

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0052323\
 Data File : P0095265.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 May 2023 18:11
 Operator : YP/AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 23 21:27:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0051823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 19 06:20:17 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...	4.495	3.650	159.5E6	61487057	54.752	54.150
2)	SA Decachlor...	10.550	8.707	132.1E6	47930490	56.914	49.422
Target Compounds							
3)	L1 AR-1016-1	5.697	4.742	32639094	12894965	313.033	324.582
4)	L1 AR-1016-2	5.720	4.761	38438967	13318945	254.882	239.911
5)	L1 AR-1016-3	5.784	4.939	20276529	8968610	214.452	299.686 #
6)	L1 AR-1016-4	5.884	4.981	21973107	18388402	291.967	716.400 #
7)	L1 AR-1016-5	6.190	5.195	52615045	22090845	706.838	698.913
8)	L2 AR-1221-1	4.703	0.000	394455	0	10.575	N.D. #
9)	L2 AR-1221-2	4.808	3.950	2534745	922856	86.567	78.873
10)	L2 AR-1221-3	4.875	4.027	2911936	1114459	34.272	32.144
11)	L3 AR-1232-1	4.875	4.027	2911936	1114459	45.988	42.162
12)	L3 AR-1232-2	5.421	4.761	14230679	13318945	397.798	516.853 #
13)	L3 AR-1232-3	5.720	4.939	38438967	8968610	570.055	646.107
14)	L3 AR-1232-4	5.884	5.023	21973107	19294551	647.451	1455.643 #
15)	L3 AR-1232-5	5.980	5.195	49307517	22090845	1720.298	1572.920
16)	L4 AR-1242-1	5.697	4.742	32639094	12894965	409.188	421.642
17)	L4 AR-1242-2	5.720	4.761	38438967	13318945	336.285	313.642
18)	L4 AR-1242-3	5.784	4.939	20276529	8968610	277.027	384.951 #
19)	L4 AR-1242-4	5.884	5.023	21973107	19294551	378.384	783.557 #
20)	L4 AR-1242-5	6.646	5.549	58568776	29875914	1002.863	1006.594
21)	L5 AR-1248-1	5.697	4.742	32639094	12894965	456.309	469.986
22)	L5 AR-1248-2	5.980	4.981	49307517	18388402	465.086	456.958
23)	L5 AR-1248-3	6.190	5.023	52615045	19294551	458.592	458.790
24)	L5 AR-1248-4	6.606	5.195	59710355	22090845	473.628	458.529
25)	L5 AR-1248-5	6.646	5.591	58568776	20972535	480.294	468.379
26)	L6 AR-1254-1	6.578	5.549	46739738	29875914	413.277	481.868
27)	L6 AR-1254-2	6.808	5.698	59054397	9568424	339.942	171.625 #
28)	L6 AR-1254-3	7.184	6.105	32773162	13980130	186.819	162.978
29)	L6 AR-1254-4	7.480	6.335	21422382	9591430	166.463	184.661
30)	L6 AR-1254-5	7.916	6.756	5872334	2669109	35.434	34.514
31)	L7 AR-1260-1	7.356	6.250	4075106	5287465	29.702	86.958 #
32)	L7 AR-1260-2	7.622	6.425	2869264	1018859	17.802	14.609
33)	L7 AR-1260-3	7.977	6.579	982727	1511117	9.586	22.113 #
34)	L7 AR-1260-4	8.215	7.092	2290244	690297	16.073	14.200
35)	L7 AR-1260-5	8.576	7.298	1407618	361564	5.927	3.250 #
36)	L8 AR-1262-1	7.977	6.826	982727	196079	5.618	5.978
37)	L8 AR-1262-2	8.576	7.092	1407618	690297	4.646	9.924 #
38)	L8 AR-1262-3	8.916	7.646f	827369	401436	3.944	7.352 #
39)	L8 AR-1262-4	8.999	7.646	1109083	401436	6.808	4.131 #
40)	L8 AR-1262-5	9.747	0.000	400231	0	3.731	N.D. #
41)	L9 AR-1268-1	8.916	7.646f	827369	401436	2.332	2.632

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 Acq On : 23 May 2023 18:11
 Operator : YP/AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

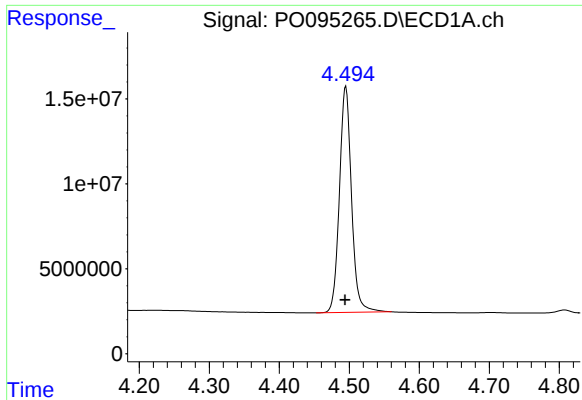
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 23 21:27:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0051823.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	8.999	7.646	1109083	401436	3.420	2.941
43) L9	AR-1268-3	9.264	0.000	158046	0	0.572	N.D. #
44) L9	AR-1268-4	9.747	0.000	400231	0	3.387	N.D. #
45) L9	AR-1268-5	10.172	0.000	732469	0	0.829	N.D. #

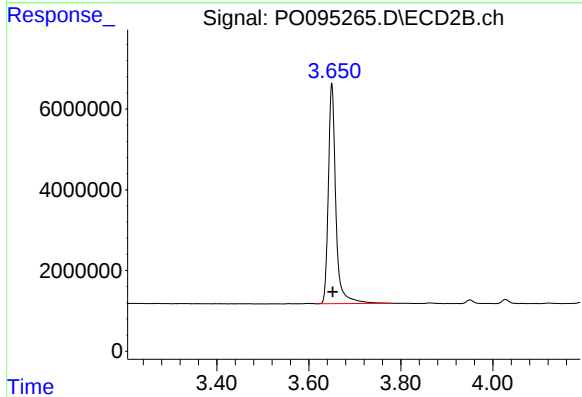
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

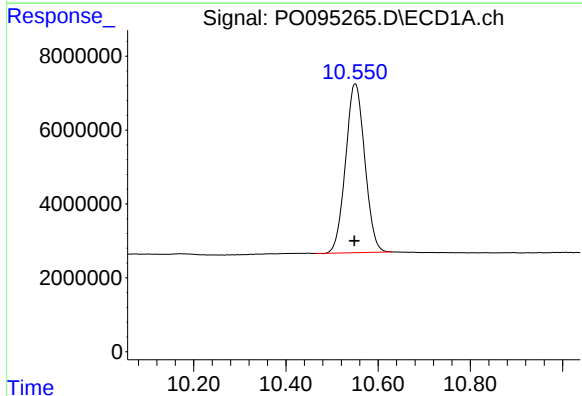
R.T.: 4.495 min
Delta R.T.: 0.001 min
Response: 159539053
Conc: 54.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



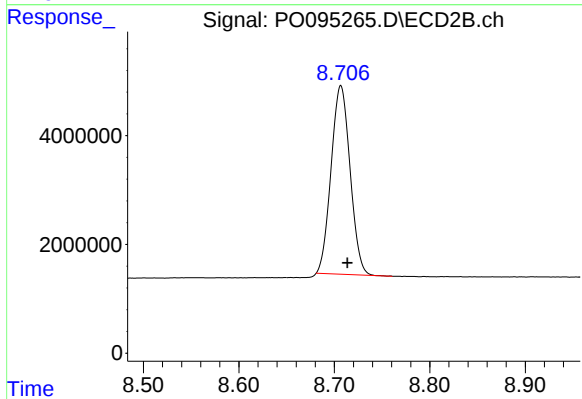
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: -0.002 min
Response: 61487057
Conc: 54.15 ng/ml



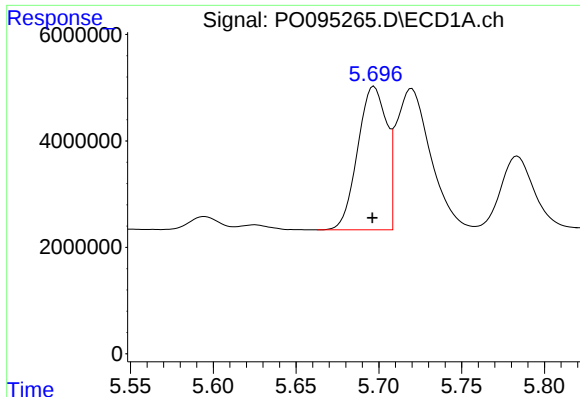
#2 Decachlorobiphenyl

R.T.: 10.550 min
Delta R.T.: 0.002 min
Response: 132068882
Conc: 56.91 ng/ml



#2 Decachlorobiphenyl

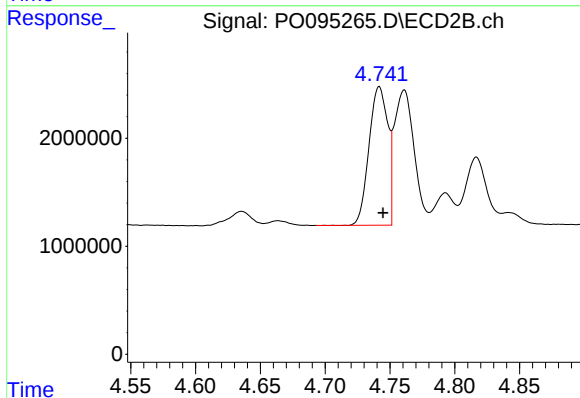
R.T.: 8.707 min
Delta R.T.: -0.007 min
Response: 47930490
Conc: 49.42 ng/ml



#3 AR-1016-1

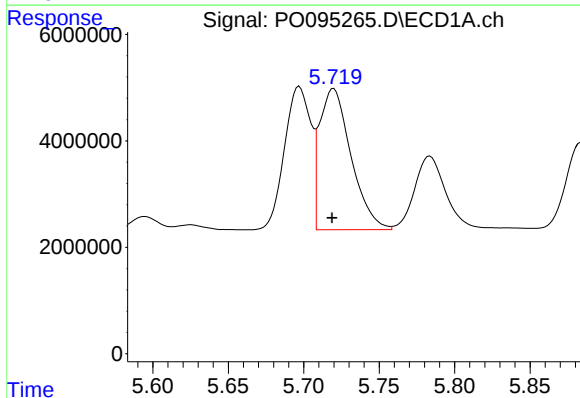
R.T.: 5.697 min
Delta R.T.: 0.001 min
Response: 32639094
Conc: 313.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



