

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050223AL\
 Data File : FD045559.D
 Signal(s) : FID2B.ch
 Acq On : 02 May 2023 21:21
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 03 01:00:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 050223.M
 Quant Title : GC Extractables
 QLast Update : Wed May 03 00:55:06 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.439	1749991	10.455 ug/ml
Spiked Amount 50.000		Recovery =	20.91%
12) S 1-chlorooctadecane (S...	12.872	1153749	10.125 ug/ml
Spiked Amount 50.000		Recovery =	20.25%
Target Compounds			
1) T n-Nonane (C9)	3.258	1467554	10.529 ug/ml
2) T n-Decane (C10)	4.316	1492593	10.512 ug/ml
3) T A~Naphthalene (C11.7)	5.883	1613855	10.432 ug/ml
4) T n-Dodecane (C12)	6.321	1497664	10.490 ug/ml
5) T A~2-methylnaphthalene...	6.932	1535102	10.392 ug/ml
6) T n-Tetradecane (C14)	8.107	1488853	10.491 ug/ml
7) T n-Hexadecane (C16)	9.698	1530999	10.495 ug/ml
8) T n-Octadecane (C18)	11.132	1548311	10.487 ug/ml
10) T n-Eicosane (C20)	12.433	1456375	10.410 ug/ml
11) T n-Heneicosane (C21)	13.041	1427234	10.418 ug/ml
13) T n-Docosane (C22)	13.623	1405464	10.396 ug/ml
14) T n-Tetracosane (C24)	14.719	1369162	10.373 ug/ml
15) T n-Hexacosane (C26)	15.733	1312879	10.356 ug/ml
16) T n-Octacosane (C28)	16.677	1266383	10.415 ug/ml
17) T n-Tricontane (C30)	17.556	1246444	10.384 ug/ml
18) T n-Dotriacontane (C32)	18.383	1219674	10.466 ug/ml
19) T n-Tetratriacontane (C34)	19.161	1180527	10.451 ug/ml
20) T n-Hexatriacontane (C36)	19.894	1117891	10.389 ug/ml
21) T n-Octatriacontane (C38)	20.598	1061933	10.383 ug/ml
22) T n-Tetracontane (C40)	21.431	972382	10.367 ug/ml

