

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101519\
 Data File : P0062025.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 15 Oct 2019 18:55
 Operator : HP/AJ
 Sample : K5358-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 20190897-AMENDED-COMP-KM-CA

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 01:09:32 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 12 06:25:38 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.322	3.483	957696	872861	15.485	20.355 #
2)	SA Decachlor...	9.946	8.336	490995	103229	8.775	3.518 #
Target Compounds							
3)	L1 AR-1016-1	0.000	4.527	0	29093	N.D.	18.600 #
4)	L1 AR-1016-2	0.000	4.544	0	49920	N.D.	21.462 #
5)	L1 AR-1016-3	0.000	4.717	0	39704	N.D.	32.122 #
6)	L1 AR-1016-4	5.686	4.756	118927	53232	70.168	54.169
7)	L1 AR-1016-5	5.954	4.961	73266	108122	41.200	83.844 #
8)	L2 AR-1221-1	4.497	0.000	85921	0	123.472	N.D. #
9)	L2 AR-1221-2	4.629	3.768	25747	44153	49.370	114.908 #
10)	L2 AR-1221-3	4.707	3.871	37846	12600	23.181	10.707 #
11)	L3 AR-1232-1	4.707	3.871	37846	12600	17.328	8.131 #
12)	L3 AR-1232-2	5.195	4.544	25296	49920	21.202	28.914 #
13)	L3 AR-1232-3	0.000	4.717	0	39704	N.D.	43.439 #
14)	L3 AR-1232-4	5.686	4.796	118927	55653	92.516	68.409 #
15)	L3 AR-1232-5	0.000	4.961	0	108122	N.D.	122.425 #
16)	L4 AR-1242-1	0.000	4.527	0	29093	N.D.	24.191 #
17)	L4 AR-1242-2	0.000	4.544	0	49920	N.D.	28.025 #
18)	L4 AR-1242-3	0.000	4.717	0	39704	N.D.	41.705 #
19)	L4 AR-1242-4	5.686	4.796	118927	55653	88.097	58.952 #
20)	L4 AR-1242-5	6.403	5.316	393062	1548094	257.166	1297.350 #
21)	L5 AR-1248-1	0.000	4.527	0	29093	N.D.	29.634 #
22)	L5 AR-1248-2	0.000	4.756	0	53232	N.D.	42.018 #
23)	L5 AR-1248-3	5.954	4.796	73266	55653	33.173	41.924 #
24)	L5 AR-1248-4	6.357	4.961	107714	108122	42.164	68.329 #
25)	L5 AR-1248-5	6.403	5.316	393062	1548094	160.752	1005.909 #
26)	L6 AR-1254-1	6.329	5.316	126357	1548094	47.402	632.961 #
27)	L6 AR-1254-2	6.547	5.448	887049	1445637	216.963	682.591 #
28)	L6 AR-1254-3	6.923	5.860	773379	474690	184.838	145.693
29)	L6 AR-1254-4	7.197	6.063	75237	58770	24.968	30.428
30)	L6 AR-1254-5	7.637	6.474	7700047	4259258	2457.020	1612.624 #
31)	L7 AR-1260-1	7.073	5.968	62625	57348	21.996	26.991
32)	L7 AR-1260-2	7.325	6.153	2330931	65013	679.462	25.620 #
33)	L7 AR-1260-3	7.637	6.319	7700047	296741	2909.942	131.412 #
35)	L7 AR-1260-5	8.223	7.004	54912	53869	10.488	14.954 #
36)	L8 AR-1262-1	7.637	0.000	7700047	0	1875.827	N.D. #
37)	L8 AR-1262-2	8.223	7.004	54912	53869	8.516	12.820 #
38)	L8 AR-1262-3	8.551	7.345	96138	73744	21.863	41.928 #
39)	L8 AR-1262-4	8.551	7.345	96138	73744	27.826	24.122
41)	L9 AR-1268-1	8.551	7.345	96138	73744	12.700	15.747
42)	L9 AR-1268-2	8.551	7.345	96138	73744	13.686	17.652 #

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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_O
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 01:09:32 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101119.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 12 06:25:38 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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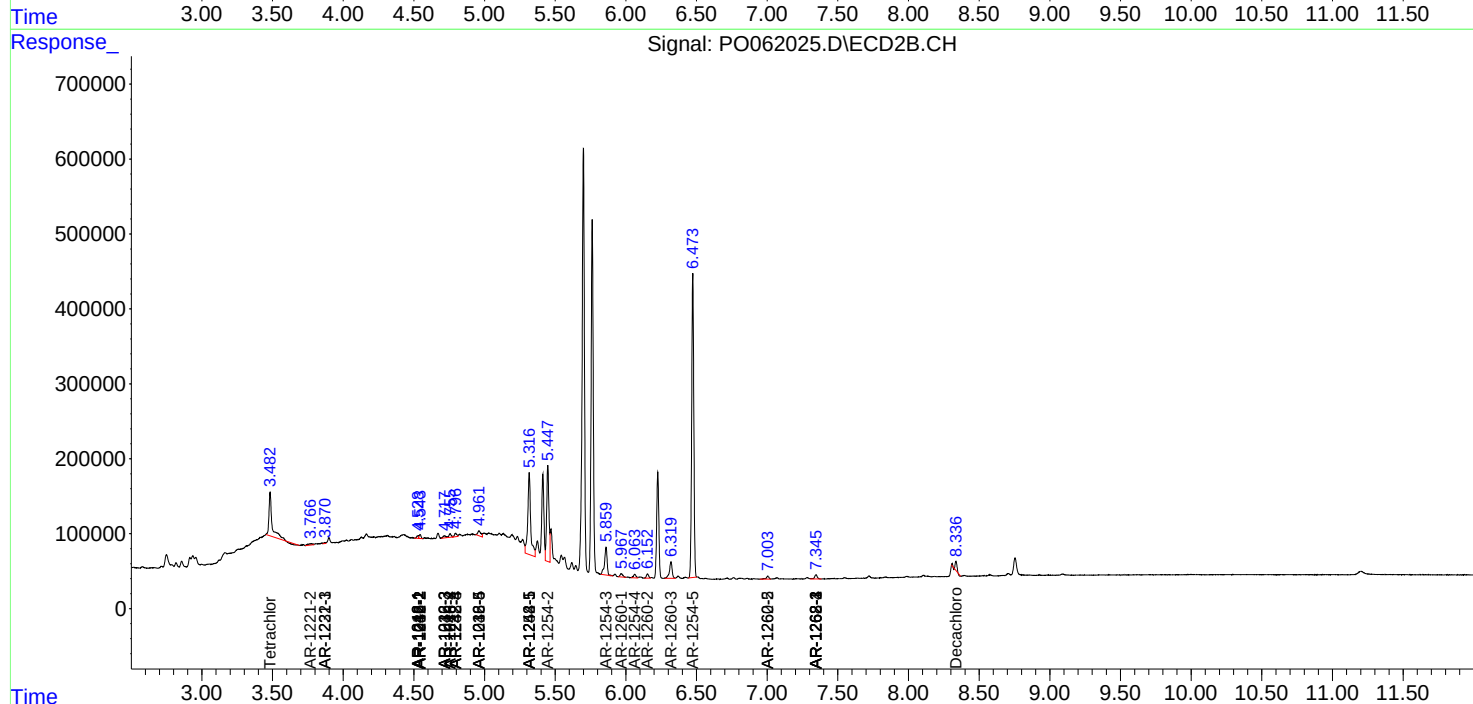
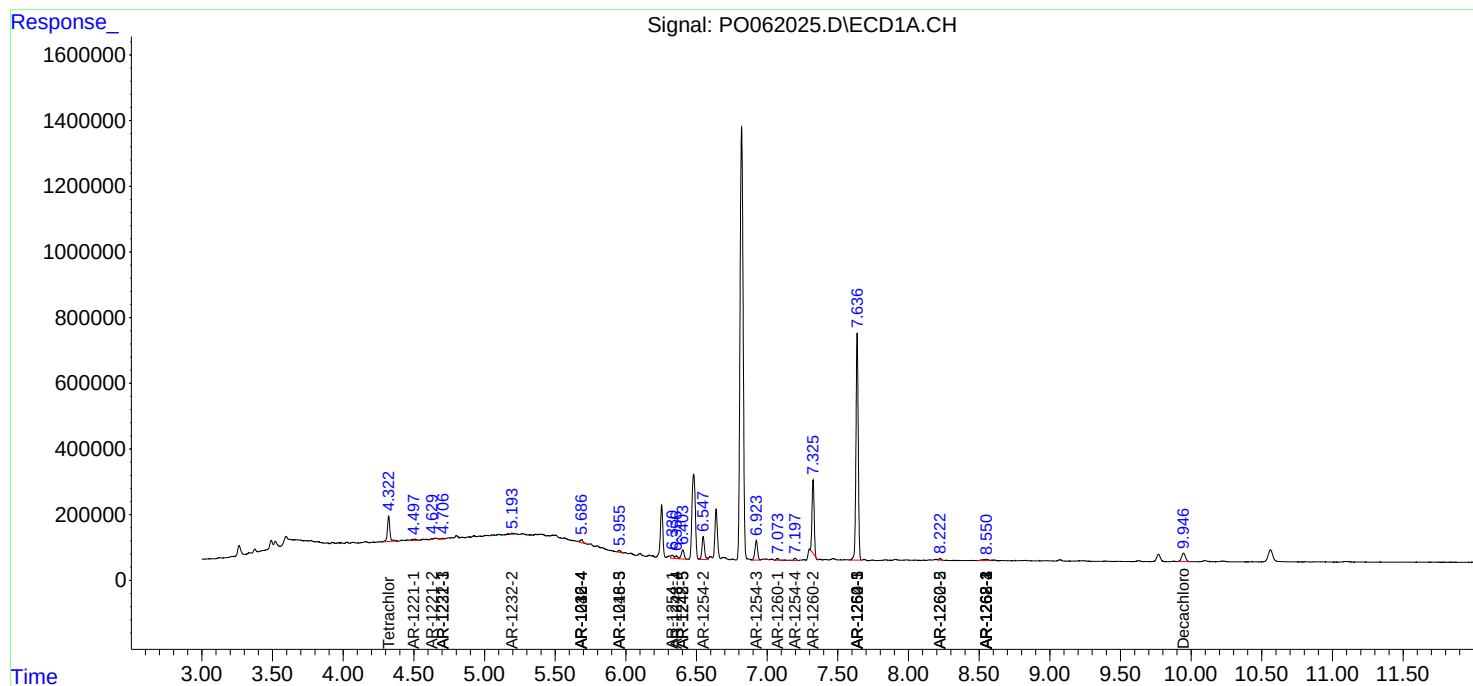
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