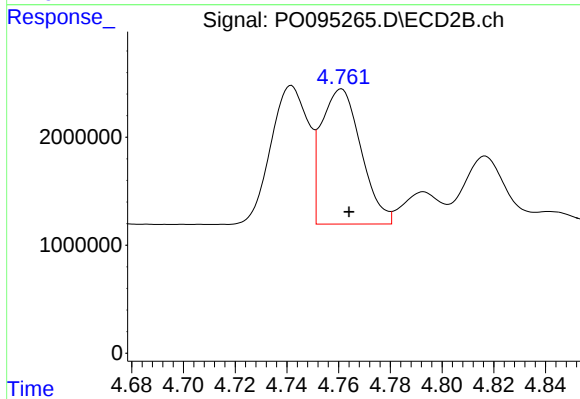
#3 AR-1016-1

R.T.: 4.742 min
Delta R.T.: -0.003 min
Response: 12894965
Conc: 324.58 ng/ml



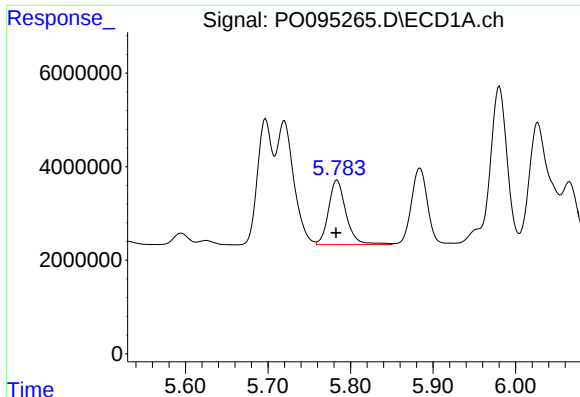
#4 AR-1016-2

R.T.: 5.720 min
Delta R.T.: 0.001 min
Response: 38438967
Conc: 254.88 ng/ml



#4 AR-1016-2

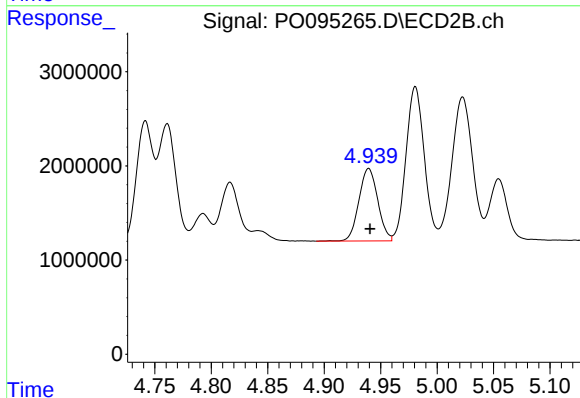
R.T.: 4.761 min
Delta R.T.: -0.003 min
Response: 13318945
Conc: 239.91 ng/ml



#5 AR-1016-3

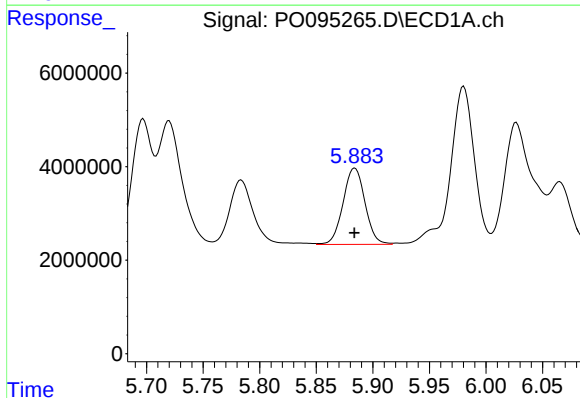
R.T.: 5.784 min
Delta R.T.: 0.001 min
Response: 20276529
Conc: 214.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



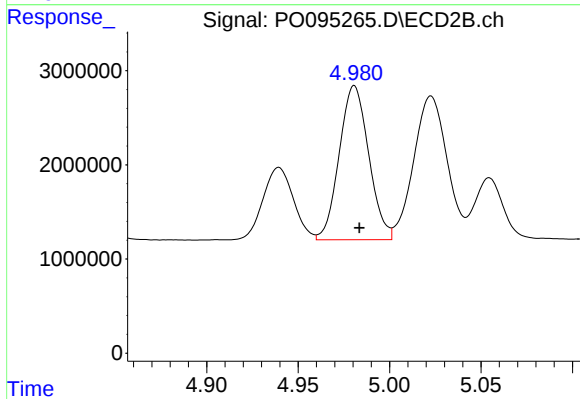
#5 AR-1016-3

R.T.: 4.939 min
Delta R.T.: -0.001 min
Response: 8968610
Conc: 299.69 ng/ml



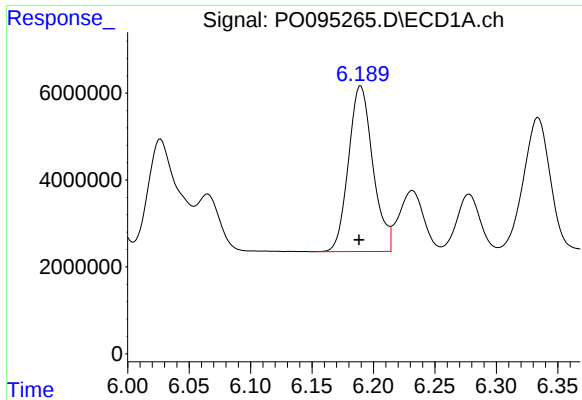
#6 AR-1016-4

R.T.: 5.884 min
Delta R.T.: 0.000 min
Response: 21973107
Conc: 291.97 ng/ml



#6 AR-1016-4

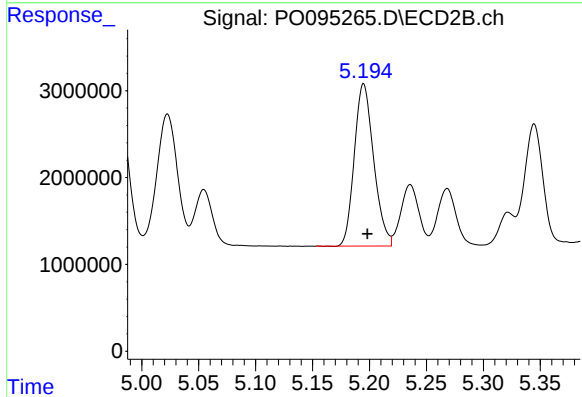
R.T.: 4.981 min
Delta R.T.: -0.003 min
Response: 18388402
Conc: 716.40 ng/ml



#7 AR-1016-5

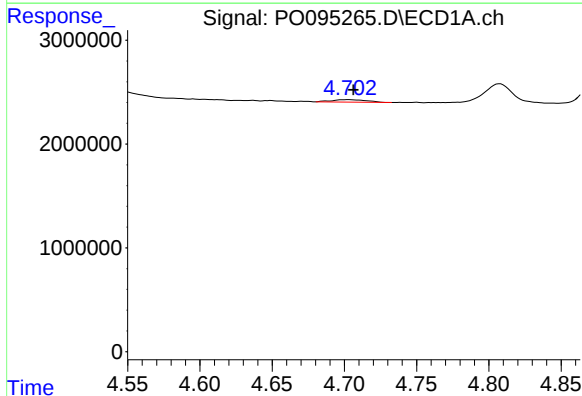
R.T.: 6.190 min
Delta R.T.: 0.001 min
Response: 52615045
Conc: 706.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



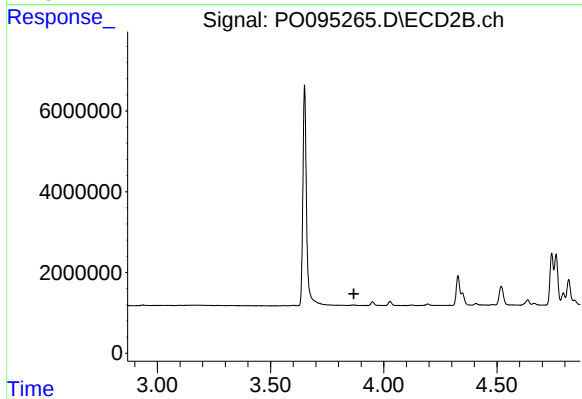
#7 AR-1016-5

R.T.: 5.195 min
Delta R.T.: -0.003 min
Response: 22090845
Conc: 698.91 ng/ml



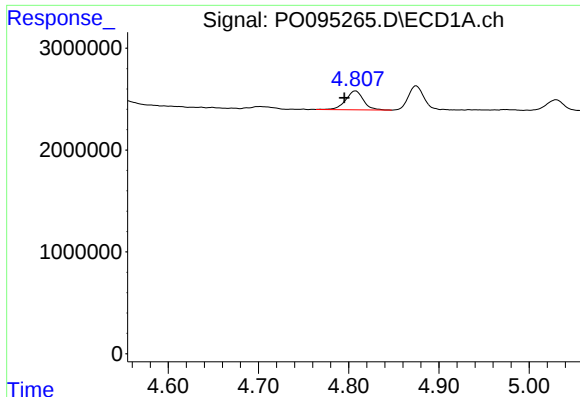
#8 AR-1221-1

R.T.: 4.703 min
Delta R.T.: -0.004 min
Response: 394455
Conc: 10.57 ng/ml



#8 AR-1221-1

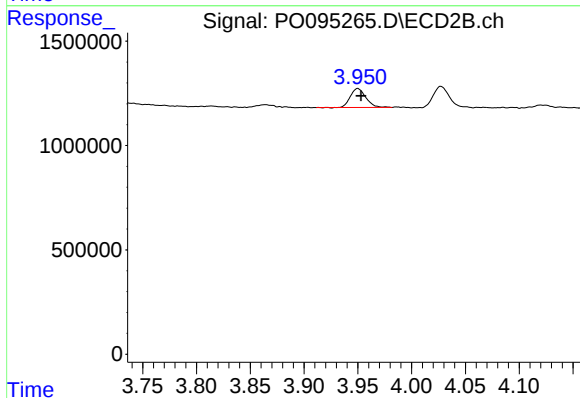
R.T.: 0.000 min
Exp R.T. : 3.868 min
Response: 0
Conc: N.D.



