

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0020123\
 Data File : P0092315.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Feb 2023 14:57
 Operator : YP/AJ
 Sample : PB150593BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 02 00:40:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0012323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 04:40:59 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...	4.448	3.644	61709274	24809517	21.317	17.669
2)	SA Decachlor...	10.370	8.686	49182658	24847404	23.830	22.010
Target Compounds							
3)	L1 AR-1016-1	5.634	4.732	41244793	18297033	450.972	398.102
4)	L1 AR-1016-2	5.657	4.751	59382382	25706505	443.451	392.000
5)	L1 AR-1016-3	5.720	4.927	37936065	13807474	440.838	390.539
6)	L1 AR-1016-4	5.819	4.970	29880124	12443742	448.208	400.030
7)	L1 AR-1016-5	6.120	5.183	31182224	15696125	433.989	394.712
8)	L2 AR-1221-1	4.654	3.857	4748559	1886687	125.607	99.663
9)	L2 AR-1221-2	4.746	3.944	5612418	2389460	202.801	170.020
10)	L2 AR-1221-3	4.823	4.020	23823151	10682986	282.319	255.115
11)	L3 AR-1232-1	4.823	4.020	23823151	10682986	344.291	303.711
12)	L3 AR-1232-2	5.362	4.751	32425749	25706505	928.072	838.574
13)	L3 AR-1232-3	5.657	4.927	59382382	13807474	969.947	857.628
14)	L3 AR-1232-4	5.819	5.011	29880124	15229717	996.978	932.426
15)	L3 AR-1232-5	5.914	5.183	27064269	15696125	1095.075	877.527
16)	L4 AR-1242-1	5.634	4.732	41244793	18297033	528.856	469.120
17)	L4 AR-1242-2	5.657	4.751	59382382	25706505	527.541	473.317
18)	L4 AR-1242-3	5.720	4.927	37936065	13807474	522.587	474.090
19)	L4 AR-1242-4	5.819	5.011	29880124	15229717	539.601	473.473
20)	L4 AR-1242-5	6.572	5.537	4110606	12702068	73.638	350.869 #
21)	L5 AR-1248-1	5.634	4.732	41244793	18297033	710.572	628.064
22)	L5 AR-1248-2	5.914	4.970	27064269	12443742	296.161	275.809
23)	L5 AR-1248-3	6.120	5.011	31182224	15229717	317.947	326.540
24)	L5 AR-1248-4	6.506	5.183	28617036	15696125	292.282	292.130
25)	L5 AR-1248-5	6.572	5.576	4110606	1741836	43.600	36.793
26)	L6 AR-1254-1	6.506	5.537	28617036	12702068	258.474	162.038 #
27)	L6 AR-1254-2	6.730	5.685	25201690	12416545	155.035	179.454
28)	L6 AR-1254-3	7.103	6.106	13493681	21511674	81.815	201.543 #
29)	L6 AR-1254-4	7.395	6.320	8191193	2053528	74.884	34.868 #
30)	L6 AR-1254-5	7.824	6.740	86225650	39168363	612.838	430.348 #
31)	L7 AR-1260-1	7.272	6.222	57864554	29537038	439.181	391.014
32)	L7 AR-1260-2	7.536	6.411	64645544	34712783	435.950	396.202
33)	L7 AR-1260-3	7.904	6.565	43947311	32429191	388.009	374.085
34)	L7 AR-1260-4	8.134	7.041	52888150	23947546	426.638	357.599
35)	L7 AR-1260-5	8.469	7.283	89934964	52625182	405.008	369.818
36)	L8 AR-1262-1	7.824	6.740	86225650	39168363	798.016	843.967
37)	L8 AR-1262-2	8.469	7.283	89934964	52625182	376.741	356.688
38)	L8 AR-1262-3	8.803	7.569	60174654	10205757	355.967	163.300 #
39)	L8 AR-1262-4	8.872	7.632	36934517	37841677	363.044	345.395
40)	L8 AR-1262-5	9.576	8.131	23287333	12321615	260.398	239.133
41)	L9 AR-1268-1	8.803	7.569	60174654	10205757	190.220	56.087 #

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 ALS Vial : 8 Sample Multiplier: 1

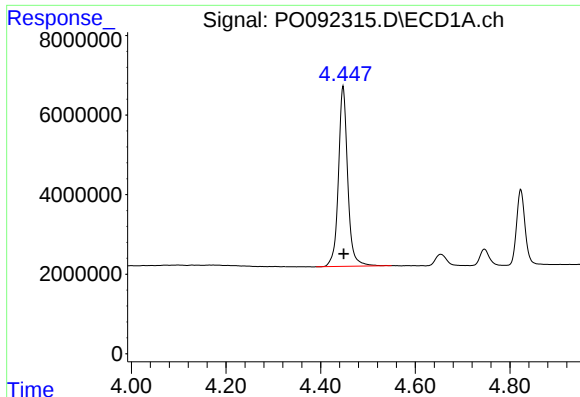
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 02 00:40:51 2023
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 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	8.872	7.632	36934517	37841677	122.364	228.670 #
43) L9	AR-1268-3	9.128	7.843	1270958	931911	5.021	6.276
44) L9	AR-1268-4	9.576	8.131	23287333	12321615	222.801	196.290
45) L9	AR-1268-5	10.012	8.426	7260519	4132998	9.174	9.765

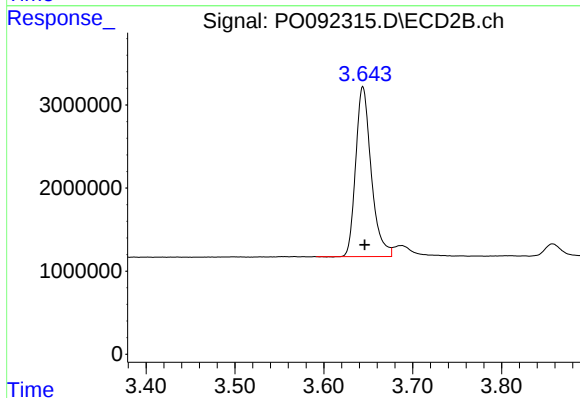
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

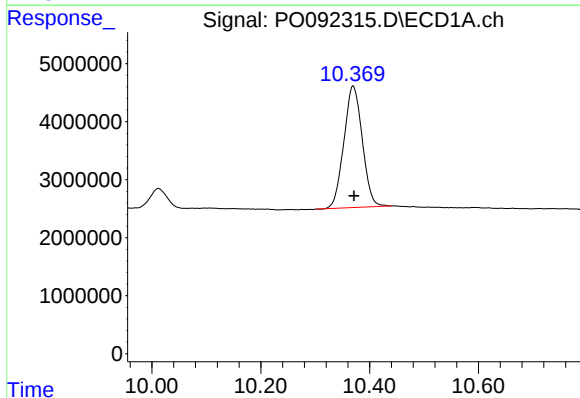
R.T.: 4.448 min
Delta R.T.: -0.001 min
Response: 61709274
Conc: 21.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



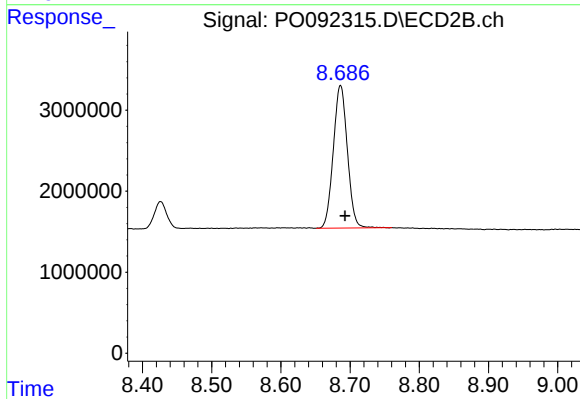
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.002 min
Response: 24809517
Conc: 17.67 ng/ml



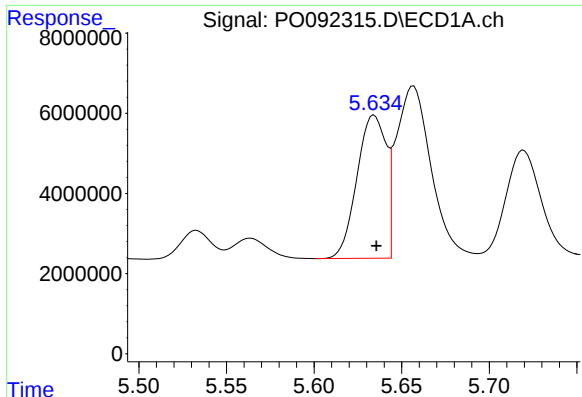
#2 Decachlorobiphenyl

R.T.: 10.370 min
Delta R.T.: -0.002 min
Response: 49182658
Conc: 23.83 ng/ml



#2 Decachlorobiphenyl

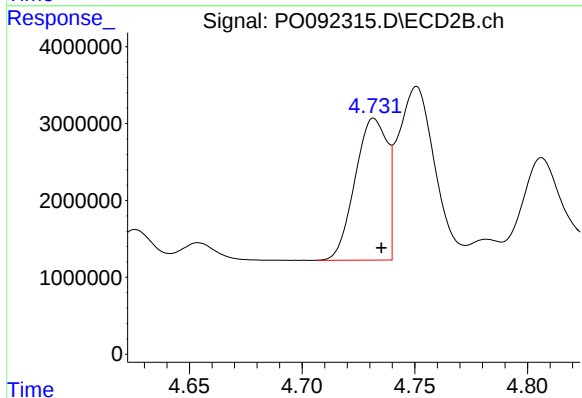
R.T.: 8.686 min
Delta R.T.: -0.007 min
Response: 24847404
Conc: 22.01 ng/ml



#3 AR-1016-1

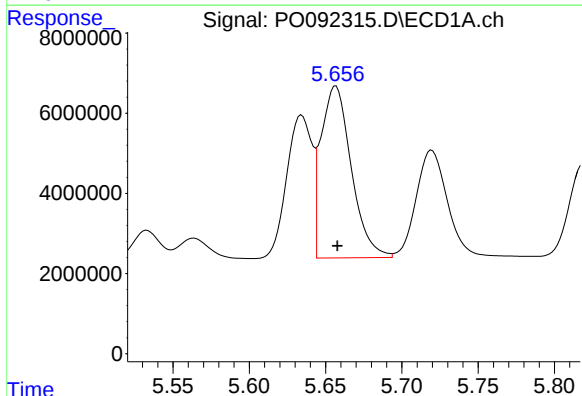
R.T.: 5.634 min
Delta R.T.: -0.001 min
Response: 41244793
Conc: 450.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