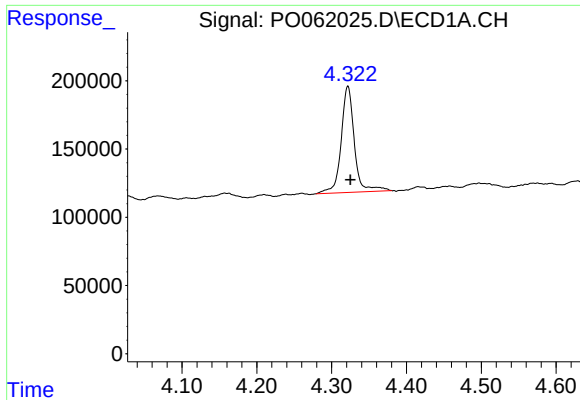
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101519\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

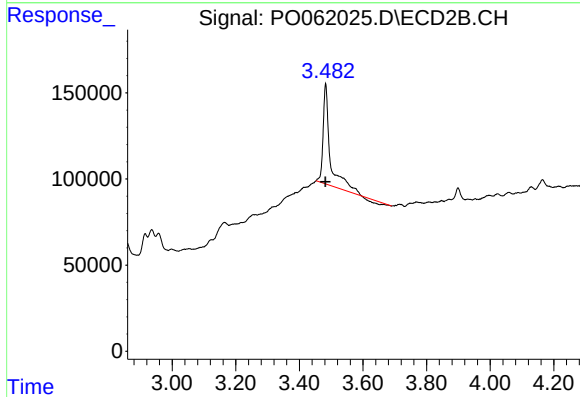




#1 Tetrachloro-m-xylene

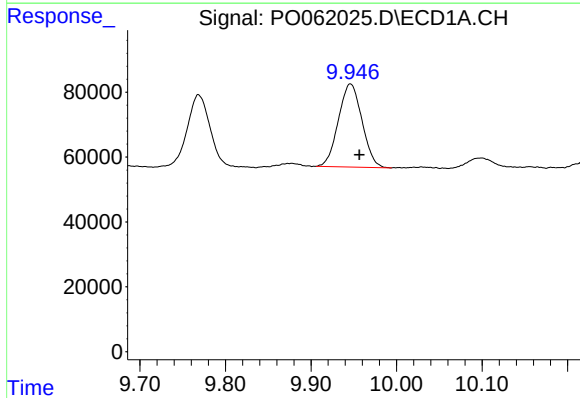
R.T.: 4.322 min
Delta R.T.: -0.003 min
Response: 957696
Conc: 15.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
20190897-AMENDED-COMP-KM-CA



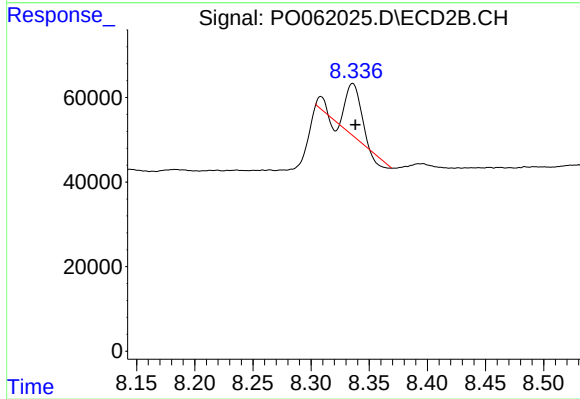
#1 Tetrachloro-m-xylene

R.T.: 3.483 min
Delta R.T.: 0.001 min
Response: 872861
Conc: 20.36 ng/ml



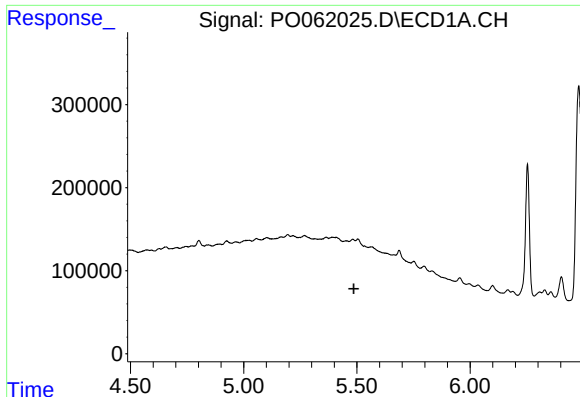
#2 Decachlorobiphenyl

R.T.: 9.946 min
Delta R.T.: -0.010 min
Response: 490995
Conc: 8.78 ng/ml



#2 Decachlorobiphenyl

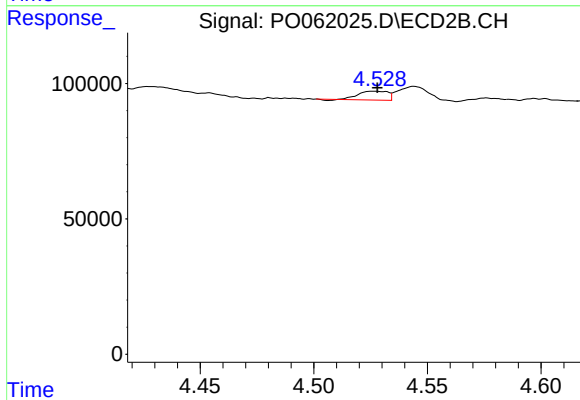
R.T.: 8.336 min
Delta R.T.: -0.002 min
Response: 103229
Conc: 3.52 ng/ml



#3 AR-1016-1

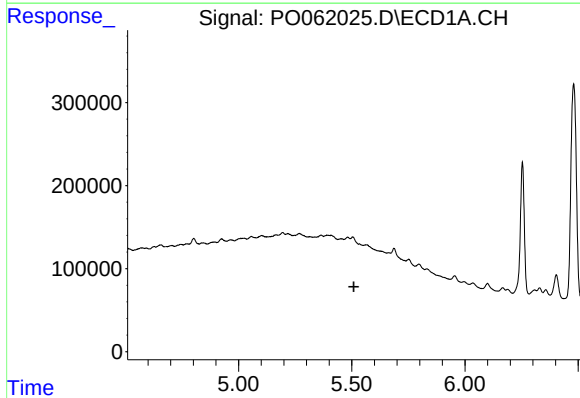
R.T.: 0.000 min
Exp R.T.: 5.487 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
20190897-AMENDED-COMP-KM-CA



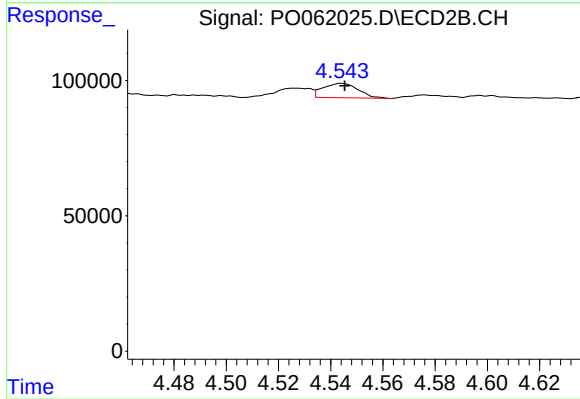
#3 AR-1016-1

R.T.: 4.527 min
Delta R.T.: -0.001 min
Response: 29093
Conc: 18.60 ng/ml



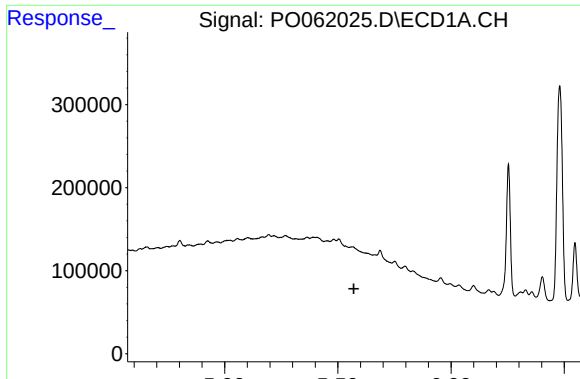
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.509 min
Response: 0
Conc: N.D.



#4 AR-1016-2

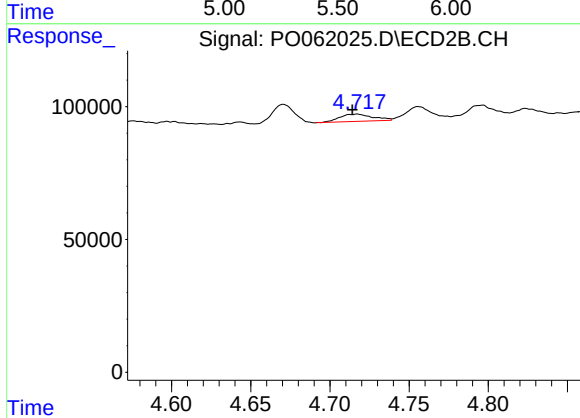
R.T.: 4.544 min
Delta R.T.: -0.001 min
Response: 49920
Conc: 21.46 ng/ml



#5 AR-1016-3

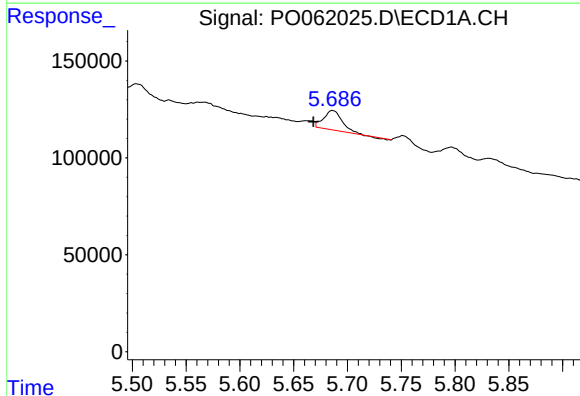
R.T.: 0.000 min
Exp R.T.: 5.571 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
20190897-AMENDED-COMP-KM-CA