#9 AR-1221-2

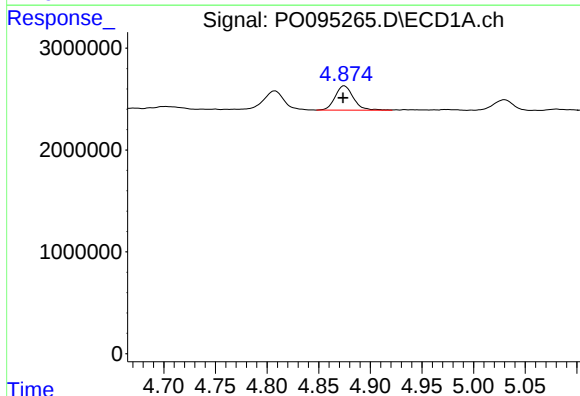
R.T.: 4.808 min
Delta R.T.: 0.012 min
Response: 2534745
Conc: 86.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



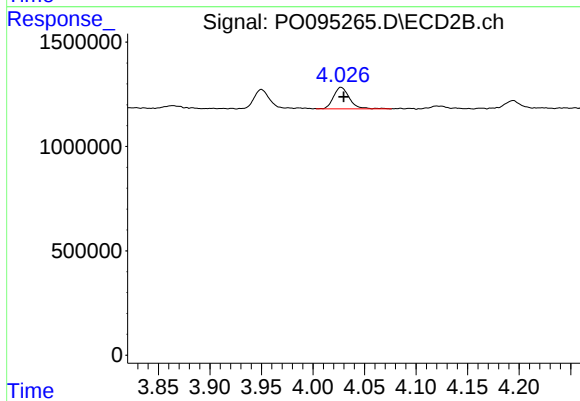
#9 AR-1221-2

R.T.: 3.950 min
Delta R.T.: -0.003 min
Response: 922856
Conc: 78.87 ng/ml



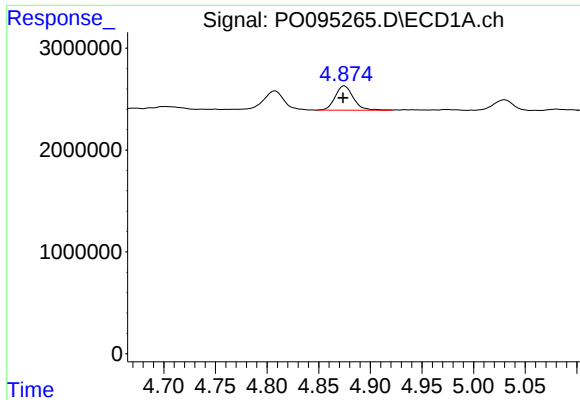
#10 AR-1221-3

R.T.: 4.875 min
Delta R.T.: 0.001 min
Response: 2911936
Conc: 34.27 ng/ml



#10 AR-1221-3

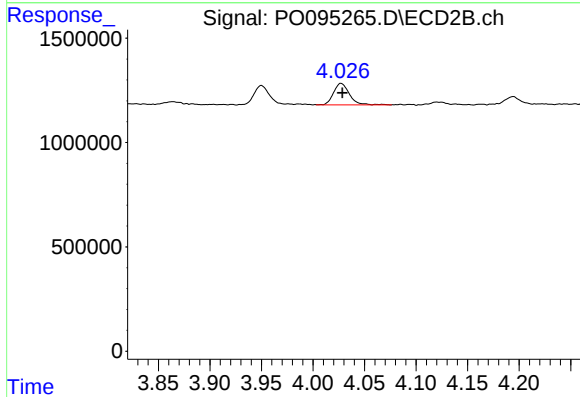
R.T.: 4.027 min
Delta R.T.: -0.003 min
Response: 1114459
Conc: 32.14 ng/ml



#11 AR-1232-1

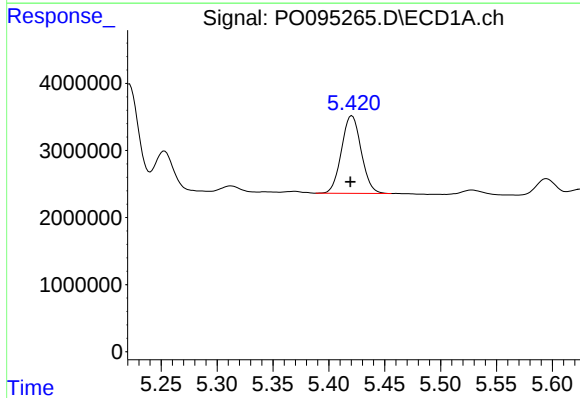
R.T.: 4.875 min
Delta R.T.: 0.001 min
Response: 2911936
Conc: 45.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



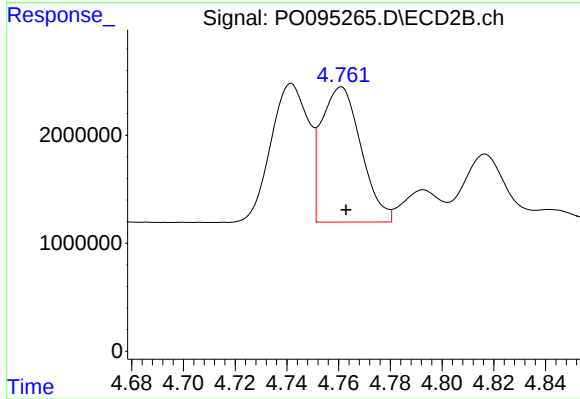
#11 AR-1232-1

R.T.: 4.027 min
Delta R.T.: -0.001 min
Response: 1114459
Conc: 42.16 ng/ml



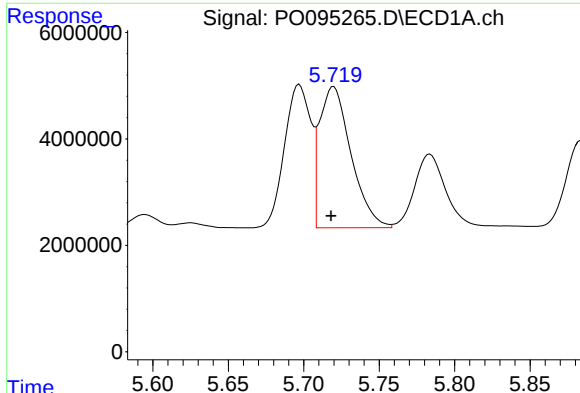
#12 AR-1232-2

R.T.: 5.421 min
Delta R.T.: 0.002 min
Response: 14230679
Conc: 397.80 ng/ml



#12 AR-1232-2

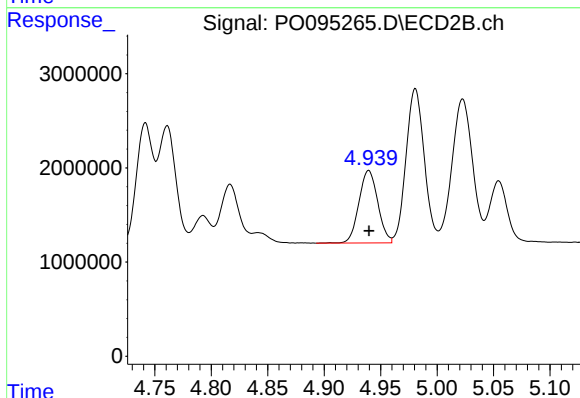
R.T.: 4.761 min
Delta R.T.: -0.002 min
Response: 13318945
Conc: 516.85 ng/ml



#13 AR-1232-3

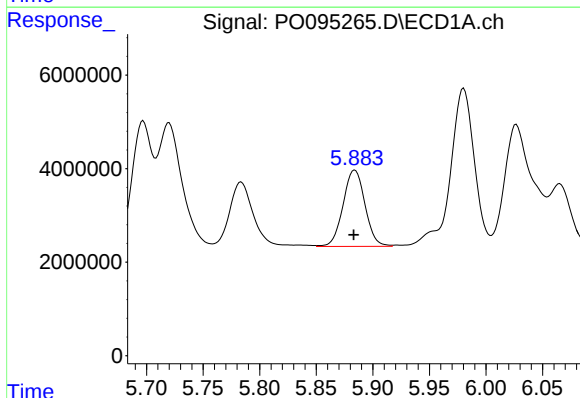
R.T.: 5.720 min
Delta R.T.: 0.002 min
Response: 38438967
Conc: 570.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



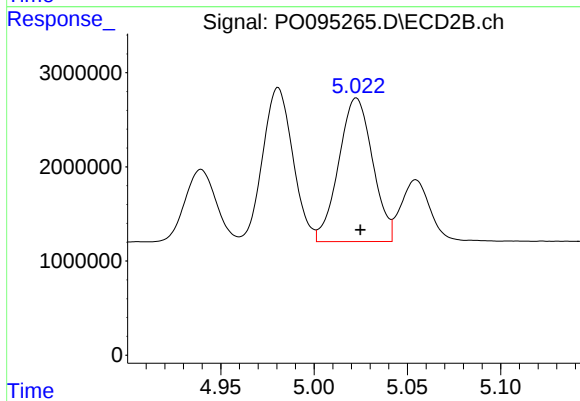
#13 AR-1232-3

R.T.: 4.939 min
Delta R.T.: 0.000 min
Response: 8968610
Conc: 646.11 ng/ml



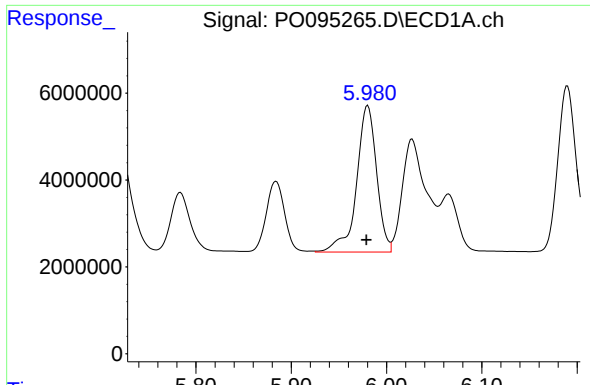
#14 AR-1232-4

R.T.: 5.884 min
Delta R.T.: 0.000 min
Response: 21973107
Conc: 647.45 ng/ml



#14 AR-1232-4

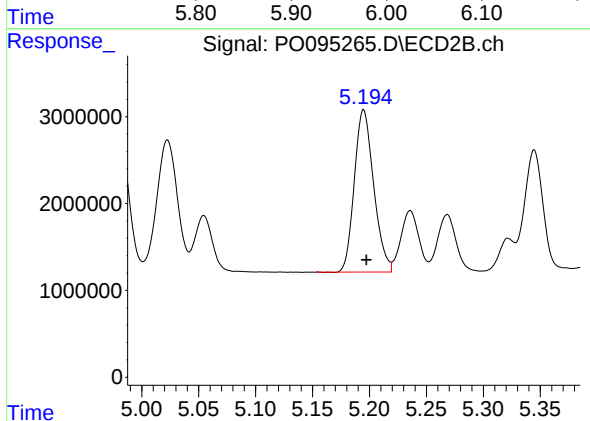
R.T.: 5.023 min
Delta R.T.: -0.002 min
Response: 19294551
Conc: 1455.64 ng/ml



#15 AR-1232-5

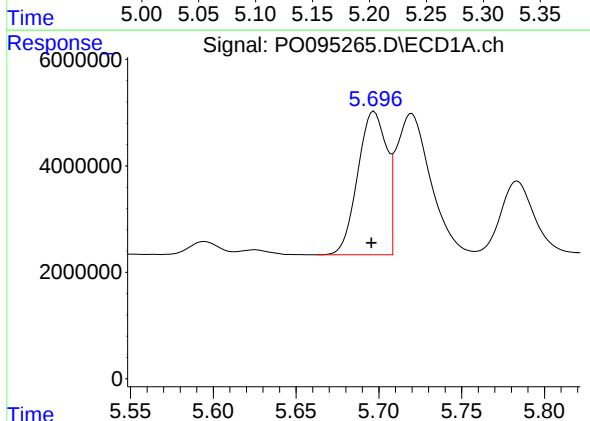
R.T.: 5.980 min
Delta R.T.: 0.001 min
Response: 49307517
Conc: 1720.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