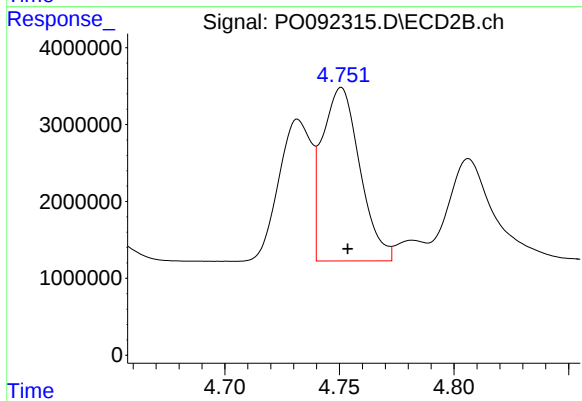
#3 AR-1016-1

R.T.: 4.732 min
Delta R.T.: -0.003 min
Response: 18297033
Conc: 398.10 ng/ml



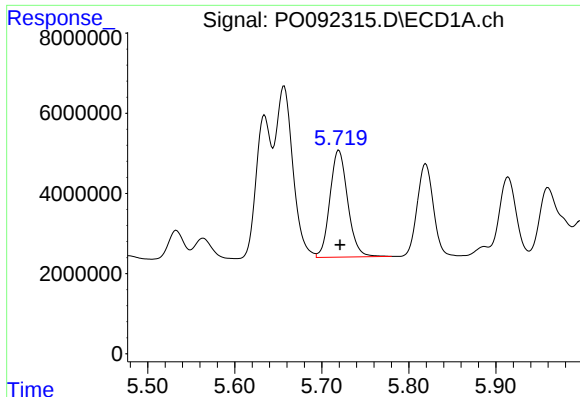
#4 AR-1016-2

R.T.: 5.657 min
Delta R.T.: -0.001 min
Response: 59382382
Conc: 443.45 ng/ml



#4 AR-1016-2

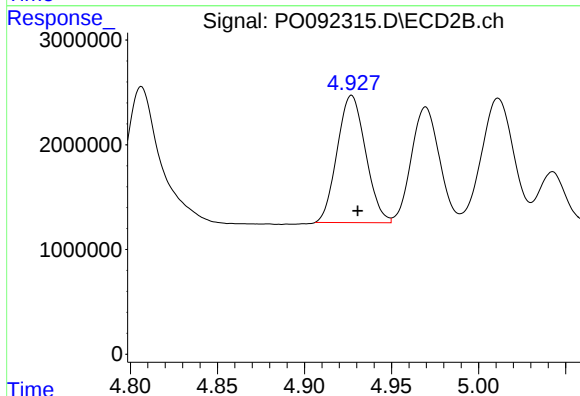
R.T.: 4.751 min
Delta R.T.: -0.003 min
Response: 25706505
Conc: 392.00 ng/ml



#5 AR-1016-3

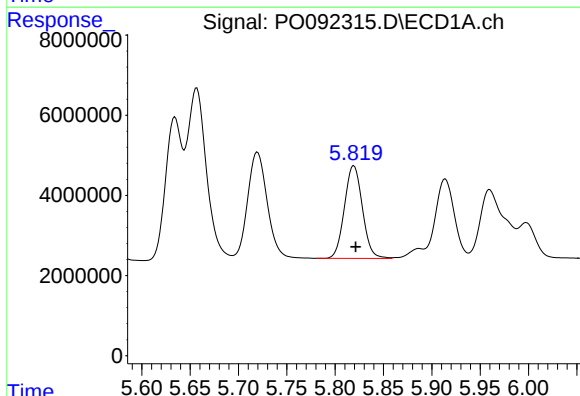
R.T.: 5.720 min
Delta R.T.: -0.001 min
Response: 37936065
Conc: 440.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



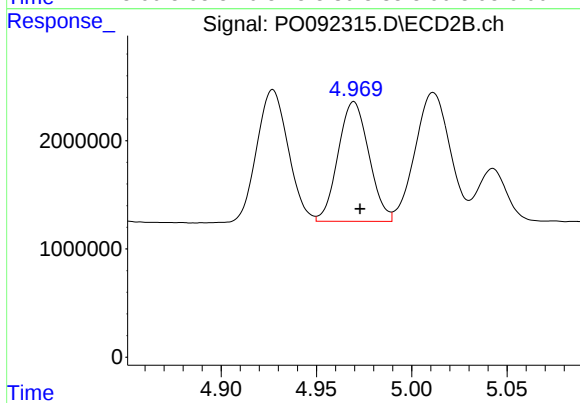
#5 AR-1016-3

R.T.: 4.927 min
Delta R.T.: -0.004 min
Response: 13807474
Conc: 390.54 ng/ml



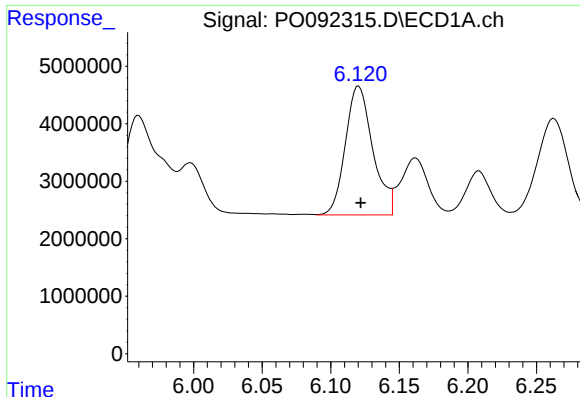
#6 AR-1016-4

R.T.: 5.819 min
Delta R.T.: -0.002 min
Response: 29880124
Conc: 448.21 ng/ml



#6 AR-1016-4

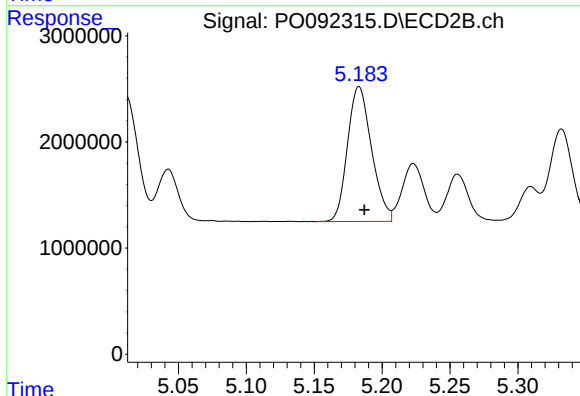
R.T.: 4.970 min
Delta R.T.: -0.003 min
Response: 12443742
Conc: 400.03 ng/ml



#7 AR-1016-5

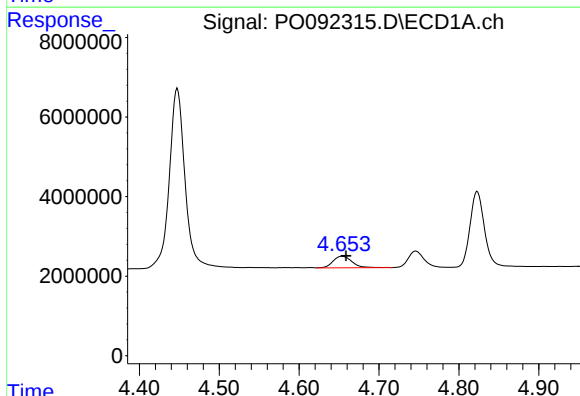
R.T.: 6.120 min
Delta R.T.: -0.001 min
Response: 31182224
Conc: 433.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



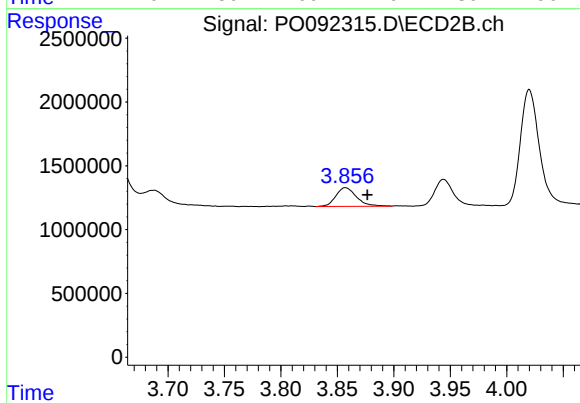
#7 AR-1016-5

R.T.: 5.183 min
Delta R.T.: -0.004 min
Response: 15696125
Conc: 394.71 ng/ml



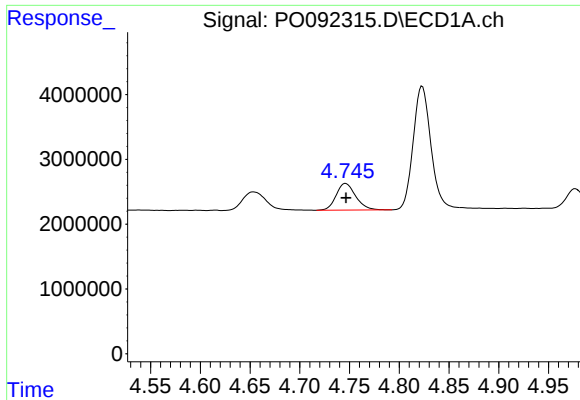
#8 AR-1221-1

R.T.: 4.654 min
Delta R.T.: -0.005 min
Response: 4748559
Conc: 125.61 ng/ml



#8 AR-1221-1

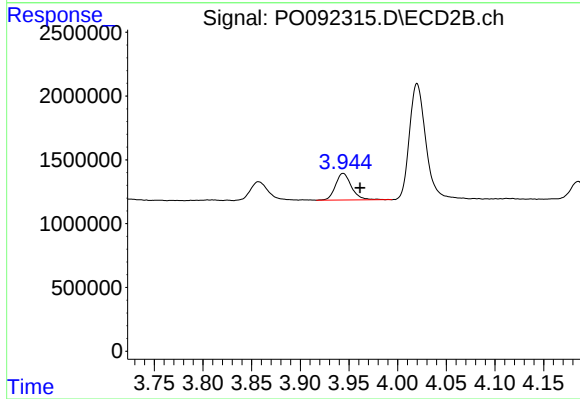
R.T.: 3.857 min
Delta R.T.: -0.019 min
Response: 1886687
Conc: 99.66 ng/ml



#9 AR-1221-2

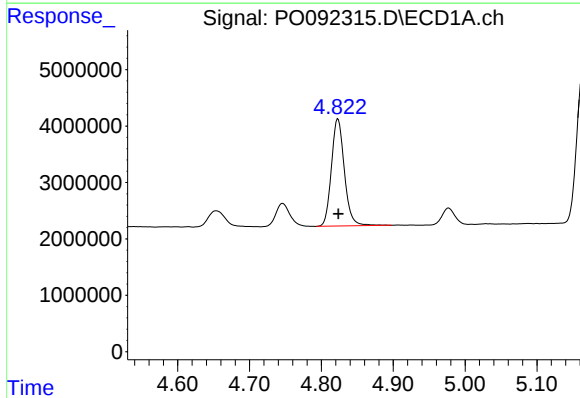
R.T.: 4.746 min
Delta R.T.: 0.000 min
Response: 5612418
Conc: 202.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



