

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR061523\
 Data File : PR061831.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jun 2023 19:04
 Operator : YP\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 15 20:57:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR060623CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 07 04:58:45 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.694	2.963	47835985	58629419	19.497	20.020
2)	SA Decachlor...	9.636	8.253	55362009	146.0E6	40.580	40.508
Target Compounds							
3)	L1 AR-1016-1	4.924	4.088	28756212	41006822	396.236	408.858
4)	L1 AR-1016-2	4.946	4.107	41121386	56105026	396.726	407.437
5)	L1 AR-1016-3	5.011	4.287	26401744	31793736	401.255	410.432
6)	L1 AR-1016-4	5.113	4.337	21299281	25521538	393.975	412.812
7)	L1 AR-1016-5	5.431	4.557	21608233	33504350	400.160	411.932
8)	L2 AR-1221-1	3.913	3.188	3247895	4526750	107.051	118.603
9)	L2 AR-1221-2	4.006	3.276	4226804	5886522	198.349	214.405
10)	L2 AR-1221-3	4.085	3.354	17457110	23244600	259.103	266.879
11)	L3 AR-1232-1	4.085	3.354	17457110	23244600	312.801	318.529
12)	L3 AR-1232-2	4.638	4.107	23834725	56105026	862.260	862.007
13)	L3 AR-1232-3	4.946	4.287	41121386	31793736	854.949	875.231
14)	L3 AR-1232-4	5.113	4.379	21299281	31023040	852.521	965.677
15)	L3 AR-1232-5	5.217	4.557	17893519	33504350	930.244	917.789
16)	L4 AR-1242-1	4.924	4.088	28756212	41006822	462.962	484.138
17)	L4 AR-1242-2	4.946	4.107	41121386	56105026	475.043	482.564
18)	L4 AR-1242-3	5.011	4.287	26401744	31793736	461.846	483.722
19)	L4 AR-1242-4	5.113	4.379	21299281	31023040	462.375	485.574
20)	L4 AR-1242-5	5.905	4.929	5368345	33908525	122.764	411.116 #
21)	L5 AR-1248-1	4.924	4.088	28756212	41006822	624.842	627.595
22)	L5 AR-1248-2	5.217	4.337	17893519	25521538	267.122	275.976
23)	L5 AR-1248-3	5.431	4.379	21608233	31023040	284.789	326.896
24)	L5 AR-1248-4	5.865	4.557	6560574	33504350	84.780	293.549 #
25)	L5 AR-1248-5	5.905	4.971	5368345	8796914	72.139	77.123
26)	L6 AR-1254-1	5.836	4.929	18977358	33908525	222.264	193.884
27)	L6 AR-1254-2	6.073	5.088	15746074	24770302	125.619	162.446 #
28)	L6 AR-1254-3	6.467	5.533	6878491	48049765	55.735	189.474 #
29)	L6 AR-1254-4	6.777	5.760	3914097	4466673	44.910	27.127 #
30)	L6 AR-1254-5	7.234	6.207	45585671	97835727	494.213	394.823
31)	L7 AR-1260-1	6.647	5.654	38141990	71640508	406.340	419.046
32)	L7 AR-1260-2	6.929	5.859	41930812	87069032	400.338	417.997
33)	L7 AR-1260-3	7.321	6.020	31176784	82689770	408.379	404.378
34)	L7 AR-1260-4	7.564	6.528	34287479	73258497	401.554	415.174
35)	L7 AR-1260-5	7.901	6.793	59467405	170.7E6	391.535	411.006
36)	L8 AR-1262-1	7.321	6.252	31176784	74427722	280.915	299.041
37)	L8 AR-1262-2	7.901	6.793	59467405	170.7E6	339.298	364.899
38)	L8 AR-1262-3	8.217	7.099	36736211	37983827	312.272	202.212 #
39)	L8 AR-1262-4	8.279	7.166	11862509	126.6E6	205.359	356.018 #
40)	L8 AR-1262-5	8.928	7.707	15845725	47249269	260.582	267.908
41)	L9 AR-1268-1	8.217	7.099	36736211	37983827	218.819	86.786 #

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 Operator : YP\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

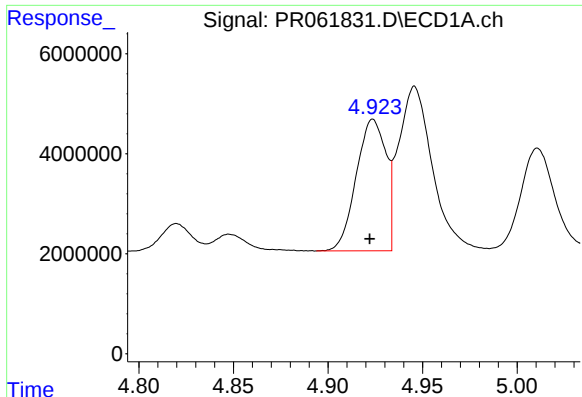
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 15 20:57:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR060623CLP.M
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	8.296	7.166	10070802	126.6E6	64.416	313.569 #
43) L9	AR-1268-3	8.520	7.394	1809328	2289642	13.816	6.531 #
44) L9	AR-1268-4	8.928	7.707	15845725	47249269	290.840	300.671
45) L9	AR-1268-5	9.319	8.003	4214852	12503576	10.680	11.018

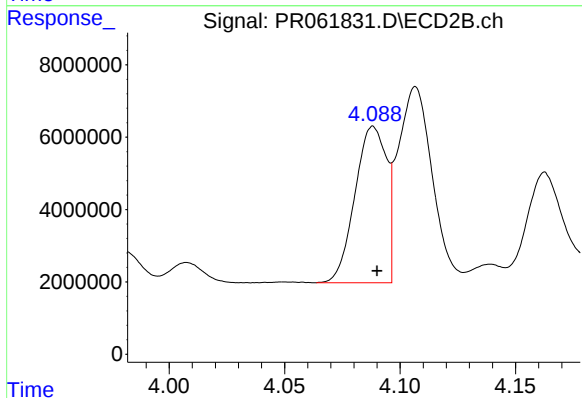
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

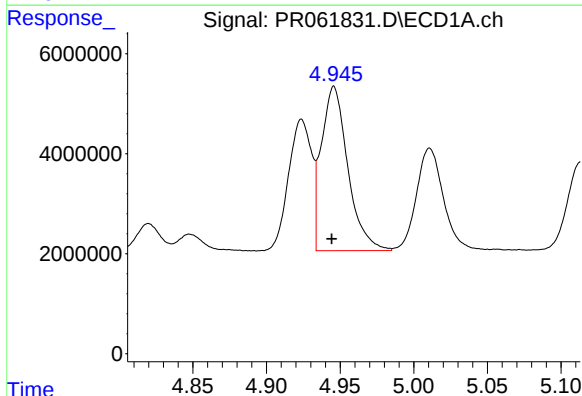
R.T.: 4.924 min
Delta R.T.: 0.002 min
Response: 28756212
Conc: 396.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



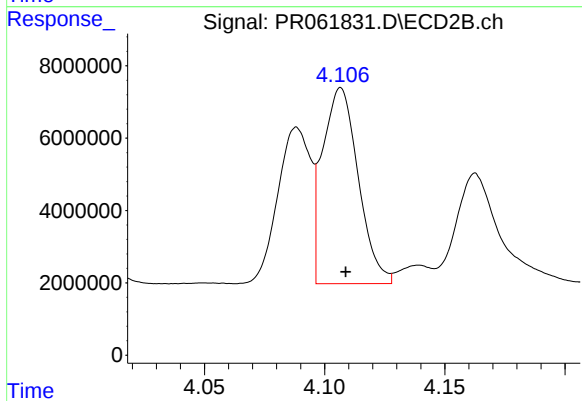
#3 AR-1016-1

R.T.: 4.088 min
Delta R.T.: -0.002 min
Response: 41006822
Conc: 408.86 ng/ml



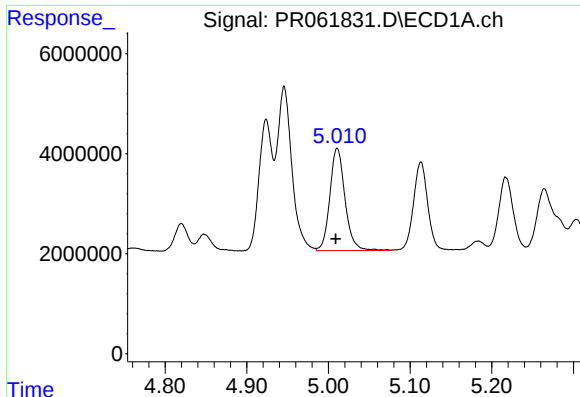
#4 AR-1016-2

R.T.: 4.946 min
Delta R.T.: 0.002 min
Response: 41121386
Conc: 396.73 ng/ml



#4 AR-1016-2

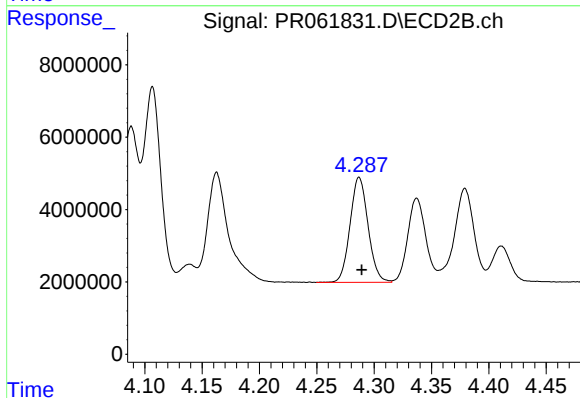
R.T.: 4.107 min
Delta R.T.: -0.002 min
Response: 56105026
Conc: 407.44 ng/ml



#5 AR-1016-3

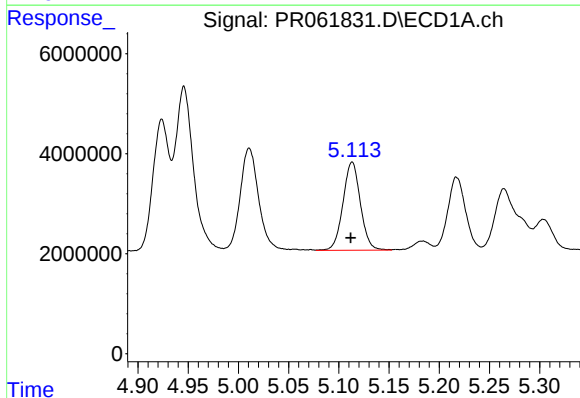
R.T.: 5.011 min
Delta R.T.: 0.002 min
Response: 26401744
Conc: 401.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