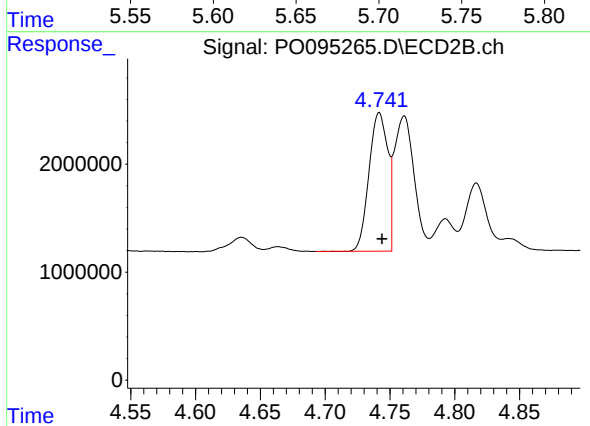
#15 AR-1232-5

R.T.: 5.195 min
Delta R.T.: -0.002 min
Response: 22090845
Conc: 1572.92 ng/ml



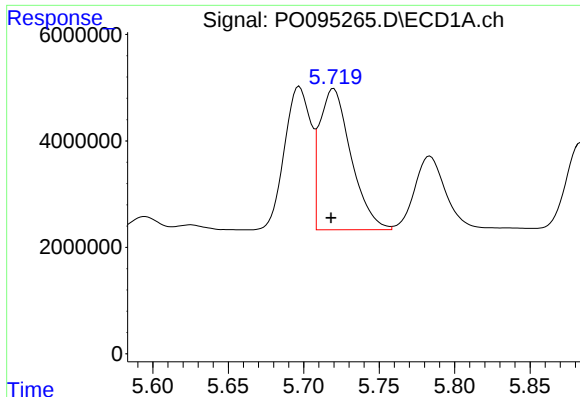
#16 AR-1242-1

R.T.: 5.697 min
Delta R.T.: 0.002 min
Response: 32639094
Conc: 409.19 ng/ml



#16 AR-1242-1

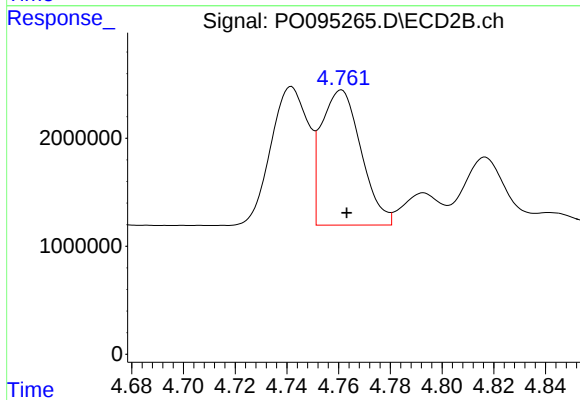
R.T.: 4.742 min
Delta R.T.: -0.002 min
Response: 12894965
Conc: 421.64 ng/ml



#17 AR-1242-2

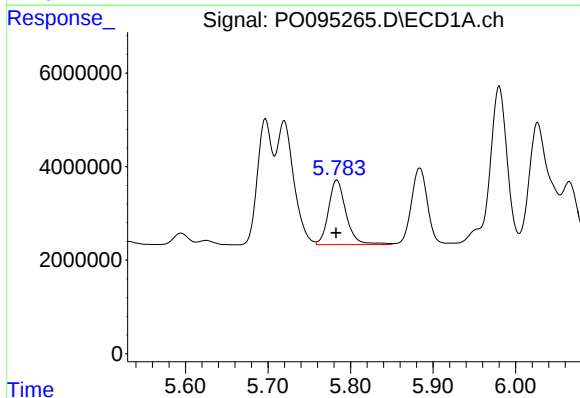
R.T.: 5.720 min
Delta R.T.: 0.002 min
Response: 38438967
Conc: 336.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



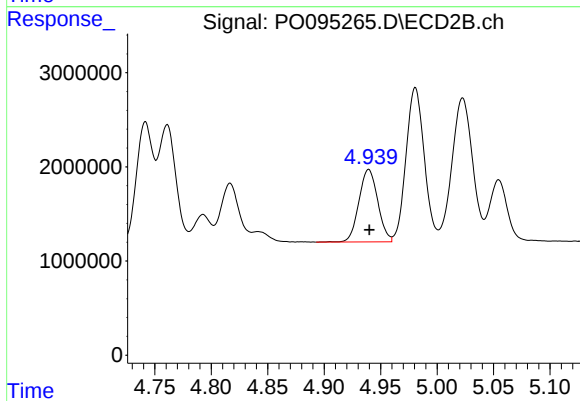
#17 AR-1242-2

R.T.: 4.761 min
Delta R.T.: -0.002 min
Response: 13318945
Conc: 313.64 ng/ml



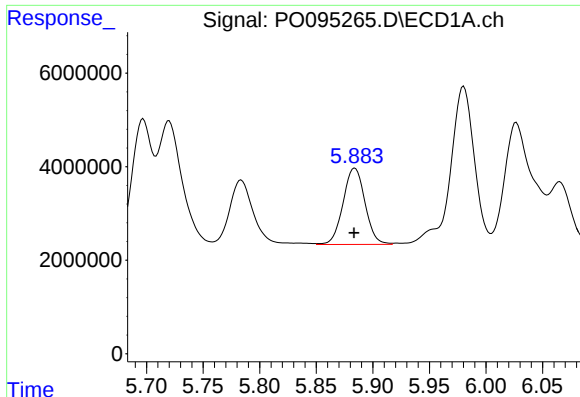
#18 AR-1242-3

R.T.: 5.784 min
Delta R.T.: 0.001 min
Response: 20276529
Conc: 277.03 ng/ml



#18 AR-1242-3

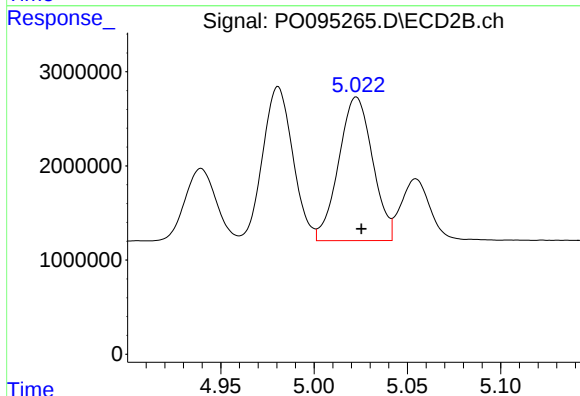
R.T.: 4.939 min
Delta R.T.: 0.000 min
Response: 8968610
Conc: 384.95 ng/ml



#19 AR-1242-4

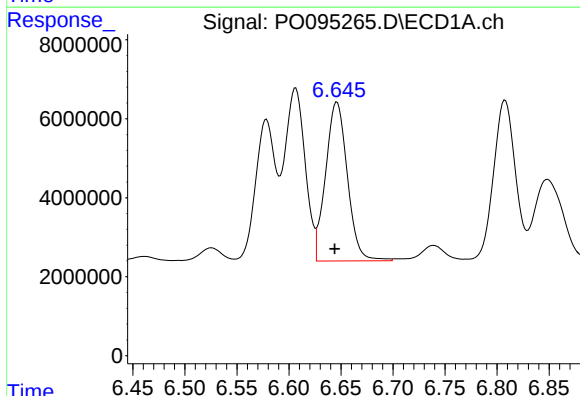
R.T.: 5.884 min
Delta R.T.: 0.000 min
Response: 21973107
Conc: 378.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



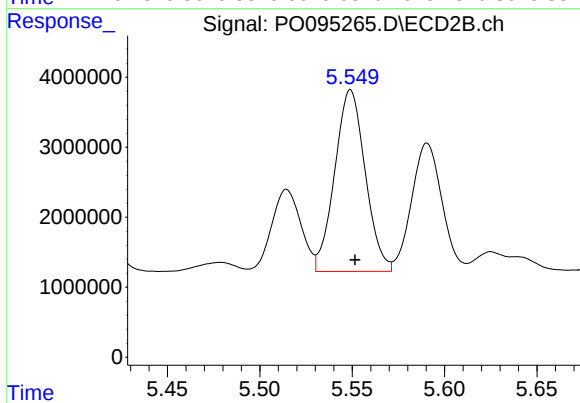
#19 AR-1242-4

R.T.: 5.023 min
Delta R.T.: -0.003 min
Response: 19294551
Conc: 783.56 ng/ml



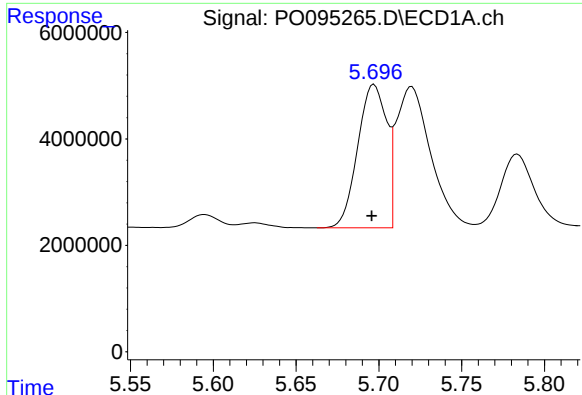
#20 AR-1242-5

R.T.: 6.646 min
Delta R.T.: 0.002 min
Response: 58568776
Conc: 1002.86 ng/ml



#20 AR-1242-5

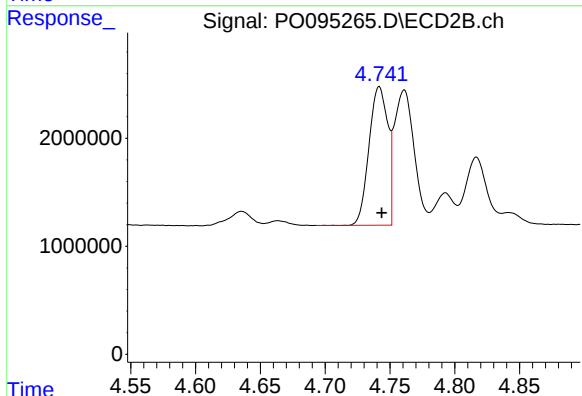
R.T.: 5.549 min
Delta R.T.: -0.002 min
Response: 29875914
Conc: 1006.59 ng/ml



#21 AR-1248-1

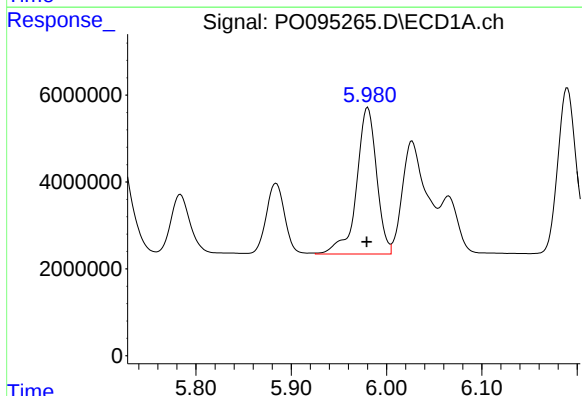
R.T.: 5.697 min
Delta R.T.: 0.001 min
Response: 32639094
Conc: 456.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



