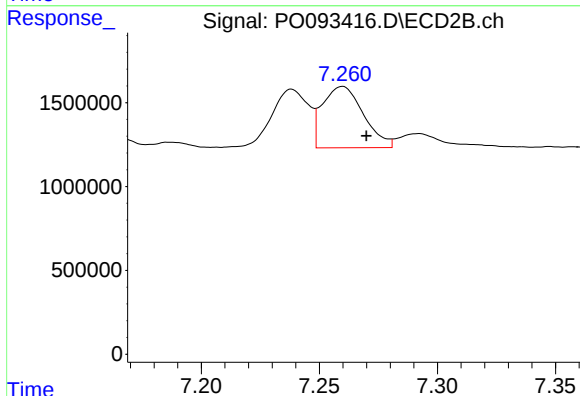
R.T.: 7.017 min
Delta R.T.: -0.010 min
Response: 1727357
Conc: 31.39 ng/ml



#35 AR-1260-5

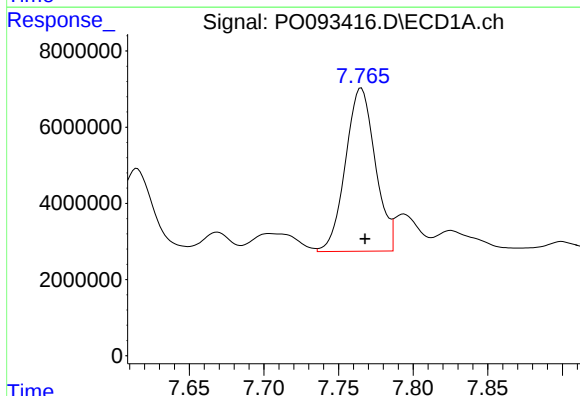
R.T.: 8.396 min
Delta R.T.: -0.006 min
Response: 8999619
Conc: 40.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



