

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0072123\
 Data File : P0096241.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2023 14:53
 Operator : YP/AJ
 Sample : 03698-02
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 20:12:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0072123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 22 12:20:47 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...	4.410	3.628	24896144	10203208	7.907	7.774
2)	SA Decachlor...	10.239	8.663	12972676	7629363	6.593	7.003
Target Compounds							
3)	L1 AR-1016-1	5.618	4.747	1570658	436311	18.882	10.694 #
4)	L1 AR-1016-2	5.618	4.747	1570658	436311	13.400	7.705 #
5)	L1 AR-1016-3	5.670	4.918	312340	212949	4.170	6.910 #
6)	L1 AR-1016-4	5.754	4.956	73587	2121805	1.218	74.922 #
7)	L1 AR-1016-5	6.073	5.170	1844336	1449351	28.655	42.427 #
8)	L2 AR-1221-1	4.615	3.791f	132386	177237	3.593	10.299 #
9)	L2 AR-1221-2	4.720	3.932	245146	184520	8.814	14.313 #
10)	L2 AR-1221-3	4.784	4.050f	32990	323456	0.409	8.439 #
11)	L3 AR-1232-1	4.784	4.050f	32990	323456	0.507	10.388 #
12)	L3 AR-1232-2	5.336	4.747	524653	436311	14.144	16.420
13)	L3 AR-1232-3	5.618	4.918	1570658	212949	29.171	15.182 #
14)	L3 AR-1232-4	5.754	4.997	73587	678627	2.679	49.121 #
15)	L3 AR-1232-5	5.869	5.170	4379591	1449351	173.242	86.520 #
16)	L4 AR-1242-1	5.618	4.747	1570658	436311	20.845	11.834 #
17)	L4 AR-1242-2	5.618	4.747	1570658	436311	14.822	8.663 #
18)	L4 AR-1242-3	5.670	4.918	312340	212949	4.700	7.592 #
19)	L4 AR-1242-4	5.754	4.997	73587	678627	1.353	22.716 #
20)	L4 AR-1242-5	6.528	5.524	11956845	12868519	208.773	375.039 #
21)	L5 AR-1248-1	5.618	4.747	1570658	436311	29.337	16.595 #
22)	L5 AR-1248-2	5.869	4.956	4379591	2121805	49.767	53.496
23)	L5 AR-1248-3	6.073	4.997	1844336	678627	19.953	16.235
24)	L5 AR-1248-4	6.457	5.170	26377591	1449351	306.982	30.455 #
25)	L5 AR-1248-5	6.528	5.565	11956845	1367696	132.202	31.188 #
26)	L6 AR-1254-1	6.457	5.524	26377591	12868519	263.979	186.990 #
27)	L6 AR-1254-2	6.676	5.672	33364449	14190525	230.572	233.692
28)	L6 AR-1254-3	7.045	6.079	39149439	32432272	271.895	347.828 #
29)	L6 AR-1254-4	7.332	6.308	22291835	12742742	240.403	228.080
30)	L6 AR-1254-5	7.754	6.727	63734414	38815944	620.038	487.392
31)	L7 AR-1260-1	7.211	6.209	38189067	24811110	289.247	368.739 #
32)	L7 AR-1260-2	7.468	6.398	49854456	27685741	405.779	357.668
33)	L7 AR-1260-3	7.754	6.552	63734414	25289611	473.980	311.049 #
34)	L7 AR-1260-4	8.058	7.026	53523780	21308944	505.776	355.458 #
35)	L7 AR-1260-5	8.383	7.269	65788496	48942726	337.901	374.376
36)	L8 AR-1262-1	7.831	6.819	40536360	13159519	285.300	366.359 #
37)	L8 AR-1262-2	8.383	7.026	65788496	21308944	305.712	281.004
38)	L8 AR-1262-3	8.706	7.554	50698866	16937375	324.095	290.644
39)	L8 AR-1262-4	8.794	7.618	37853764	35556482	306.012	340.062
40)	L8 AR-1262-5	9.465	8.116	23402661	15033299	296.614	305.276
41)	L9 AR-1268-1	8.706	7.554	50698866	16937375	172.722	98.148 #

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 Misc :
 ALS Vial : 51 Sample Multiplier: 1

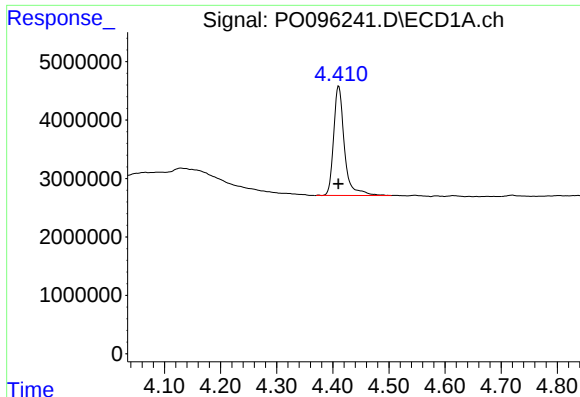
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 20:12:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072123.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	8.794	7.618	37853764	35556482	141.247	229.336 #
43) L9	AR-1268-3	9.029	7.826	2641940	1579193	10.878	11.498
44) L9	AR-1268-4	9.465	8.116	23402661	15033299	267.176	270.497
45) L9	AR-1268-5	9.891	8.408	10342020	6375624	13.815	16.337

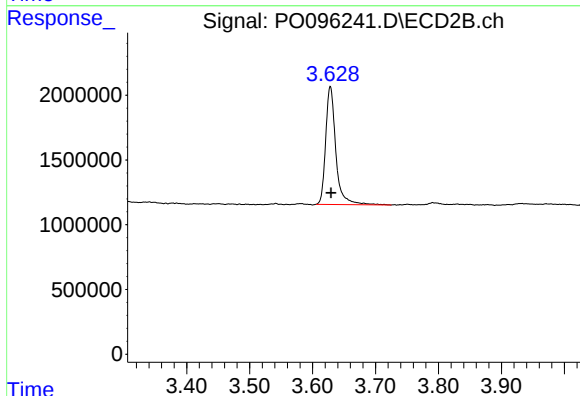
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

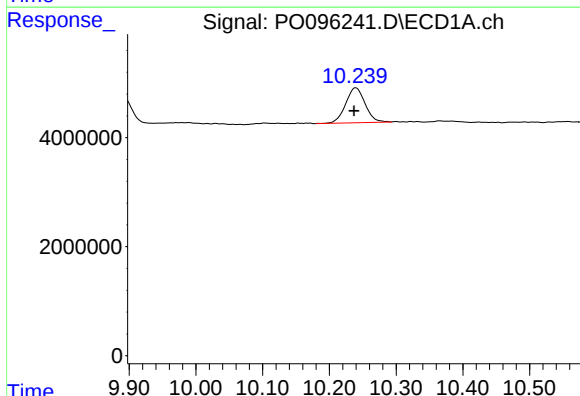
R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 24896144
Conc: 7.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



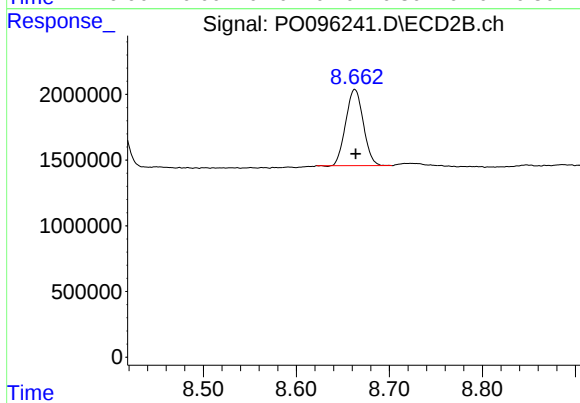
#1 Tetrachloro-m-xylene

R.T.: 3.628 min
Delta R.T.: 0.000 min
Response: 10203208
Conc: 7.77 ng/ml



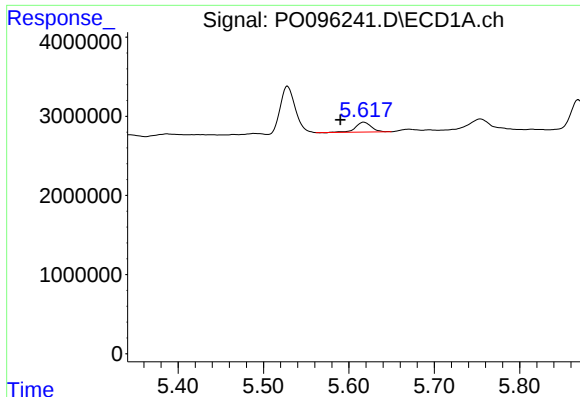
#2 Decachlorobiphenyl

R.T.: 10.239 min
Delta R.T.: 0.003 min
Response: 12972676
Conc: 6.59 ng/ml



#2 Decachlorobiphenyl

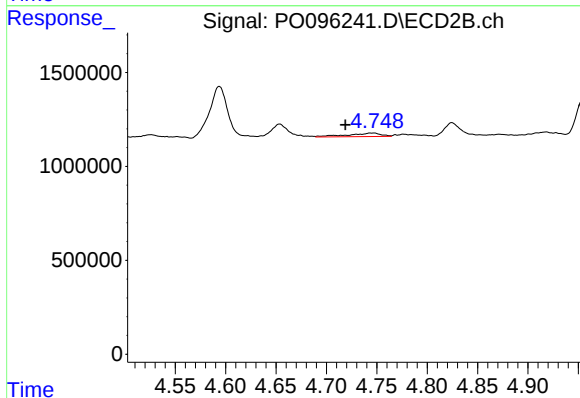
R.T.: 8.663 min
Delta R.T.: 0.000 min
Response: 7629363
Conc: 7.00 ng/ml



#3 AR-1016-1

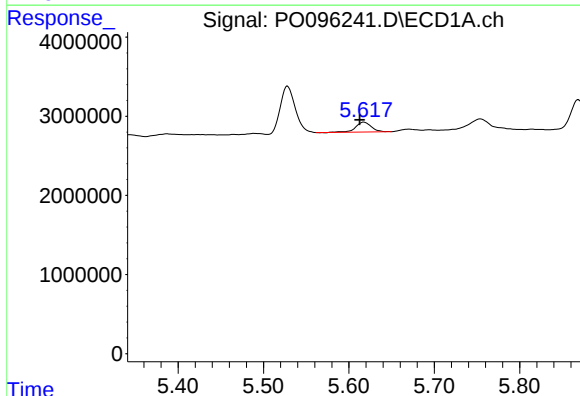
R.T.: 5.618 min
Delta R.T.: 0.027 min
Response: 1570658
Conc: 18.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