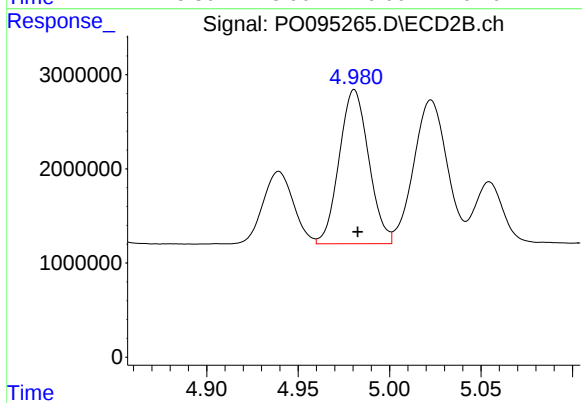
#21 AR-1248-1

R.T.: 4.742 min
Delta R.T.: -0.002 min
Response: 12894965
Conc: 469.99 ng/ml



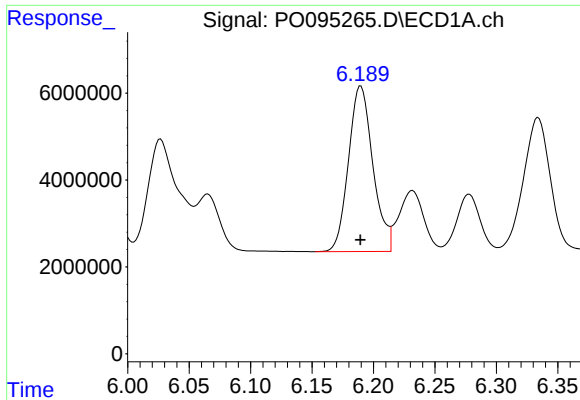
#22 AR-1248-2

R.T.: 5.980 min
Delta R.T.: 0.001 min
Response: 49307517
Conc: 465.09 ng/ml



#22 AR-1248-2

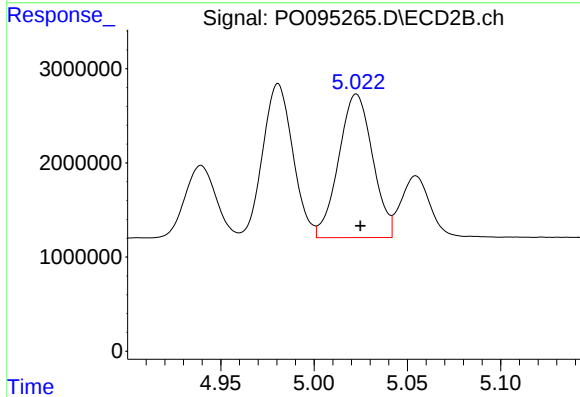
R.T.: 4.981 min
Delta R.T.: -0.002 min
Response: 18388402
Conc: 456.96 ng/ml



#23 AR-1248-3

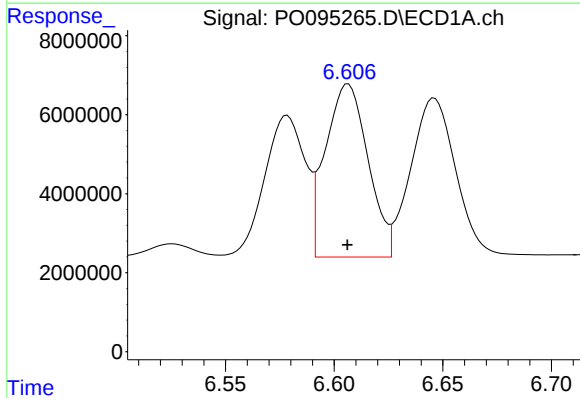
R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 52615045
Conc: 458.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



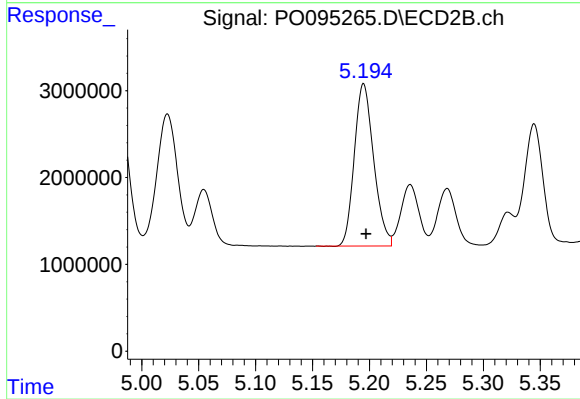
#23 AR-1248-3

R.T.: 5.023 min
Delta R.T.: -0.002 min
Response: 19294551
Conc: 458.79 ng/ml



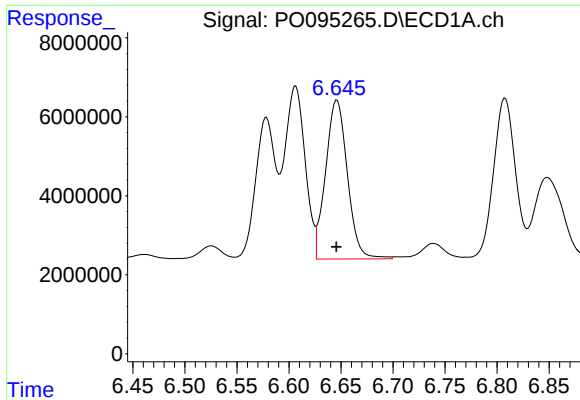
#24 AR-1248-4

R.T.: 6.606 min
Delta R.T.: 0.000 min
Response: 59710355
Conc: 473.63 ng/ml



#24 AR-1248-4

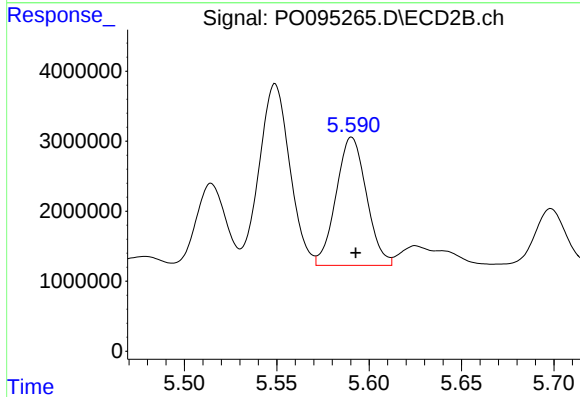
R.T.: 5.195 min
Delta R.T.: -0.002 min
Response: 22090845
Conc: 458.53 ng/ml



#25 AR-1248-5

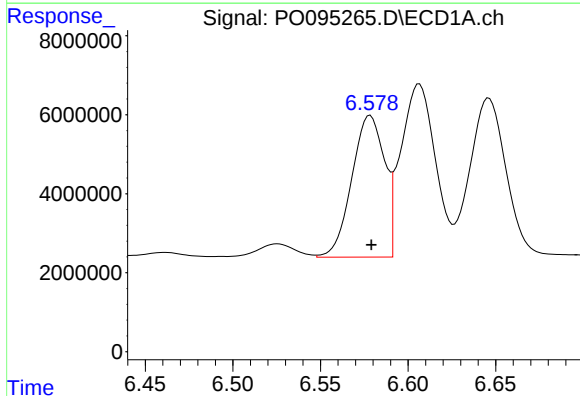
R.T.: 6.646 min
Delta R.T.: 0.000 min
Response: 58568776
Conc: 480.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



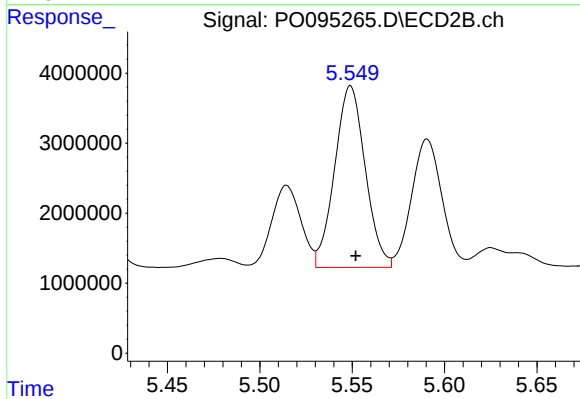
#25 AR-1248-5

R.T.: 5.591 min
Delta R.T.: -0.002 min
Response: 20972535
Conc: 468.38 ng/ml



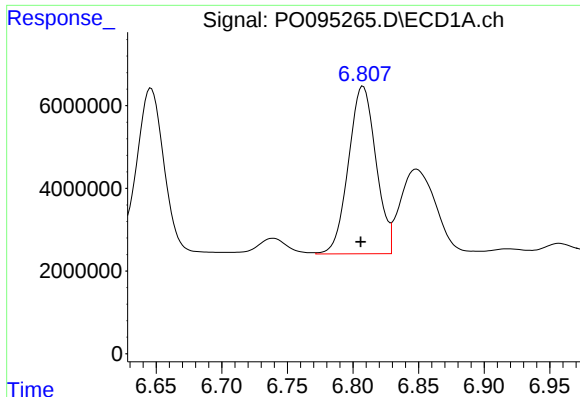
#26 AR-1254-1

R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 46739738
Conc: 413.28 ng/ml



#26 AR-1254-1

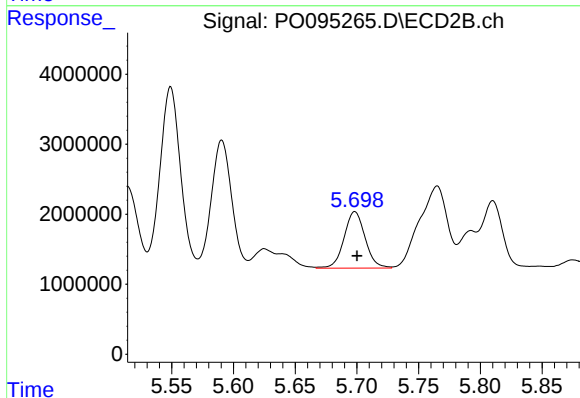
R.T.: 5.549 min
Delta R.T.: -0.003 min
Response: 29875914
Conc: 481.87 ng/ml



#27 AR-1254-2

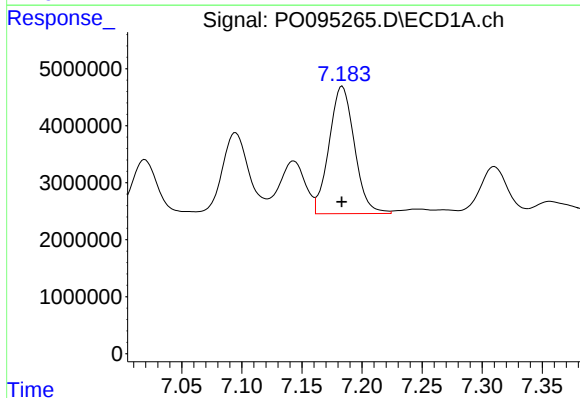
R.T.: 6.808 min
Delta R.T.: 0.002 min
Response: 59054397
Conc: 339.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