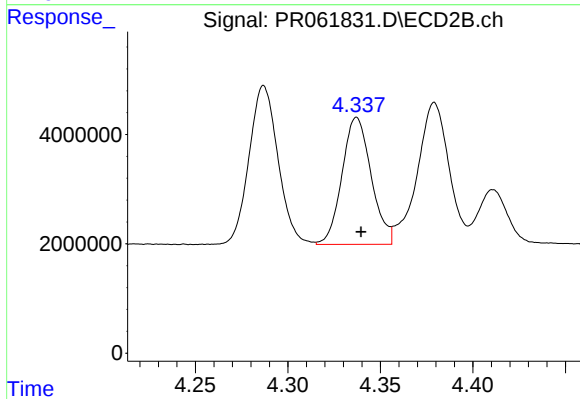
#5 AR-1016-3

R.T.: 4.287 min
Delta R.T.: -0.002 min
Response: 31793736
Conc: 410.43 ng/ml



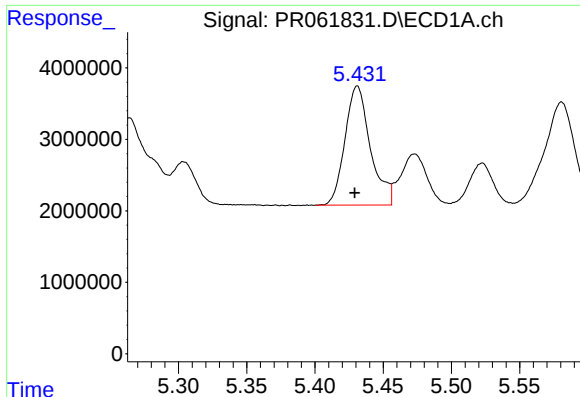
#6 AR-1016-4

R.T.: 5.113 min
Delta R.T.: 0.001 min
Response: 21299281
Conc: 393.98 ng/ml



#6 AR-1016-4

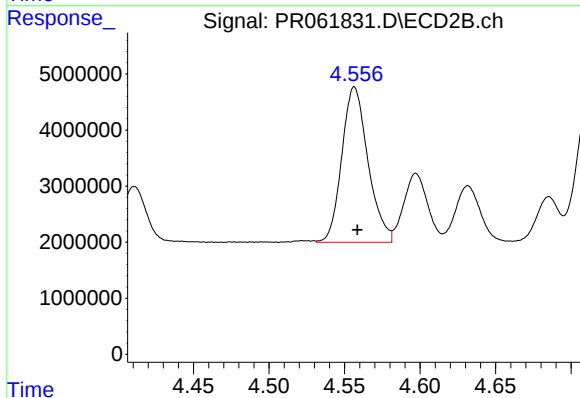
R.T.: 4.337 min
Delta R.T.: -0.003 min
Response: 25521538
Conc: 412.81 ng/ml



#7 AR-1016-5

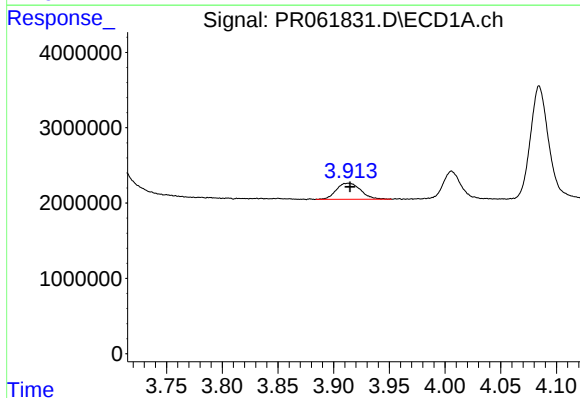
R.T.: 5.431 min
Delta R.T.: 0.002 min
Response: 21608233
Conc: 400.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



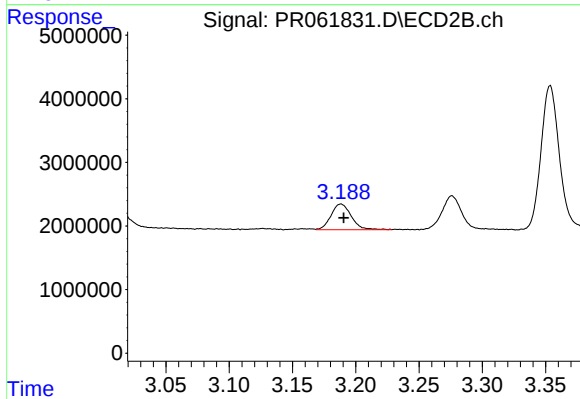
#7 AR-1016-5

R.T.: 4.557 min
Delta R.T.: -0.002 min
Response: 33504350
Conc: 411.93 ng/ml



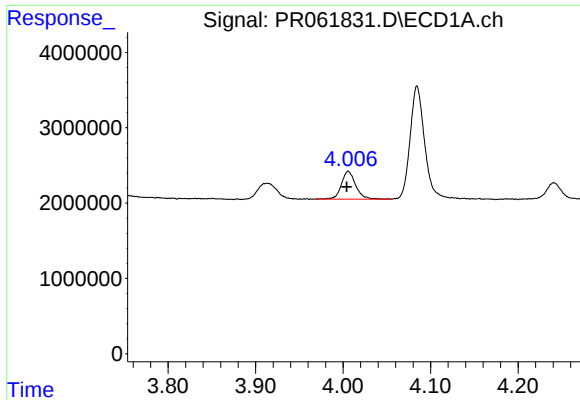
#8 AR-1221-1

R.T.: 3.913 min
Delta R.T.: -0.001 min
Response: 3247895
Conc: 107.05 ng/ml



#8 AR-1221-1

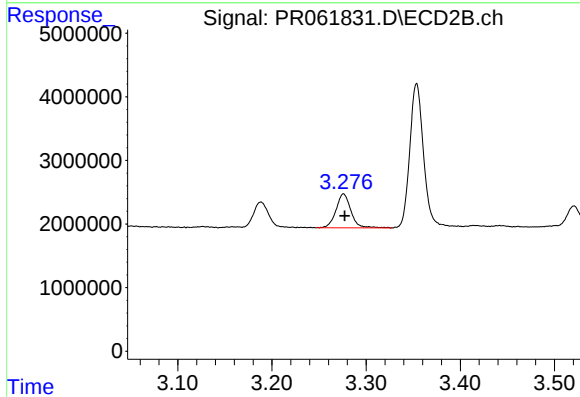
R.T.: 3.188 min
Delta R.T.: -0.002 min
Response: 4526750
Conc: 118.60 ng/ml



#9 AR-1221-2

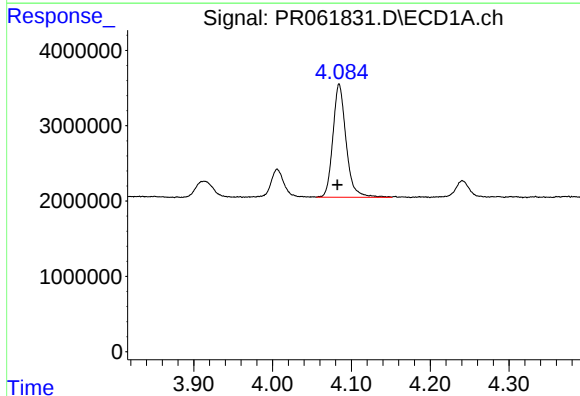
R.T.: 4.006 min
Delta R.T.: 0.002 min
Response: 4226804
Conc: 198.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



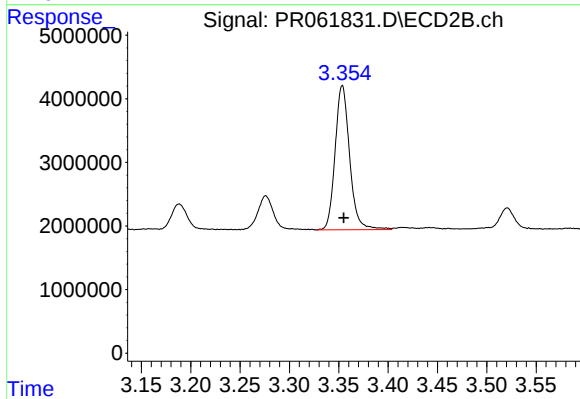
#9 AR-1221-2

R.T.: 3.276 min
Delta R.T.: -0.001 min
Response: 5886522
Conc: 214.40 ng/ml



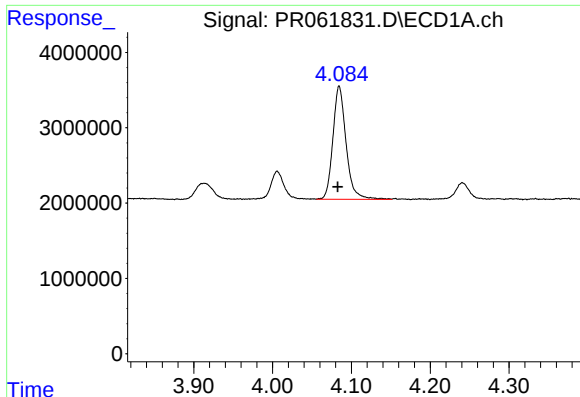
#10 AR-1221-3

R.T.: 4.085 min
Delta R.T.: 0.002 min
Response: 17457110
Conc: 259.10 ng/ml



#10 AR-1221-3

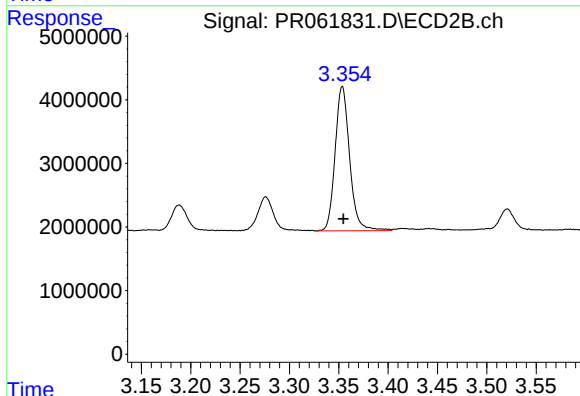
R.T.: 3.354 min
Delta R.T.: -0.001 min
Response: 23244600
Conc: 266.88 ng/ml