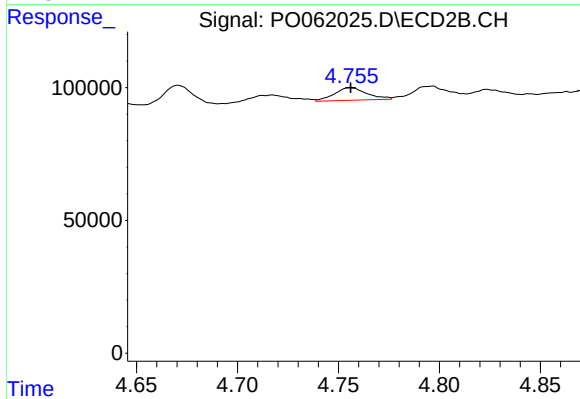
#5 AR-1016-3

R.T.: 4.717 min
Delta R.T.: 0.003 min
Response: 39704
Conc: 32.12 ng/ml



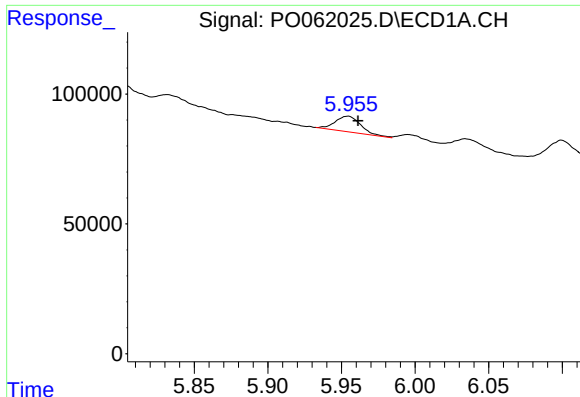
#6 AR-1016-4

R.T.: 5.686 min
Delta R.T.: 0.018 min
Response: 118927
Conc: 70.17 ng/ml



#6 AR-1016-4

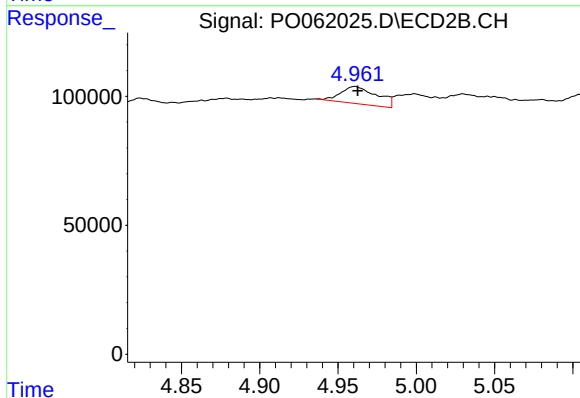
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 53232
Conc: 54.17 ng/ml



#7 AR-1016-5

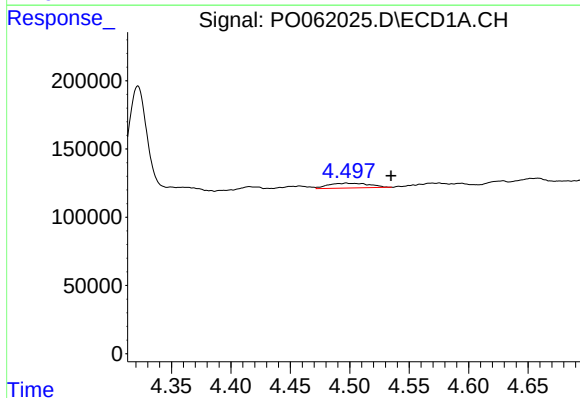
R.T.: 5.954 min
Delta R.T.: -0.007 min
Response: 73266
Conc: 41.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
20190897-AMENDED-COMP-KM-CA



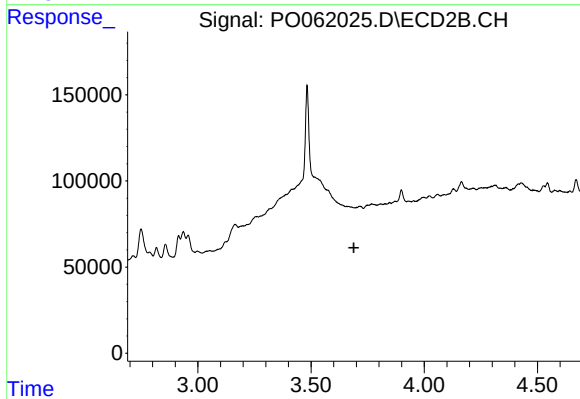
#7 AR-1016-5

R.T.: 4.961 min
Delta R.T.: -0.002 min
Response: 108122
Conc: 83.84 ng/ml



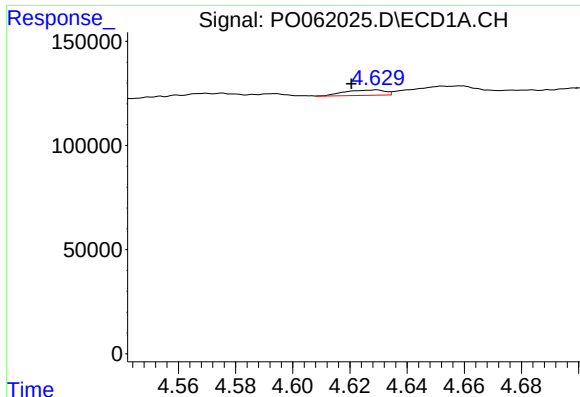
#8 AR-1221-1

R.T.: 4.497 min
Delta R.T.: -0.037 min
Response: 85921
Conc: 123.47 ng/ml



#8 AR-1221-1

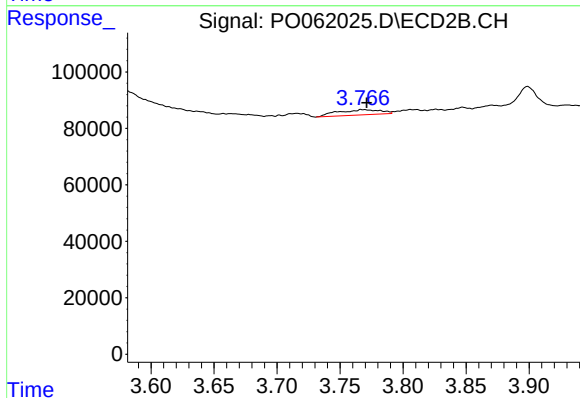
R.T.: 0.000 min
Exp R.T.: 3.689 min
Response: 0
Conc: N.D.



#9 AR-1221-2

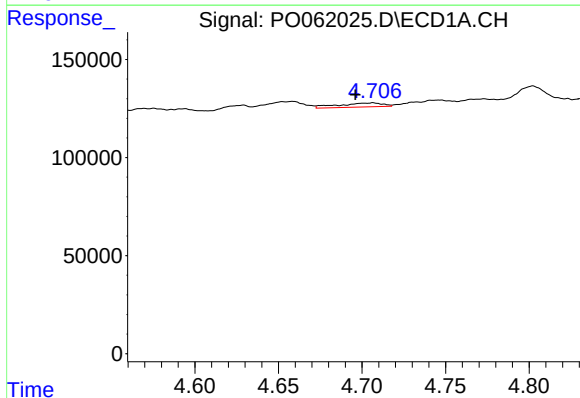
R.T.: 4.629 min
Delta R.T.: 0.008 min
Response: 25747
Conc: 49.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
20190897-AMENDED-COMP-KM-CA



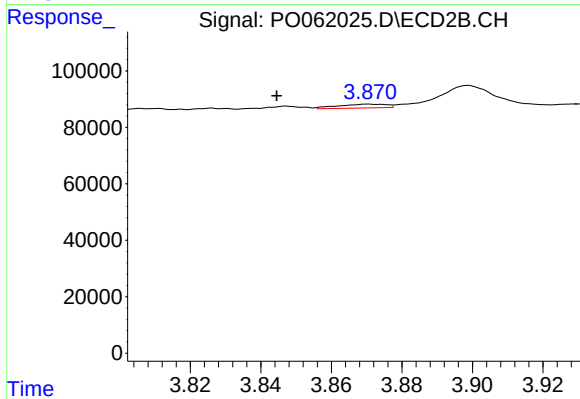
#9 AR-1221-2

R.T.: 3.768 min
Delta R.T.: -0.003 min
Response: 44153
Conc: 114.91 ng/ml



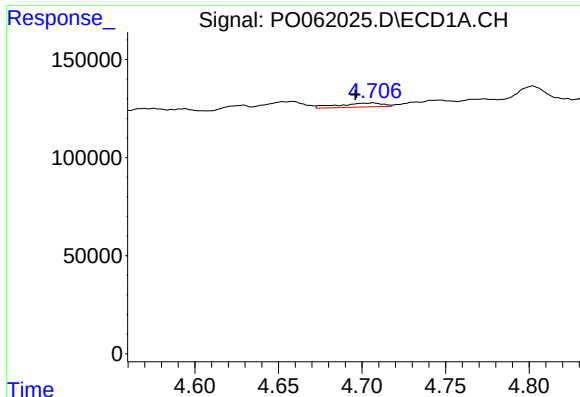
#10 AR-1221-3

R.T.: 4.707 min
Delta R.T.: 0.010 min
Response: 37846
Conc: 23.18 ng/ml



#10 AR-1221-3

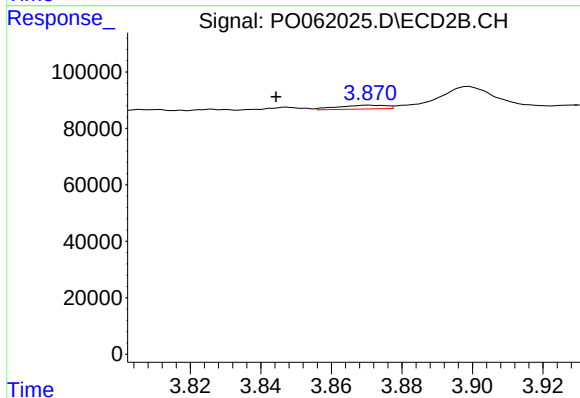
R.T.: 3.871 min
Delta R.T.: 0.026 min
Response: 12600
Conc: 10.71 ng/ml



#11 AR-1232-1

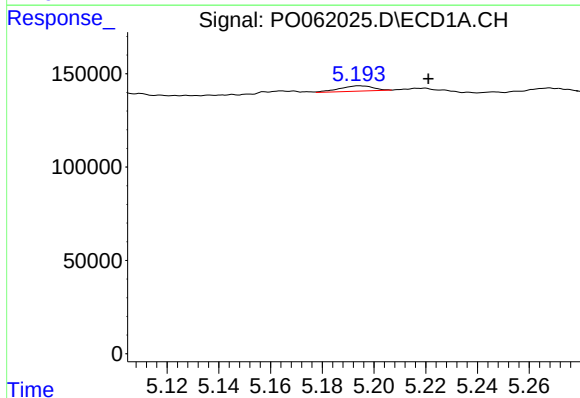
R.T.: 4.707 min
Delta R.T.: 0.010 min
Response: 37846
Conc: 17.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
20190897-AMENDED-COMP-KM-CA