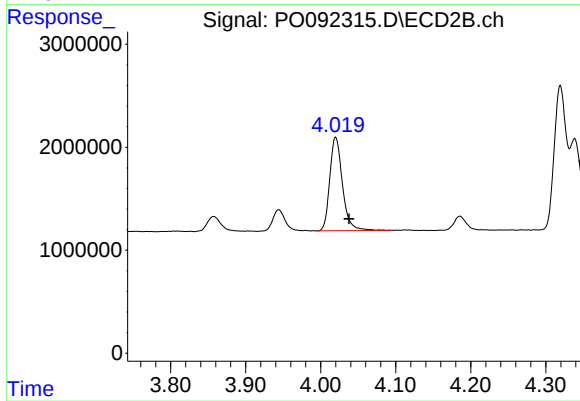
#9 AR-1221-2

R.T.: 3.944 min
Delta R.T.: -0.017 min
Response: 2389460
Conc: 170.02 ng/ml



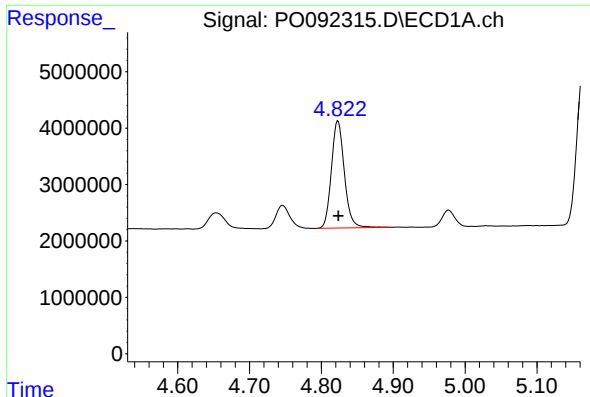
#10 AR-1221-3

R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 23823151
Conc: 282.32 ng/ml



#10 AR-1221-3

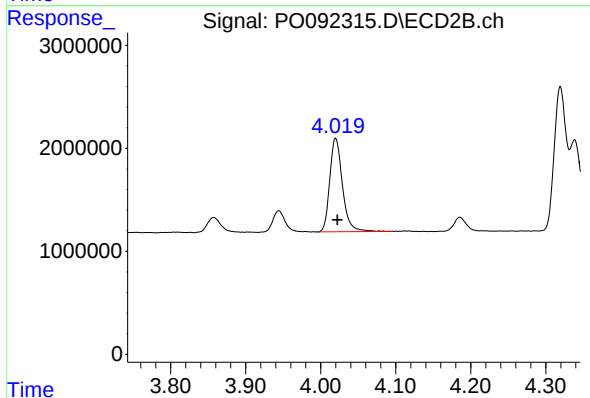
R.T.: 4.020 min
Delta R.T.: -0.018 min
Response: 10682986
Conc: 255.11 ng/ml



#11 AR-1232-1

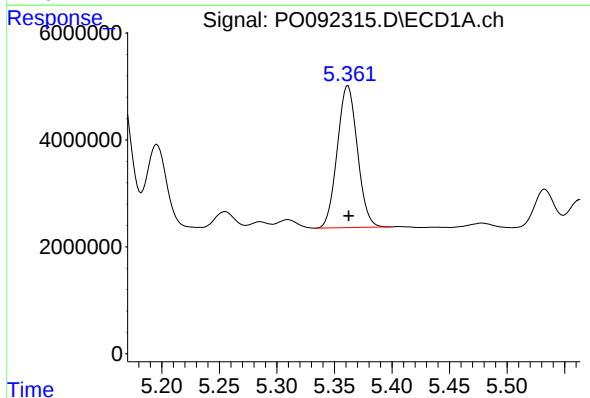
R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 23823151
Conc: 344.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



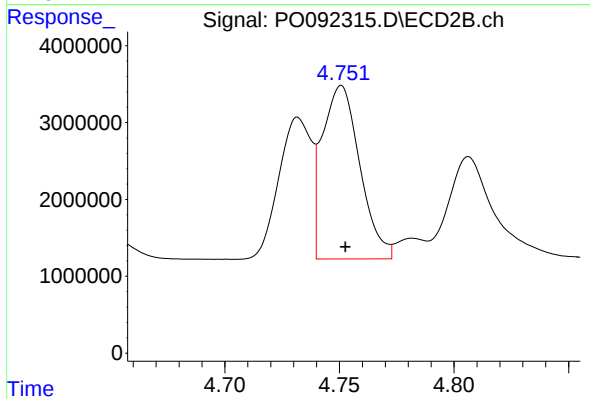
#11 AR-1232-1

R.T.: 4.020 min
Delta R.T.: -0.002 min
Response: 10682986
Conc: 303.71 ng/ml



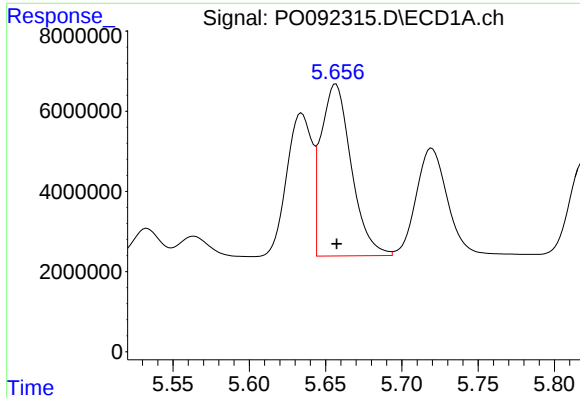
#12 AR-1232-2

R.T.: 5.362 min
Delta R.T.: 0.000 min
Response: 32425749
Conc: 928.07 ng/ml



#12 AR-1232-2

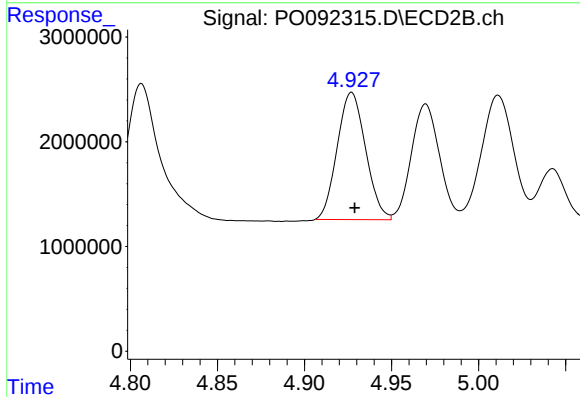
R.T.: 4.751 min
Delta R.T.: -0.002 min
Response: 25706505
Conc: 838.57 ng/ml



#13 AR-1232-3

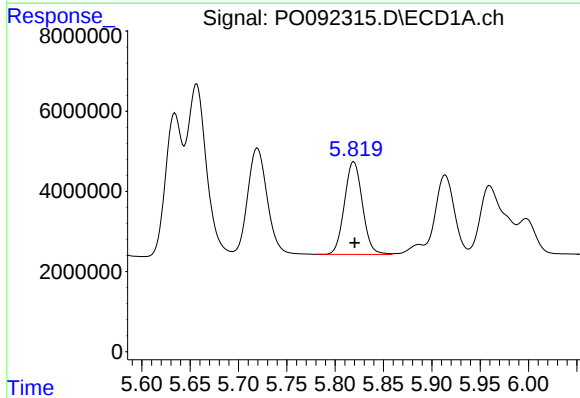
R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 59382382
Conc: 969.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



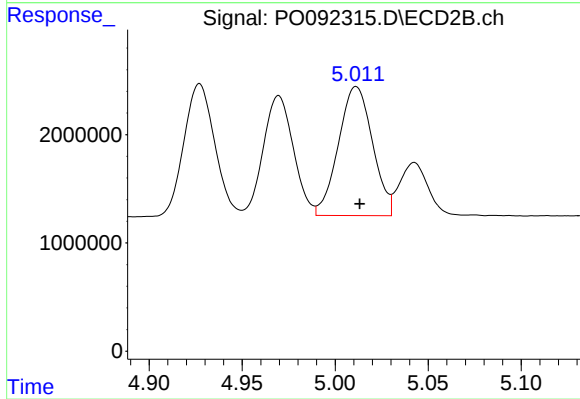
#13 AR-1232-3

R.T.: 4.927 min
Delta R.T.: -0.002 min
Response: 13807474
Conc: 857.63 ng/ml



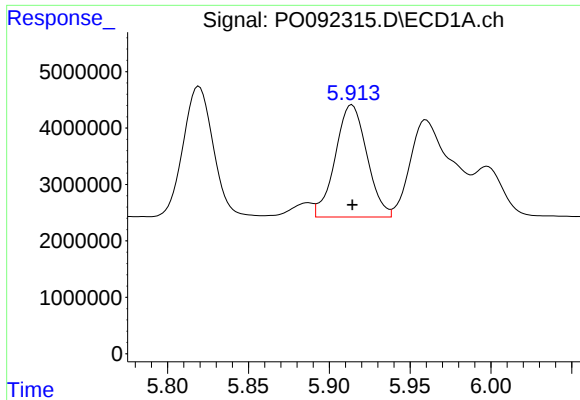
#14 AR-1232-4

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 29880124
Conc: 996.98 ng/ml



#14 AR-1232-4

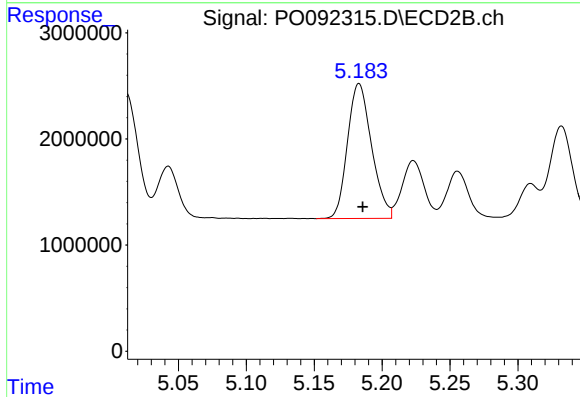
R.T.: 5.011 min
Delta R.T.: -0.002 min
Response: 15229717
Conc: 932.43 ng/ml



#15 AR-1232-5

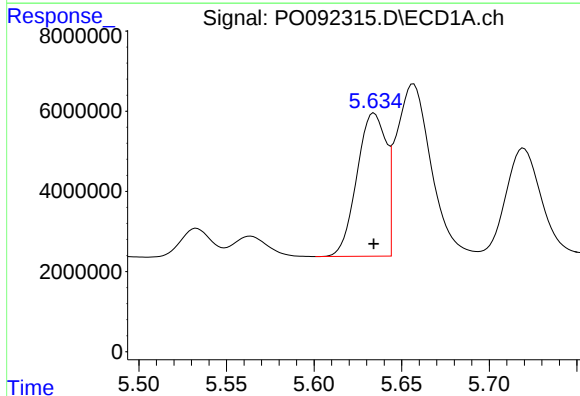
R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 27064269
Conc: 1095.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