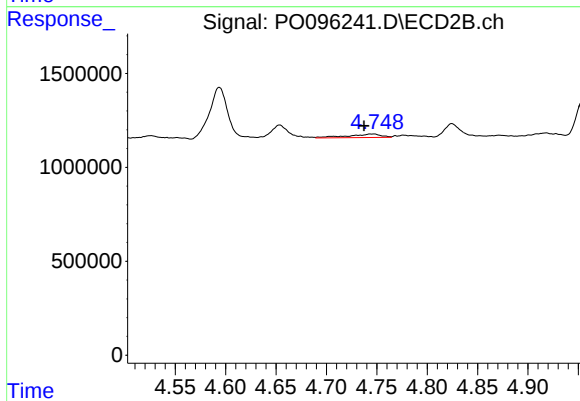
#3 AR-1016-1

R.T.: 4.747 min
Delta R.T.: 0.028 min
Response: 436311
Conc: 10.69 ng/ml



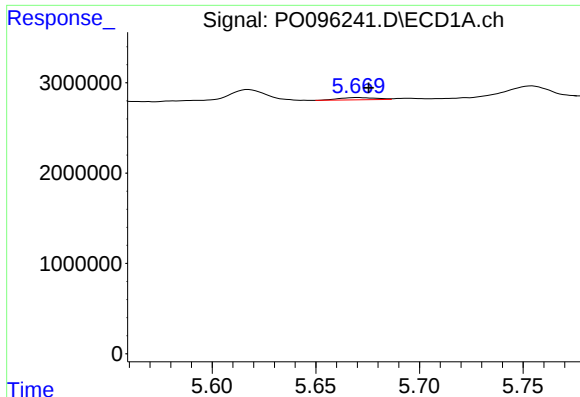
#4 AR-1016-2

R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 1570658
Conc: 13.40 ng/ml



#4 AR-1016-2

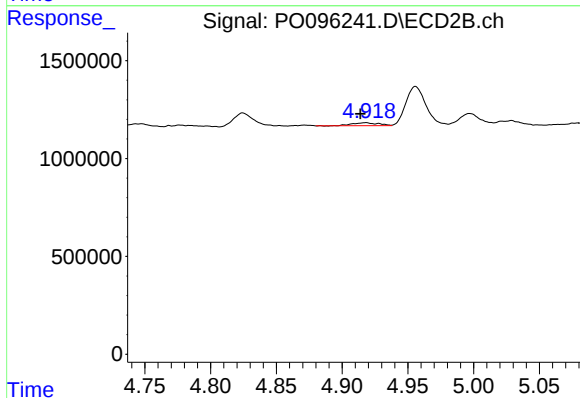
R.T.: 4.747 min
Delta R.T.: 0.010 min
Response: 436311
Conc: 7.70 ng/ml



#5 AR-1016-3

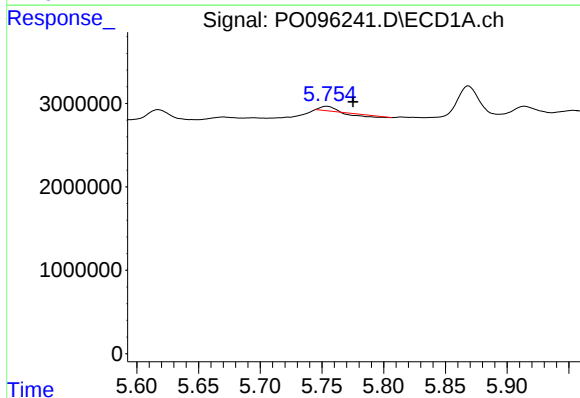
R.T.: 5.670 min
Delta R.T.: -0.005 min
Response: 312340
Conc: 4.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



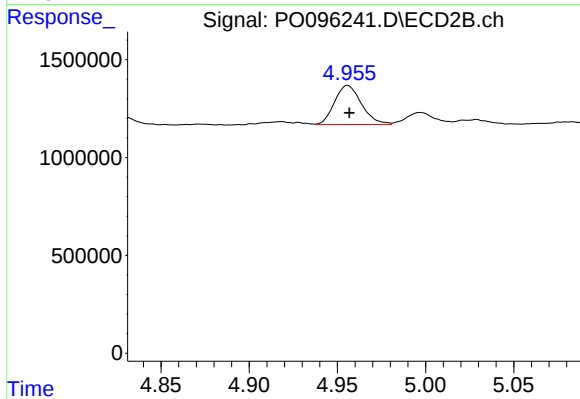
#5 AR-1016-3

R.T.: 4.918 min
Delta R.T.: 0.004 min
Response: 212949
Conc: 6.91 ng/ml



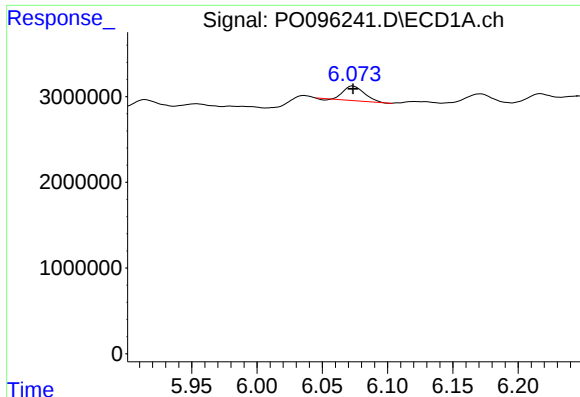
#6 AR-1016-4

R.T.: 5.754 min
Delta R.T.: -0.021 min
Response: 73587
Conc: 1.22 ng/ml



#6 AR-1016-4

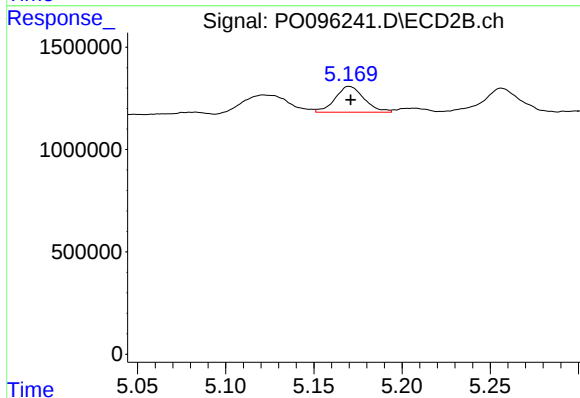
R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 2121805
Conc: 74.92 ng/ml



#7 AR-1016-5

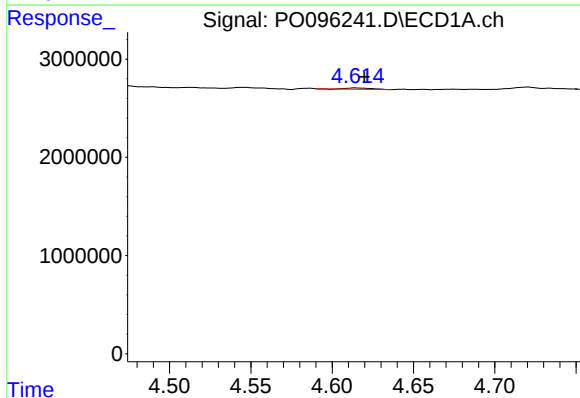
R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 1844336
Conc: 28.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



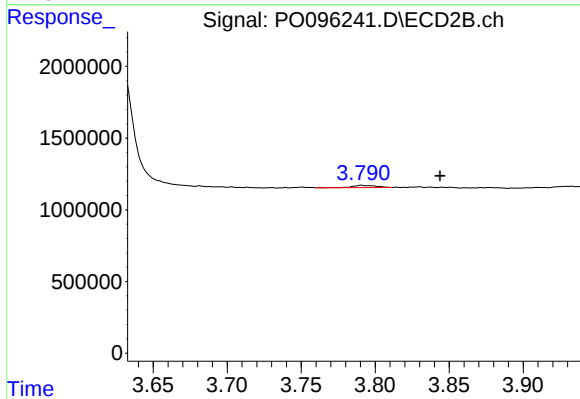
#7 AR-1016-5

R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 1449351
Conc: 42.43 ng/ml



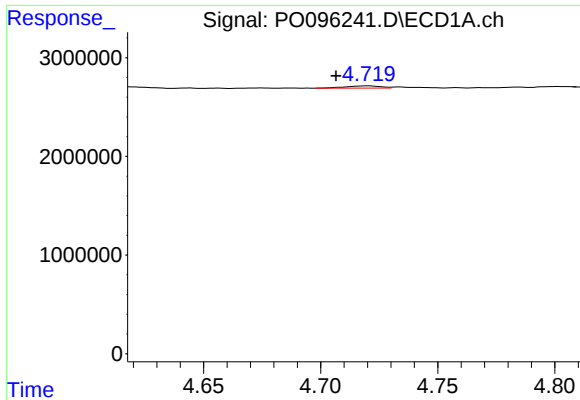
#8 AR-1221-1

R.T.: 4.615 min
Delta R.T.: -0.005 min
Response: 132386
Conc: 3.59 ng/ml



#8 AR-1221-1

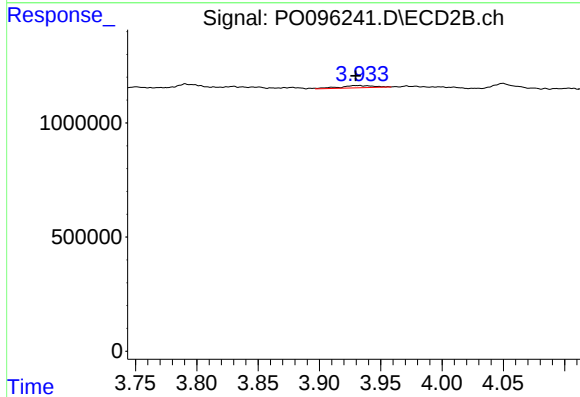
R.T.: 3.791 min
Delta R.T.: -0.053 min
Response: 177237
Conc: 10.30 ng/ml



#9 AR-1221-2

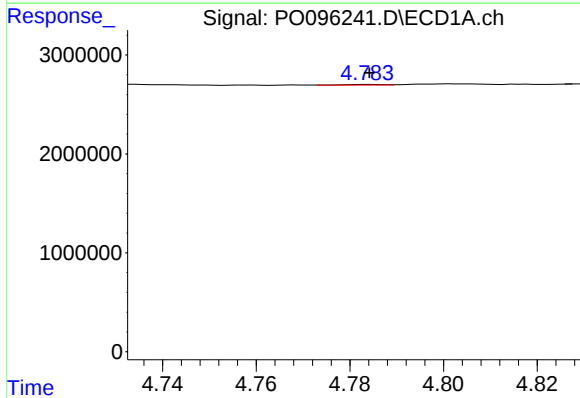
R.T.: 4.720 min
Delta R.T.: 0.013 min
Response: 245146
Conc: 8.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