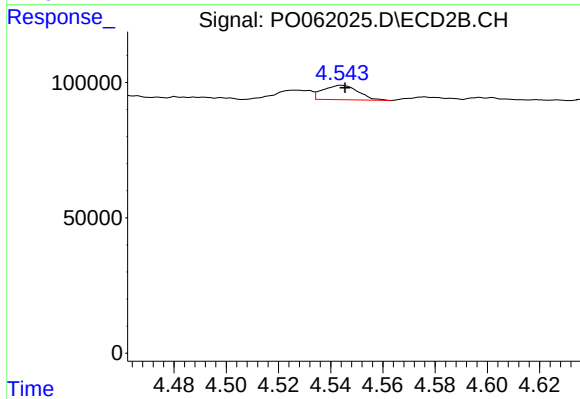
#11 AR-1232-1

R.T.: 3.871 min
Delta R.T.: 0.027 min
Response: 12600
Conc: 8.13 ng/ml



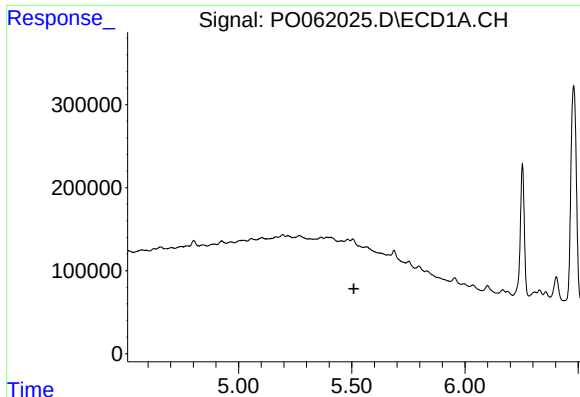
#12 AR-1232-2

R.T.: 5.195 min
Delta R.T.: -0.026 min
Response: 25296
Conc: 21.20 ng/ml



#12 AR-1232-2

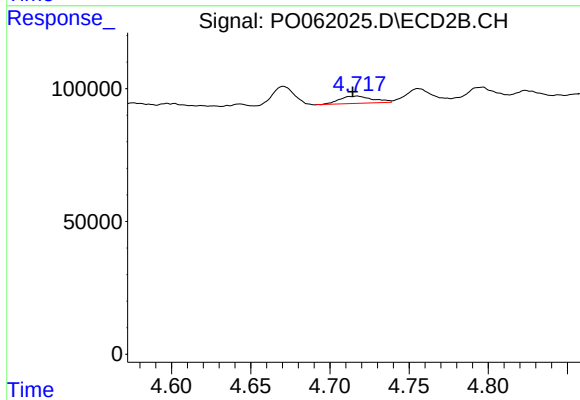
R.T.: 4.544 min
Delta R.T.: -0.001 min
Response: 49920
Conc: 28.91 ng/ml



#13 AR-1232-3

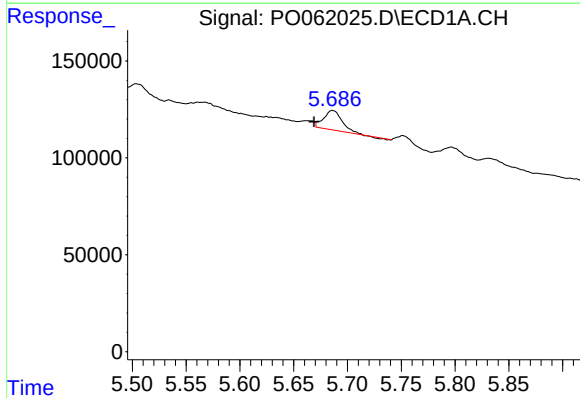
R.T.: 0.000 min
Exp R.T.: 5.509 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
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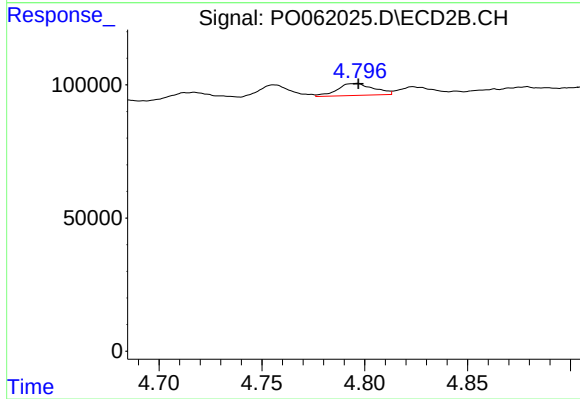
#13 AR-1232-3

R.T.: 4.717 min
Delta R.T.: 0.003 min
Response: 39704
Conc: 43.44 ng/ml



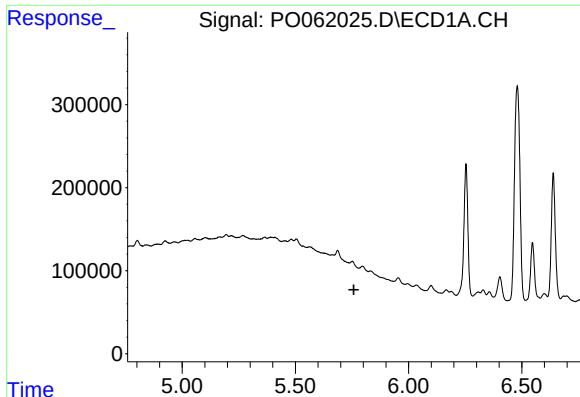
#14 AR-1232-4

R.T.: 5.686 min
Delta R.T.: 0.017 min
Response: 118927
Conc: 92.52 ng/ml



#14 AR-1232-4

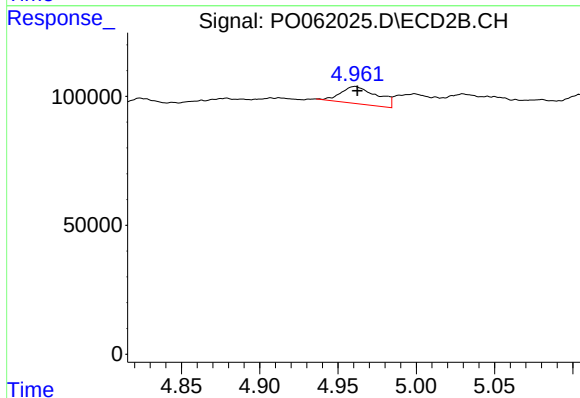
R.T.: 4.796 min
Delta R.T.: -0.001 min
Response: 55653
Conc: 68.41 ng/ml



#15 AR-1232-5

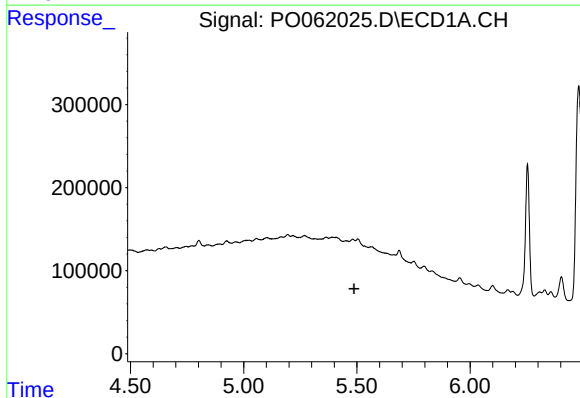
R.T.: 0.000 min
Exp R.T.: 5.758 min
Response: 0
Conc: N.D.

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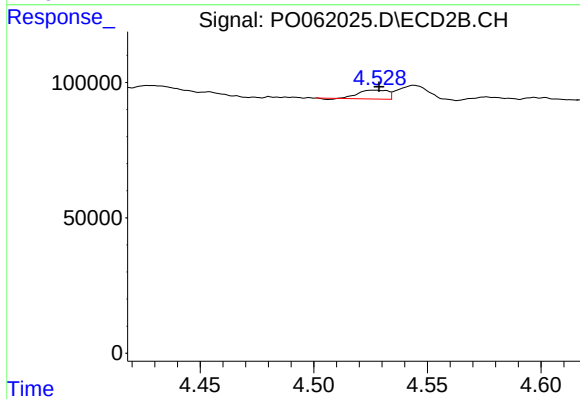
#15 AR-1232-5

R.T.: 4.961 min
Delta R.T.: -0.002 min
Response: 108122
Conc: 122.43 ng/ml



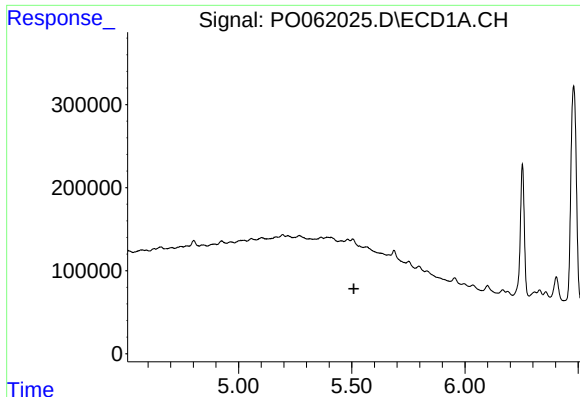
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 5.487 min
Response: 0
Conc: N.D.