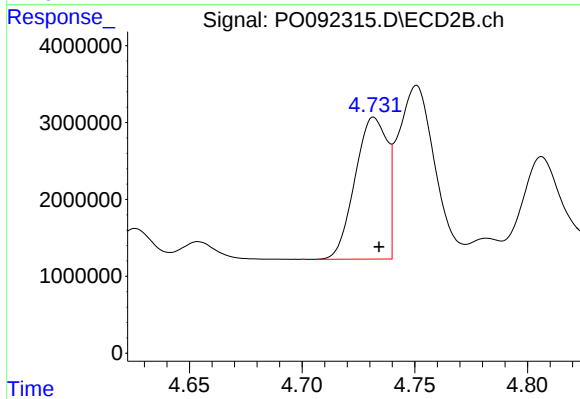
#15 AR-1232-5

R.T.: 5.183 min
Delta R.T.: -0.003 min
Response: 15696125
Conc: 877.53 ng/ml



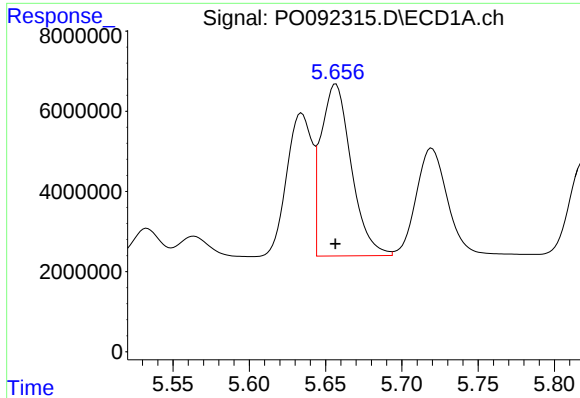
#16 AR-1242-1

R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 41244793
Conc: 528.86 ng/ml



#16 AR-1242-1

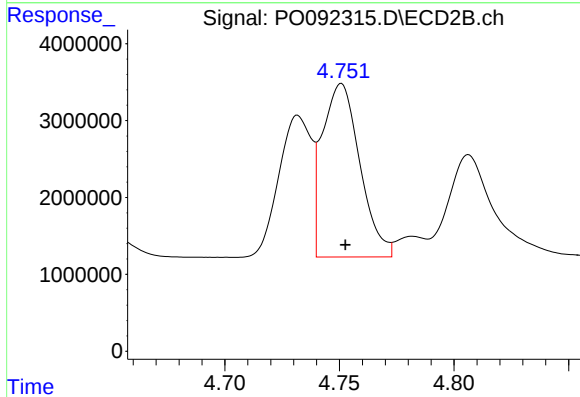
R.T.: 4.732 min
Delta R.T.: -0.002 min
Response: 18297033
Conc: 469.12 ng/ml



#17 AR-1242-2

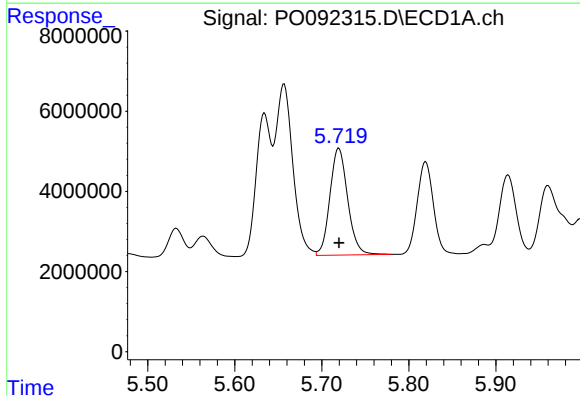
R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 59382382
Conc: 527.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



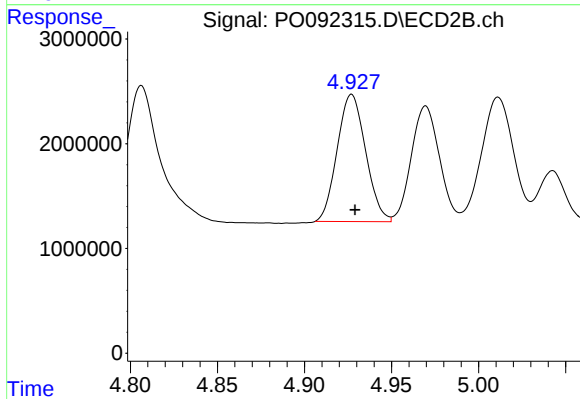
#17 AR-1242-2

R.T.: 4.751 min
Delta R.T.: -0.002 min
Response: 25706505
Conc: 473.32 ng/ml



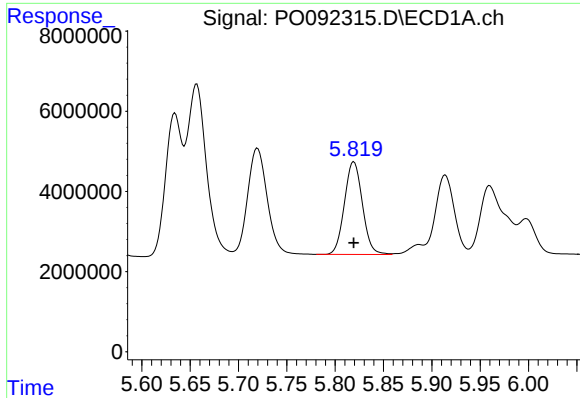
#18 AR-1242-3

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 37936065
Conc: 522.59 ng/ml



#18 AR-1242-3

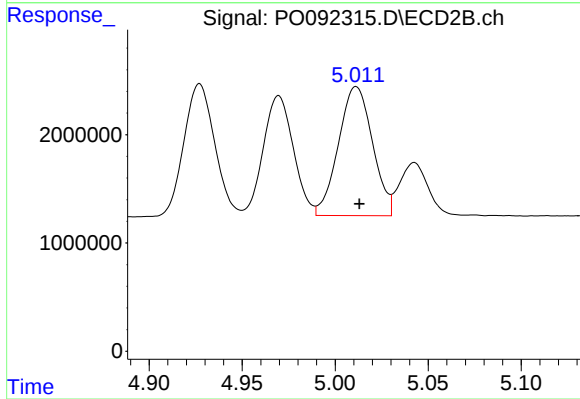
R.T.: 4.927 min
Delta R.T.: -0.002 min
Response: 13807474
Conc: 474.09 ng/ml



#19 AR-1242-4

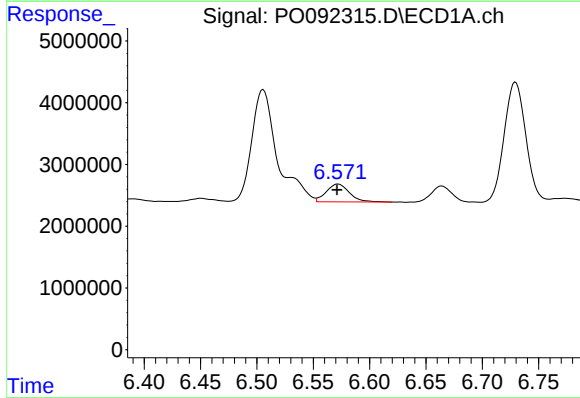
R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 29880124
Conc: 539.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



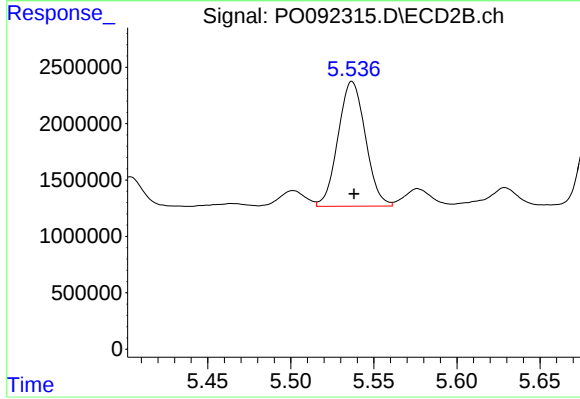
#19 AR-1242-4

R.T.: 5.011 min
Delta R.T.: -0.002 min
Response: 15229717
Conc: 473.47 ng/ml



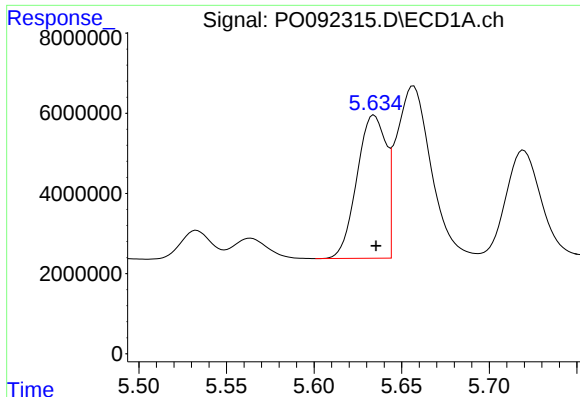
#20 AR-1242-5

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 4110606
Conc: 73.64 ng/ml



#20 AR-1242-5

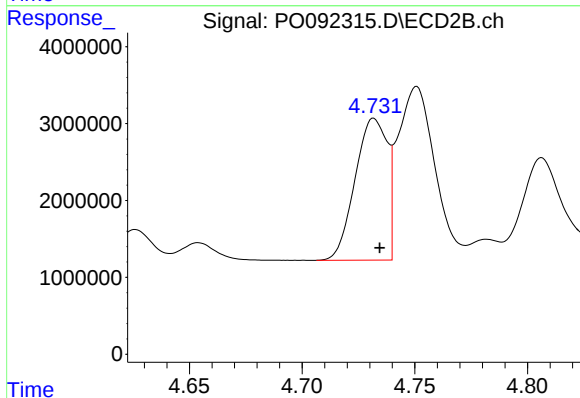
R.T.: 5.537 min
Delta R.T.: -0.001 min
Response: 12702068
Conc: 350.87 ng/ml



#21 AR-1248-1

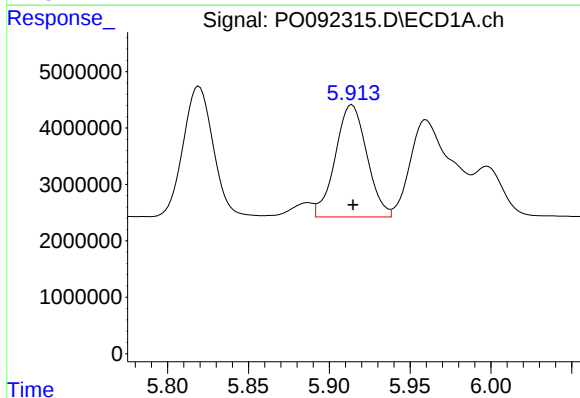
R.T.: 5.634 min
Delta R.T.: -0.001 min
Response: 41244793
Conc: 710.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