(f)=RT Delta > 1/2 Window

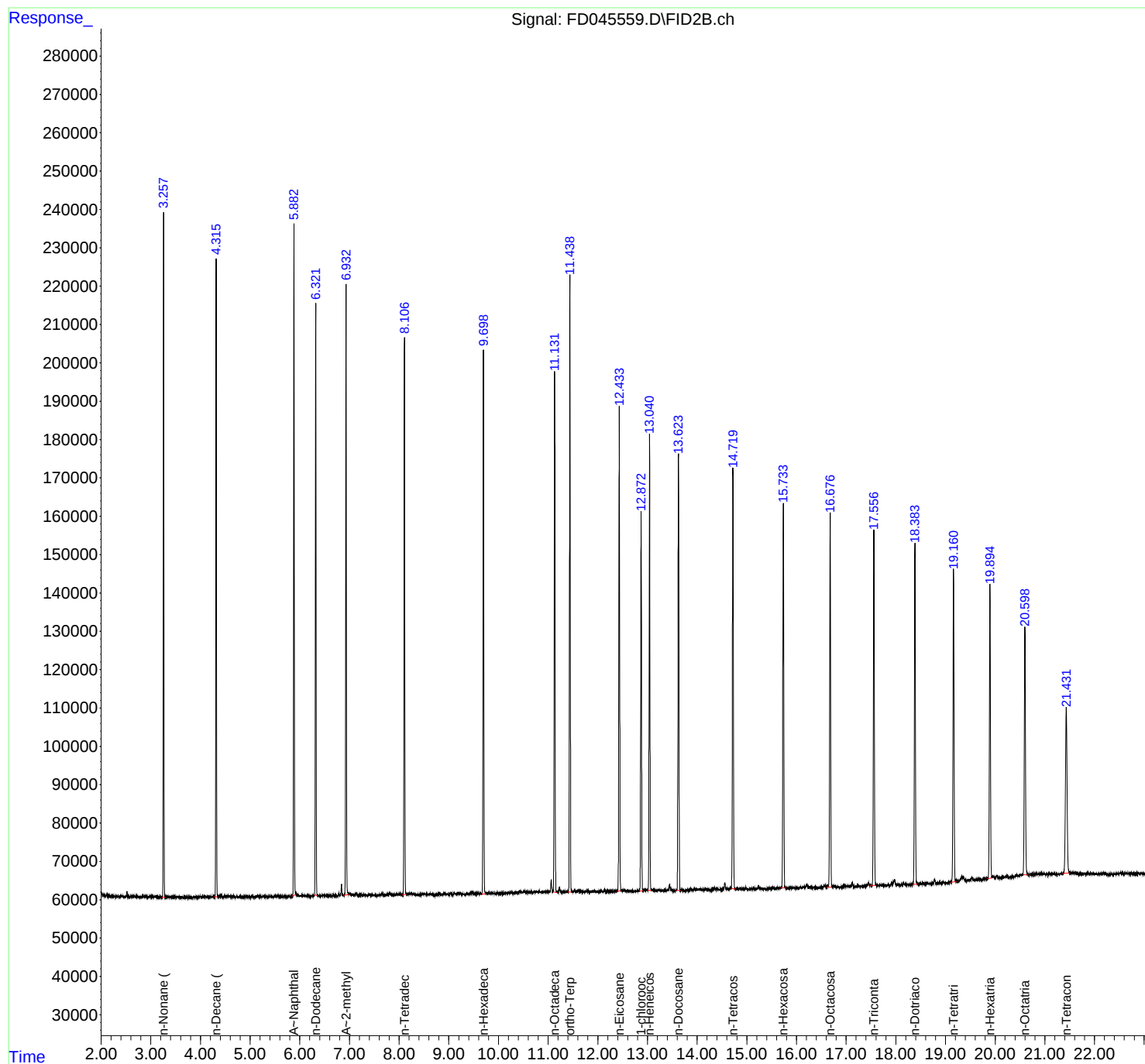
(m)=manual int.

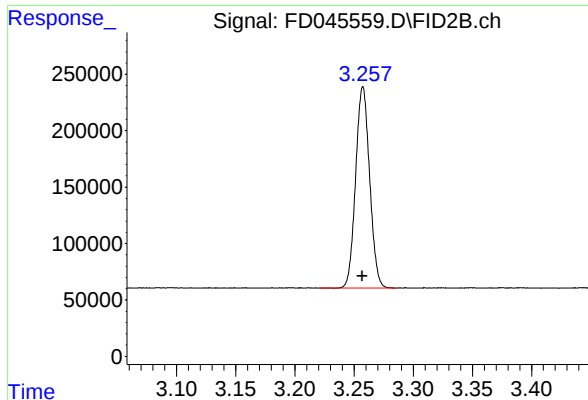
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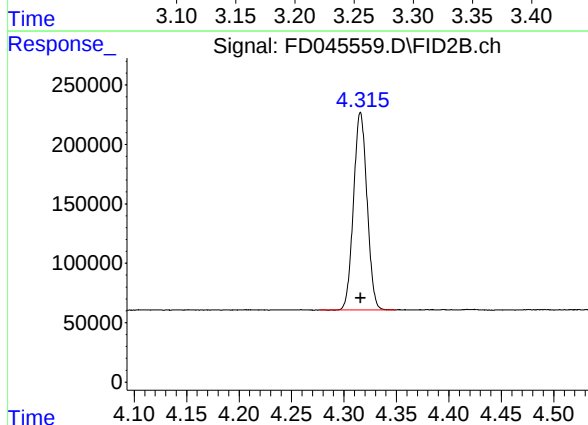




#1 n-Nonane (C9)