#16 AR-1242-1

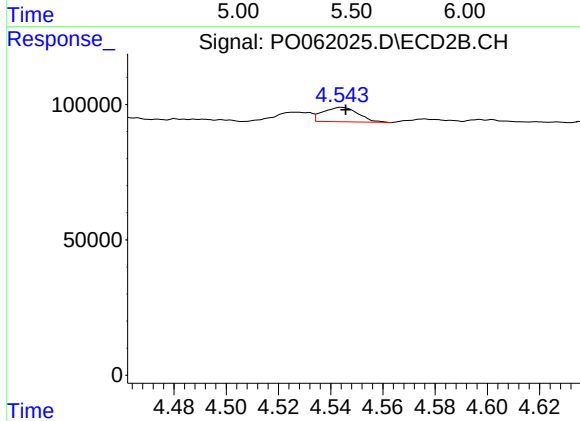
R.T.: 4.527 min
Delta R.T.: -0.002 min
Response: 29093
Conc: 24.19 ng/ml



#17 AR-1242-2

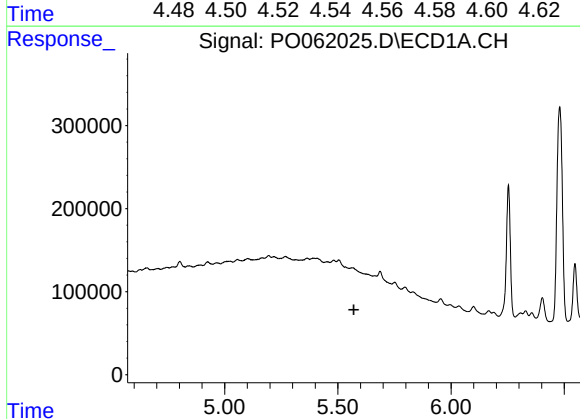
R.T.: 0.000 min
Exp R.T.: 5.509 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
20190897-AMENDED-COMP-KM-CA



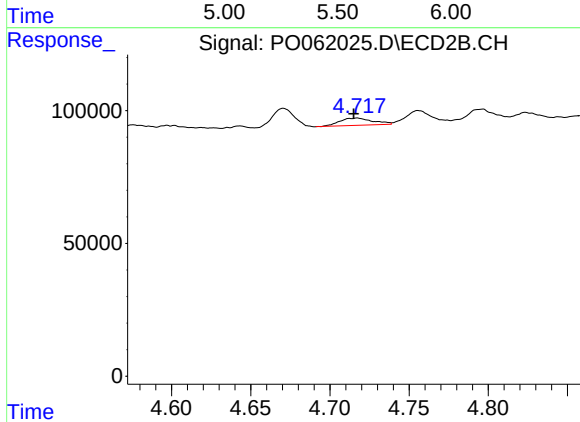
#17 AR-1242-2

R.T.: 4.544 min
Delta R.T.: -0.002 min
Response: 49920
Conc: 28.03 ng/ml



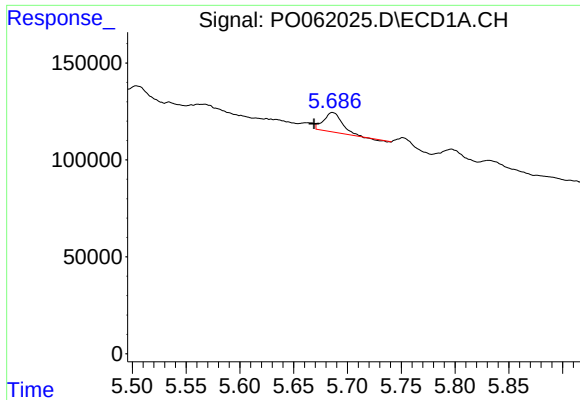
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.571 min
Response: 0
Conc: N.D.



#18 AR-1242-3

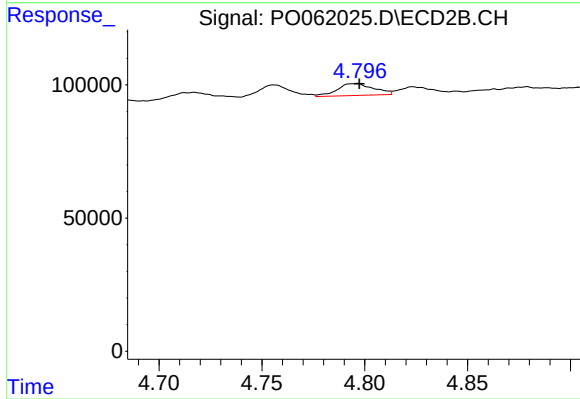
R.T.: 4.717 min
Delta R.T.: 0.002 min
Response: 39704
Conc: 41.70 ng/ml



#19 AR-1242-4

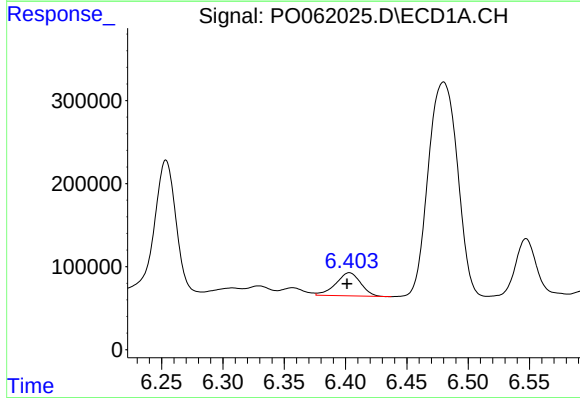
R.T.: 5.686 min
Delta R.T.: 0.017 min
Response: 118927
Conc: 88.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
20190897-AMENDED-COMP-KM-CA



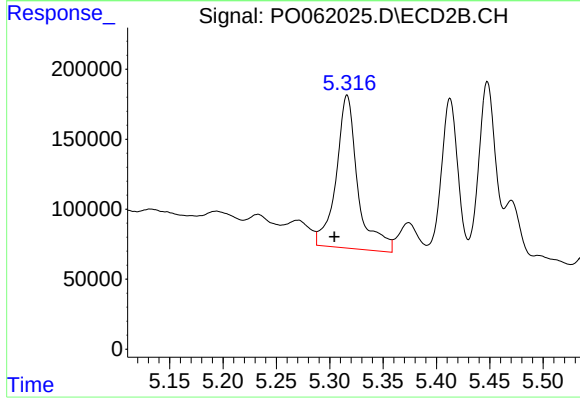
#19 AR-1242-4

R.T.: 4.796 min
Delta R.T.: -0.002 min
Response: 55653
Conc: 58.95 ng/ml



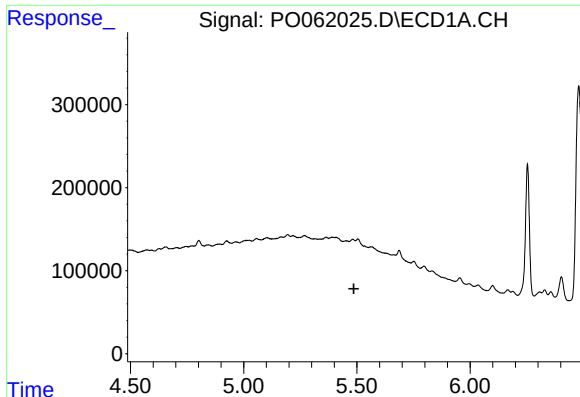
#20 AR-1242-5

R.T.: 6.403 min
Delta R.T.: 0.002 min
Response: 393062
Conc: 257.17 ng/ml



#20 AR-1242-5

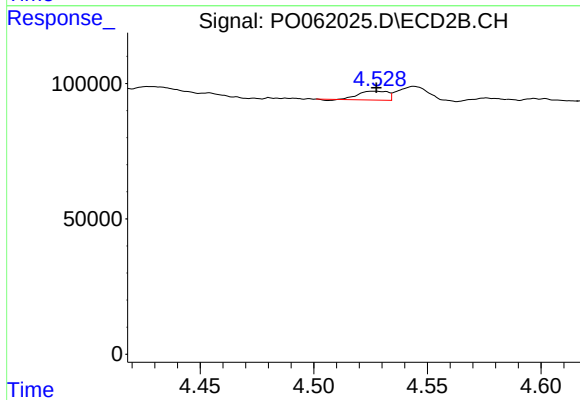
R.T.: 5.316 min
Delta R.T.: 0.012 min
Response: 1548094
Conc: 1297.35 ng/ml



#21 AR-1248-1

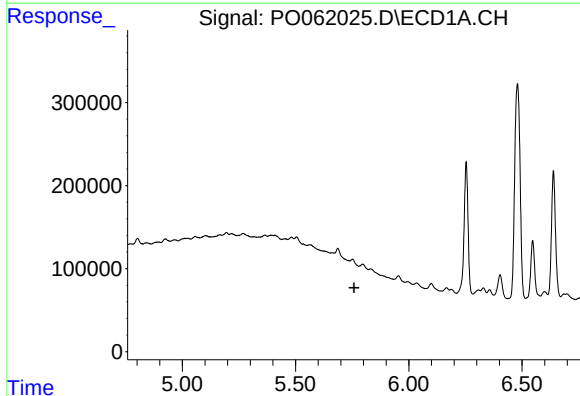
R.T.: 0.000 min
Exp R.T.: 5.487 min
Response: 0
Conc: N.D.

Instrument :
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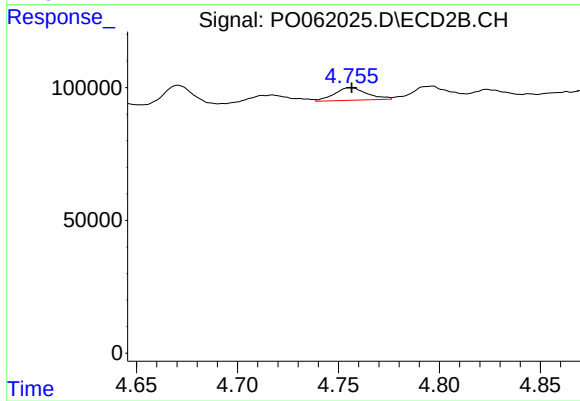
#21 AR-1248-1

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 29093
Conc: 29.63 ng/ml



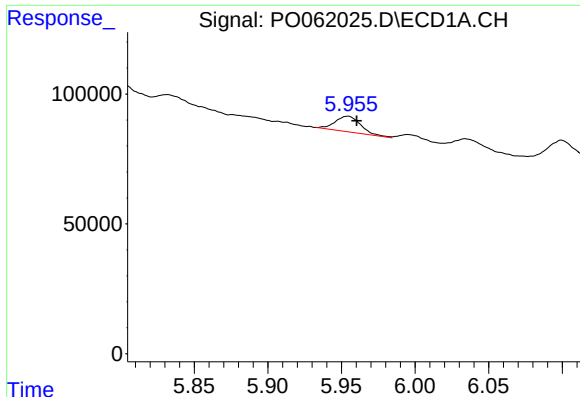
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 5.758 min
Response: 0
Conc: N.D.