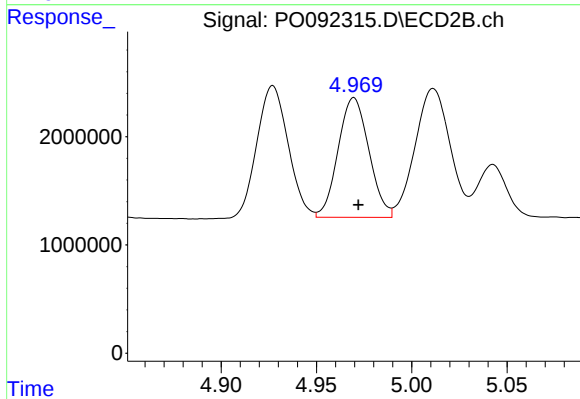
#21 AR-1248-1

R.T.: 4.732 min
Delta R.T.: -0.003 min
Response: 18297033
Conc: 628.06 ng/ml



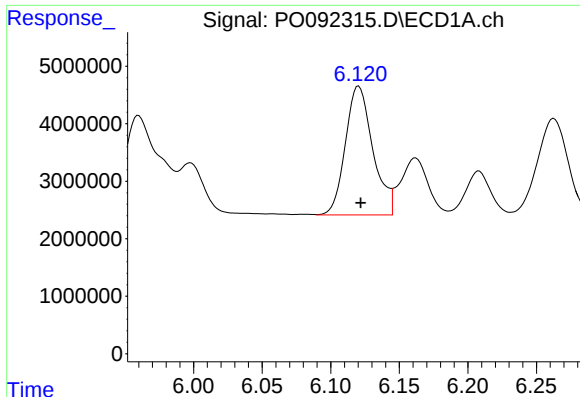
#22 AR-1248-2

R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 27064269
Conc: 296.16 ng/ml



#22 AR-1248-2

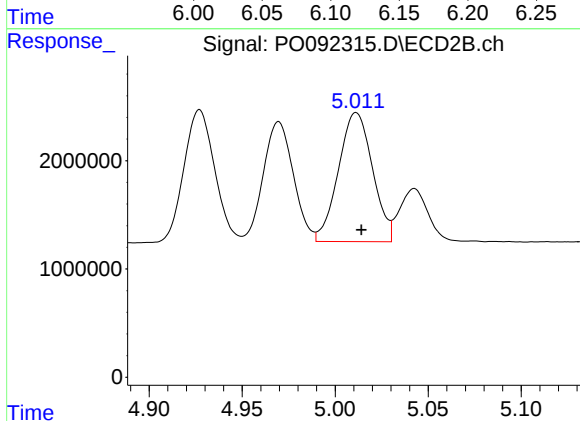
R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 12443742
Conc: 275.81 ng/ml



#23 AR-1248-3

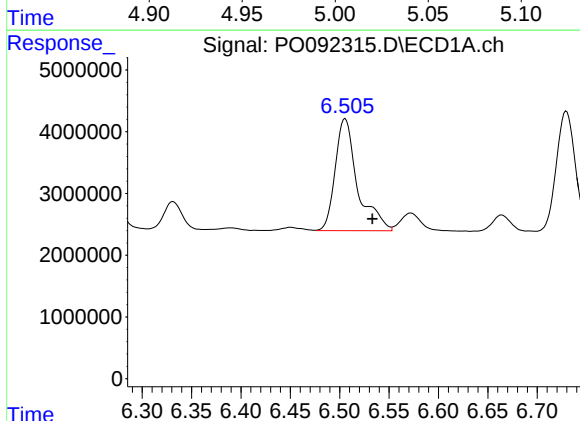
R.T.: 6.120 min
Delta R.T.: -0.001 min
Response: 31182224
Conc: 317.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



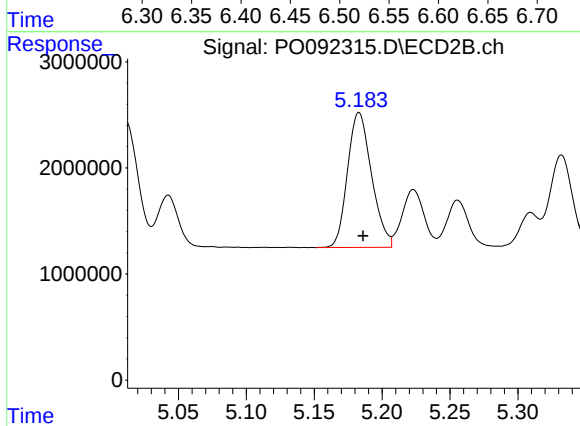
#23 AR-1248-3

R.T.: 5.011 min
Delta R.T.: -0.003 min
Response: 15229717
Conc: 326.54 ng/ml



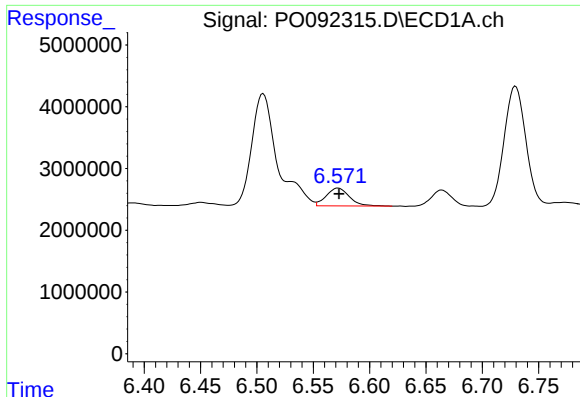
#24 AR-1248-4

R.T.: 6.506 min
Delta R.T.: -0.028 min
Response: 28617036
Conc: 292.28 ng/ml



#24 AR-1248-4

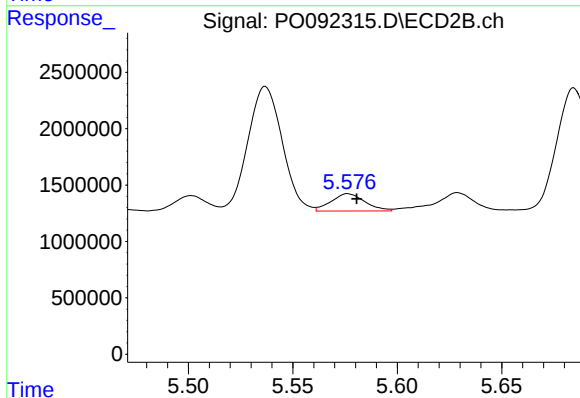
R.T.: 5.183 min
Delta R.T.: -0.003 min
Response: 15696125
Conc: 292.13 ng/ml



#25 AR-1248-5

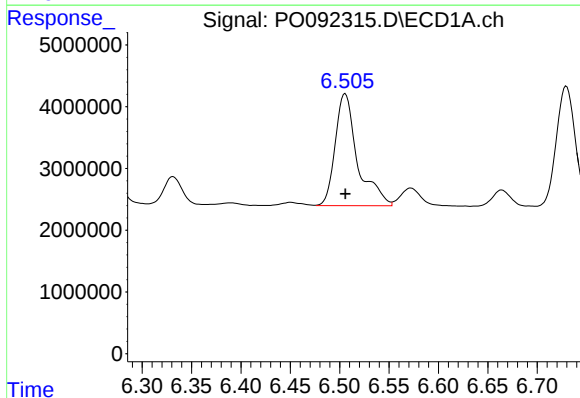
R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 4110606
Conc: 43.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



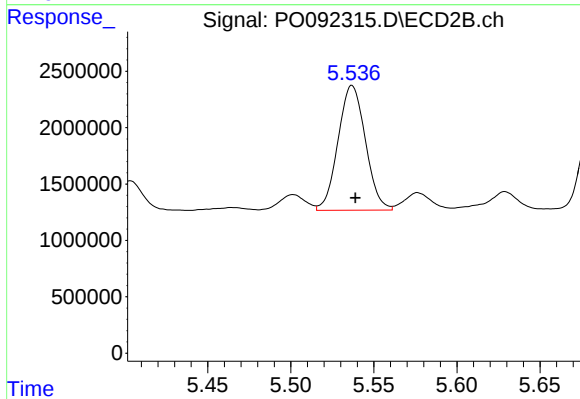
#25 AR-1248-5

R.T.: 5.576 min
Delta R.T.: -0.004 min
Response: 1741836
Conc: 36.79 ng/ml



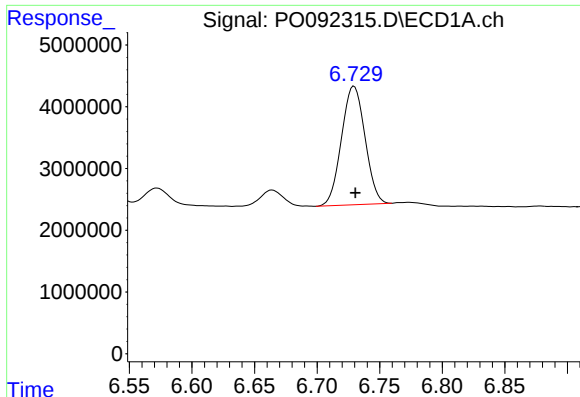
#26 AR-1254-1

R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 28617036
Conc: 258.47 ng/ml



#26 AR-1254-1

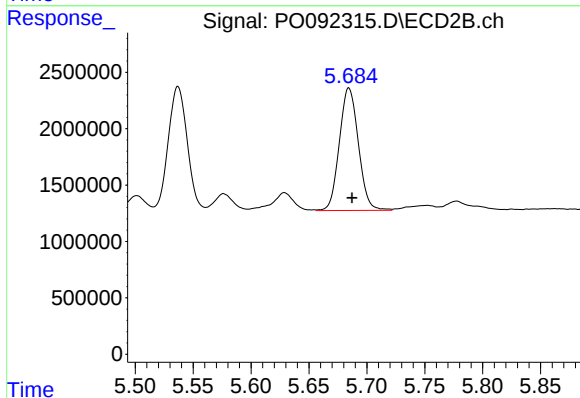
R.T.: 5.537 min
Delta R.T.: -0.002 min
Response: 12702068
Conc: 162.04 ng/ml



#27 AR-1254-2

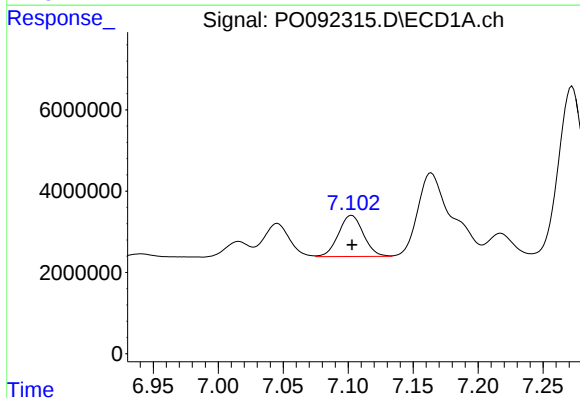
R.T.: 6.730 min
Delta R.T.: -0.001 min
Response: 25201690
Conc: 155.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