#11 AR-1232-1

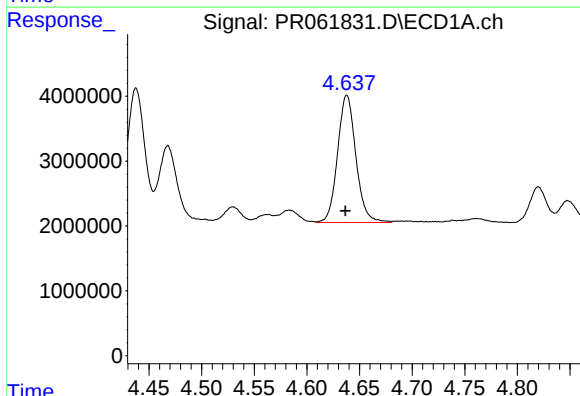
R.T.: 4.085 min
Delta R.T.: 0.002 min
Response: 17457110
Conc: 312.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



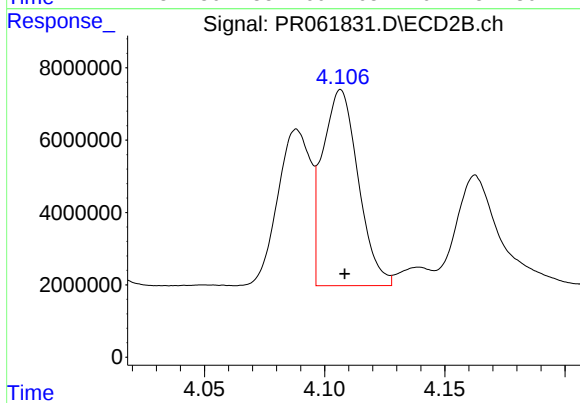
#11 AR-1232-1

R.T.: 3.354 min
Delta R.T.: -0.001 min
Response: 23244600
Conc: 318.53 ng/ml



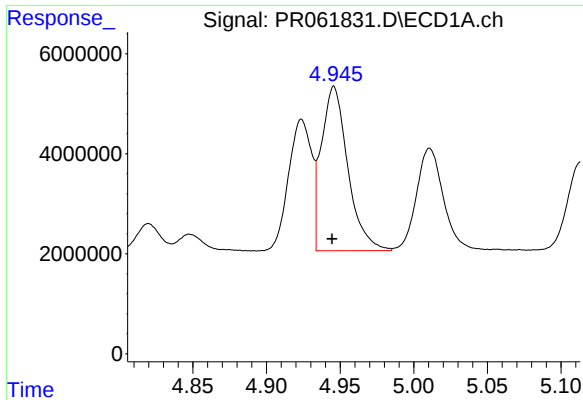
#12 AR-1232-2

R.T.: 4.638 min
Delta R.T.: 0.001 min
Response: 23834725
Conc: 862.26 ng/ml



#12 AR-1232-2

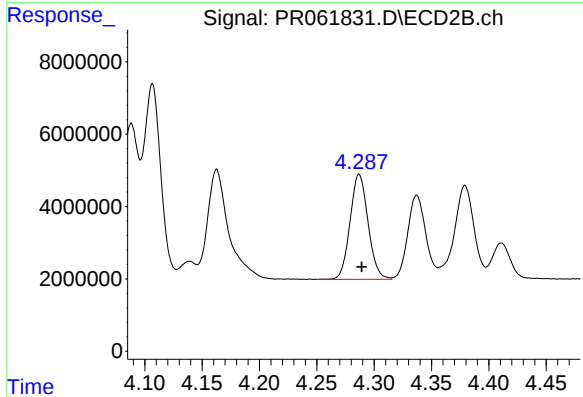
R.T.: 4.107 min
Delta R.T.: -0.002 min
Response: 56105026
Conc: 862.01 ng/ml



#13 AR-1232-3

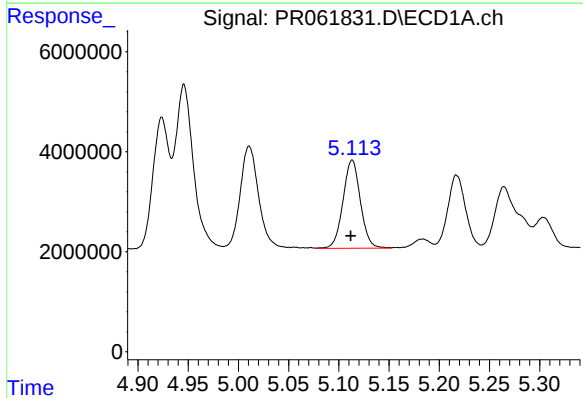
R.T.: 4.946 min
Delta R.T.: 0.001 min
Response: 41121386
Conc: 854.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



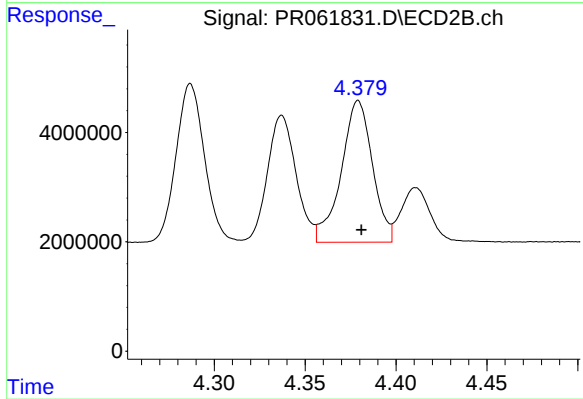
#13 AR-1232-3

R.T.: 4.287 min
Delta R.T.: -0.002 min
Response: 31793736
Conc: 875.23 ng/ml



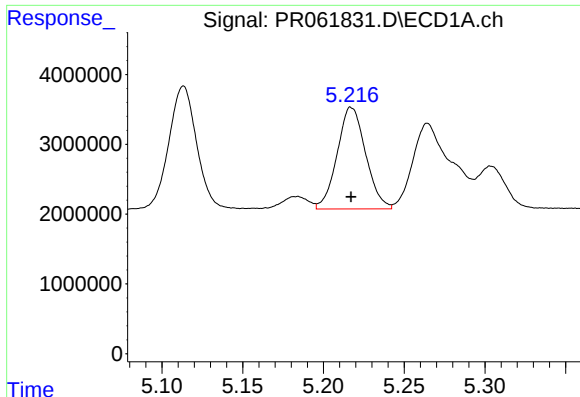
#14 AR-1232-4

R.T.: 5.113 min
Delta R.T.: 0.001 min
Response: 21299281
Conc: 852.52 ng/ml



#14 AR-1232-4

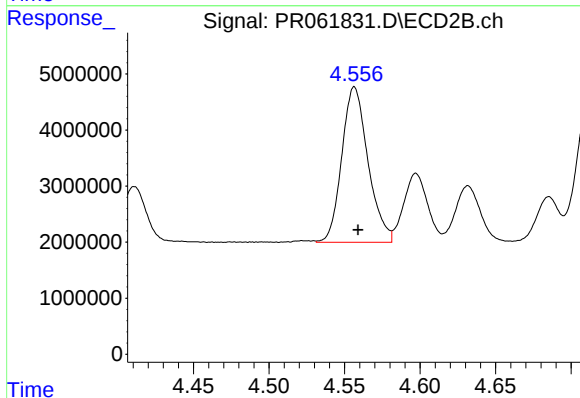
R.T.: 4.379 min
Delta R.T.: -0.002 min
Response: 31023040
Conc: 965.68 ng/ml



#15 AR-1232-5

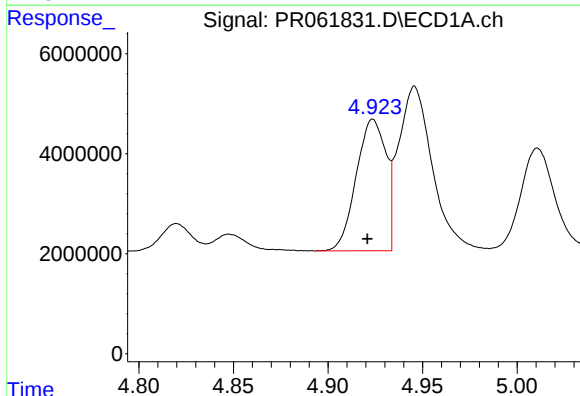
R.T.: 5.217 min
Delta R.T.: 0.000 min
Response: 17893519
Conc: 930.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



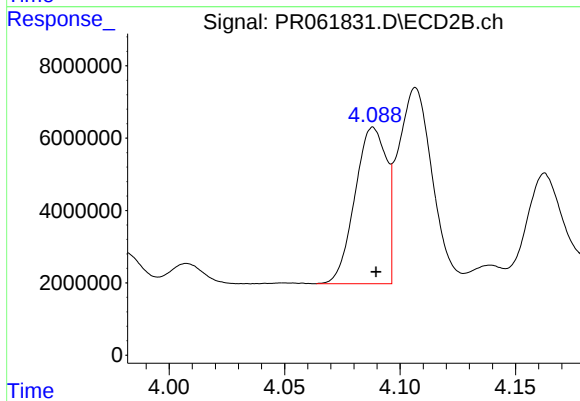
#15 AR-1232-5

R.T.: 4.557 min
Delta R.T.: -0.003 min
Response: 33504350
Conc: 917.79 ng/ml



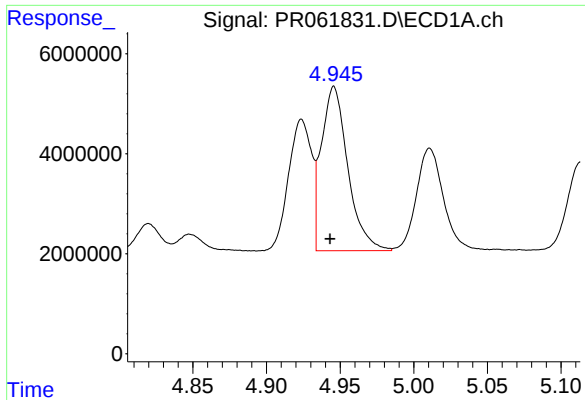
#16 AR-1242-1

R.T.: 4.924 min
Delta R.T.: 0.003 min
Response: 28756212
Conc: 462.96 ng/ml



#16 AR-1242-1

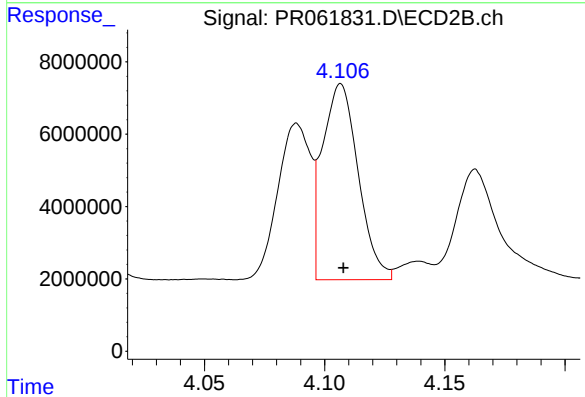
R.T.: 4.088 min
Delta R.T.: -0.001 min
Response: 41006822
Conc: 484.14 ng/ml