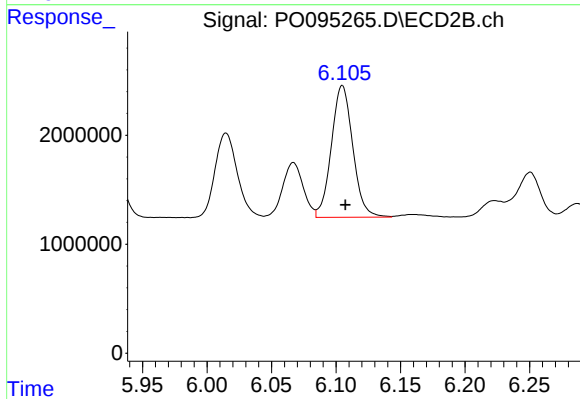
#27 AR-1254-2

R.T.: 5.698 min
Delta R.T.: -0.002 min
Response: 9568424
Conc: 171.62 ng/ml



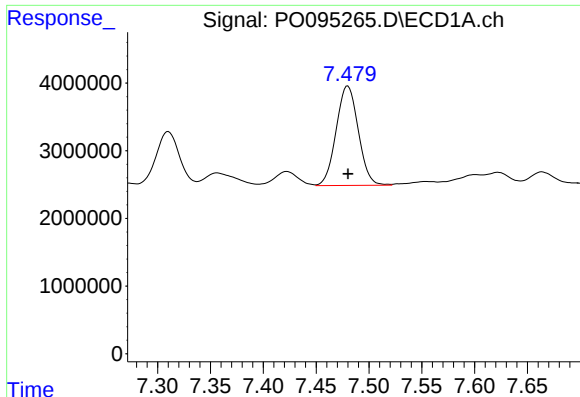
#28 AR-1254-3

R.T.: 7.184 min
Delta R.T.: 0.000 min
Response: 32773162
Conc: 186.82 ng/ml



#28 AR-1254-3

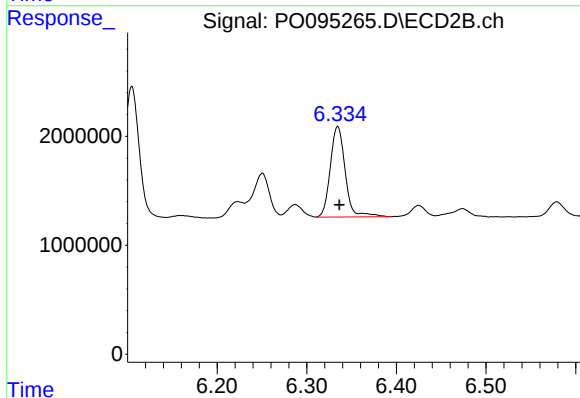
R.T.: 6.105 min
Delta R.T.: -0.002 min
Response: 13980130
Conc: 162.98 ng/ml



#29 AR-1254-4

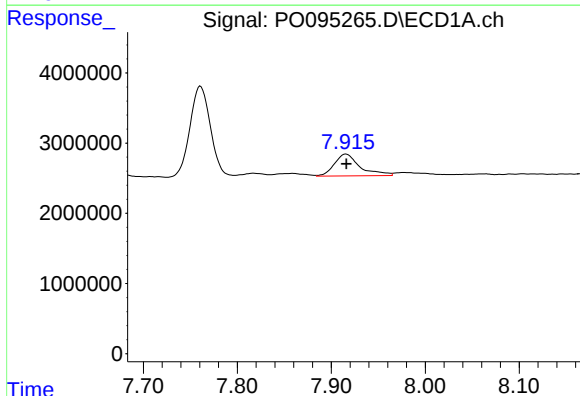
R.T.: 7.480 min
Delta R.T.: 0.000 min
Response: 21422382
Conc: 166.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



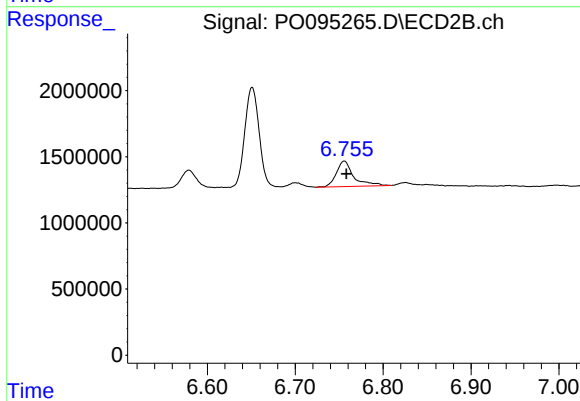
#29 AR-1254-4

R.T.: 6.335 min
Delta R.T.: -0.002 min
Response: 9591430
Conc: 184.66 ng/ml



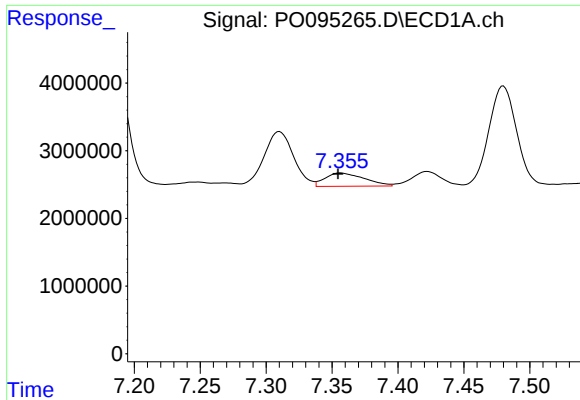
#30 AR-1254-5

R.T.: 7.916 min
Delta R.T.: 0.000 min
Response: 5872334
Conc: 35.43 ng/ml



#30 AR-1254-5

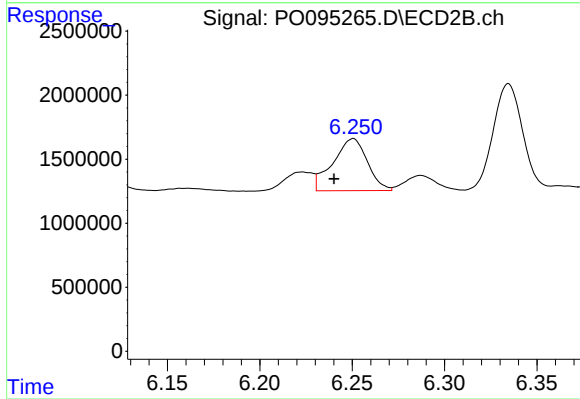
R.T.: 6.756 min
Delta R.T.: -0.002 min
Response: 2669109
Conc: 34.51 ng/ml



#31 AR-1260-1

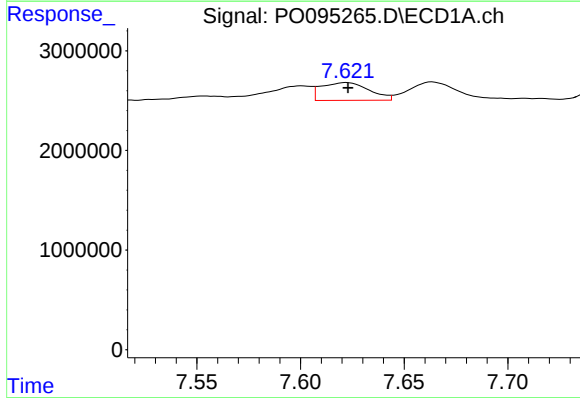
R.T.: 7.356 min
Delta R.T.: 0.002 min
Response: 4075106
Conc: 29.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



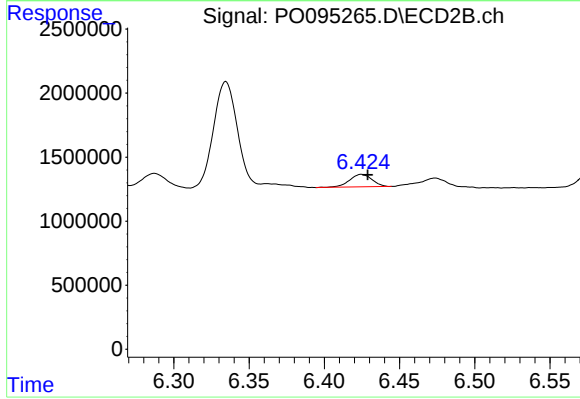
#31 AR-1260-1

R.T.: 6.250 min
Delta R.T.: 0.010 min
Response: 5287465
Conc: 86.96 ng/ml



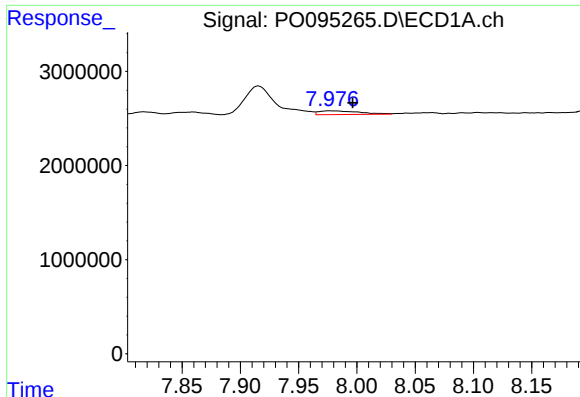
#32 AR-1260-2

R.T.: 7.622 min
Delta R.T.: 0.000 min
Response: 2869264
Conc: 17.80 ng/ml



#32 AR-1260-2

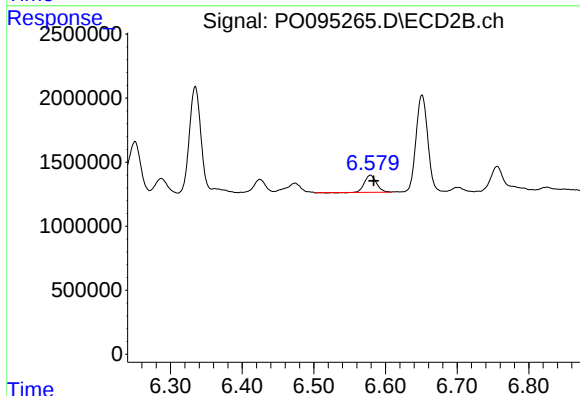
R.T.: 6.425 min
Delta R.T.: -0.004 min
Response: 1018859
Conc: 14.61 ng/ml