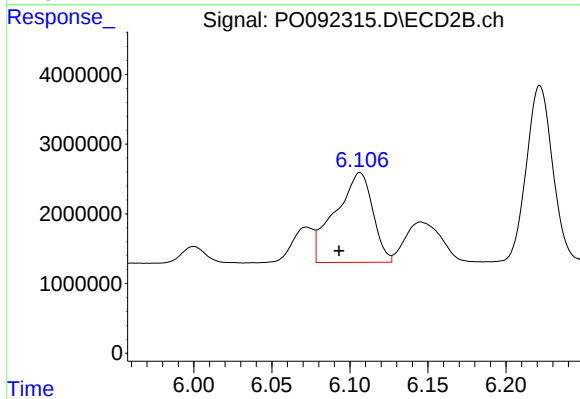
#27 AR-1254-2

R.T.: 5.685 min
Delta R.T.: -0.003 min
Response: 12416545
Conc: 179.45 ng/ml



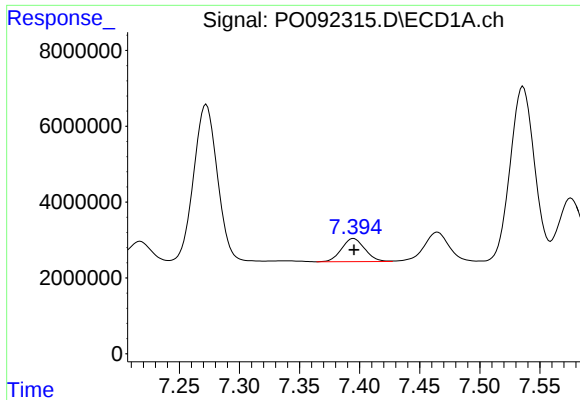
#28 AR-1254-3

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 13493681
Conc: 81.81 ng/ml



#28 AR-1254-3

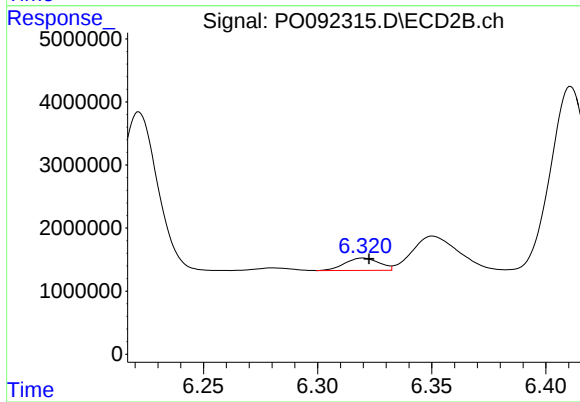
R.T.: 6.106 min
Delta R.T.: 0.013 min
Response: 21511674
Conc: 201.54 ng/ml



#29 AR-1254-4

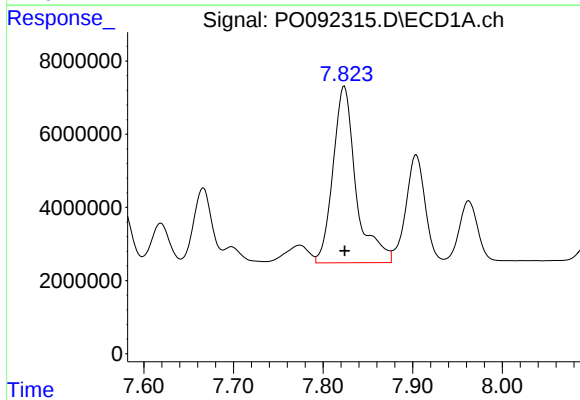
R.T.: 7.395 min
Delta R.T.: 0.000 min
Response: 8191193
Conc: 74.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



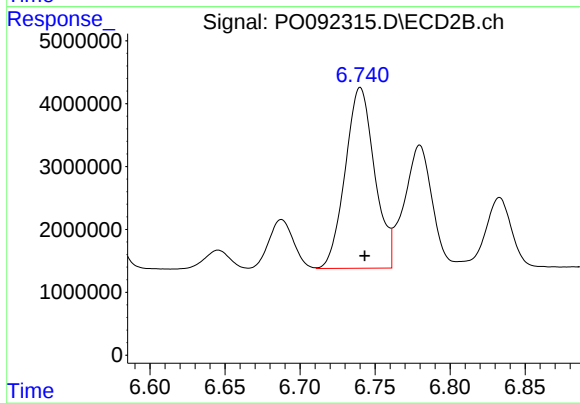
#29 AR-1254-4

R.T.: 6.320 min
Delta R.T.: -0.003 min
Response: 2053528
Conc: 34.87 ng/ml



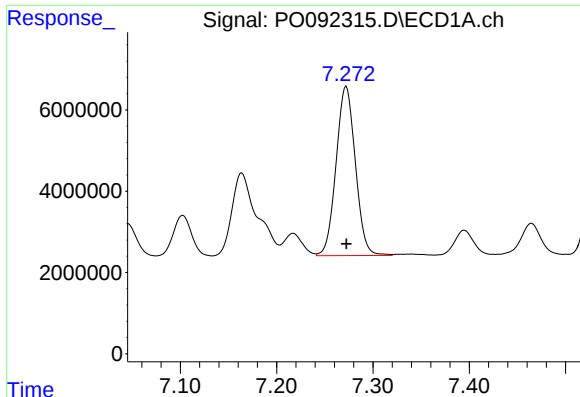
#30 AR-1254-5

R.T.: 7.824 min
Delta R.T.: 0.000 min
Response: 86225650
Conc: 612.84 ng/ml



#30 AR-1254-5

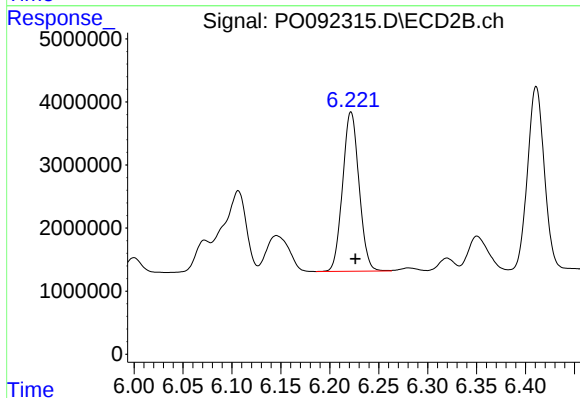
R.T.: 6.740 min
Delta R.T.: -0.003 min
Response: 39168363
Conc: 430.35 ng/ml



#31 AR-1260-1

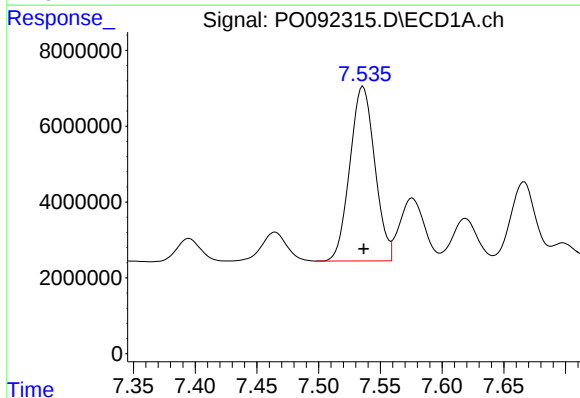
R.T.: 7.272 min
Delta R.T.: 0.000 min
Response: 57864554
Conc: 439.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



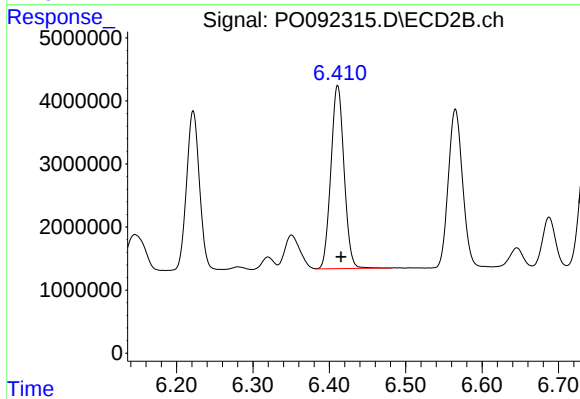
#31 AR-1260-1

R.T.: 6.222 min
Delta R.T.: -0.004 min
Response: 29537038
Conc: 391.01 ng/ml



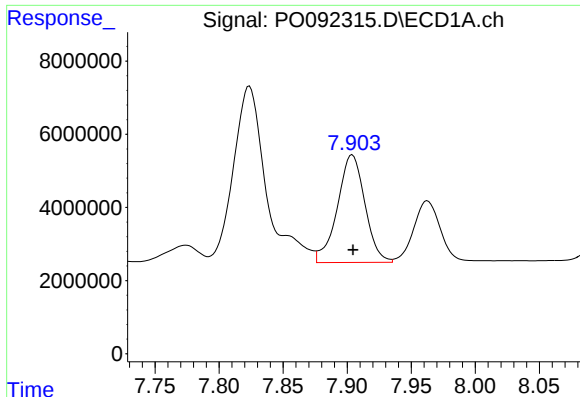
#32 AR-1260-2

R.T.: 7.536 min
Delta R.T.: 0.000 min
Response: 64645544
Conc: 435.95 ng/ml



#32 AR-1260-2

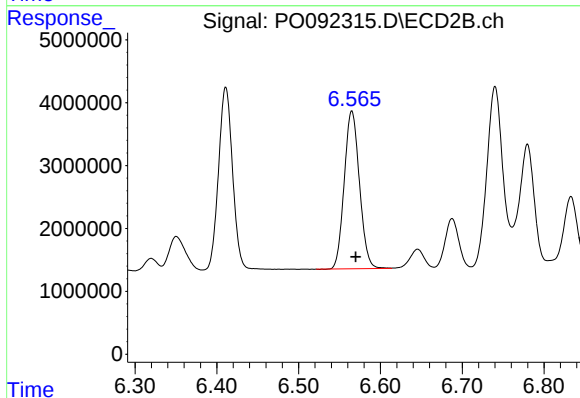
R.T.: 6.411 min
Delta R.T.: -0.004 min
Response: 34712783
Conc: 396.20 ng/ml



#33 AR-1260-3

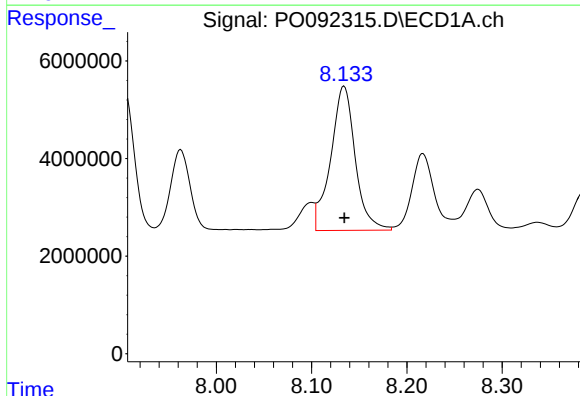
R.T.: 7.904 min
Delta R.T.: 0.000 min
Response: 43947311
Conc: 388.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