#17 AR-1242-2

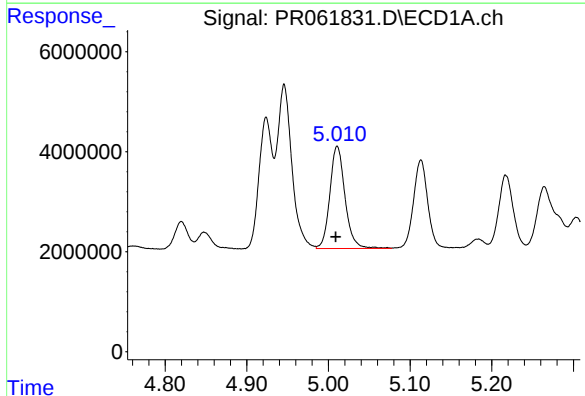
R.T.: 4.946 min
Delta R.T.: 0.003 min
Response: 41121386
Conc: 475.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



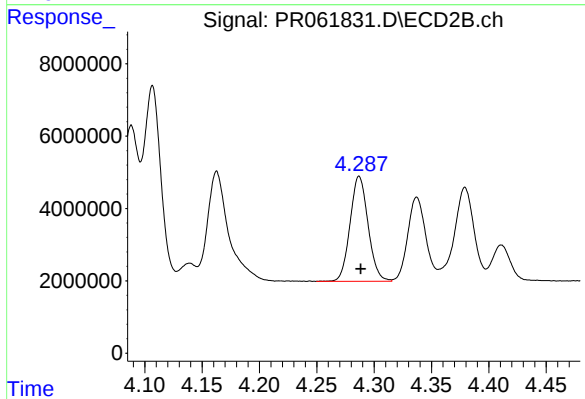
#17 AR-1242-2

R.T.: 4.107 min
Delta R.T.: -0.001 min
Response: 56105026
Conc: 482.56 ng/ml



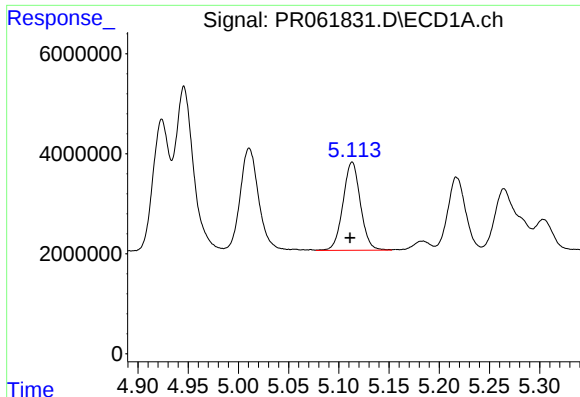
#18 AR-1242-3

R.T.: 5.011 min
Delta R.T.: 0.002 min
Response: 26401744
Conc: 461.85 ng/ml



#18 AR-1242-3

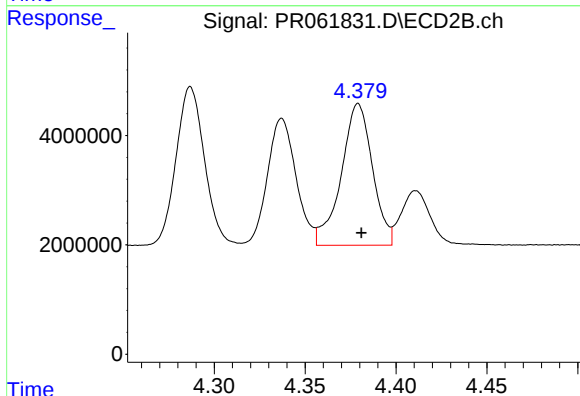
R.T.: 4.287 min
Delta R.T.: -0.001 min
Response: 31793736
Conc: 483.72 ng/ml



#19 AR-1242-4

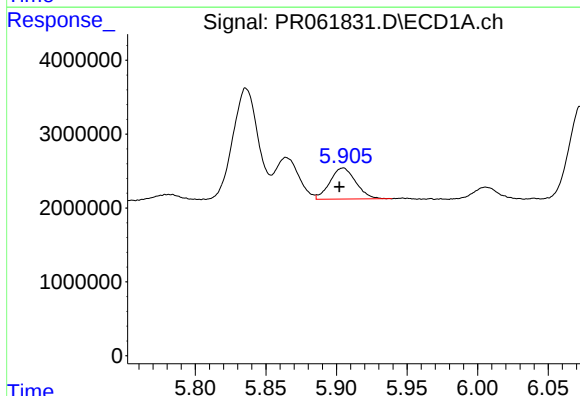
R.T.: 5.113 min
Delta R.T.: 0.002 min
Response: 21299281
Conc: 462.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



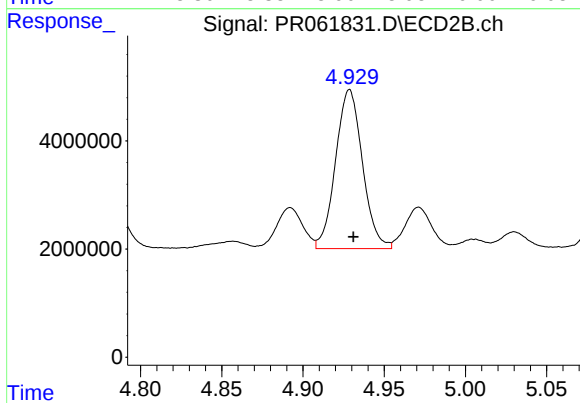
#19 AR-1242-4

R.T.: 4.379 min
Delta R.T.: -0.002 min
Response: 31023040
Conc: 485.57 ng/ml



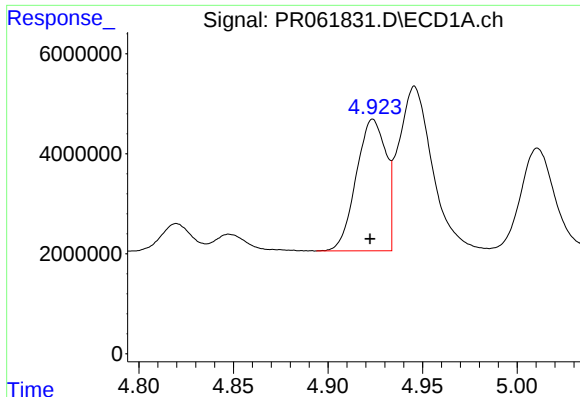
#20 AR-1242-5

R.T.: 5.905 min
Delta R.T.: 0.003 min
Response: 5368345
Conc: 122.76 ng/ml



#20 AR-1242-5

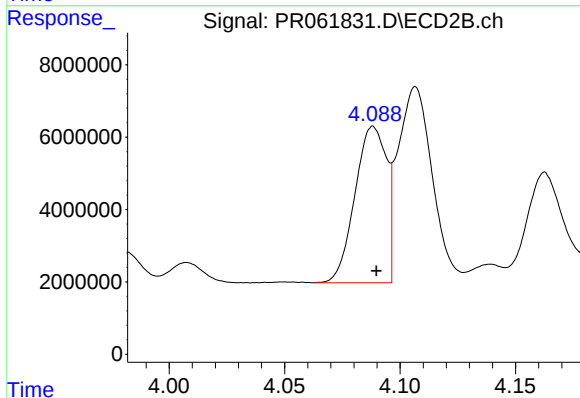
R.T.: 4.929 min
Delta R.T.: -0.002 min
Response: 33908525
Conc: 411.12 ng/ml



#21 AR-1248-1

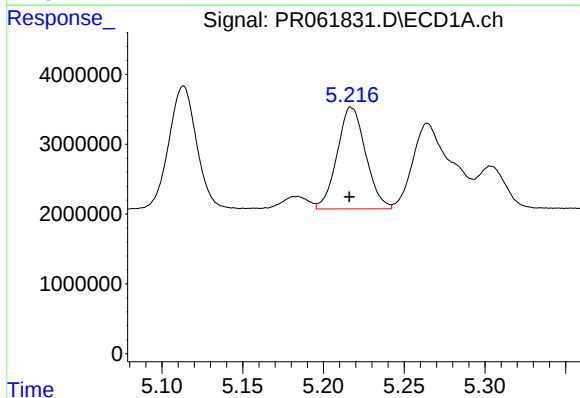
R.T.: 4.924 min
Delta R.T.: 0.002 min
Response: 28756212
Conc: 624.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



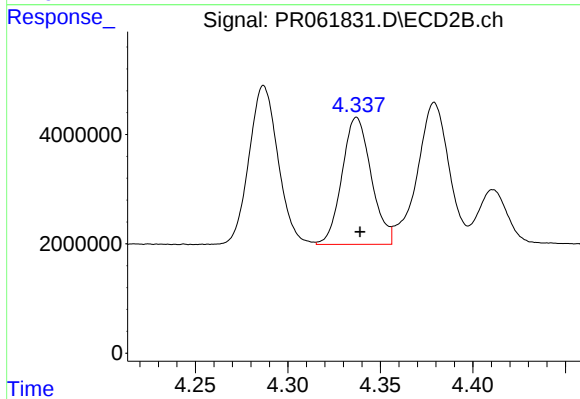
#21 AR-1248-1

R.T.: 4.088 min
Delta R.T.: -0.001 min
Response: 41006822
Conc: 627.59 ng/ml



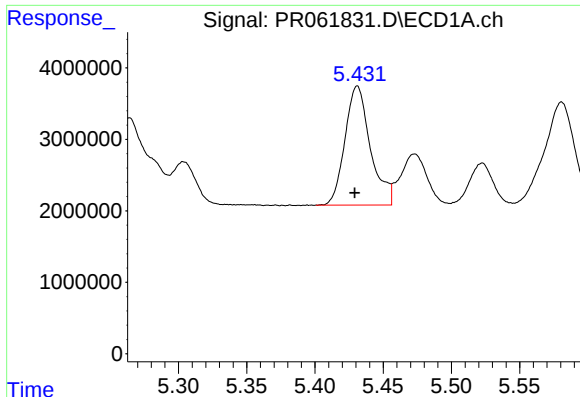
#22 AR-1248-2

R.T.: 5.217 min
Delta R.T.: 0.001 min
Response: 17893519
Conc: 267.12 ng/ml



#22 AR-1248-2

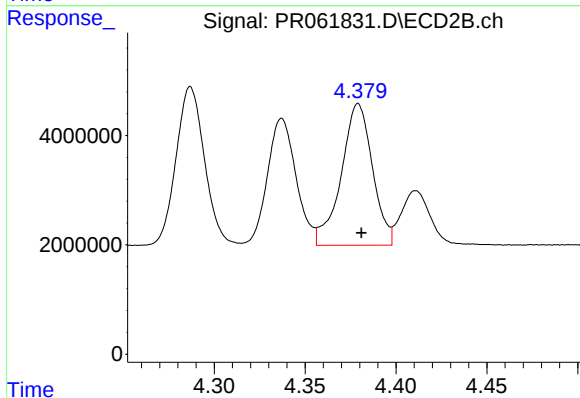
R.T.: 4.337 min
Delta R.T.: -0.002 min
Response: 25521538
Conc: 275.98 ng/ml