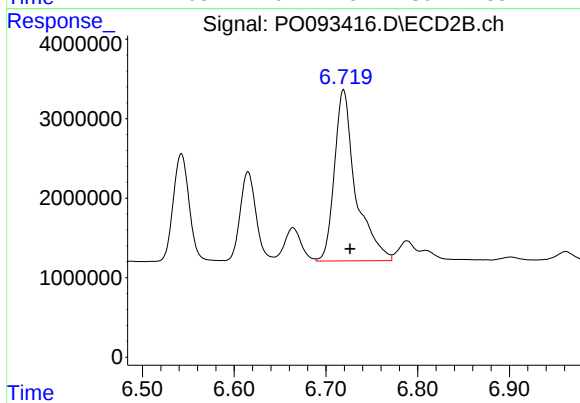
#35 AR-1260-5

R.T.: 7.260 min
Delta R.T.: -0.010 min
Response: 4406785
Conc: 37.43 ng/ml



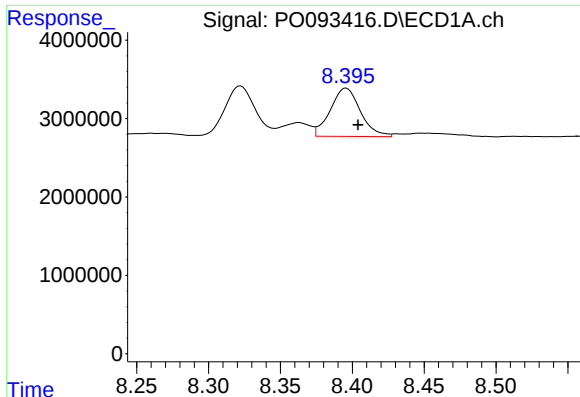
#36 AR-1262-1

R.T.: 7.765 min
Delta R.T.: -0.002 min
Response: 59509570
Conc: 598.67 ng/ml



#36 AR-1262-1

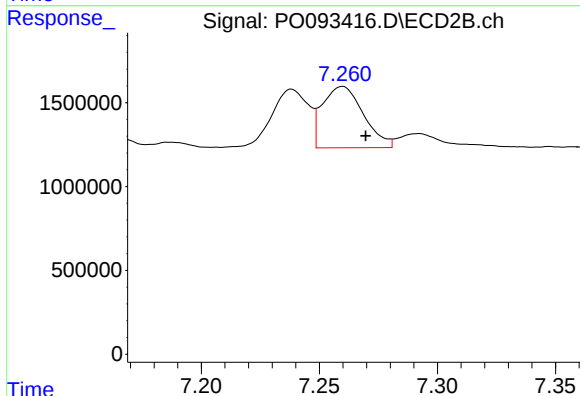
R.T.: 6.719 min
Delta R.T.: -0.007 min
Response: 34620637
Conc: 926.46 ng/ml



#37 AR-1262-2

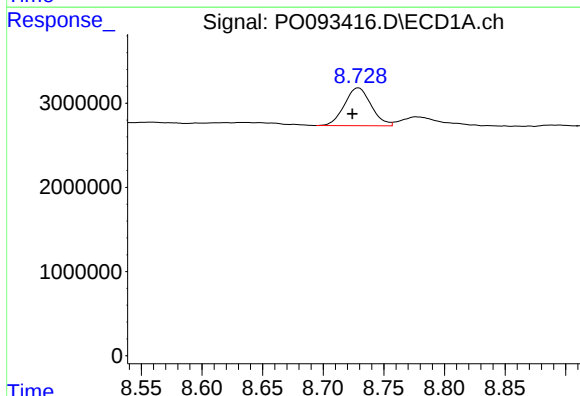
R.T.: 8.396 min
Delta R.T.: -0.008 min
Response: 8999619
Conc: 37.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



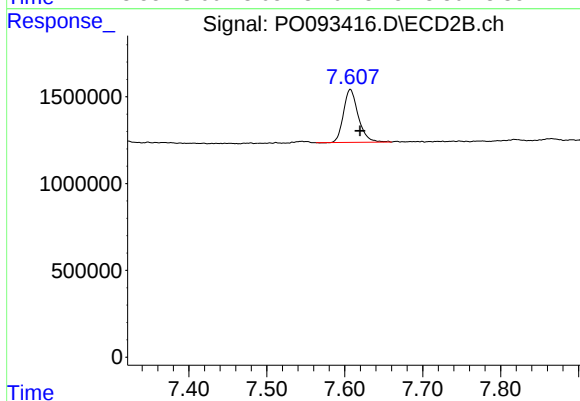
#37 AR-1262-2

R.T.: 7.260 min
Delta R.T.: -0.010 min
Response: 4406785
Conc: 37.01 ng/ml



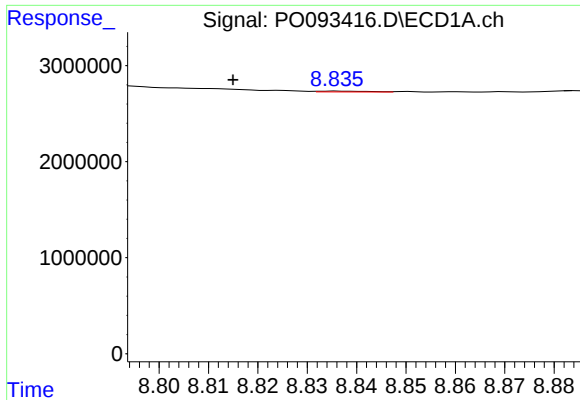
#38 AR-1262-3

R.T.: 8.729 min
Delta R.T.: 0.005 min
Response: 6900837
Conc: 40.86 ng/ml



#38 AR-1262-3

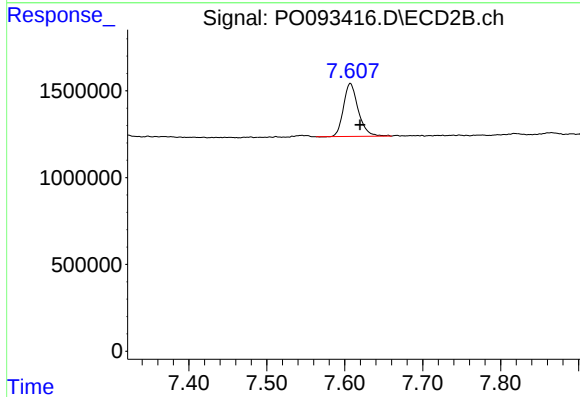
R.T.: 7.607 min
Delta R.T.: -0.012 min
Response: 4027774
Conc: 44.56 ng/ml