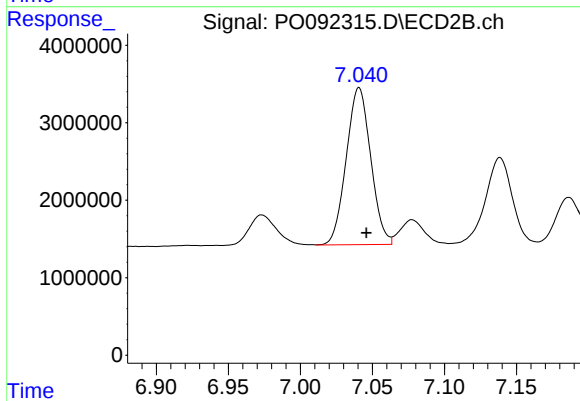
#33 AR-1260-3

R.T.: 6.565 min
Delta R.T.: -0.005 min
Response: 32429191
Conc: 374.09 ng/ml



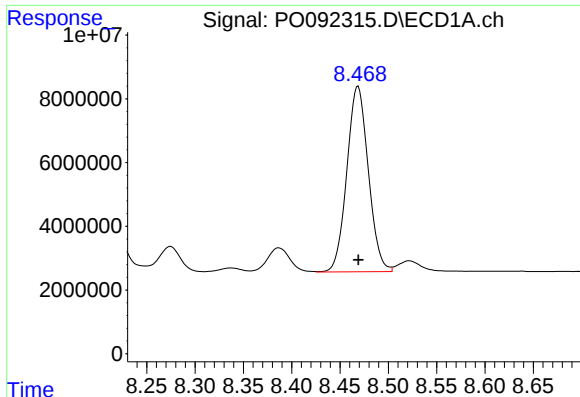
#34 AR-1260-4

R.T.: 8.134 min
Delta R.T.: 0.000 min
Response: 52888150
Conc: 426.64 ng/ml



#34 AR-1260-4

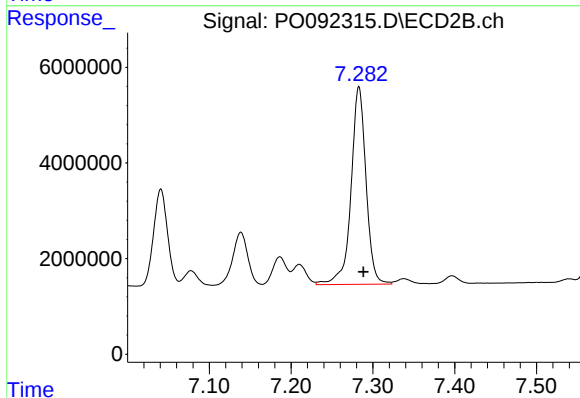
R.T.: 7.041 min
Delta R.T.: -0.005 min
Response: 23947546
Conc: 357.60 ng/ml



#35 AR-1260-5

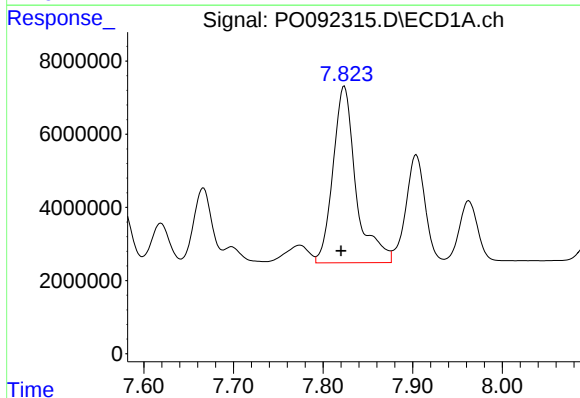
R.T.: 8.469 min
Delta R.T.: 0.000 min
Response: 89934964
Conc: 405.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



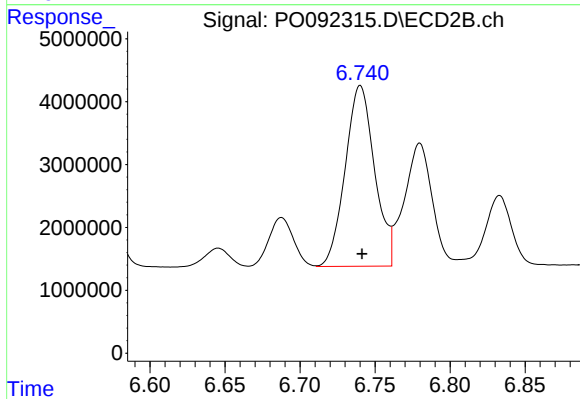
#35 AR-1260-5

R.T.: 7.283 min
Delta R.T.: -0.005 min
Response: 52625182
Conc: 369.82 ng/ml



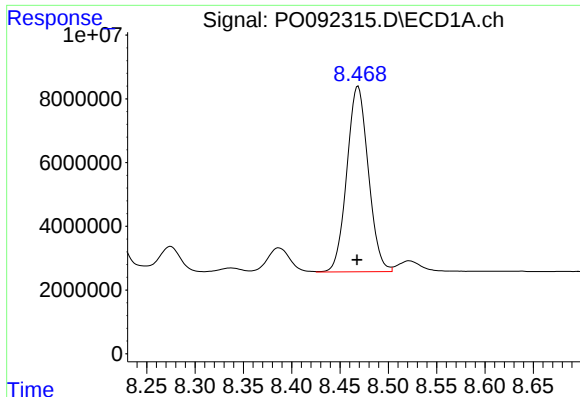
#36 AR-1262-1

R.T.: 7.824 min
Delta R.T.: 0.004 min
Response: 86225650
Conc: 798.02 ng/ml



#36 AR-1262-1

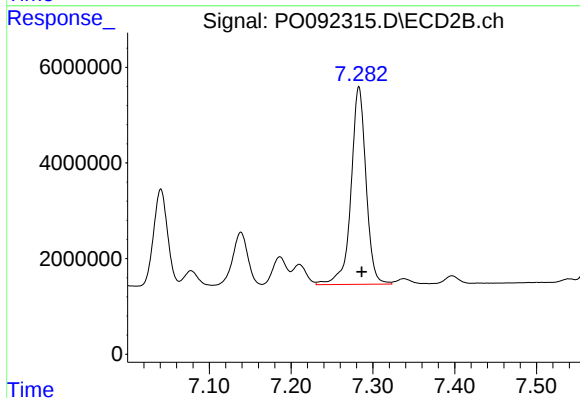
R.T.: 6.740 min
Delta R.T.: -0.001 min
Response: 39168363
Conc: 843.97 ng/ml



#37 AR-1262-2

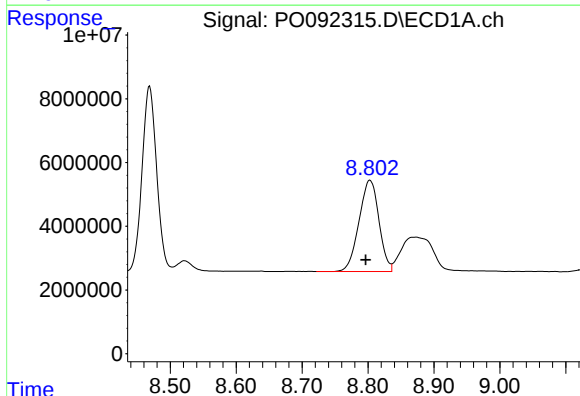
R.T.: 8.469 min
Delta R.T.: 0.000 min
Response: 89934964
Conc: 376.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



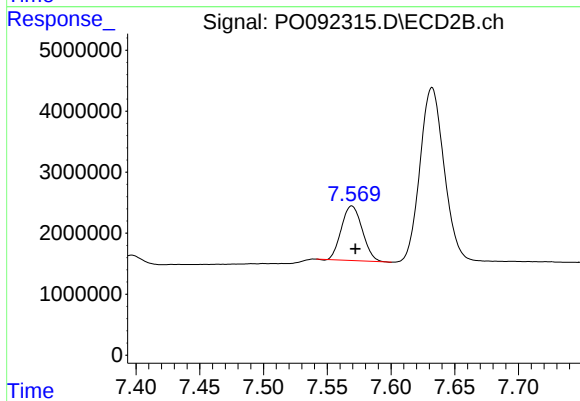
#37 AR-1262-2

R.T.: 7.283 min
Delta R.T.: -0.003 min
Response: 52625182
Conc: 356.69 ng/ml



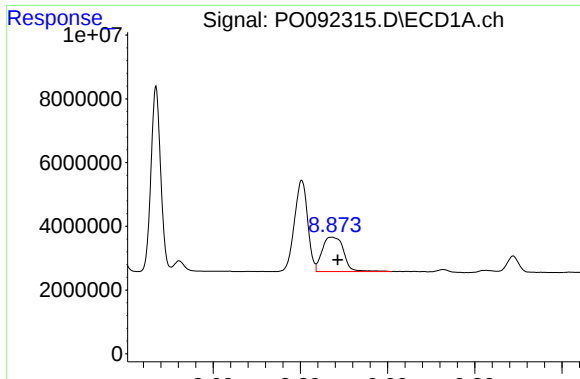
#38 AR-1262-3

R.T.: 8.803 min
Delta R.T.: 0.006 min
Response: 60174654
Conc: 355.97 ng/ml



#38 AR-1262-3

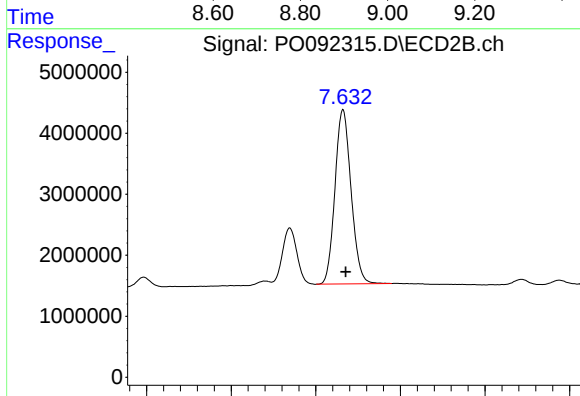
R.T.: 7.569 min
Delta R.T.: -0.003 min
Response: 10205757
Conc: 163.30 ng/ml



#39 AR-1262-4

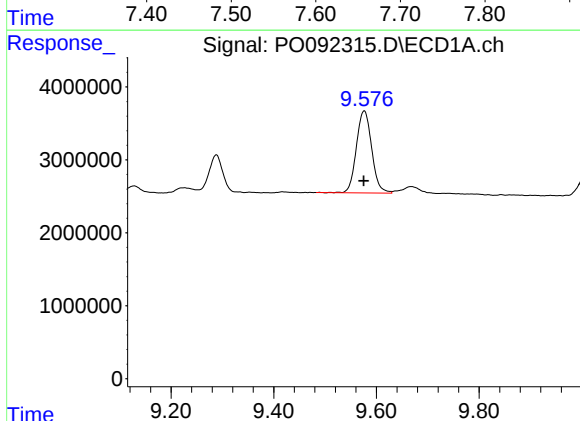
R.T.: 8.872 min
Delta R.T.: -0.014 min
Response: 36934517
Conc: 363.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