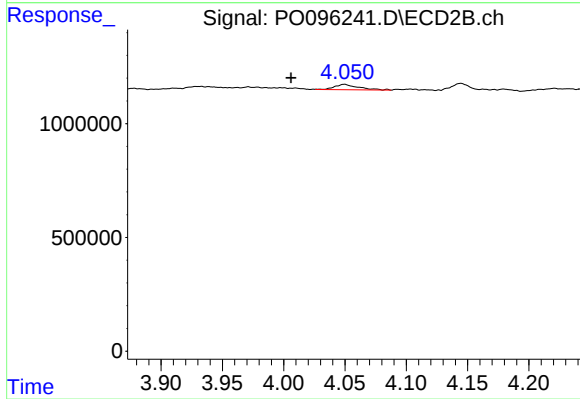
#9 AR-1221-2

R.T.: 3.932 min
Delta R.T.: 0.002 min
Response: 184520
Conc: 14.31 ng/ml



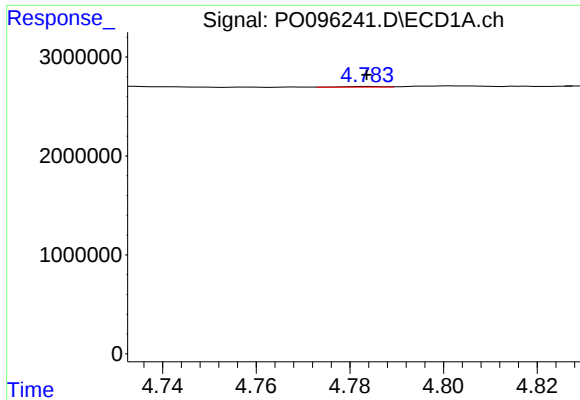
#10 AR-1221-3

R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 32990
Conc: 0.41 ng/ml



#10 AR-1221-3

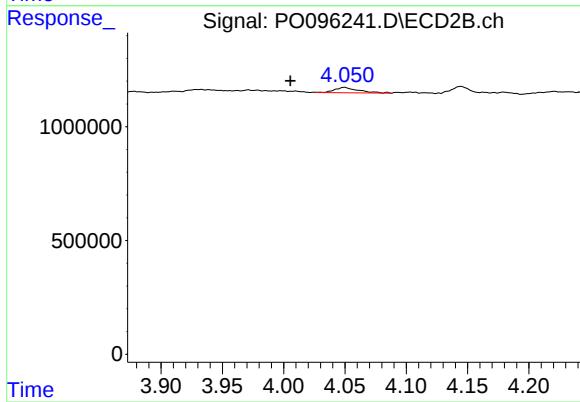
R.T.: 4.050 min
Delta R.T.: 0.044 min
Response: 323456
Conc: 8.44 ng/ml



#11 AR-1232-1

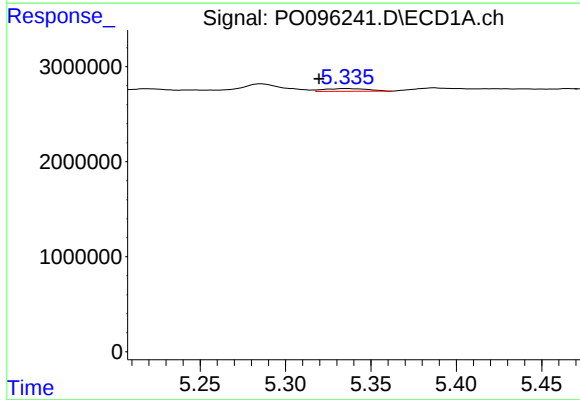
R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 32990
Conc: 0.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



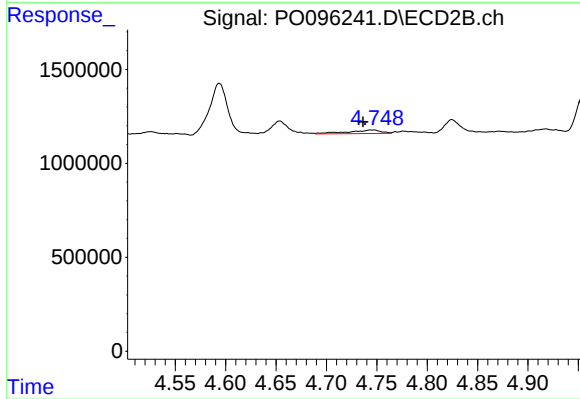
#11 AR-1232-1

R.T.: 4.050 min
Delta R.T.: 0.044 min
Response: 323456
Conc: 10.39 ng/ml



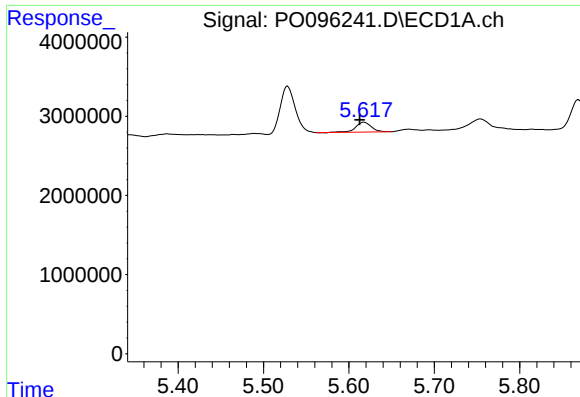
#12 AR-1232-2

R.T.: 5.336 min
Delta R.T.: 0.016 min
Response: 524653
Conc: 14.14 ng/ml



#12 AR-1232-2

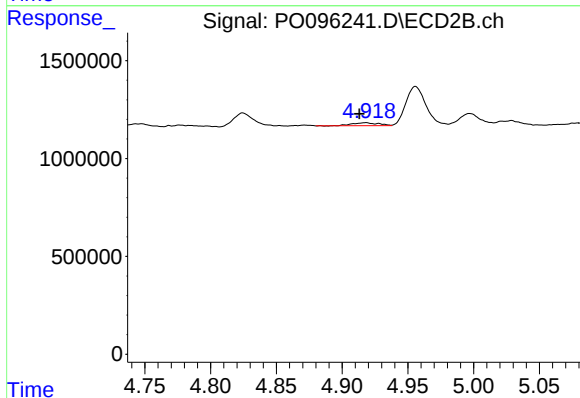
R.T.: 4.747 min
Delta R.T.: 0.010 min
Response: 436311
Conc: 16.42 ng/ml



#13 AR-1232-3

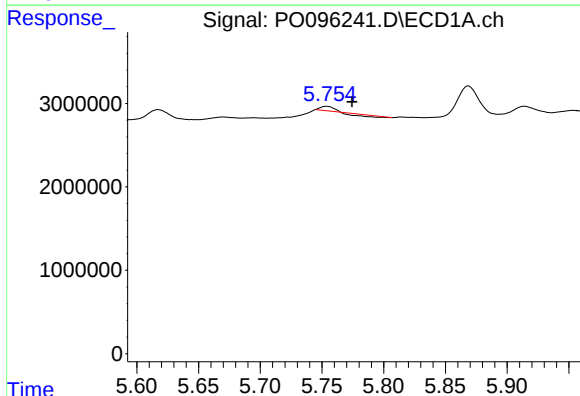
R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 1570658
Conc: 29.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



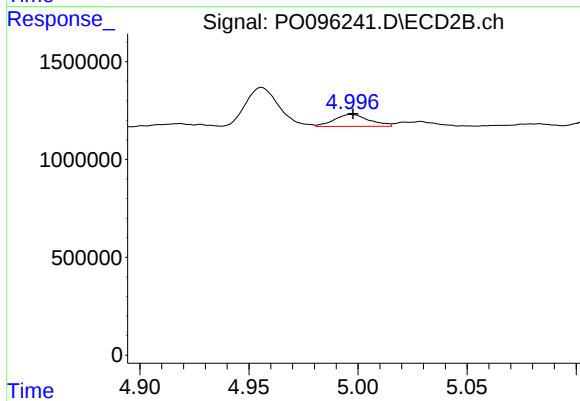
#13 AR-1232-3

R.T.: 4.918 min
Delta R.T.: 0.005 min
Response: 212949
Conc: 15.18 ng/ml



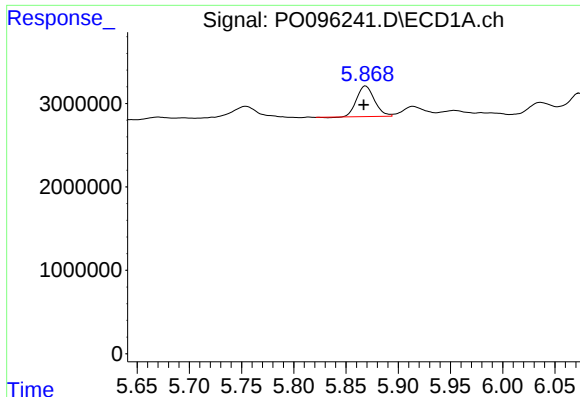
#14 AR-1232-4

R.T.: 5.754 min
Delta R.T.: -0.020 min
Response: 73587
Conc: 2.68 ng/ml



#14 AR-1232-4

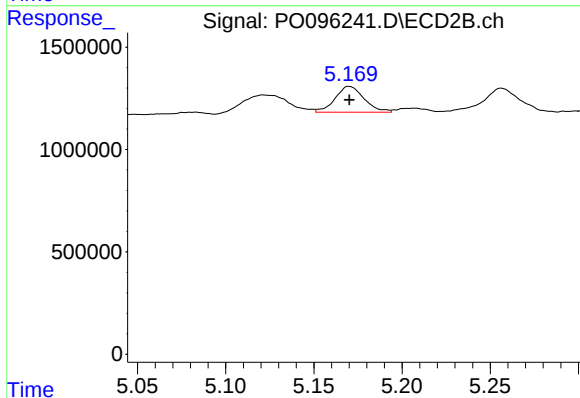
R.T.: 4.997 min
Delta R.T.: 0.000 min
Response: 678627
Conc: 49.12 ng/ml



#15 AR-1232-5

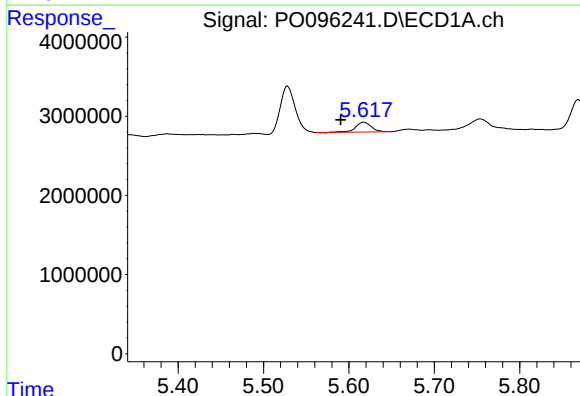
R.T.: 5.869 min
Delta R.T.: 0.002 min
Response: 4379591
Conc: 173.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