#39 AR-1262-4

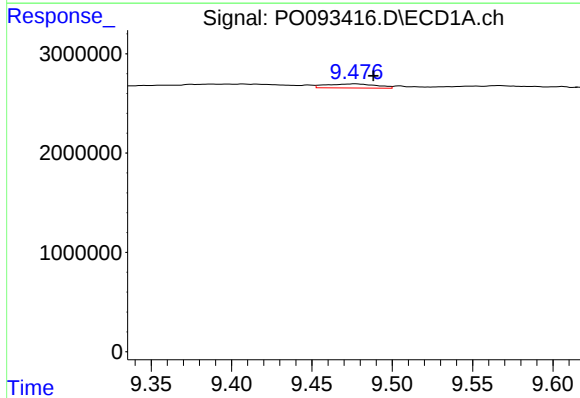
R.T.: 8.837 min
Delta R.T.: 0.022 min
Response: 54068
Conc: 0.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



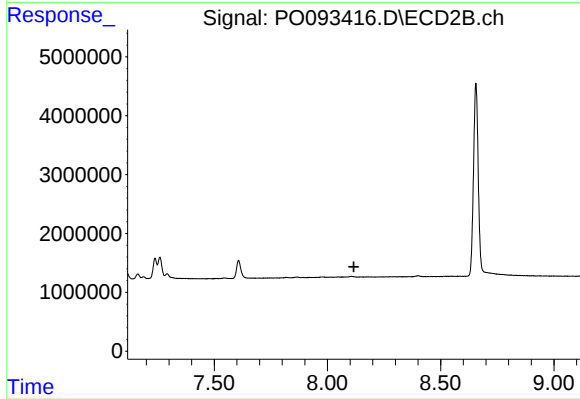
#39 AR-1262-4

R.T.: 7.607 min
Delta R.T.: -0.012 min
Response: 4027774
Conc: 44.56 ng/ml



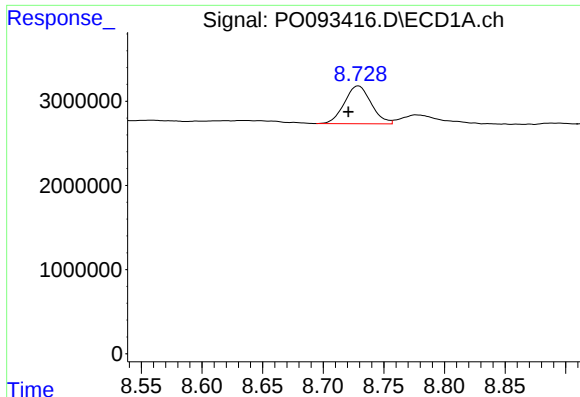
#40 AR-1262-5

R.T.: 9.477 min
Delta R.T.: -0.011 min
Response: 894350
Conc: 9.36 ng/ml



#40 AR-1262-5

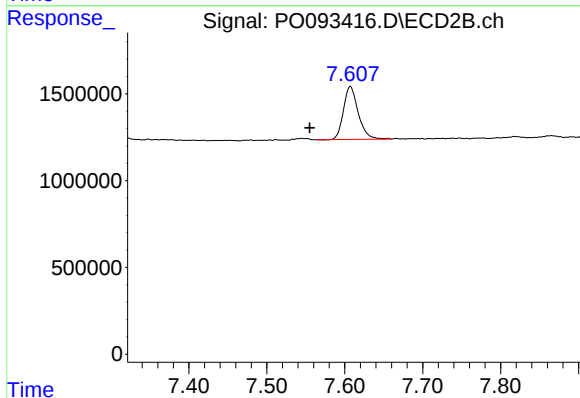
R.T.: 0.000 min
Exp R.T. : 8.117 min
Response: 0
Conc: N.D.