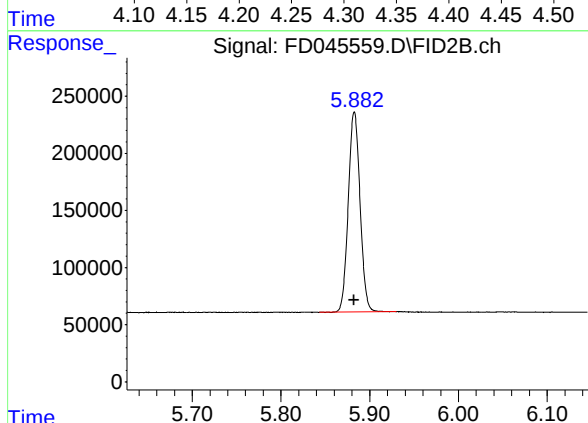
R.T.: 3.258 min
Delta R.T.: 0.000 min
Response: 1467554
Conc: 10.53 ug/ml

Instrument :
FID_D
ClientSampleId :



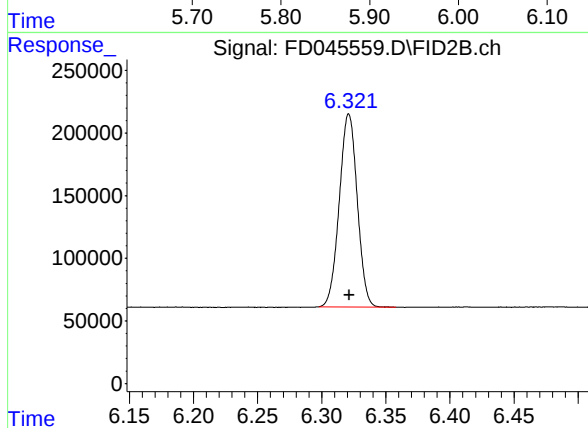
#2 n-Decane (C10)

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 1492593
Conc: 10.51 ug/ml



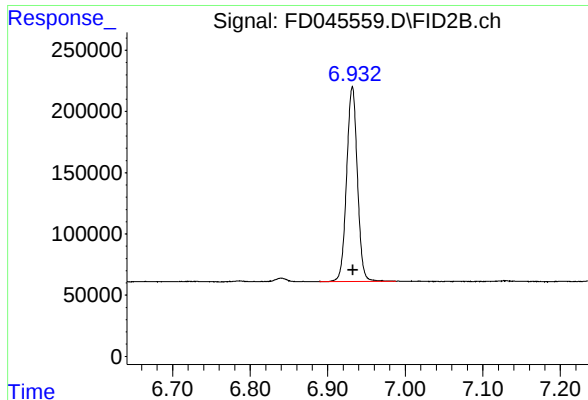
#3 A~Naphthalene (C11.7)

R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 1613855
Conc: 10.43 ug/ml



#4 n-Dodecane (C12)

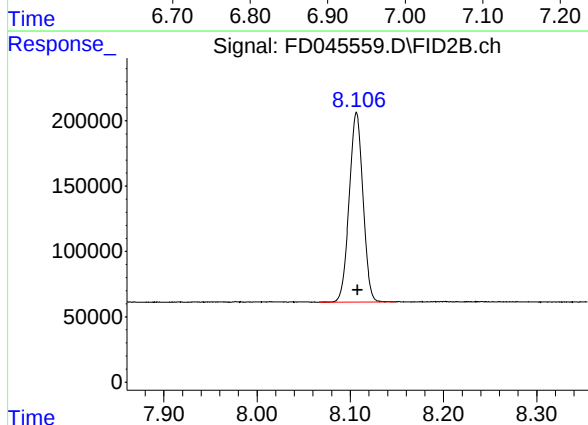
R.T.: 6.321 min
Delta R.T.: 0.000 min
Response: 1497664
Conc: 10.49 ug/ml



#5 A~2-methylnaphthalene (C12.89)

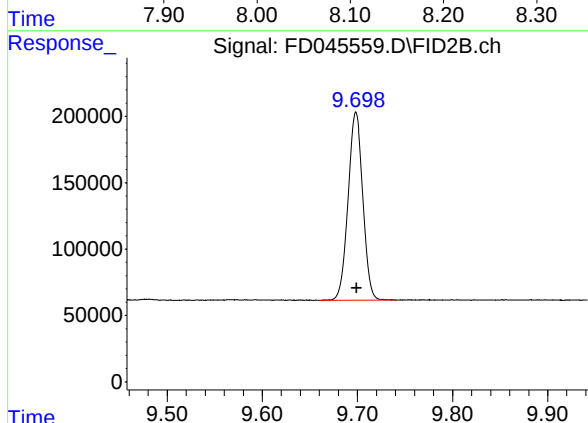
R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 1535102
Conc: 10.39 ug/ml