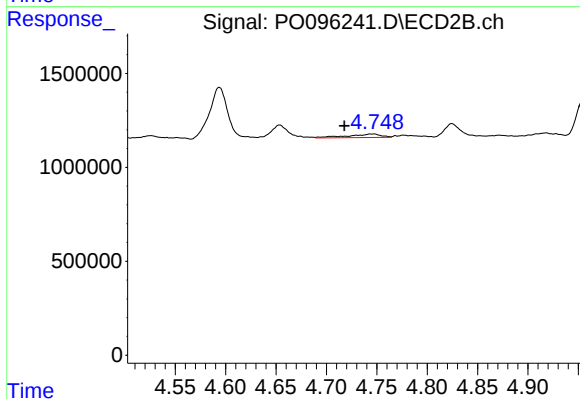
#15 AR-1232-5

R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 1449351
Conc: 86.52 ng/ml



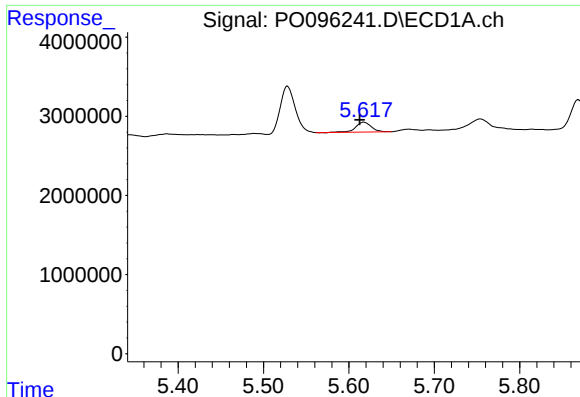
#16 AR-1242-1

R.T.: 5.618 min
Delta R.T.: 0.027 min
Response: 1570658
Conc: 20.84 ng/ml



#16 AR-1242-1

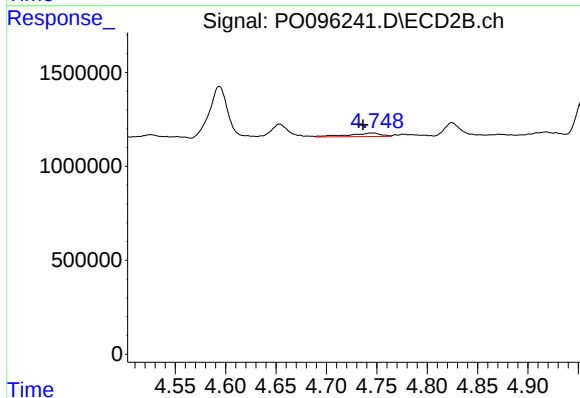
R.T.: 4.747 min
Delta R.T.: 0.029 min
Response: 436311
Conc: 11.83 ng/ml



#17 AR-1242-2

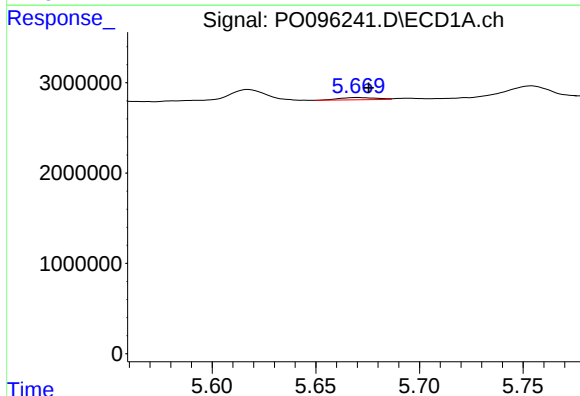
R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 1570658
Conc: 14.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



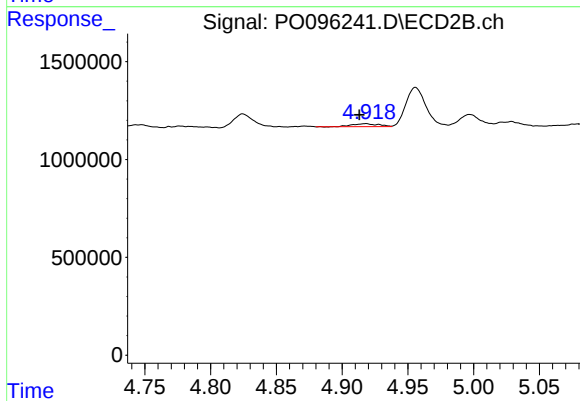
#17 AR-1242-2

R.T.: 4.747 min
Delta R.T.: 0.010 min
Response: 436311
Conc: 8.66 ng/ml



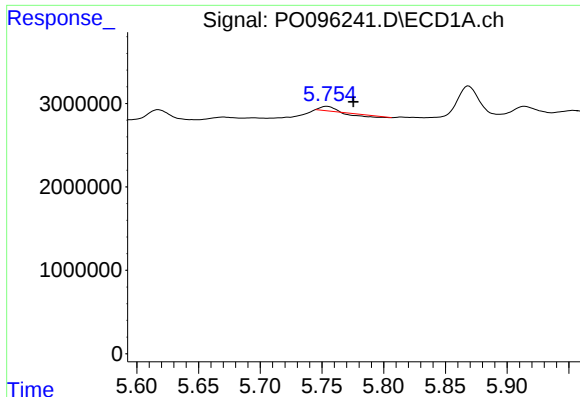
#18 AR-1242-3

R.T.: 5.670 min
Delta R.T.: -0.005 min
Response: 312340
Conc: 4.70 ng/ml



#18 AR-1242-3

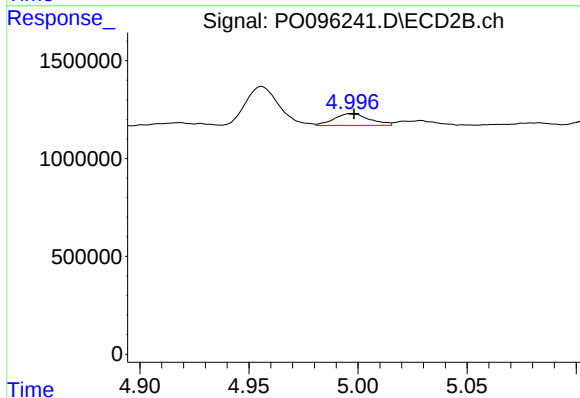
R.T.: 4.918 min
Delta R.T.: 0.005 min
Response: 212949
Conc: 7.59 ng/ml



#19 AR-1242-4

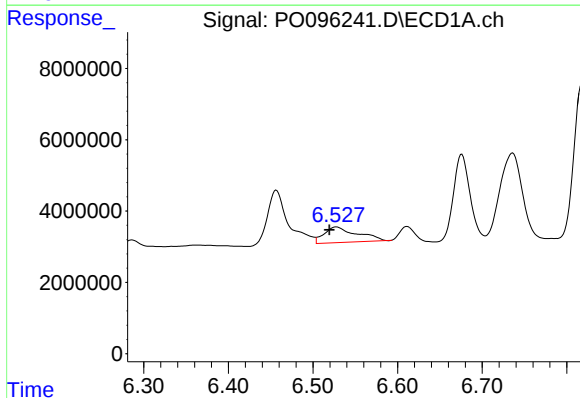
R.T.: 5.754 min
Delta R.T.: -0.021 min
Response: 73587
Conc: 1.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



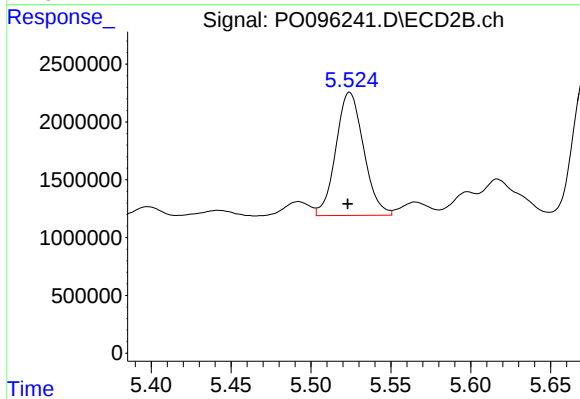
#19 AR-1242-4

R.T.: 4.997 min
Delta R.T.: -0.001 min
Response: 678627
Conc: 22.72 ng/ml



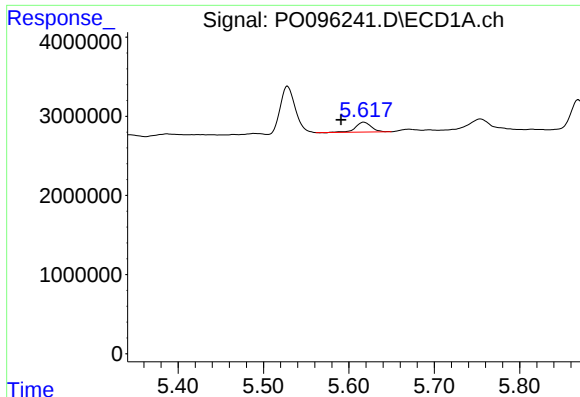
#20 AR-1242-5

R.T.: 6.528 min
Delta R.T.: 0.008 min
Response: 11956845
Conc: 208.77 ng/ml



#20 AR-1242-5

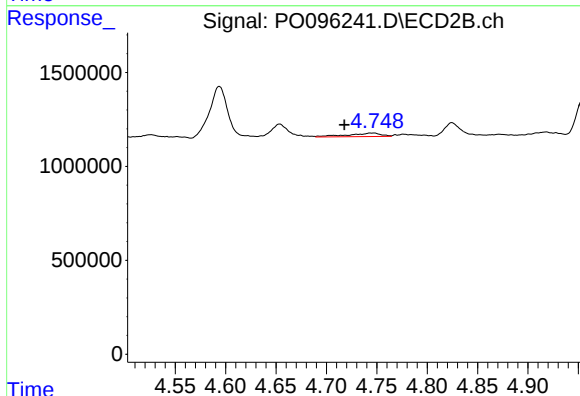
R.T.: 5.524 min
Delta R.T.: 0.001 min
Response: 12868519
Conc: 375.04 ng/ml



#21 AR-1248-1

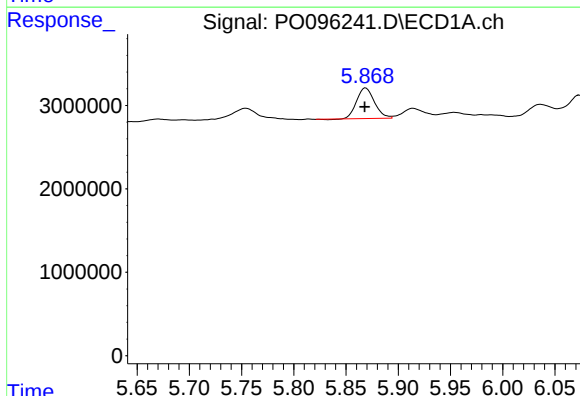
R.T.: 5.618 min
Delta R.T.: 0.027 min
Response: 1570658
Conc: 29.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