#23 AR-1248-3

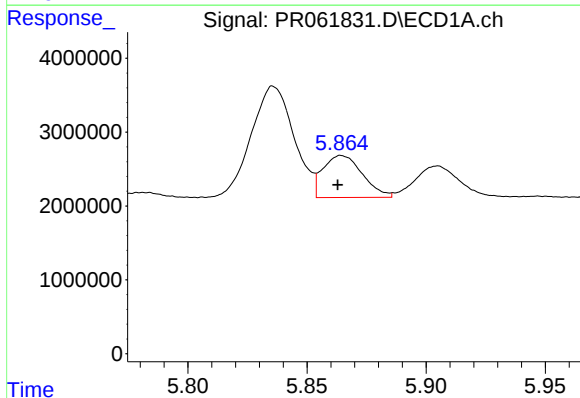
R.T.: 5.431 min
Delta R.T.: 0.002 min
Response: 21608233
Conc: 284.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



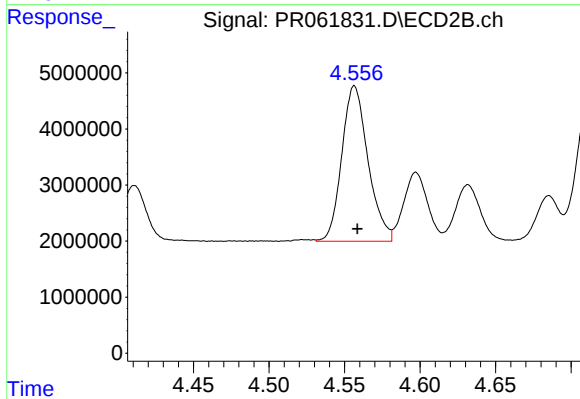
#23 AR-1248-3

R.T.: 4.379 min
Delta R.T.: -0.002 min
Response: 31023040
Conc: 326.90 ng/ml



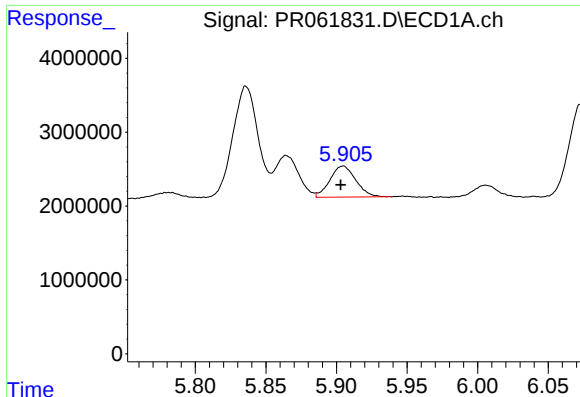
#24 AR-1248-4

R.T.: 5.865 min
Delta R.T.: 0.002 min
Response: 6560574
Conc: 84.78 ng/ml



#24 AR-1248-4

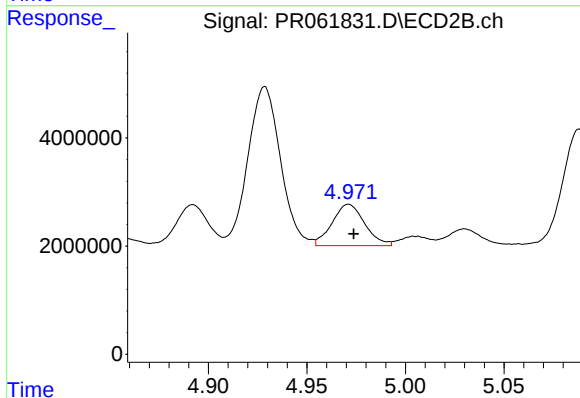
R.T.: 4.557 min
Delta R.T.: -0.002 min
Response: 33504350
Conc: 293.55 ng/ml



#25 AR-1248-5

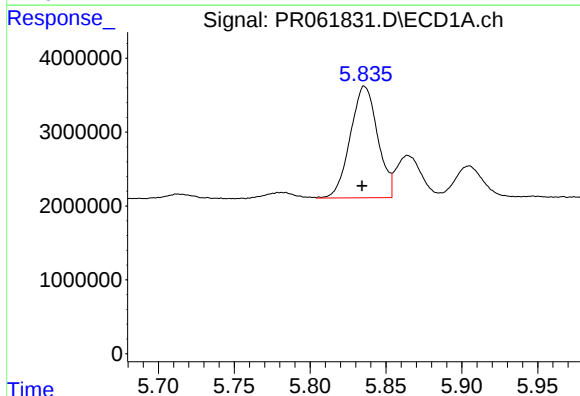
R.T.: 5.905 min
Delta R.T.: 0.002 min
Response: 5368345
Conc: 72.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



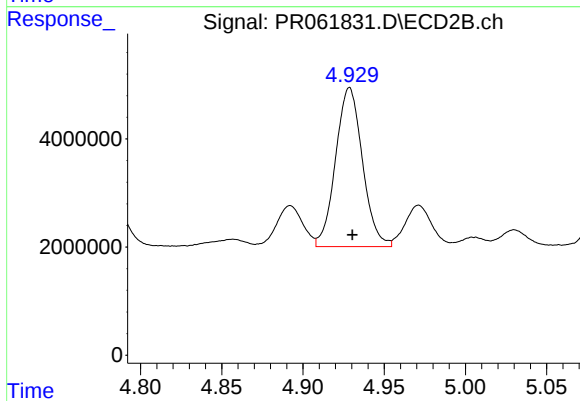
#25 AR-1248-5

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 8796914
Conc: 77.12 ng/ml



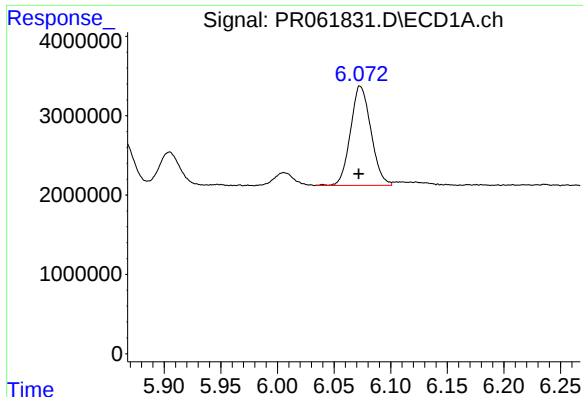
#26 AR-1254-1

R.T.: 5.836 min
Delta R.T.: 0.002 min
Response: 18977358
Conc: 222.26 ng/ml



#26 AR-1254-1

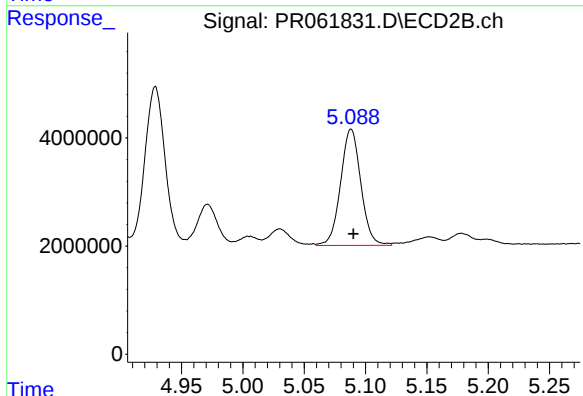
R.T.: 4.929 min
Delta R.T.: -0.002 min
Response: 33908525
Conc: 193.88 ng/ml



#27 AR-1254-2

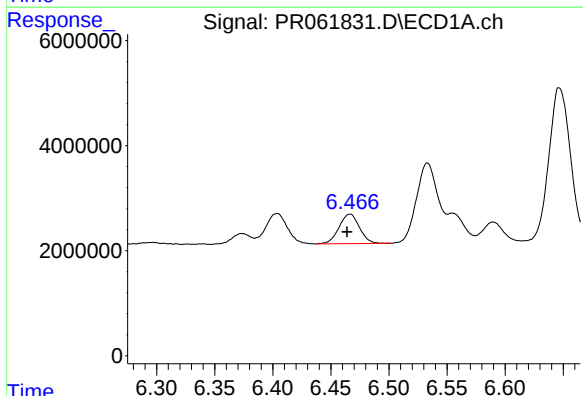
R.T.: 6.073 min
Delta R.T.: 0.001 min
Response: 15746074
Conc: 125.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