#41 AR-1268-1

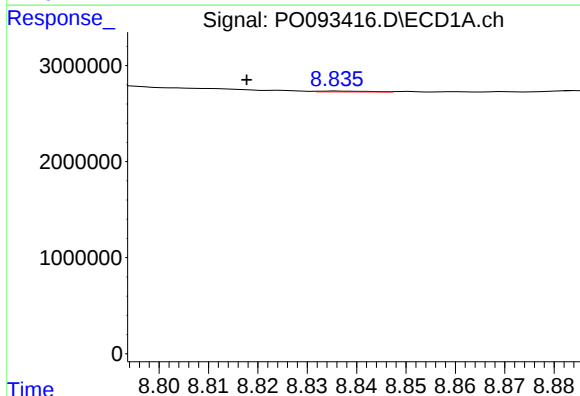
R.T.: 8.729 min
Delta R.T.: 0.008 min
Response: 6900837
Conc: 21.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



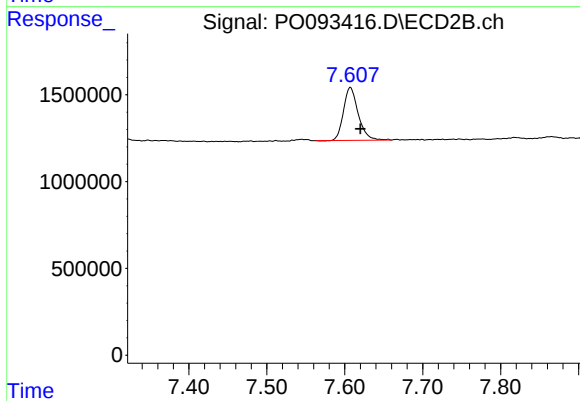
#41 AR-1268-1

R.T.: 7.607 min
Delta R.T.: 0.052 min
Response: 4027774
Conc: 25.74 ng/ml



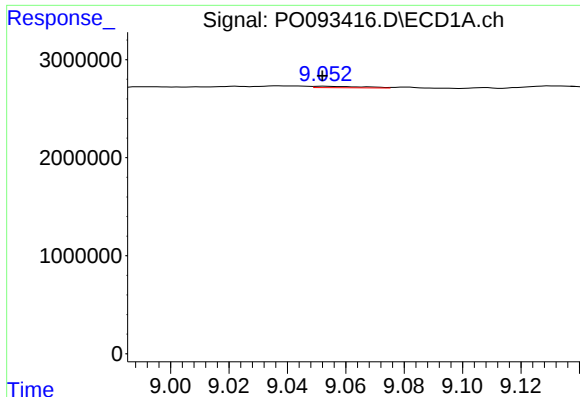
#42 AR-1268-2

R.T.: 8.837 min
Delta R.T.: 0.019 min
Response: 54068
Conc: 0.19 ng/ml



#42 AR-1268-2

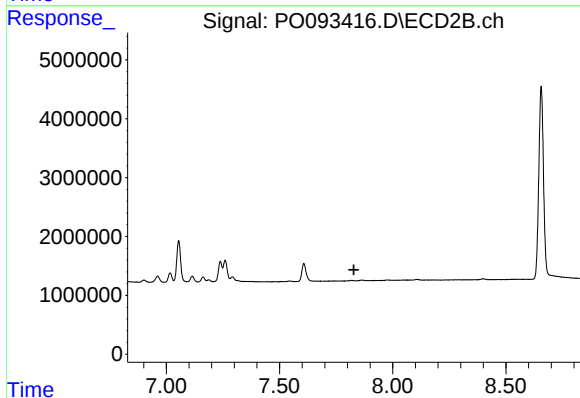
R.T.: 7.607 min
Delta R.T.: -0.013 min
Response: 4027774
Conc: 28.85 ng/ml