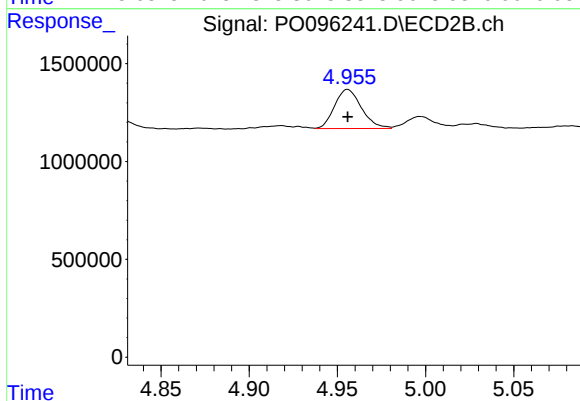
#21 AR-1248-1

R.T.: 4.747 min
Delta R.T.: 0.029 min
Response: 436311
Conc: 16.59 ng/ml



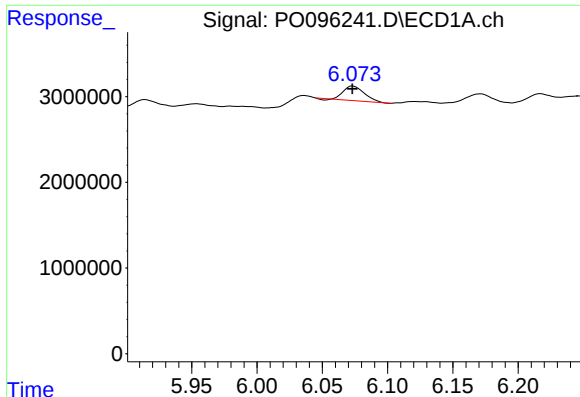
#22 AR-1248-2

R.T.: 5.869 min
Delta R.T.: 0.000 min
Response: 4379591
Conc: 49.77 ng/ml



#22 AR-1248-2

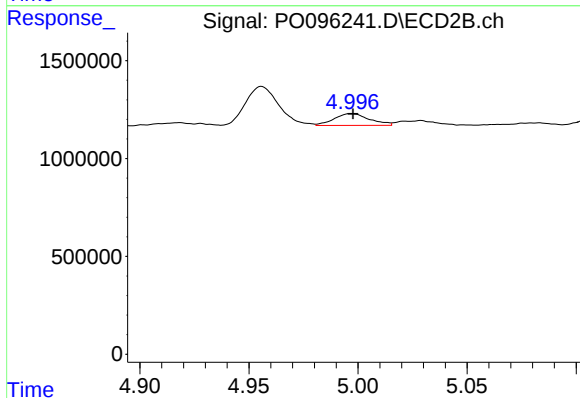
R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 2121805
Conc: 53.50 ng/ml



#23 AR-1248-3

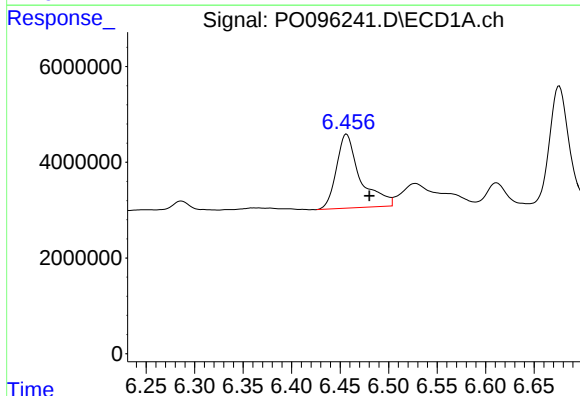
R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 1844336
Conc: 19.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



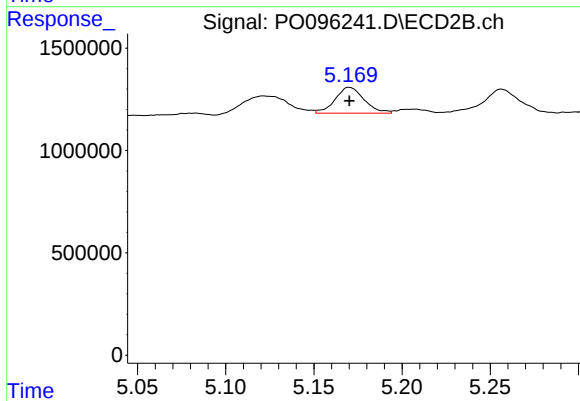
#23 AR-1248-3

R.T.: 4.997 min
Delta R.T.: 0.000 min
Response: 678627
Conc: 16.23 ng/ml



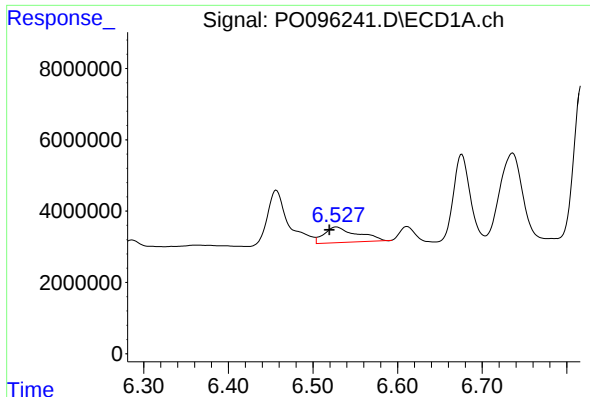
#24 AR-1248-4

R.T.: 6.457 min
Delta R.T.: -0.023 min
Response: 26377591
Conc: 306.98 ng/ml



#24 AR-1248-4

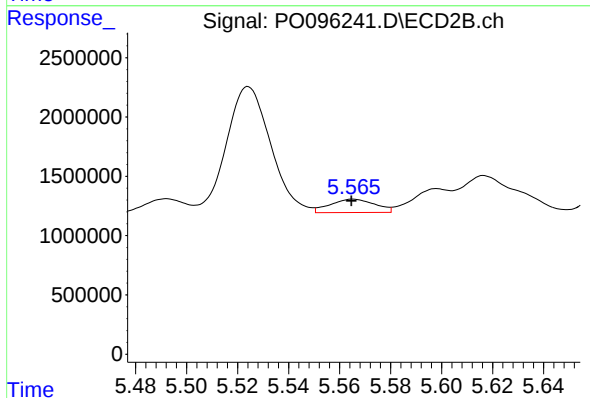
R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 1449351
Conc: 30.45 ng/ml



#25 AR-1248-5

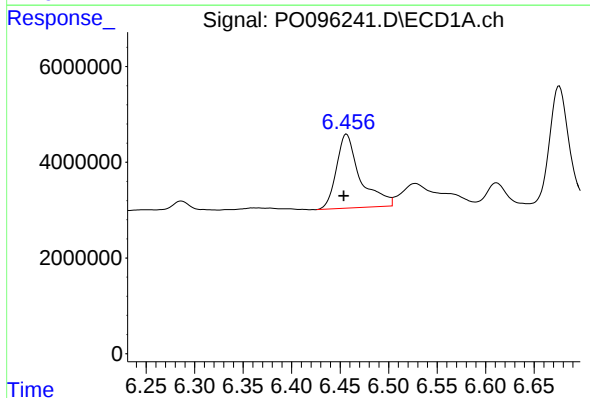
R.T.: 6.528 min
Delta R.T.: 0.008 min
Response: 11956845
Conc: 132.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



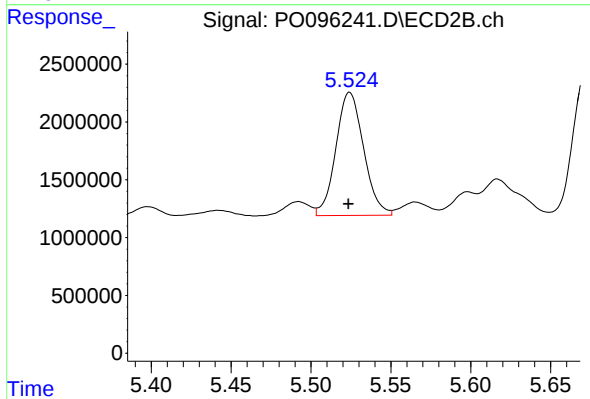
#25 AR-1248-5

R.T.: 5.565 min
Delta R.T.: 0.000 min
Response: 1367696
Conc: 31.19 ng/ml



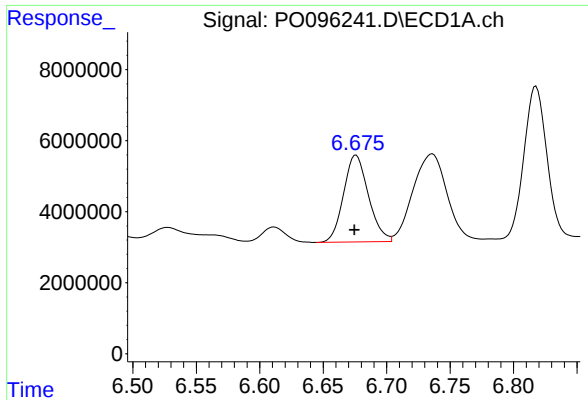
#26 AR-1254-1

R.T.: 6.457 min
Delta R.T.: 0.003 min
Response: 26377591
Conc: 263.98 ng/ml



#26 AR-1254-1

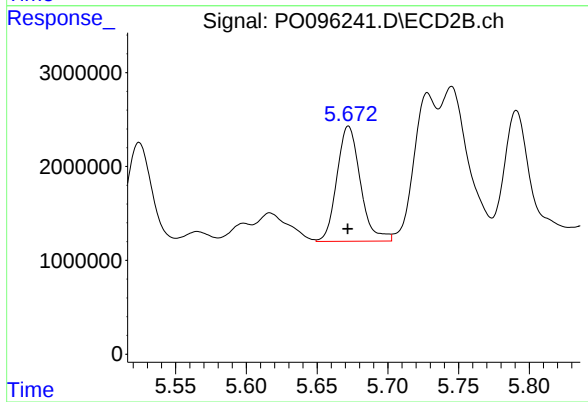
R.T.: 5.524 min
Delta R.T.: 0.000 min
Response: 12868519
Conc: 186.99 ng/ml



#27 AR-1254-2

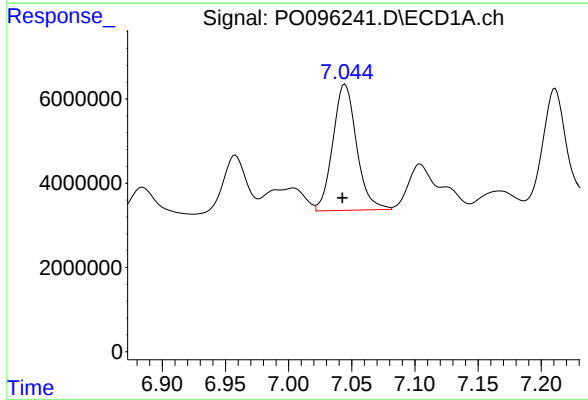
R.T.: 6.676 min
Delta R.T.: 0.001 min
Response: 33364449
Conc: 230.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