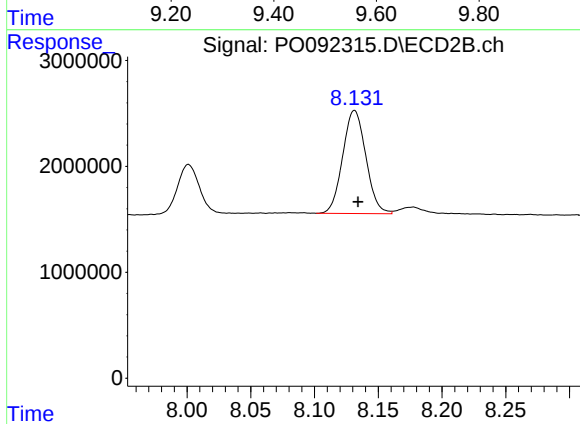
#39 AR-1262-4

R.T.: 7.632 min
Delta R.T.: -0.003 min
Response: 37841677
Conc: 345.39 ng/ml



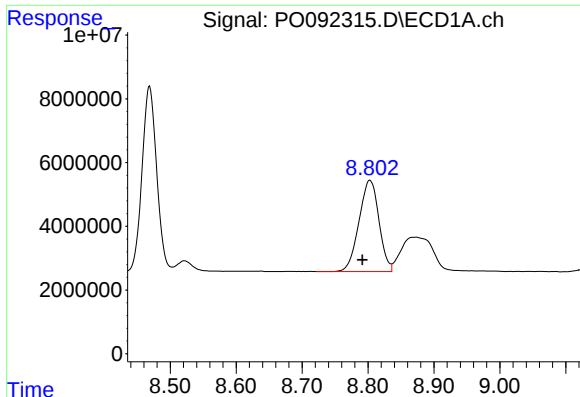
#40 AR-1262-5

R.T.: 9.576 min
Delta R.T.: 0.001 min
Response: 23287333
Conc: 260.40 ng/ml



#40 AR-1262-5

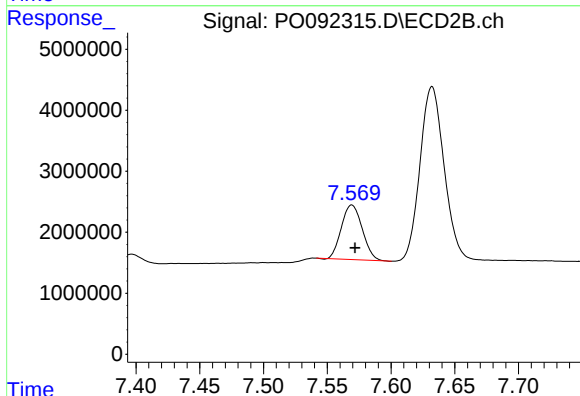
R.T.: 8.131 min
Delta R.T.: -0.003 min
Response: 12321615
Conc: 239.13 ng/ml



#41 AR-1268-1

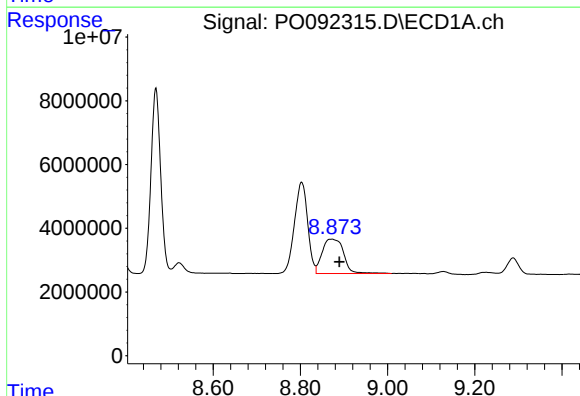
R.T.: 8.803 min
Delta R.T.: 0.011 min
Response: 60174654
Conc: 190.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



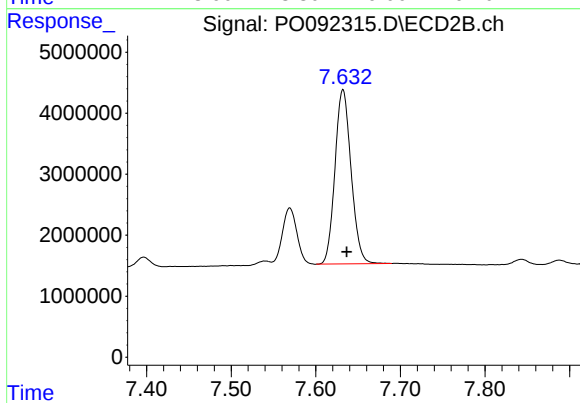
#41 AR-1268-1

R.T.: 7.569 min
Delta R.T.: -0.003 min
Response: 10205757
Conc: 56.09 ng/ml



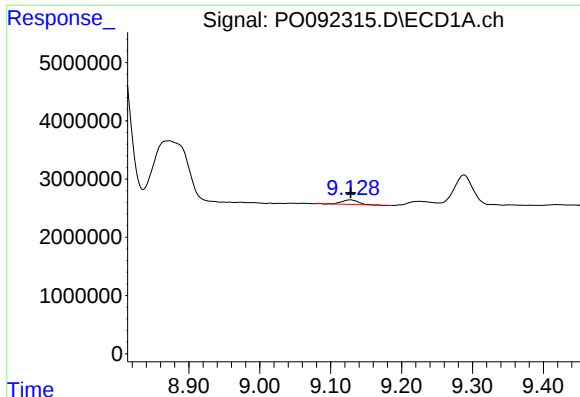
#42 AR-1268-2

R.T.: 8.872 min
Delta R.T.: -0.018 min
Response: 36934517
Conc: 122.36 ng/ml



#42 AR-1268-2

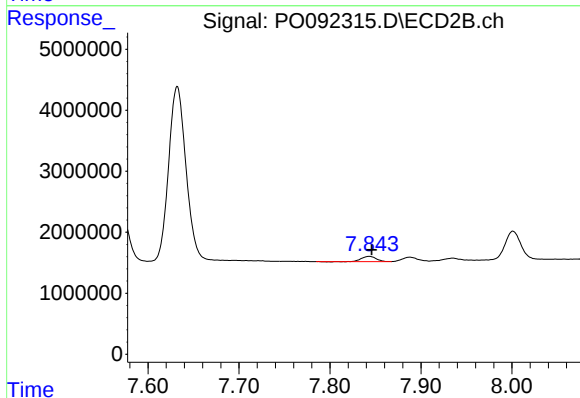
R.T.: 7.632 min
Delta R.T.: -0.004 min
Response: 37841677
Conc: 228.67 ng/ml



#43 AR-1268-3

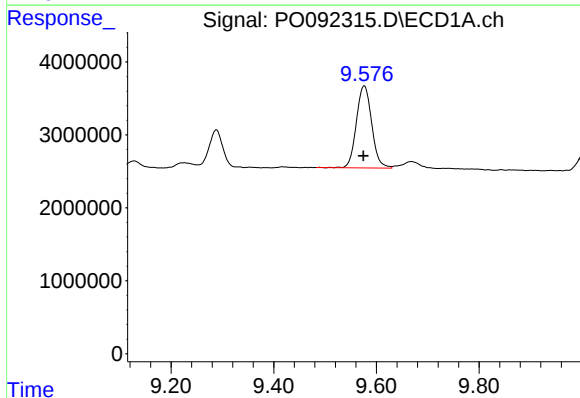
R.T.: 9.128 min
Delta R.T.: 0.000 min
Response: 1270958
Conc: 5.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



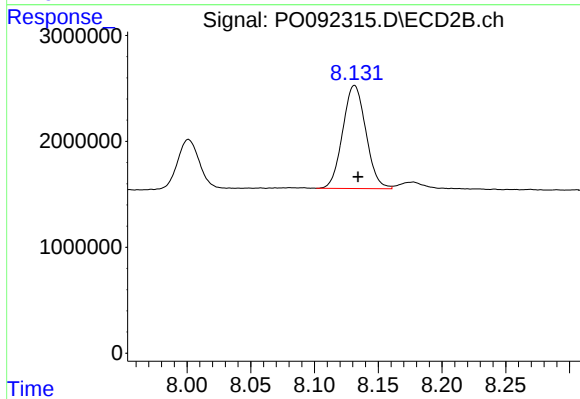
#43 AR-1268-3

R.T.: 7.843 min
Delta R.T.: -0.003 min
Response: 931911
Conc: 6.28 ng/ml



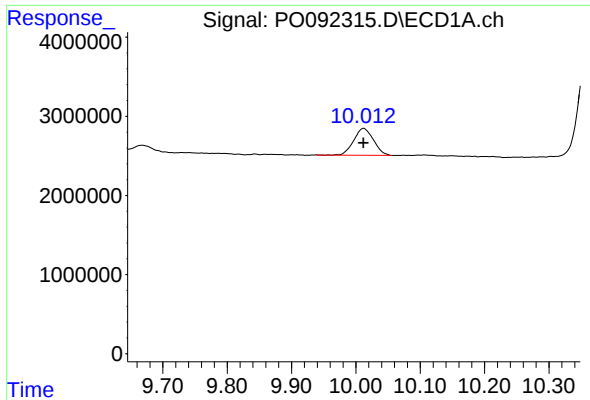
#44 AR-1268-4

R.T.: 9.576 min
Delta R.T.: 0.002 min
Response: 23287333
Conc: 222.80 ng/ml



#44 AR-1268-4

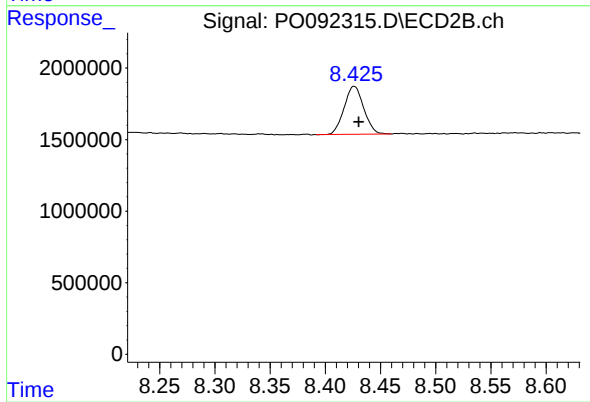
R.T.: 8.131 min
Delta R.T.: -0.003 min
Response: 12321615
Conc: 196.29 ng/ml



#45 AR-1268-5

R.T.: 10.012 min
Delta R.T.: 0.000 min
Response: 7260519
Conc: 9.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.426 min
Delta R.T.: -0.004 min
Response: 4132998
Conc: 9.77 ng/ml