#33 AR-1260-3

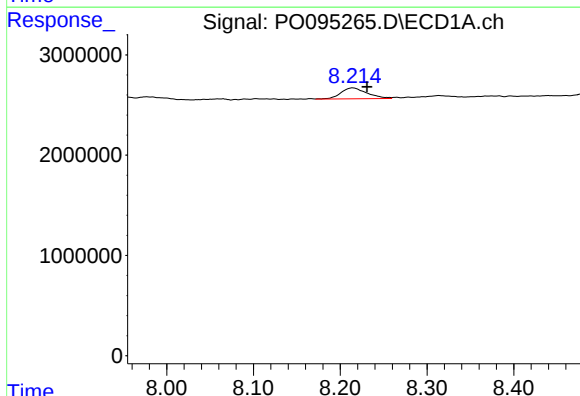
R.T.: 7.977 min
Delta R.T.: -0.019 min
Response: 982727
Conc: 9.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



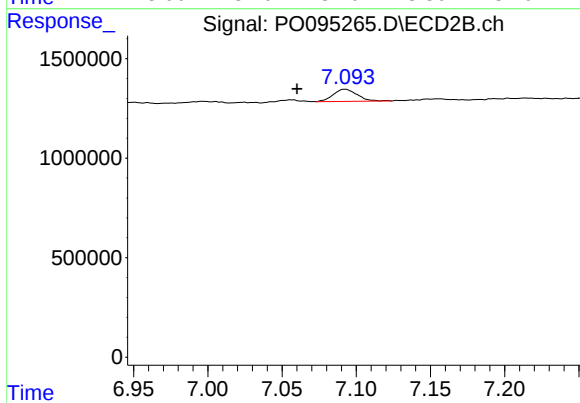
#33 AR-1260-3

R.T.: 6.579 min
Delta R.T.: -0.005 min
Response: 1511117
Conc: 22.11 ng/ml



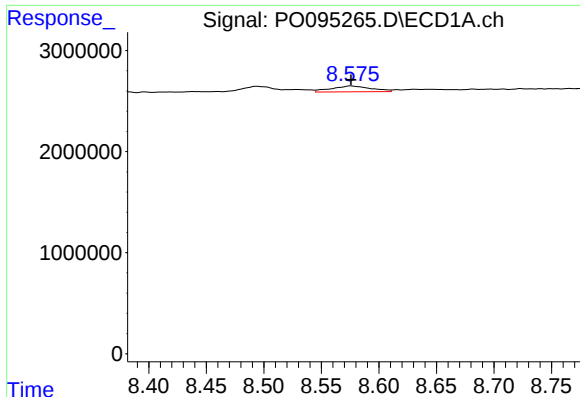
#34 AR-1260-4

R.T.: 8.215 min
Delta R.T.: -0.017 min
Response: 2290244
Conc: 16.07 ng/ml



#34 AR-1260-4

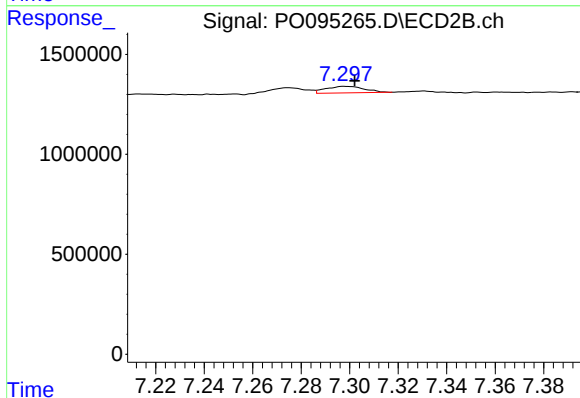
R.T.: 7.092 min
Delta R.T.: 0.032 min
Response: 690297
Conc: 14.20 ng/ml



#35 AR-1260-5

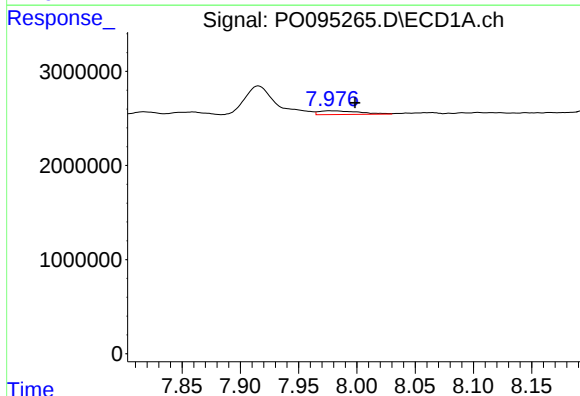
R.T.: 8.576 min
Delta R.T.: 0.000 min
Response: 1407618
Conc: 5.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



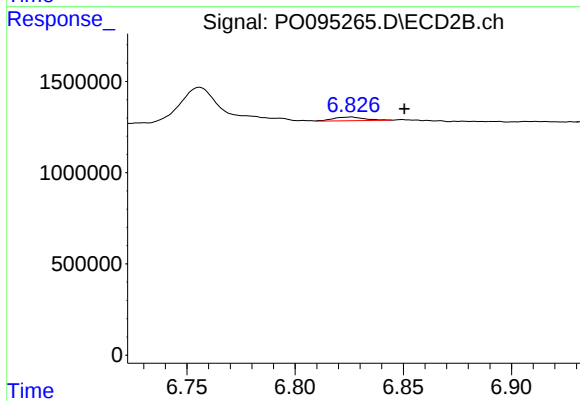
#35 AR-1260-5

R.T.: 7.298 min
Delta R.T.: -0.004 min
Response: 361564
Conc: 3.25 ng/ml



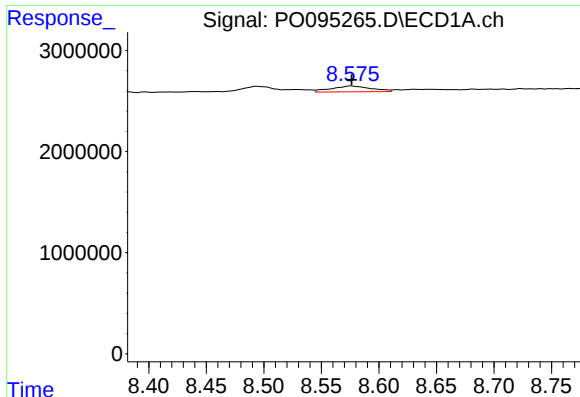
#36 AR-1262-1

R.T.: 7.977 min
Delta R.T.: -0.022 min
Response: 982727
Conc: 5.62 ng/ml



#36 AR-1262-1

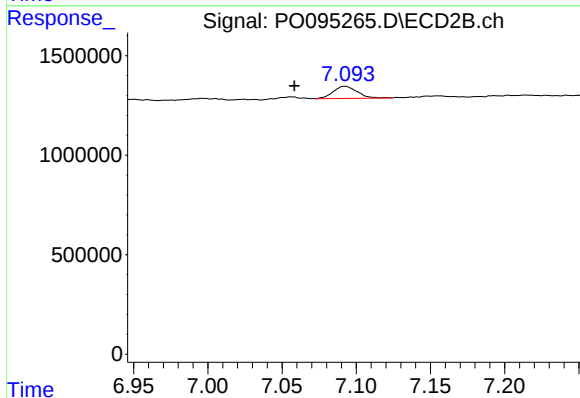
R.T.: 6.826 min
Delta R.T.: -0.025 min
Response: 196079
Conc: 5.98 ng/ml



#37 AR-1262-2

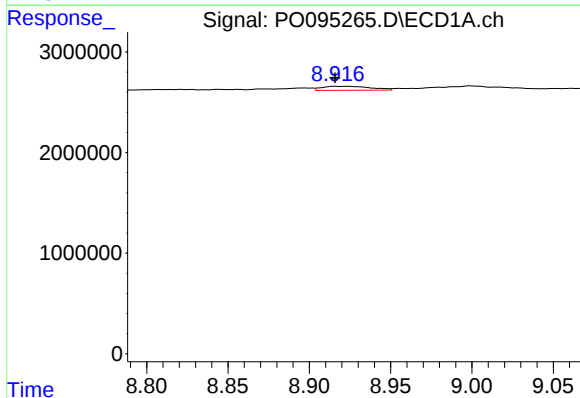
R.T.: 8.576 min
Delta R.T.: 0.000 min
Response: 1407618
Conc: 4.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



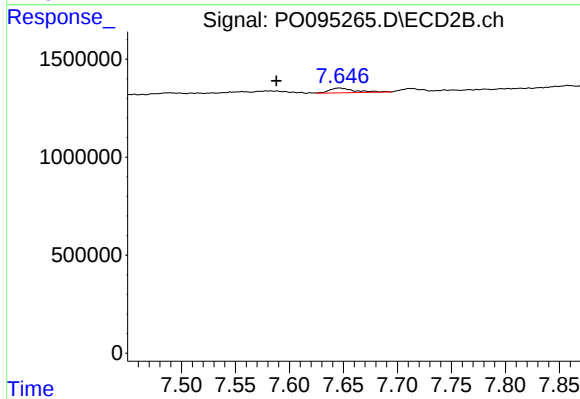
#37 AR-1262-2

R.T.: 7.092 min
Delta R.T.: 0.034 min
Response: 690297
Conc: 9.92 ng/ml



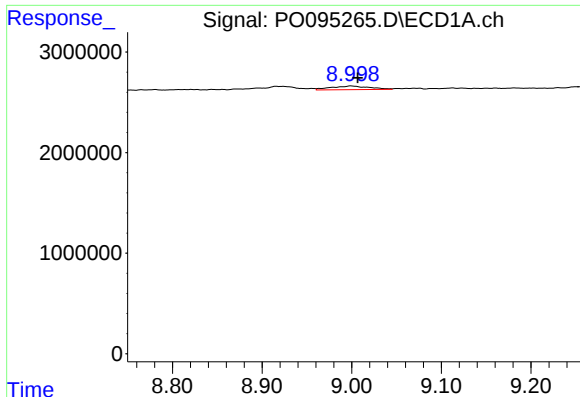
#38 AR-1262-3

R.T.: 8.916 min
Delta R.T.: 0.000 min
Response: 827369
Conc: 3.94 ng/ml



#38 AR-1262-3

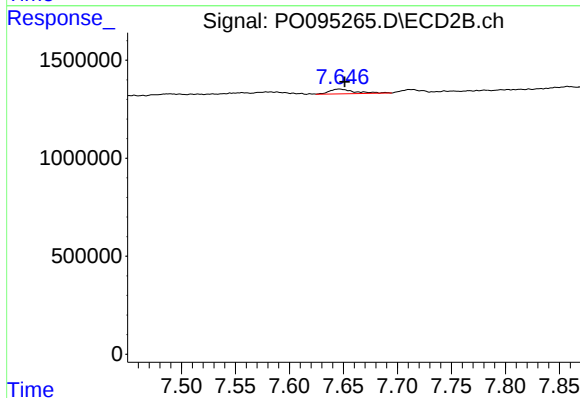
R.T.: 7.646 min
Delta R.T.: 0.058 min
Response: 401436
Conc: 7.35 ng/ml