#22 AR-1248-2

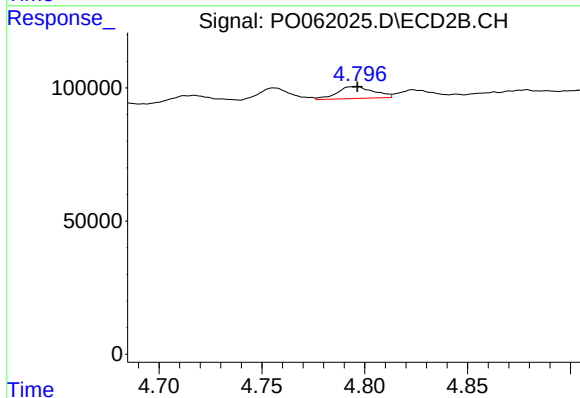
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 53232
Conc: 42.02 ng/ml



#23 AR-1248-3

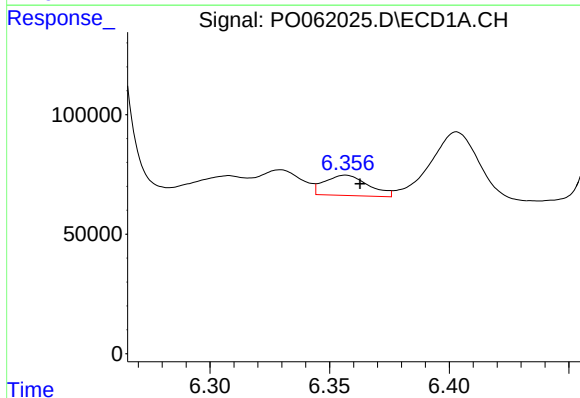
R.T.: 5.954 min
Delta R.T.: -0.006 min
Response: 73266
Conc: 33.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
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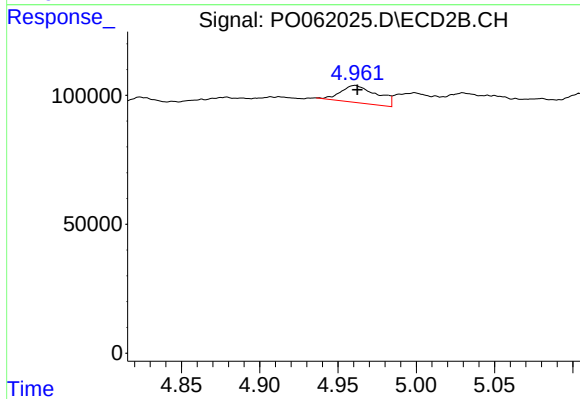
#23 AR-1248-3

R.T.: 4.796 min
Delta R.T.: 0.000 min
Response: 55653
Conc: 41.92 ng/ml



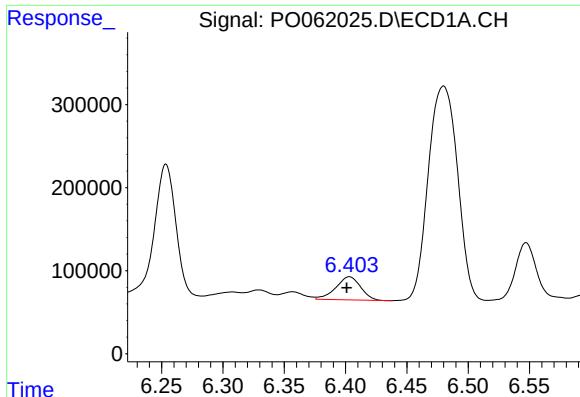
#24 AR-1248-4

R.T.: 6.357 min
Delta R.T.: -0.006 min
Response: 107714
Conc: 42.16 ng/ml



#24 AR-1248-4

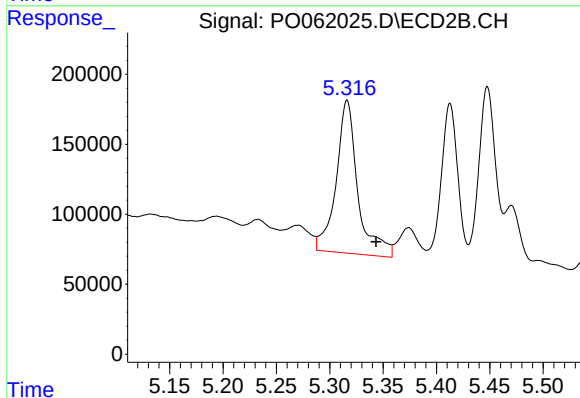
R.T.: 4.961 min
Delta R.T.: -0.002 min
Response: 108122
Conc: 68.33 ng/ml



#25 AR-1248-5

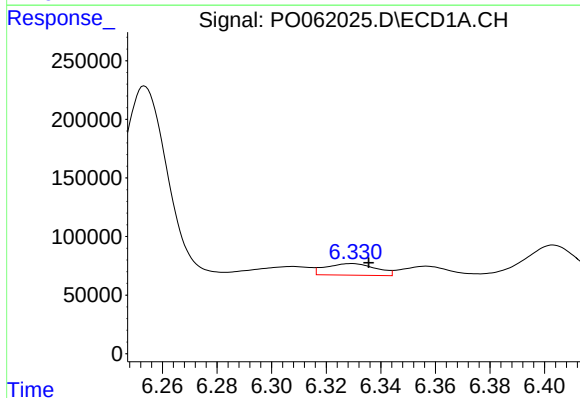
R.T.: 6.403 min
Delta R.T.: 0.002 min
Response: 393062
Conc: 160.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
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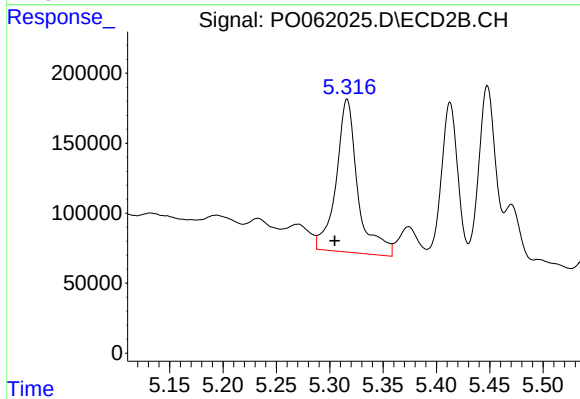
#25 AR-1248-5

R.T.: 5.316 min
Delta R.T.: -0.027 min
Response: 1548094
Conc: 1005.91 ng/ml



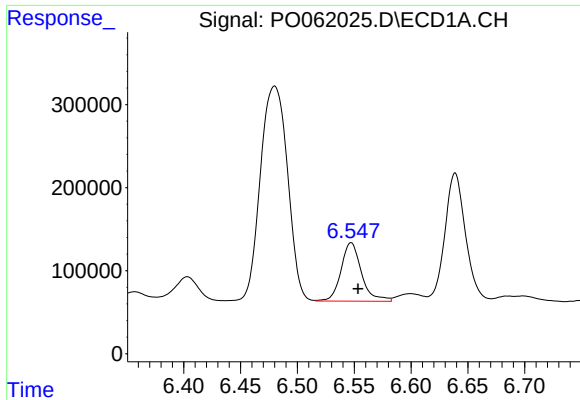
#26 AR-1254-1

R.T.: 6.329 min
Delta R.T.: -0.006 min
Response: 126357
Conc: 47.40 ng/ml



#26 AR-1254-1

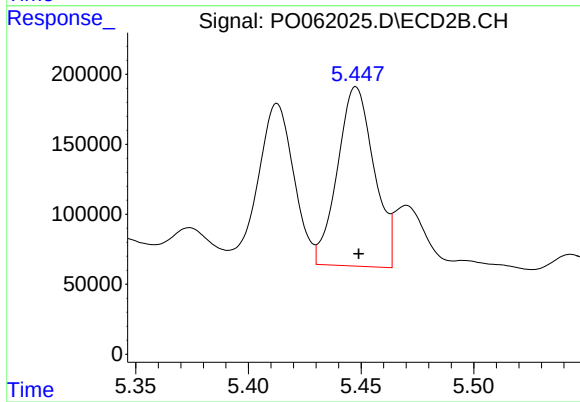
R.T.: 5.316 min
Delta R.T.: 0.012 min
Response: 1548094
Conc: 632.96 ng/ml



#27 AR-1254-2

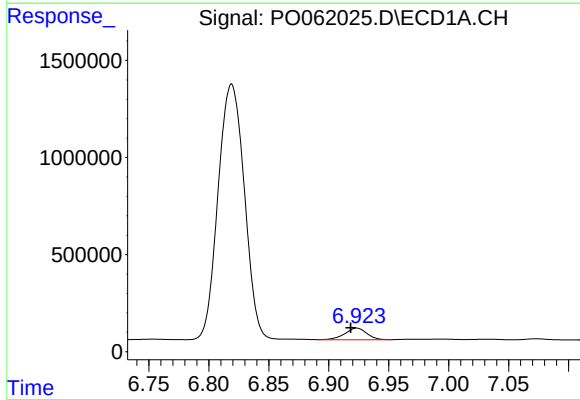
R.T.: 6.547 min
Delta R.T.: -0.006 min
Response: 887049
Conc: 216.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
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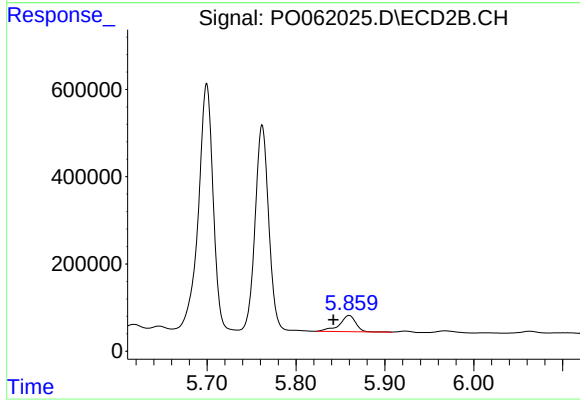
#27 AR-1254-2

R.T.: 5.448 min
Delta R.T.: -0.001 min
Response: 1445637
Conc: 682.59 ng/ml



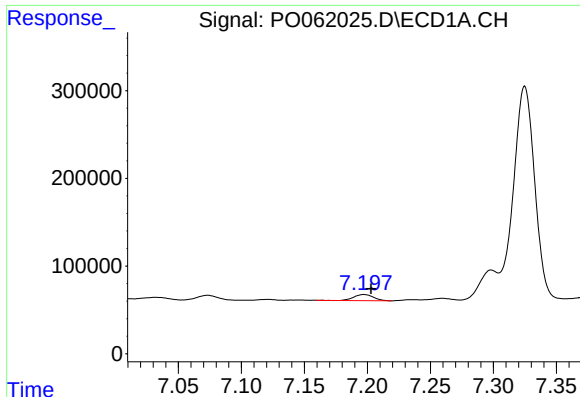
#28 AR-1254-3

R.T.: 6.923 min
Delta R.T.: 0.005 min
Response: 773379
Conc: 184.84 ng/ml



#28 AR-1254-3

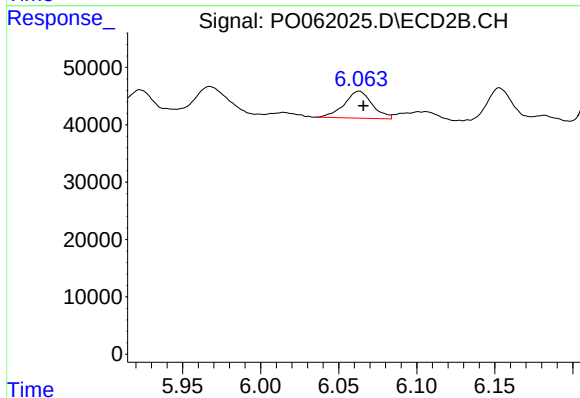
R.T.: 5.860 min
Delta R.T.: 0.018 min
Response: 474690
Conc: 145.69 ng/ml