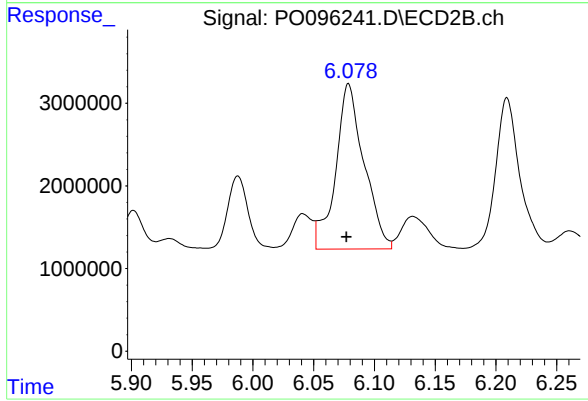
#27 AR-1254-2

R.T.: 5.672 min
Delta R.T.: 0.000 min
Response: 14190525
Conc: 233.69 ng/ml



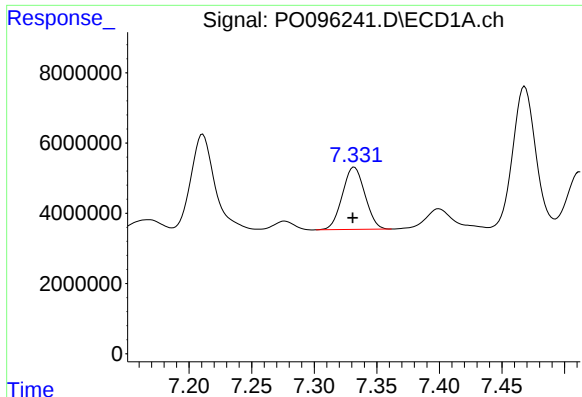
#28 AR-1254-3

R.T.: 7.045 min
Delta R.T.: 0.002 min
Response: 39149439
Conc: 271.90 ng/ml



#28 AR-1254-3

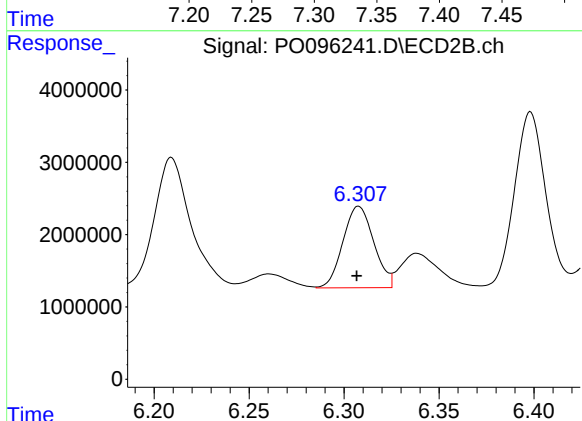
R.T.: 6.079 min
Delta R.T.: 0.002 min
Response: 32432272
Conc: 347.83 ng/ml



#29 AR-1254-4

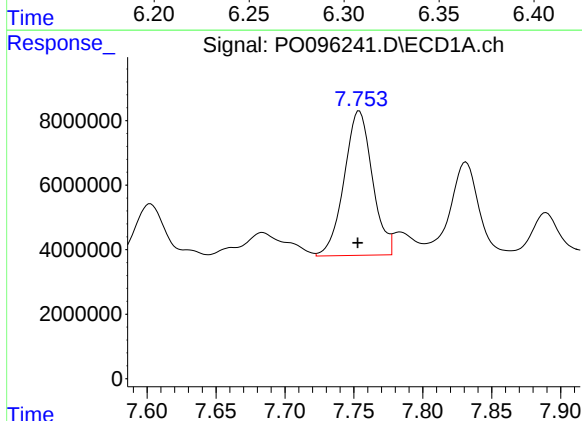
R.T.: 7.332 min
Delta R.T.: 0.001 min
Response: 22291835
Conc: 240.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



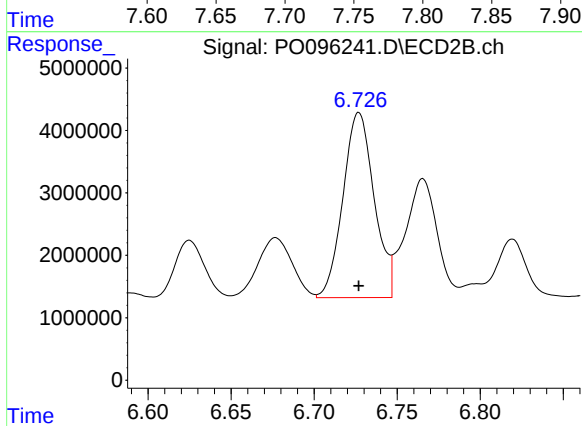
#29 AR-1254-4

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 12742742
Conc: 228.08 ng/ml



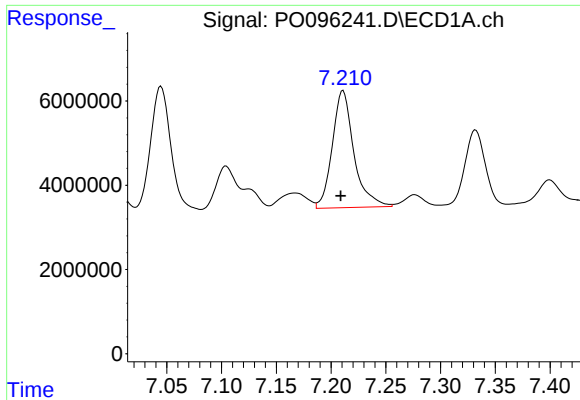
#30 AR-1254-5

R.T.: 7.754 min
Delta R.T.: 0.001 min
Response: 63734414
Conc: 620.04 ng/ml



#30 AR-1254-5

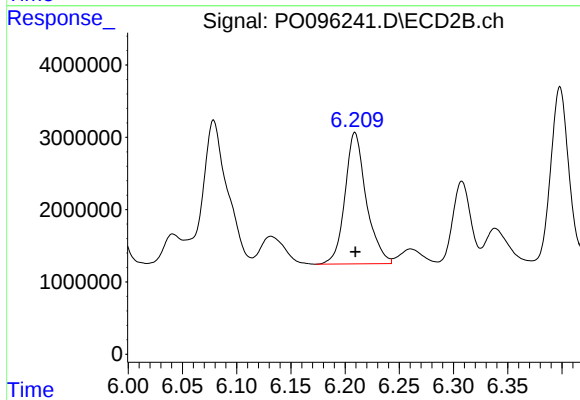
R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 38815944
Conc: 487.39 ng/ml



#31 AR-1260-1

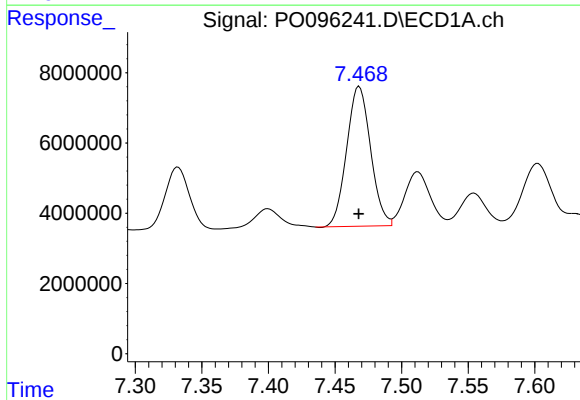
R.T.: 7.211 min
Delta R.T.: 0.002 min
Response: 38189067
Conc: 289.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



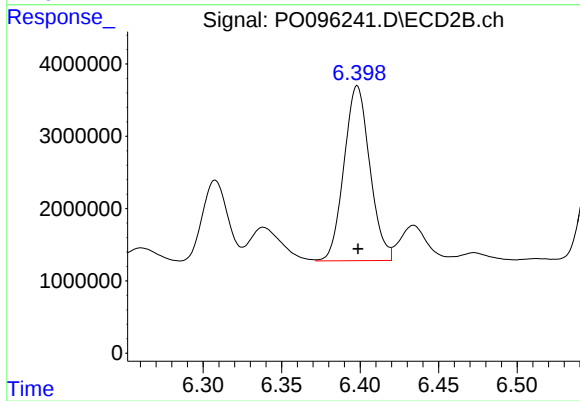
#31 AR-1260-1

R.T.: 6.209 min
Delta R.T.: 0.000 min
Response: 24811110
Conc: 368.74 ng/ml



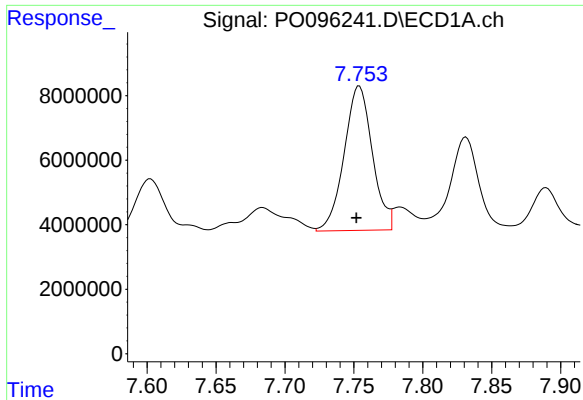
#32 AR-1260-2

R.T.: 7.468 min
Delta R.T.: 0.000 min
Response: 49854456
Conc: 405.78 ng/ml



#32 AR-1260-2

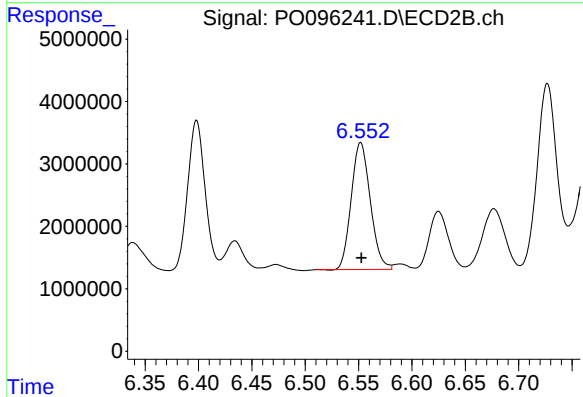
R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 27685741
Conc: 357.67 ng/ml



#33 AR-1260-3

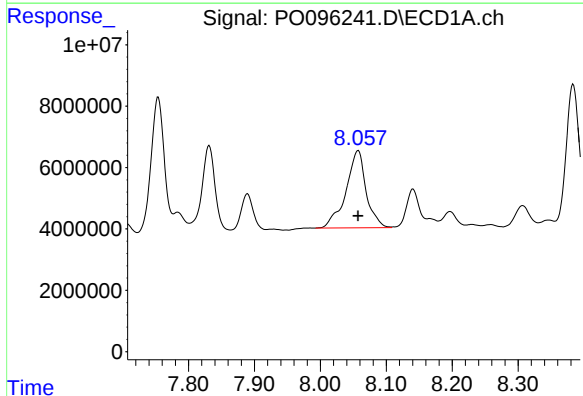
R.T.: 7.754 min
Delta R.T.: 0.002 min
Response: 63734414
Conc: 473.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