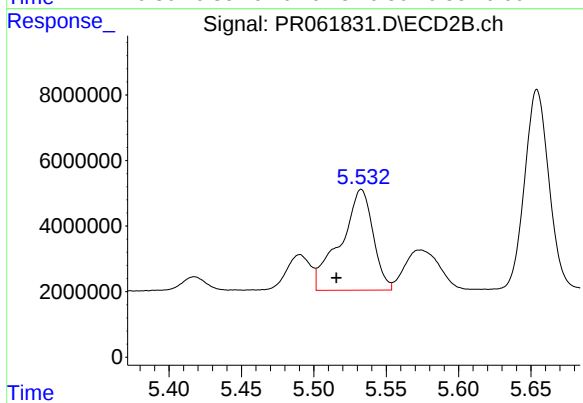
#27 AR-1254-2

R.T.: 5.088 min
Delta R.T.: -0.002 min
Response: 24770302
Conc: 162.45 ng/ml



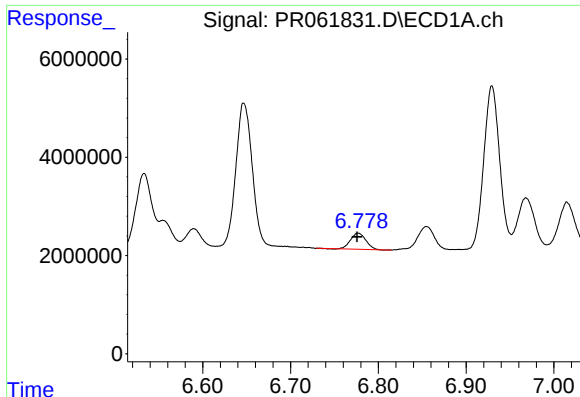
#28 AR-1254-3

R.T.: 6.467 min
Delta R.T.: 0.003 min
Response: 6878491
Conc: 55.74 ng/ml



#28 AR-1254-3

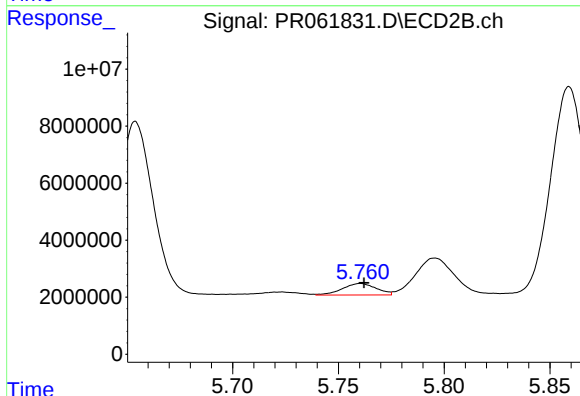
R.T.: 5.533 min
Delta R.T.: 0.017 min
Response: 48049765
Conc: 189.47 ng/ml



#29 AR-1254-4

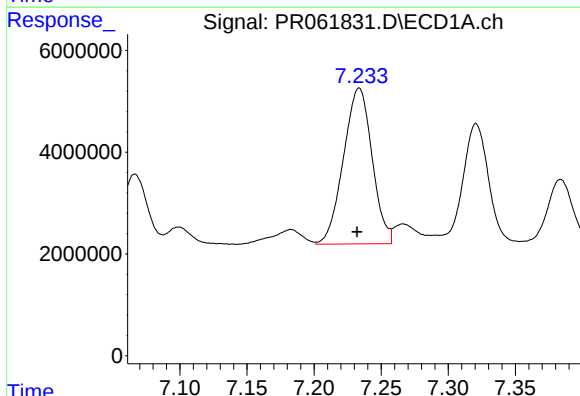
R.T.: 6.777 min
Delta R.T.: 0.001 min
Response: 3914097
Conc: 44.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



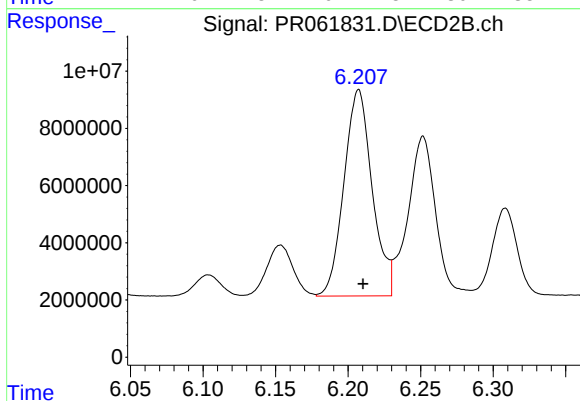
#29 AR-1254-4

R.T.: 5.760 min
Delta R.T.: -0.002 min
Response: 4466673
Conc: 27.13 ng/ml



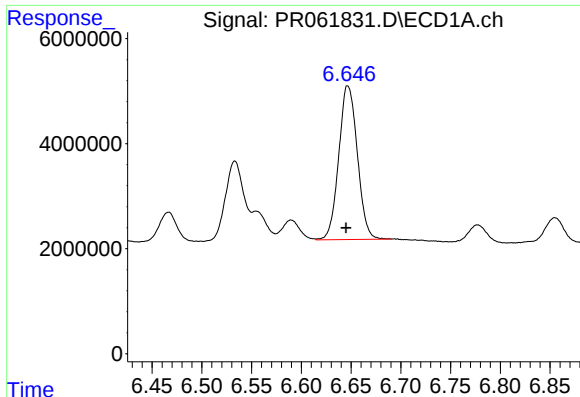
#30 AR-1254-5

R.T.: 7.234 min
Delta R.T.: 0.001 min
Response: 45585671
Conc: 494.21 ng/ml



#30 AR-1254-5

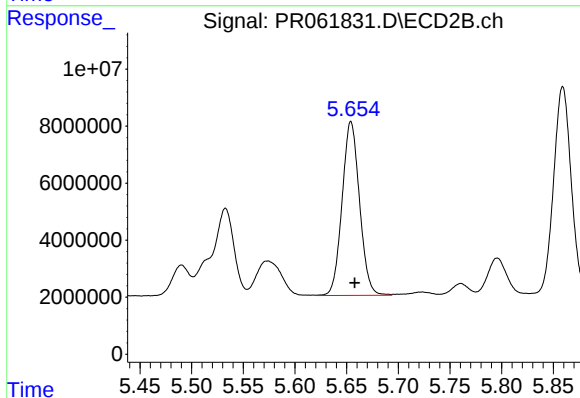
R.T.: 6.207 min
Delta R.T.: -0.003 min
Response: 97835727
Conc: 394.82 ng/ml



#31 AR-1260-1

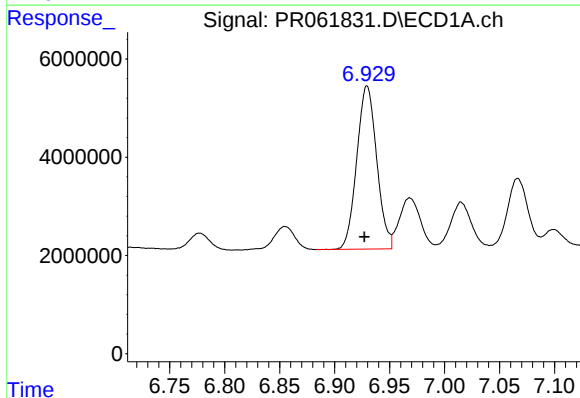
R.T.: 6.647 min
Delta R.T.: 0.002 min
Response: 38141990
Conc: 406.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



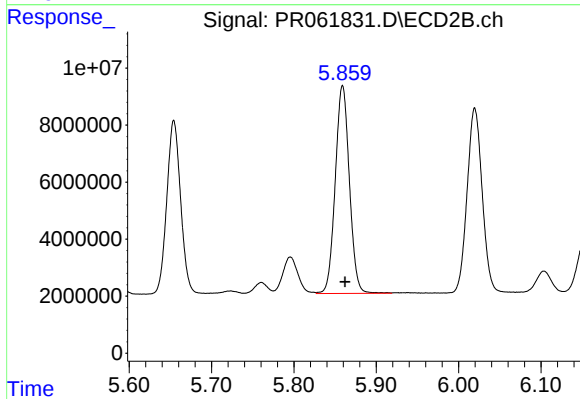
#31 AR-1260-1

R.T.: 5.654 min
Delta R.T.: -0.004 min
Response: 71640508
Conc: 419.05 ng/ml



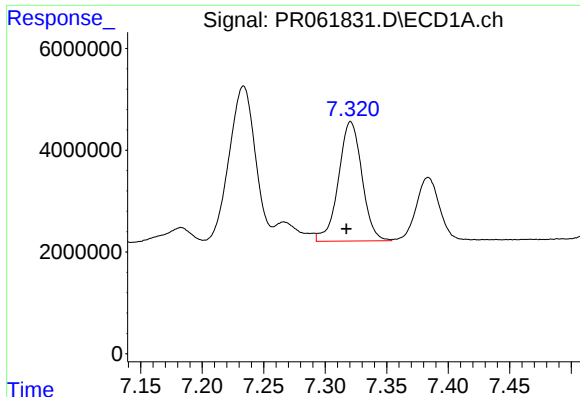
#32 AR-1260-2

R.T.: 6.929 min
Delta R.T.: 0.003 min
Response: 41930812
Conc: 400.34 ng/ml



#32 AR-1260-2

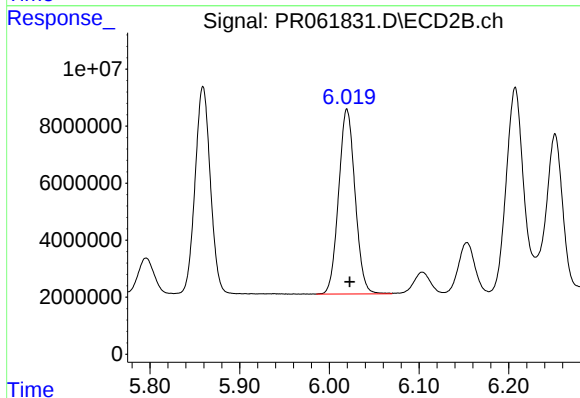
R.T.: 5.859 min
Delta R.T.: -0.003 min
Response: 87069032
Conc: 418.00 ng/ml



#33 AR-1260-3

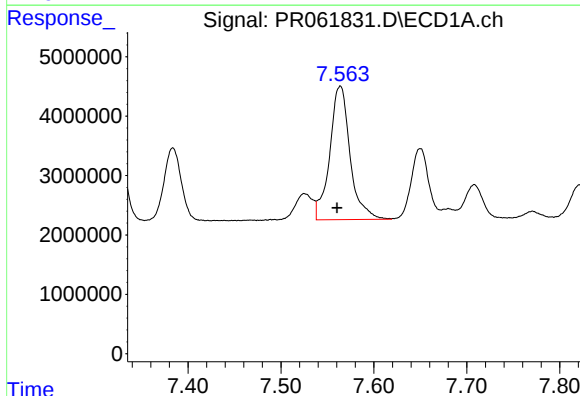
R.T.: 7.321 min
Delta R.T.: 0.004 min
Response: 31176784
Conc: 408.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