#39 AR-1262-4

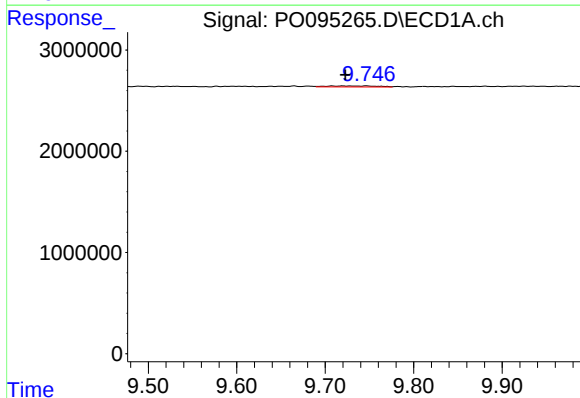
R.T.: 8.999 min
Delta R.T.: -0.008 min
Response: 1109083
Conc: 6.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



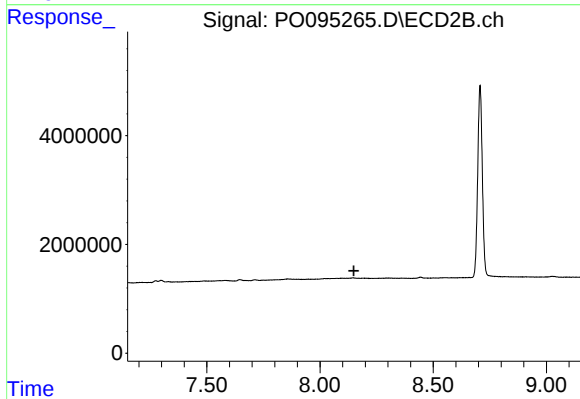
#39 AR-1262-4

R.T.: 7.646 min
Delta R.T.: -0.005 min
Response: 401436
Conc: 4.13 ng/ml



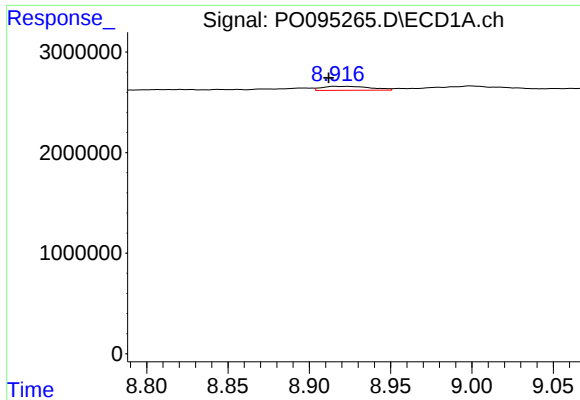
#40 AR-1262-5

R.T.: 9.747 min
Delta R.T.: 0.024 min
Response: 400231
Conc: 3.73 ng/ml



#40 AR-1262-5

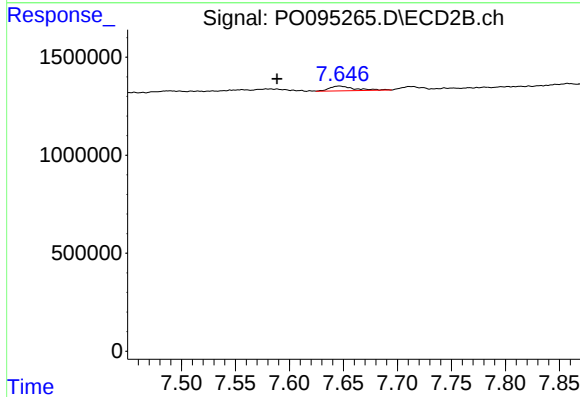
R.T.: 0.000 min
Exp R.T. : 8.149 min
Response: 0
Conc: N.D.



#41 AR-1268-1

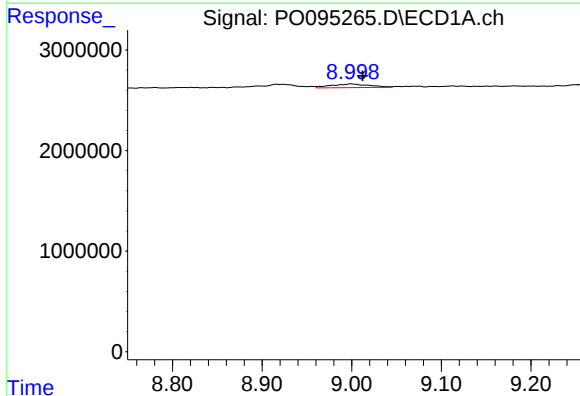
R.T.: 8.916 min
Delta R.T.: 0.004 min
Response: 827369
Conc: 2.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



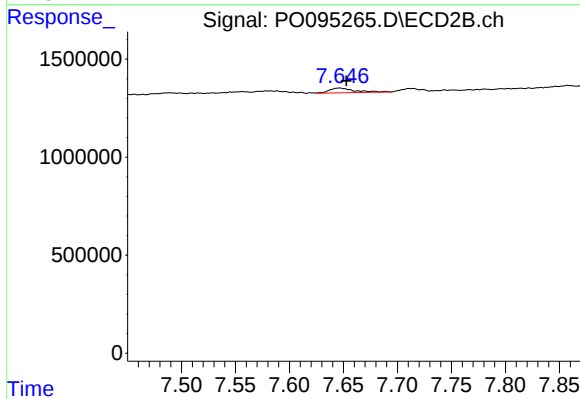
#41 AR-1268-1

R.T.: 7.646 min
Delta R.T.: 0.058 min
Response: 401436
Conc: 2.63 ng/ml



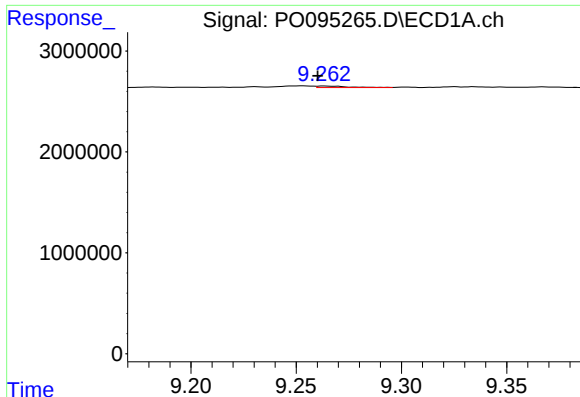
#42 AR-1268-2

R.T.: 8.998 min
Delta R.T.: -0.013 min
Response: 1109083
Conc: 3.42 ng/ml



#42 AR-1268-2

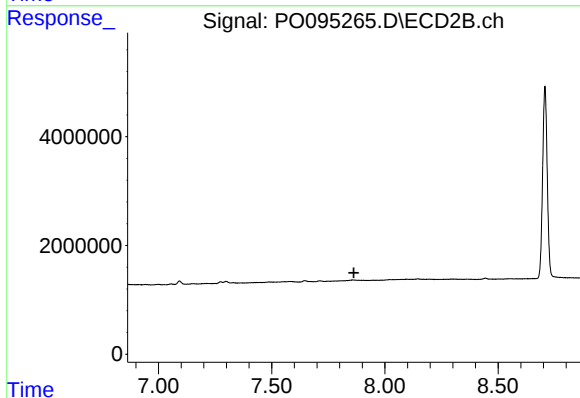
R.T.: 7.646 min
Delta R.T.: -0.007 min
Response: 401436
Conc: 2.94 ng/ml



#43 AR-1268-3

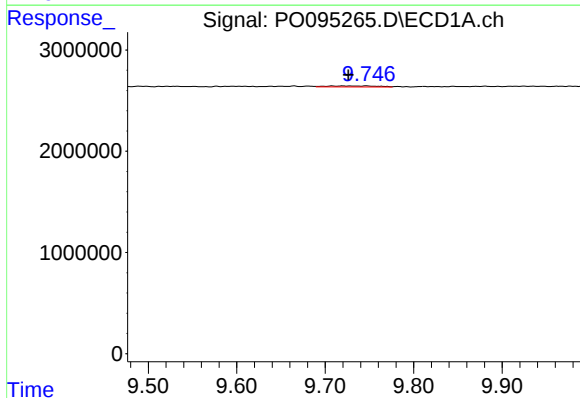
R.T.: 9.264 min
Delta R.T.: 0.003 min
Response: 158046
Conc: 0.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



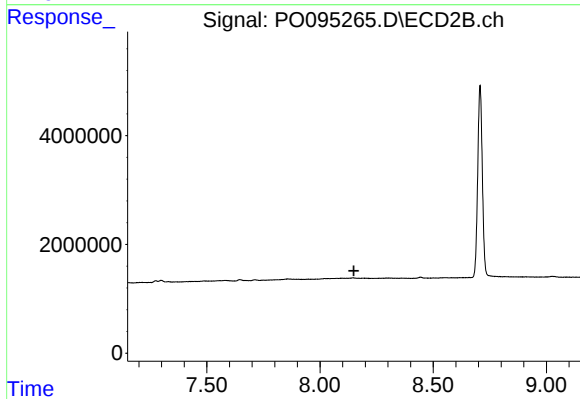
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.863 min
Response: 0
Conc: N.D.



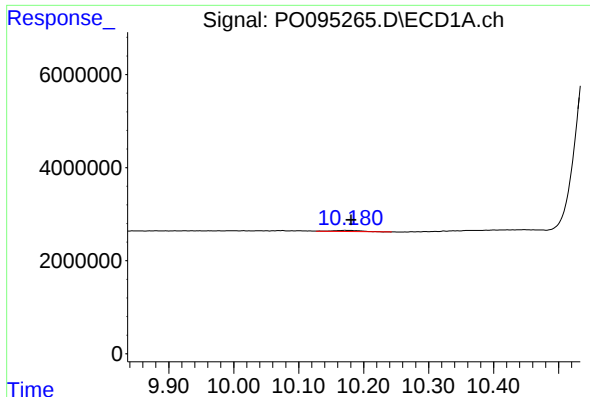
#44 AR-1268-4

R.T.: 9.747 min
Delta R.T.: 0.021 min
Response: 400231
Conc: 3.39 ng/ml



#44 AR-1268-4

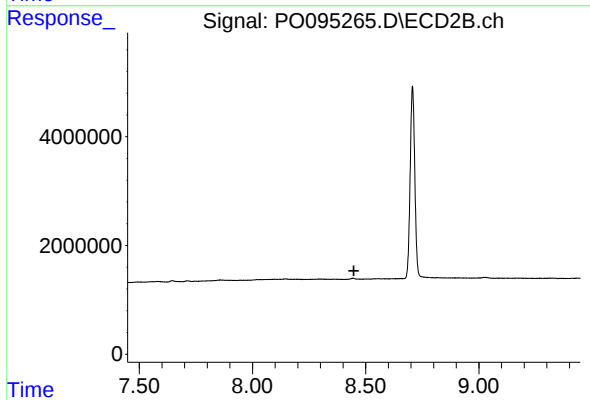
R.T.: 0.000 min
Exp R.T. : 8.150 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.172 min
Delta R.T.: -0.009 min
Response: 732469
Conc: 0.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.448 min
Response: 0
Conc: N.D.