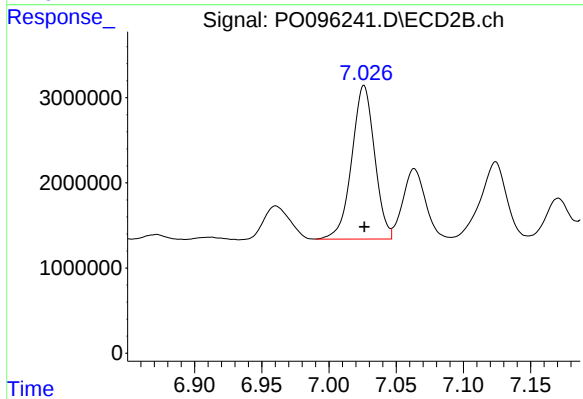
#33 AR-1260-3

R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 25289611
Conc: 311.05 ng/ml



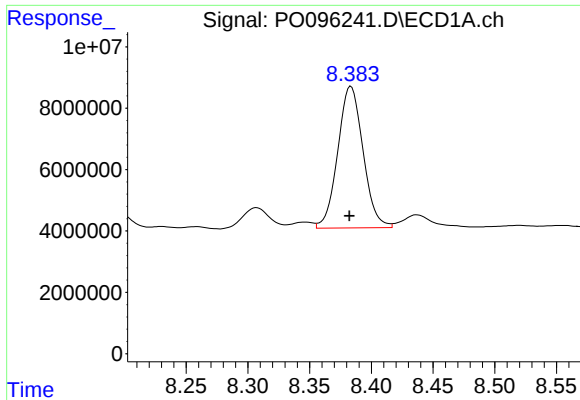
#34 AR-1260-4

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 53523780
Conc: 505.78 ng/ml



#34 AR-1260-4

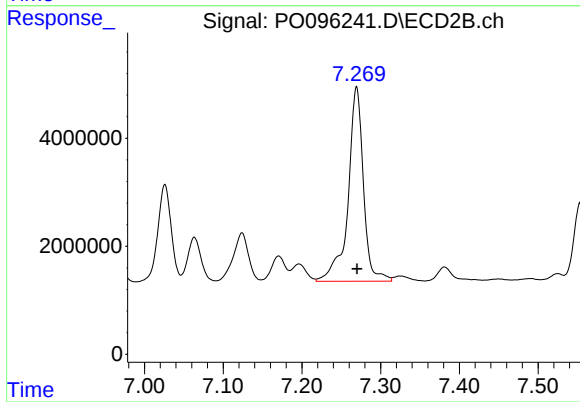
R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 21308944
Conc: 355.46 ng/ml



#35 AR-1260-5

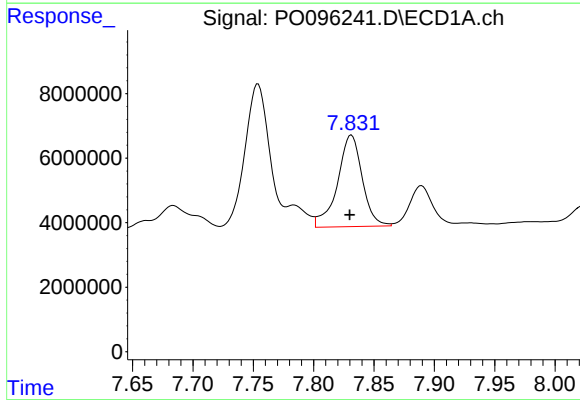
R.T.: 8.383 min
Delta R.T.: 0.001 min
Response: 65788496
Conc: 337.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



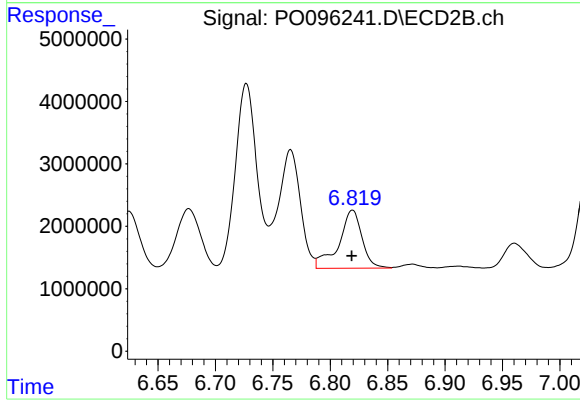
#35 AR-1260-5

R.T.: 7.269 min
Delta R.T.: 0.000 min
Response: 48942726
Conc: 374.38 ng/ml



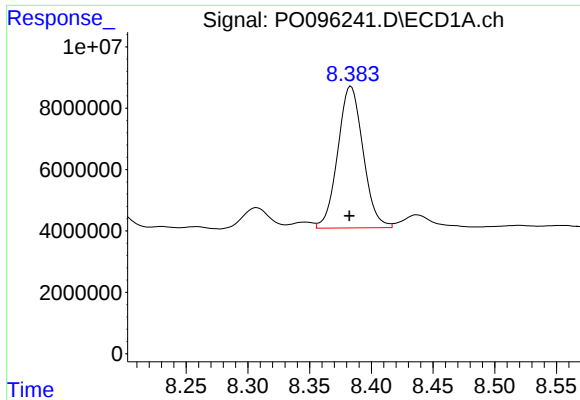
#36 AR-1262-1

R.T.: 7.831 min
Delta R.T.: 0.001 min
Response: 40536360
Conc: 285.30 ng/ml



#36 AR-1262-1

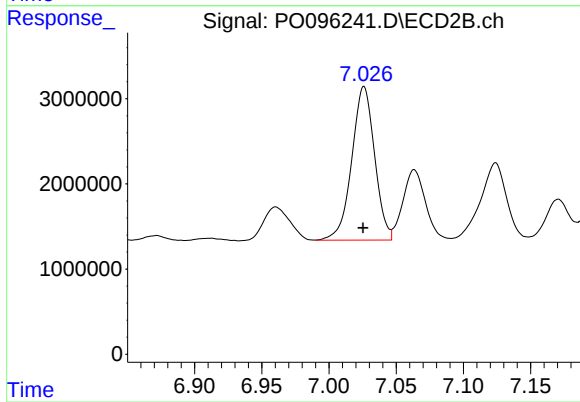
R.T.: 6.819 min
Delta R.T.: 0.000 min
Response: 13159519
Conc: 366.36 ng/ml



#37 AR-1262-2

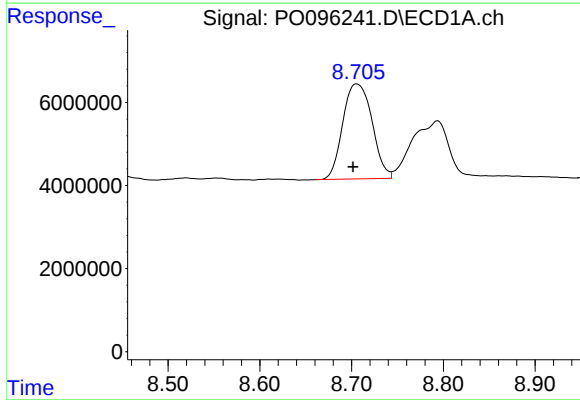
R.T.: 8.383 min
Delta R.T.: 0.001 min
Response: 65788496
Conc: 305.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



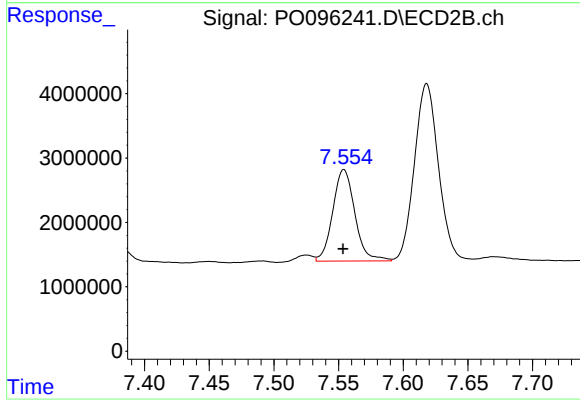
#37 AR-1262-2

R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 21308944
Conc: 281.00 ng/ml



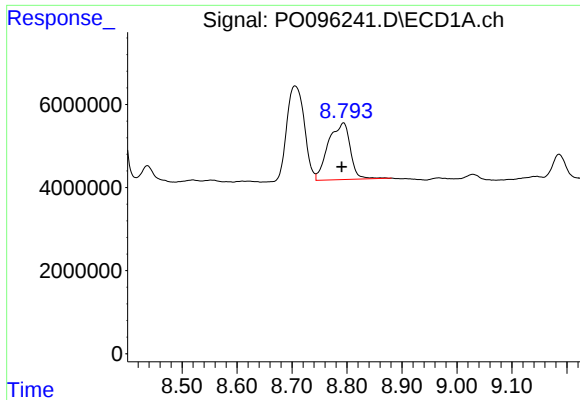
#38 AR-1262-3

R.T.: 8.706 min
Delta R.T.: 0.004 min
Response: 50698866
Conc: 324.09 ng/ml



#38 AR-1262-3

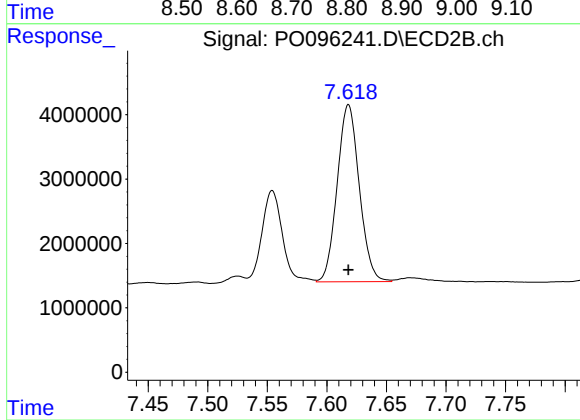
R.T.: 7.554 min
Delta R.T.: 0.000 min
Response: 16937375
Conc: 290.64 ng/ml



#39 AR-1262-4

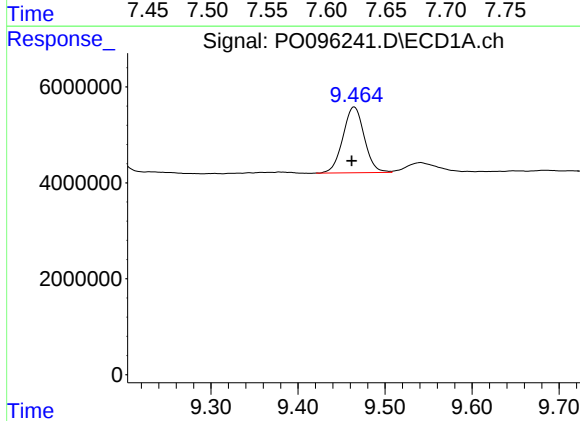
R.T.: 8.794 min
Delta R.T.: 0.003 min
Response: 37853764
Conc: 306.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