#29 AR-1254-4

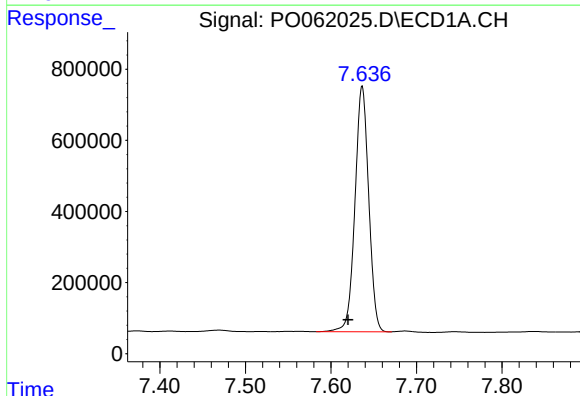
R.T.: 7.197 min
Delta R.T.: -0.006 min
Response: 75237
Conc: 24.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
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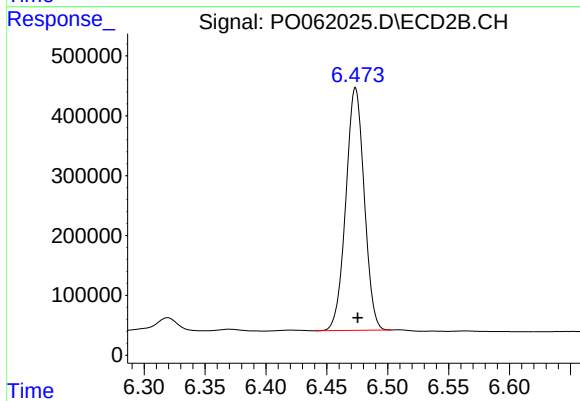
#29 AR-1254-4

R.T.: 6.063 min
Delta R.T.: -0.003 min
Response: 58770
Conc: 30.43 ng/ml



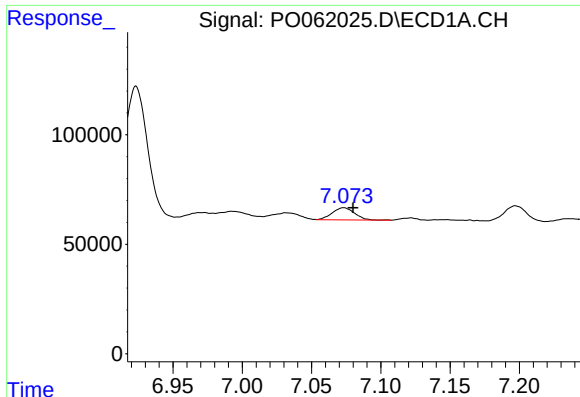
#30 AR-1254-5

R.T.: 7.637 min
Delta R.T.: 0.016 min
Response: 7700047
Conc: 2457.02 ng/ml



#30 AR-1254-5

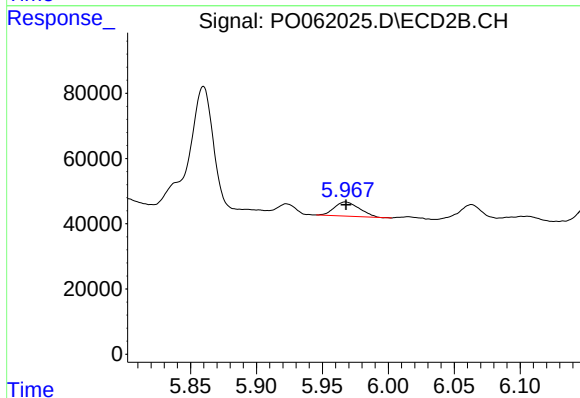
R.T.: 6.474 min
Delta R.T.: -0.002 min
Response: 4259258
Conc: 1612.62 ng/ml



#31 AR-1260-1

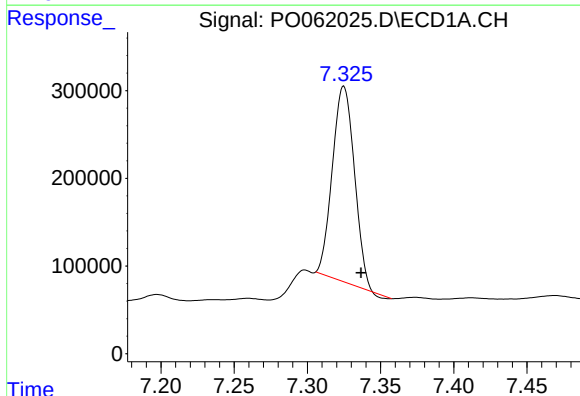
R.T.: 7.073 min
Delta R.T.: -0.007 min
Response: 62625
Conc: 22.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
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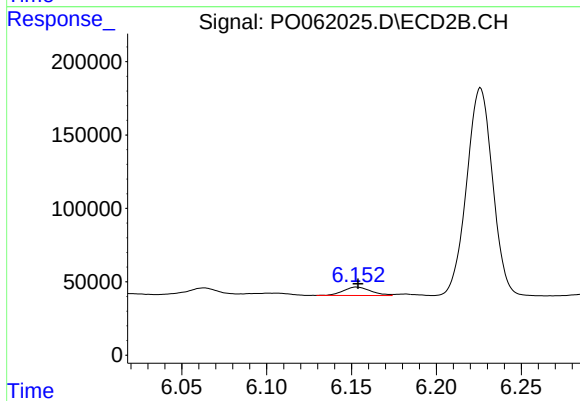
#31 AR-1260-1

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 57348
Conc: 26.99 ng/ml



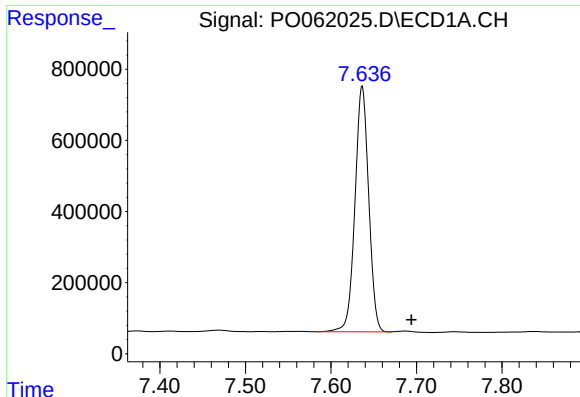
#32 AR-1260-2

R.T.: 7.325 min
Delta R.T.: -0.012 min
Response: 2330931
Conc: 679.46 ng/ml



#32 AR-1260-2

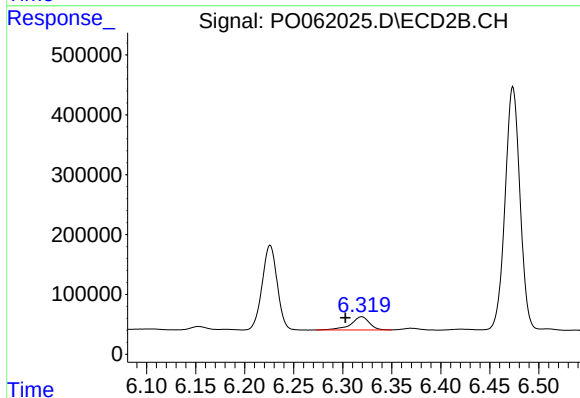
R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 65013
Conc: 25.62 ng/ml



#33 AR-1260-3

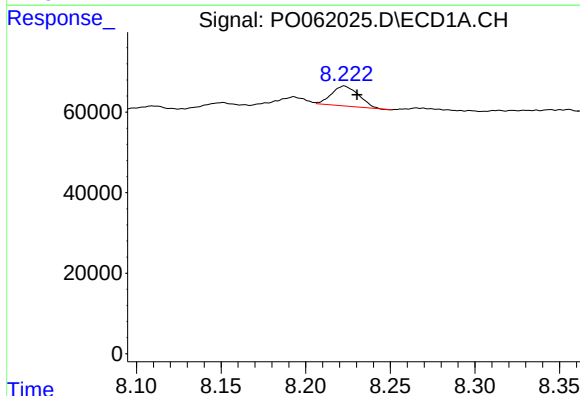
R.T.: 7.637 min
Delta R.T.: -0.057 min
Response: 7700047
Conc: 2909.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
20190897-AMENDED-COMP-KM-CA



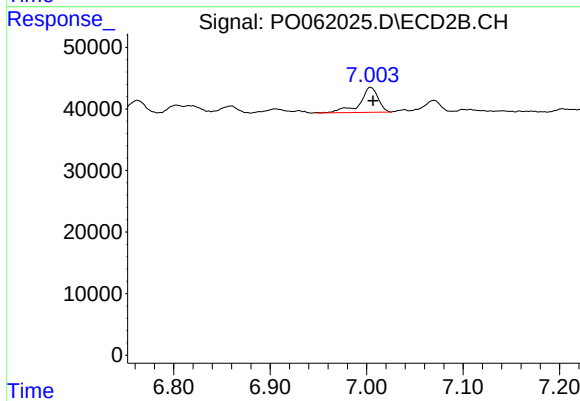
#33 AR-1260-3

R.T.: 6.319 min
Delta R.T.: 0.016 min
Response: 296741
Conc: 131.41 ng/ml



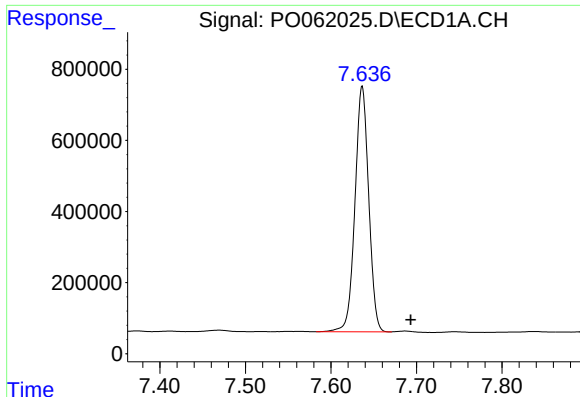
#35 AR-1260-5

R.T.: 8.223 min
Delta R.T.: -0.007 min
Response: 54912
Conc: 10.49 ng/ml



#35 AR-1260-5

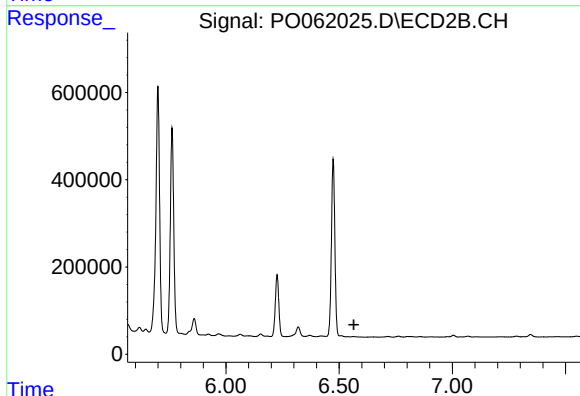
R.T.: 7.004 min
Delta R.T.: -0.002 min
Response: 53869
Conc: 14.95 ng/ml