#43 AR-1268-3

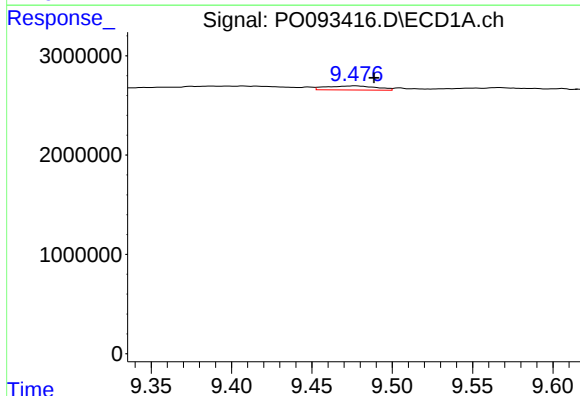
R.T.: 9.053 min
Delta R.T.: 0.000 min
Response: 164439
Conc: 0.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



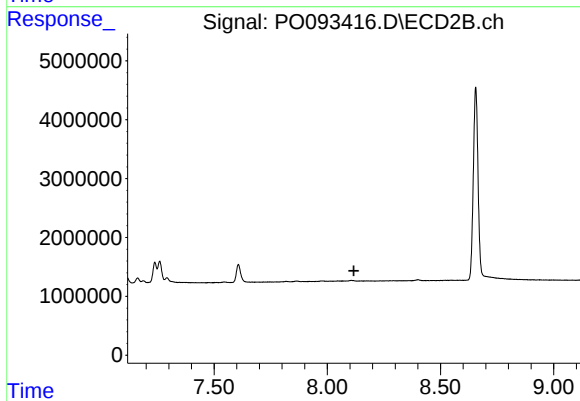
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.828 min
Response: 0
Conc: N.D.



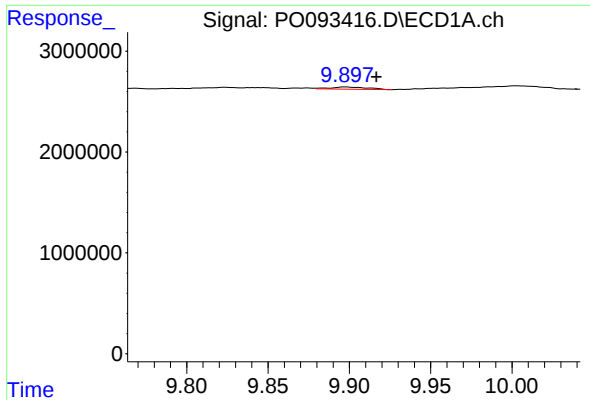
#44 AR-1268-4

R.T.: 9.477 min
Delta R.T.: -0.011 min
Response: 894350
Conc: 8.37 ng/ml



#44 AR-1268-4

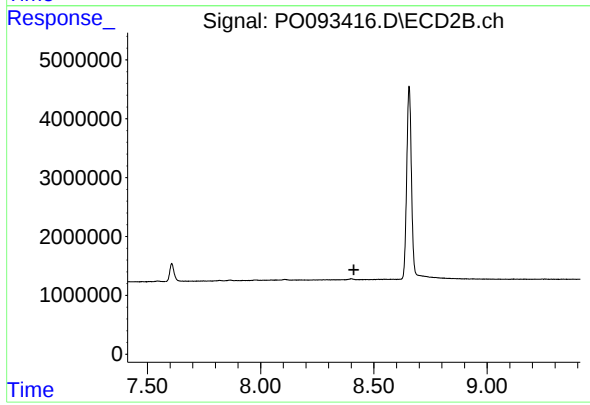
R.T.: 0.000 min
Exp R.T. : 8.118 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.897 min
Delta R.T.: -0.019 min
Response: 355633
Conc: 0.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.411 min
Response: 0
Conc: N.D.