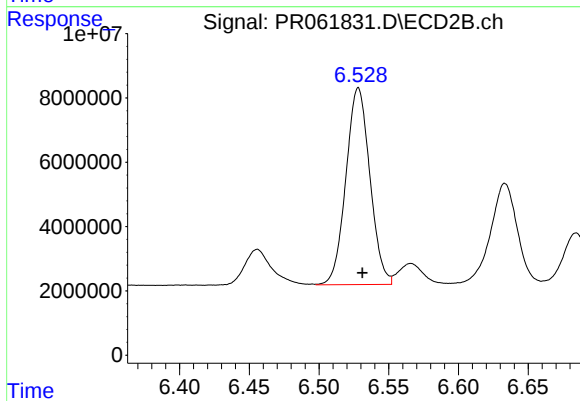
#33 AR-1260-3

R.T.: 6.020 min
Delta R.T.: -0.003 min
Response: 82689770
Conc: 404.38 ng/ml



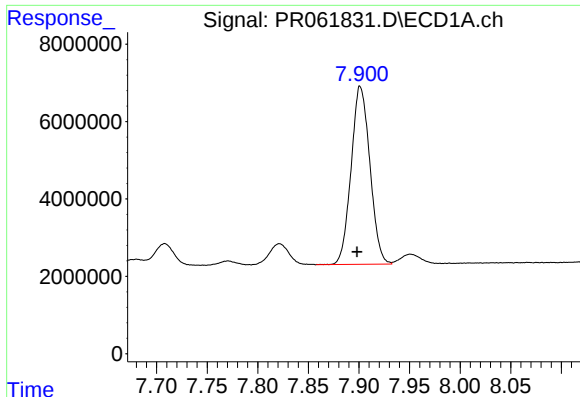
#34 AR-1260-4

R.T.: 7.564 min
Delta R.T.: 0.003 min
Response: 34287479
Conc: 401.55 ng/ml



#34 AR-1260-4

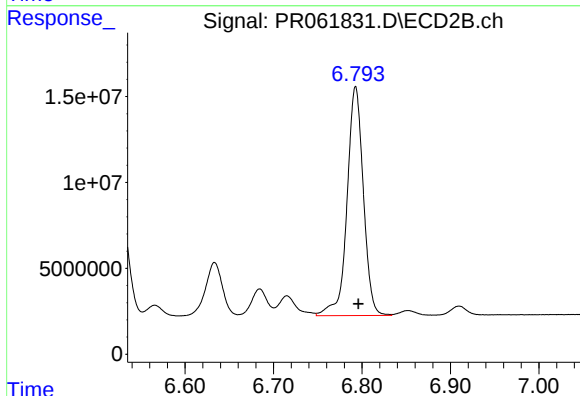
R.T.: 6.528 min
Delta R.T.: -0.003 min
Response: 73258497
Conc: 415.17 ng/ml



#35 AR-1260-5

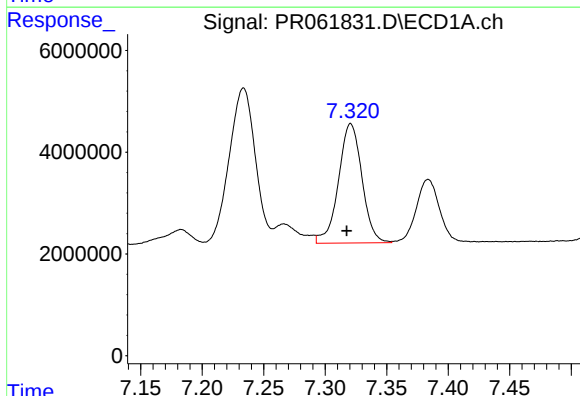
R.T.: 7.901 min
Delta R.T.: 0.003 min
Response: 59467405
Conc: 391.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



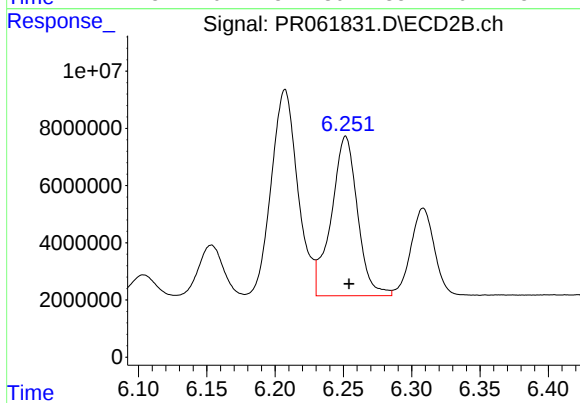
#35 AR-1260-5

R.T.: 6.793 min
Delta R.T.: -0.003 min
Response: 170684550
Conc: 411.01 ng/ml



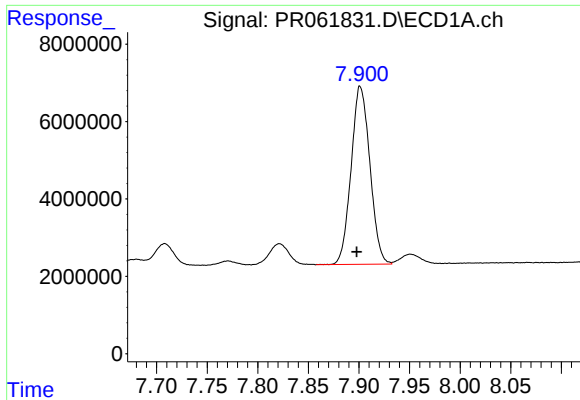
#36 AR-1262-1

R.T.: 7.321 min
Delta R.T.: 0.003 min
Response: 31176784
Conc: 280.92 ng/ml



#36 AR-1262-1

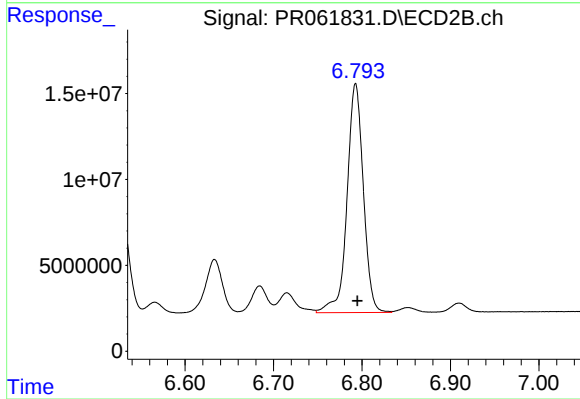
R.T.: 6.252 min
Delta R.T.: -0.003 min
Response: 74427722
Conc: 299.04 ng/ml



#37 AR-1262-2

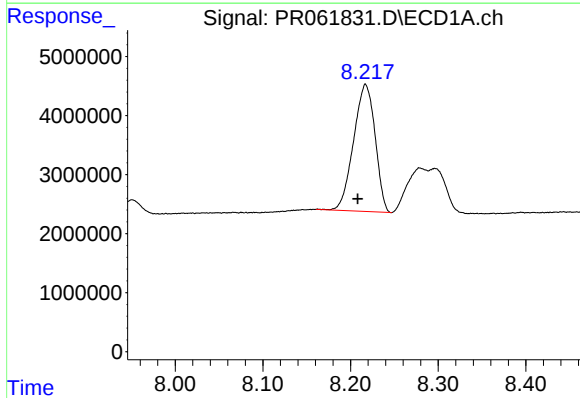
R.T.: 7.901 min
Delta R.T.: 0.003 min
Response: 59467405
Conc: 339.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



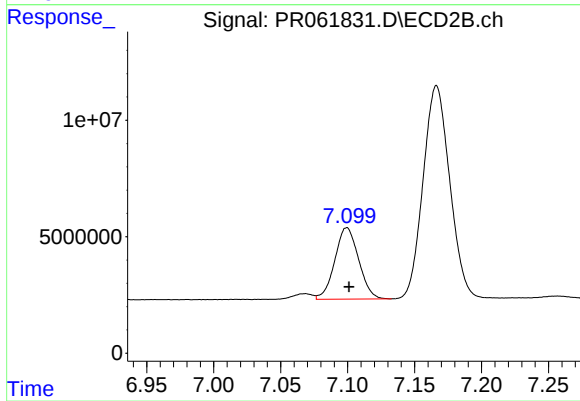
#37 AR-1262-2

R.T.: 6.793 min
Delta R.T.: -0.002 min
Response: 170684550
Conc: 364.90 ng/ml



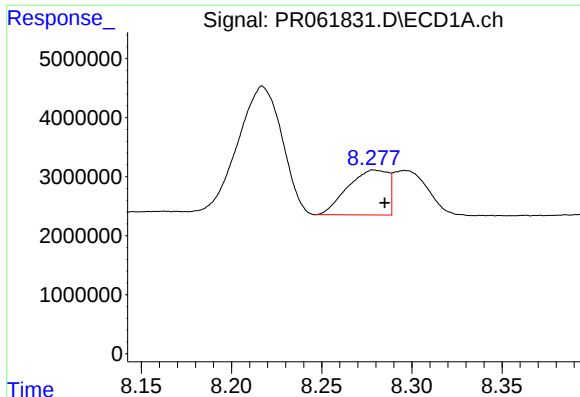
#38 AR-1262-3

R.T.: 8.217 min
Delta R.T.: 0.009 min
Response: 36736211
Conc: 312.27 ng/ml



#38 AR-1262-3

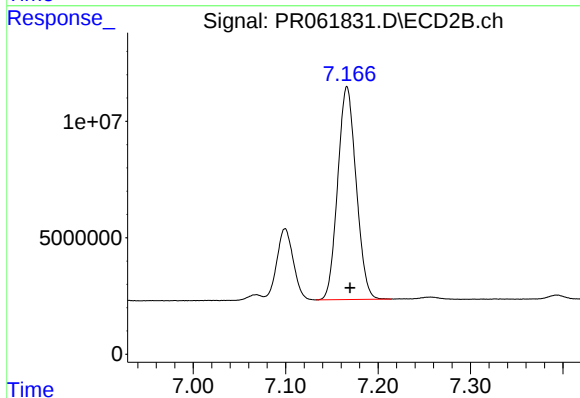
R.T.: 7.099 min
Delta R.T.: -0.002 min
Response: 37983827
Conc: 202.21 ng/ml



#39 AR-1262-4

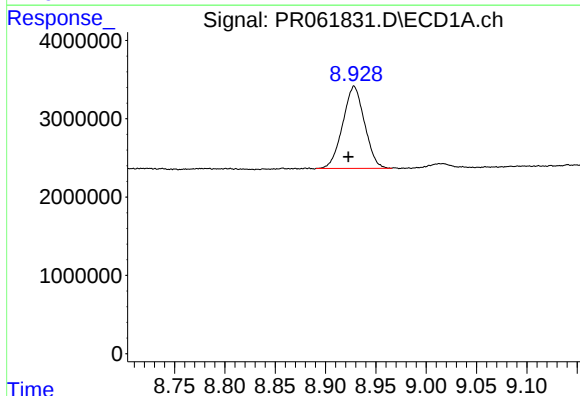
R.T.: 8.279 min
Delta R.T.: -0.006 min
Response: 11862509
Conc: 205.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