#36 AR-1262-1

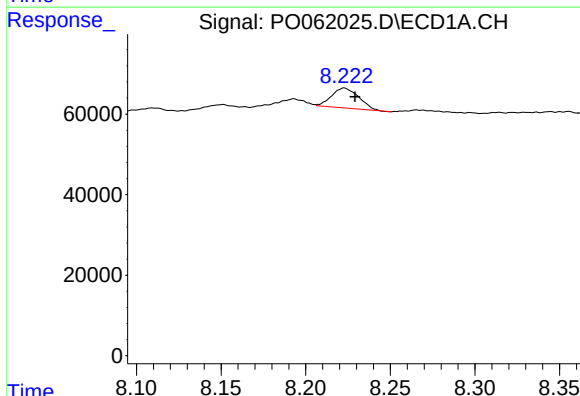
R.T.: 7.637 min
Delta R.T.: -0.057 min
Response: 7700047
Conc: 1875.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
20190897-AMENDED-COMP-KM-CA



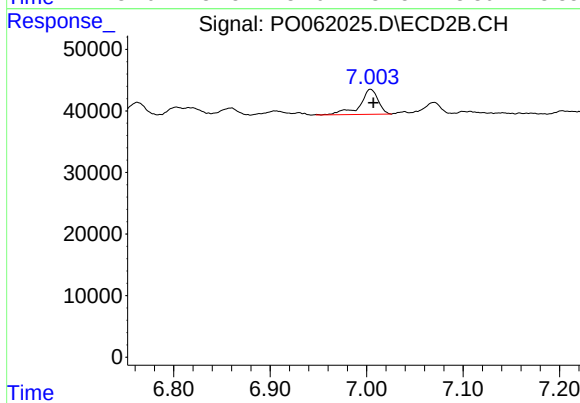
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.565 min
Response: 0
Conc: N.D.



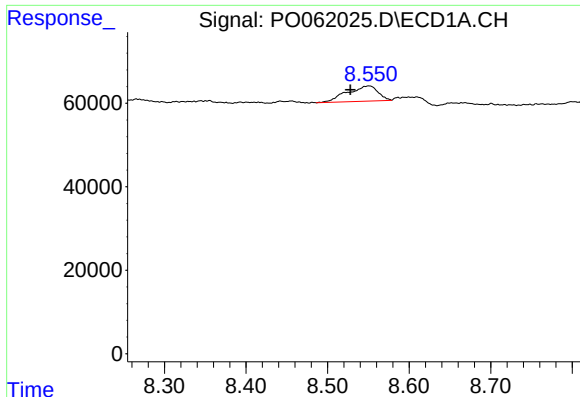
#37 AR-1262-2

R.T.: 8.223 min
Delta R.T.: -0.006 min
Response: 54912
Conc: 8.52 ng/ml



#37 AR-1262-2

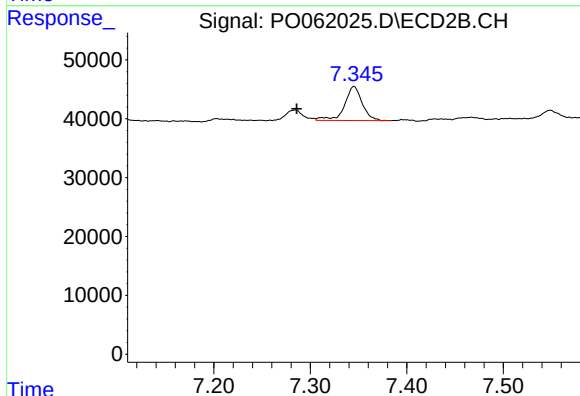
R.T.: 7.004 min
Delta R.T.: -0.003 min
Response: 53869
Conc: 12.82 ng/ml



#38 AR-1262-3

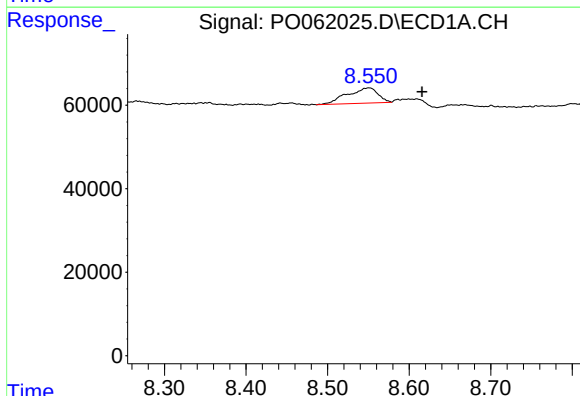
R.T.: 8.551 min
Delta R.T.: 0.023 min
Response: 96138
Conc: 21.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
20190897-AMENDED-COMP-KM-CA



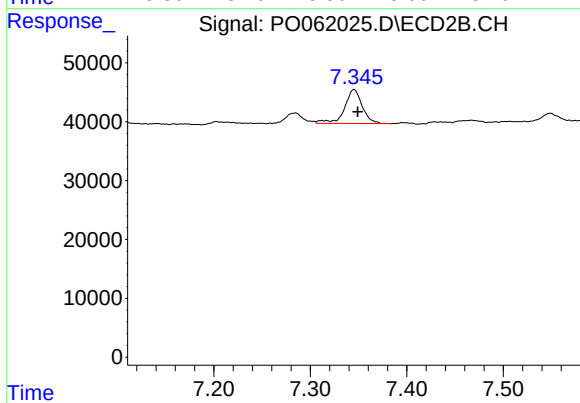
#38 AR-1262-3

R.T.: 7.345 min
Delta R.T.: 0.060 min
Response: 73744
Conc: 41.93 ng/ml



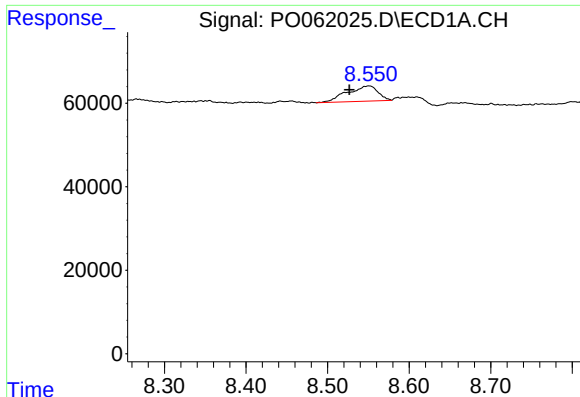
#39 AR-1262-4

R.T.: 8.551 min
Delta R.T.: -0.065 min
Response: 96138
Conc: 27.83 ng/ml



#39 AR-1262-4

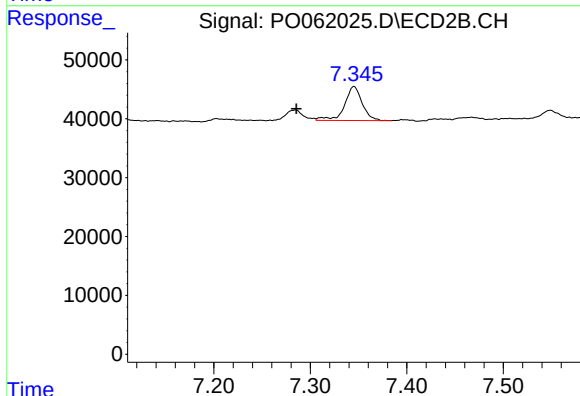
R.T.: 7.345 min
Delta R.T.: -0.004 min
Response: 73744
Conc: 24.12 ng/ml



#41 AR-1268-1

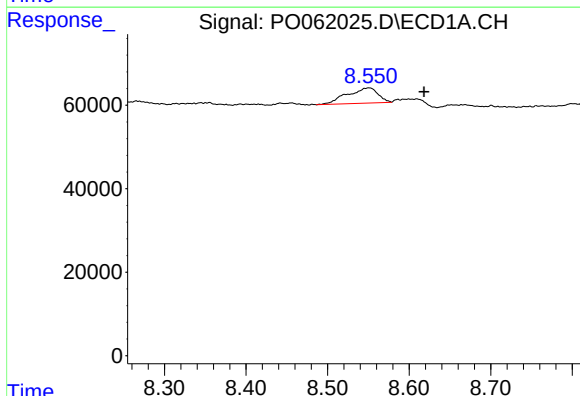
R.T.: 8.551 min
Delta R.T.: 0.024 min
Response: 96138
Conc: 12.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
20190897-AMENDED-COMP-KM-CA



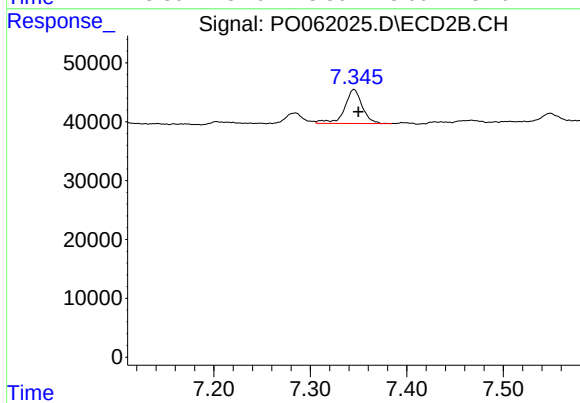
#41 AR-1268-1

R.T.: 7.345 min
Delta R.T.: 0.060 min
Response: 73744
Conc: 15.75 ng/ml



#42 AR-1268-2

R.T.: 8.551 min
Delta R.T.: -0.067 min
Response: 96138
Conc: 13.69 ng/ml



#42 AR-1268-2

R.T.: 7.345 min
Delta R.T.: -0.004 min
Response: 73744
Conc: 17.65 ng/ml