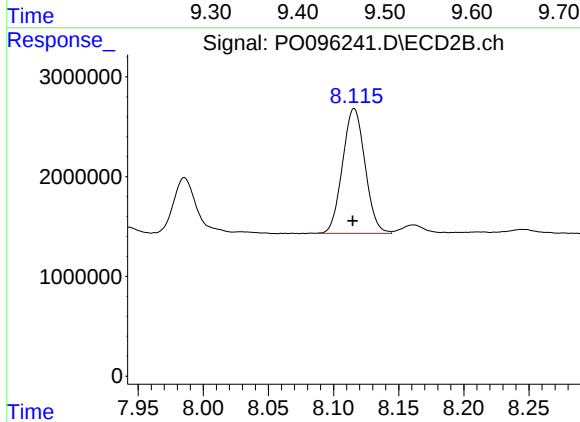
#39 AR-1262-4

R.T.: 7.618 min
Delta R.T.: 0.000 min
Response: 35556482
Conc: 340.06 ng/ml



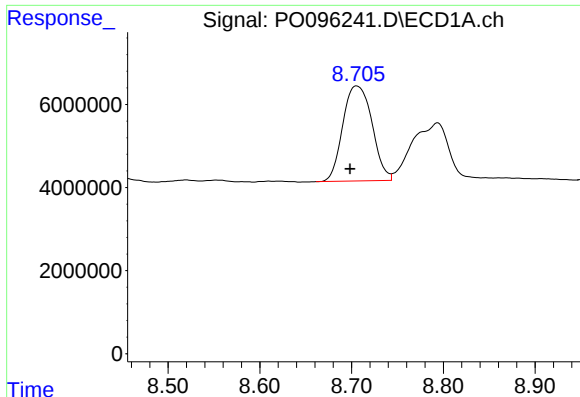
#40 AR-1262-5

R.T.: 9.465 min
Delta R.T.: 0.003 min
Response: 23402661
Conc: 296.61 ng/ml



#40 AR-1262-5

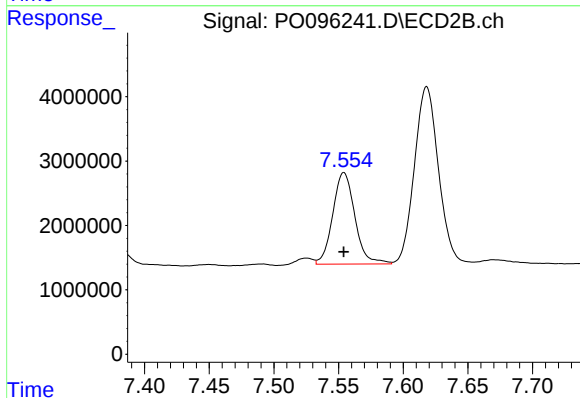
R.T.: 8.116 min
Delta R.T.: 0.001 min
Response: 15033299
Conc: 305.28 ng/ml



#41 AR-1268-1

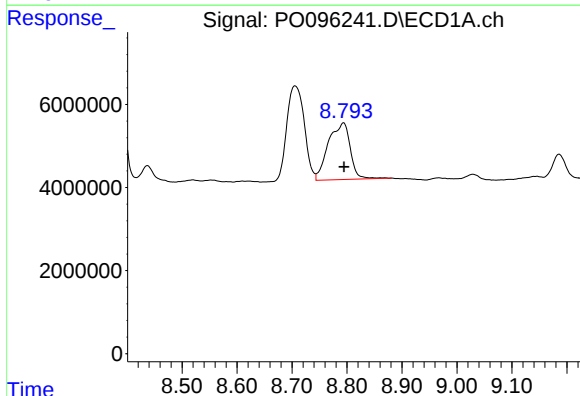
R.T.: 8.706 min
Delta R.T.: 0.007 min
Response: 50698866
Conc: 172.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



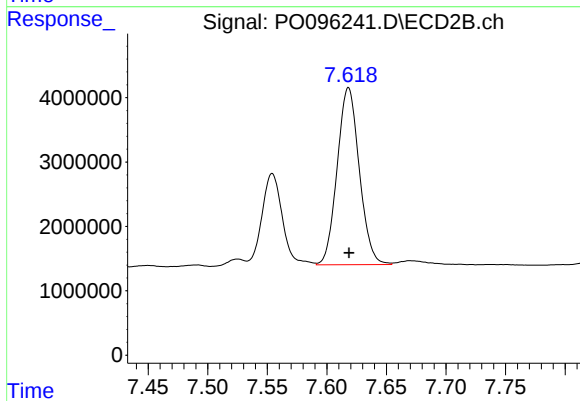
#41 AR-1268-1

R.T.: 7.554 min
Delta R.T.: 0.000 min
Response: 16937375
Conc: 98.15 ng/ml



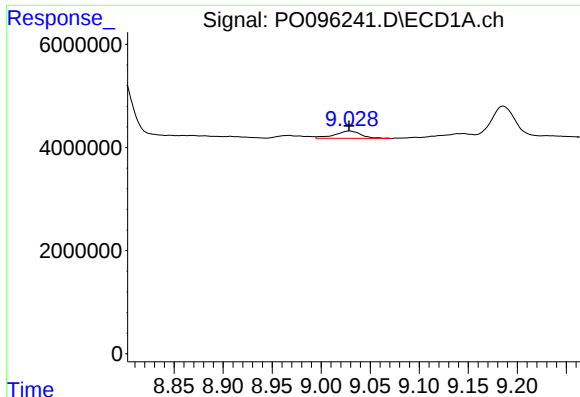
#42 AR-1268-2

R.T.: 8.794 min
Delta R.T.: 0.000 min
Response: 37853764
Conc: 141.25 ng/ml



#42 AR-1268-2

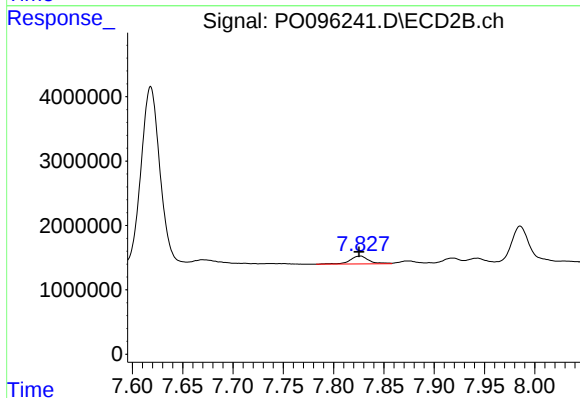
R.T.: 7.618 min
Delta R.T.: 0.000 min
Response: 35556482
Conc: 229.34 ng/ml



#43 AR-1268-3

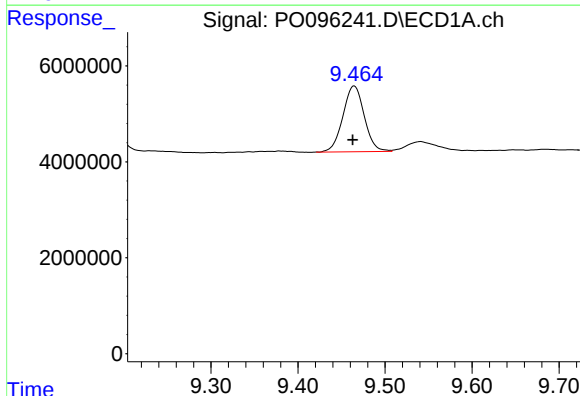
R.T.: 9.029 min
Delta R.T.: 0.000 min
Response: 2641940
Conc: 10.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



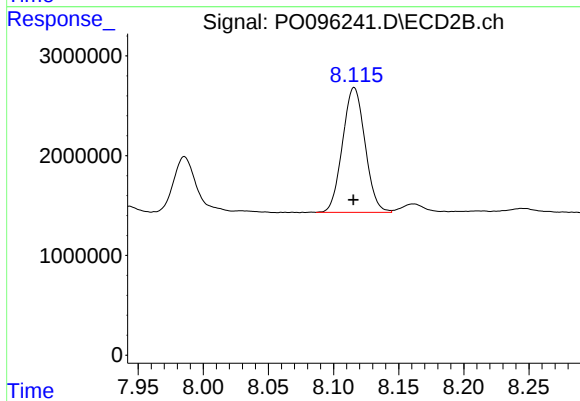
#43 AR-1268-3

R.T.: 7.826 min
Delta R.T.: 0.000 min
Response: 1579193
Conc: 11.50 ng/ml



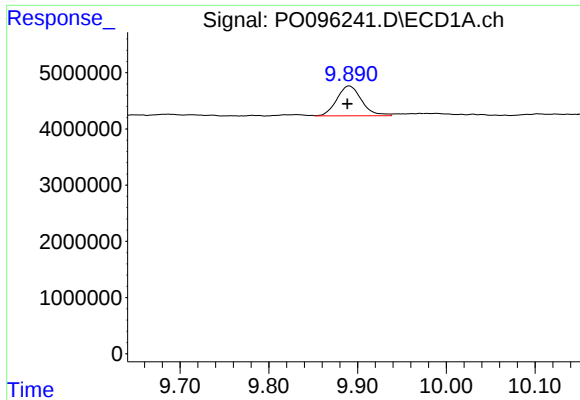
#44 AR-1268-4

R.T.: 9.465 min
Delta R.T.: 0.002 min
Response: 23402661
Conc: 267.18 ng/ml



#44 AR-1268-4

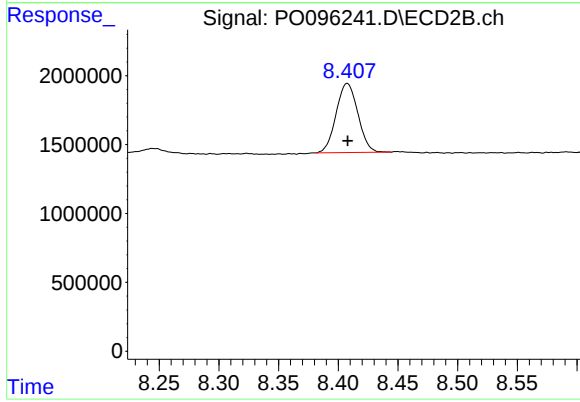
R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 15033299
Conc: 270.50 ng/ml



#45 AR-1268-5

R.T.: 9.891 min
Delta R.T.: 0.002 min
Response: 10342020
Conc: 13.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 6375624
Conc: 16.34 ng/ml