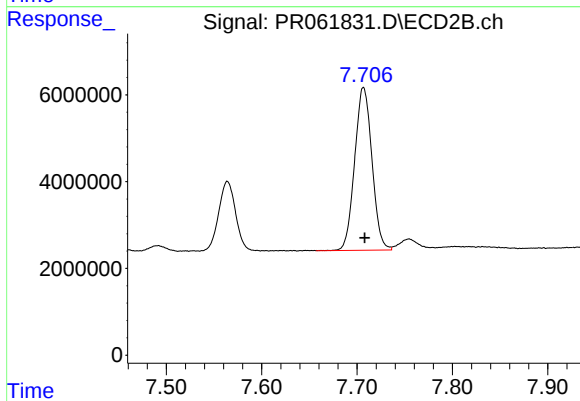
#39 AR-1262-4

R.T.: 7.166 min
Delta R.T.: -0.003 min
Response: 126592932
Conc: 356.02 ng/ml



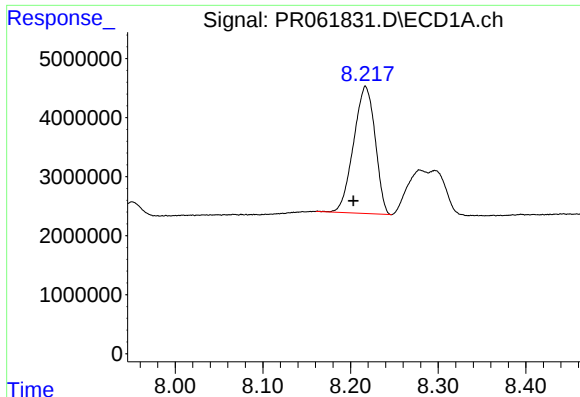
#40 AR-1262-5

R.T.: 8.928 min
Delta R.T.: 0.006 min
Response: 15845725
Conc: 260.58 ng/ml



#40 AR-1262-5

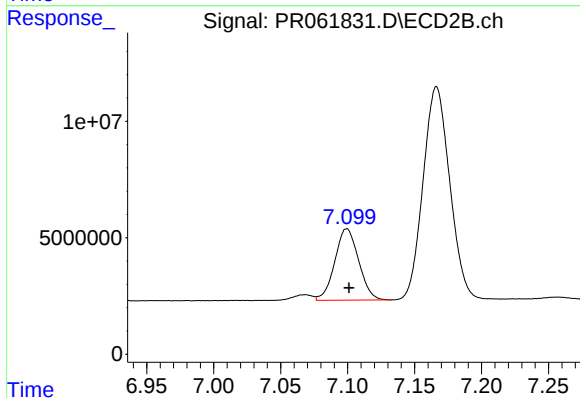
R.T.: 7.707 min
Delta R.T.: -0.001 min
Response: 47249269
Conc: 267.91 ng/ml



#41 AR-1268-1

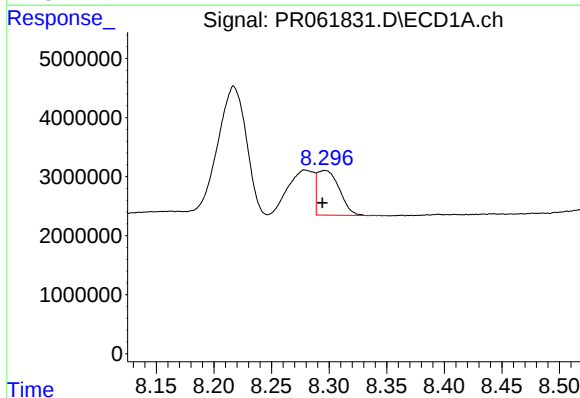
R.T.: 8.217 min
Delta R.T.: 0.014 min
Response: 36736211
Conc: 218.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



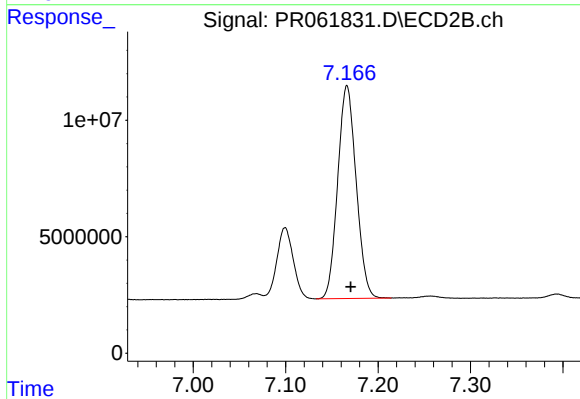
#41 AR-1268-1

R.T.: 7.099 min
Delta R.T.: -0.002 min
Response: 37983827
Conc: 86.79 ng/ml



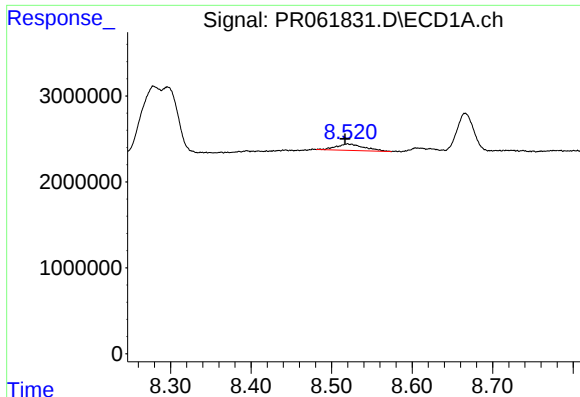
#42 AR-1268-2

R.T.: 8.296 min
Delta R.T.: 0.002 min
Response: 10070802
Conc: 64.42 ng/ml



#42 AR-1268-2

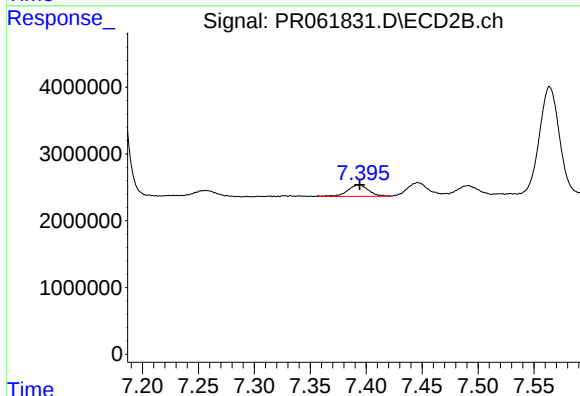
R.T.: 7.166 min
Delta R.T.: -0.004 min
Response: 126592932
Conc: 313.57 ng/ml



#43 AR-1268-3

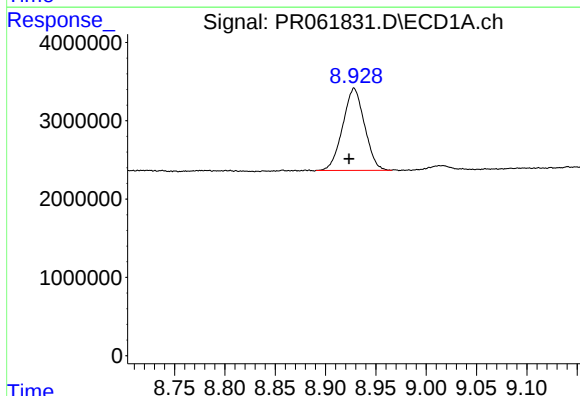
R.T.: 8.520 min
Delta R.T.: 0.003 min
Response: 1809328
Conc: 13.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



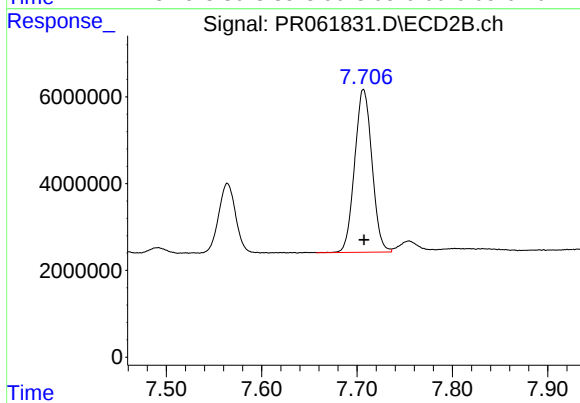
#43 AR-1268-3

R.T.: 7.394 min
Delta R.T.: 0.000 min
Response: 2289642
Conc: 6.53 ng/ml



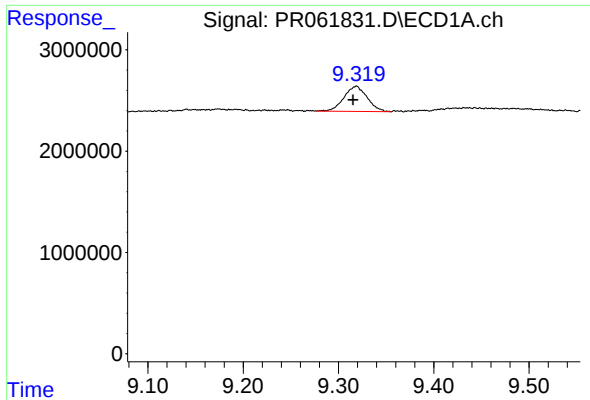
#44 AR-1268-4

R.T.: 8.928 min
Delta R.T.: 0.005 min
Response: 15845725
Conc: 290.84 ng/ml



#44 AR-1268-4

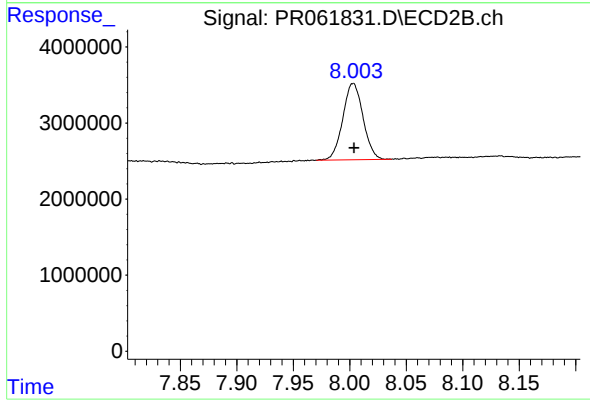
R.T.: 7.707 min
Delta R.T.: 0.000 min
Response: 47249269
Conc: 300.67 ng/ml



#45 AR-1268-5

R.T.: 9.319 min
Delta R.T.: 0.004 min
Response: 4214852
Conc: 10.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.003 min
Delta R.T.: 0.000 min
Response: 12503576
Conc: 11.02 ng/ml