Instrument :
FID_D
ClientSampleId :



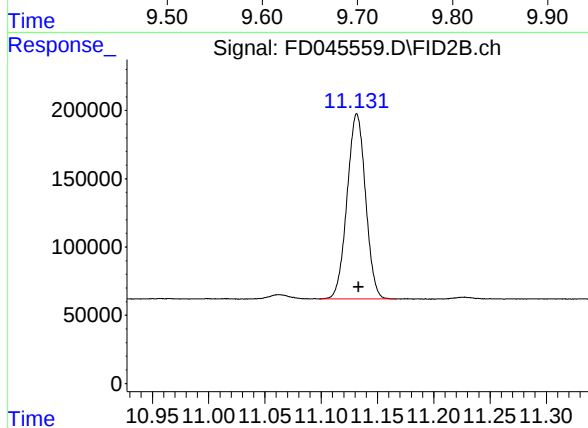
#6 n-Tetradecane (C14)

R.T.: 8.107 min
Delta R.T.: -0.001 min
Response: 1488853
Conc: 10.49 ug/ml



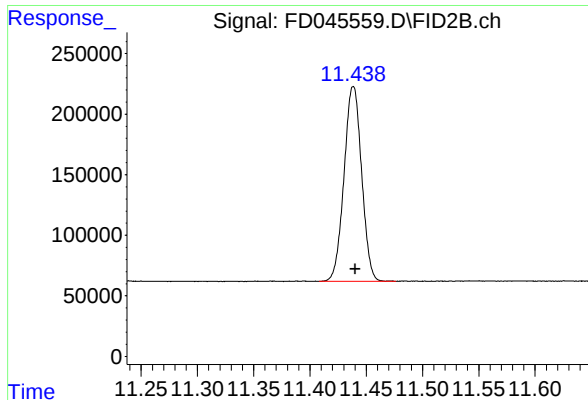
#7 n-Hexadecane (C16)

R.T.: 9.698 min
Delta R.T.: 0.000 min
Response: 1530999
Conc: 10.50 ug/ml



#8 n-Octadecane (C18)

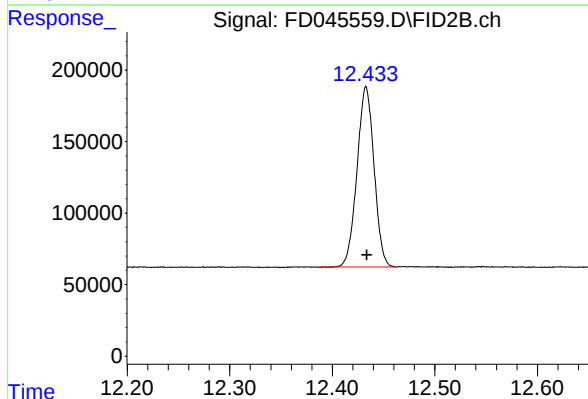
R.T.: 11.132 min
Delta R.T.: -0.002 min
Response: 1548311
Conc: 10.49 ug/ml



#9 ortho-Terphenyl (SURR)

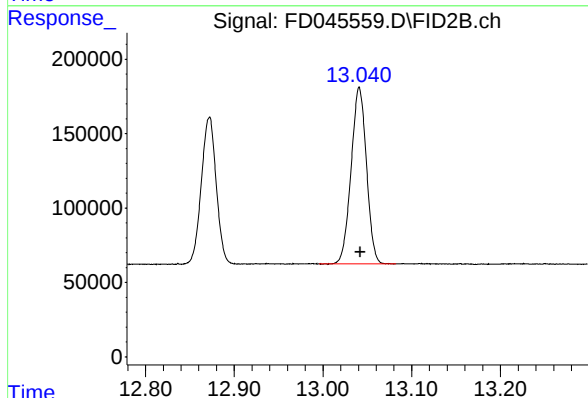
R.T.: 11.439 min
Delta R.T.: -0.002 min
Response: 1749991
Conc: 10.46 ug/ml

Instrument :
FID_D
ClientSampleId :



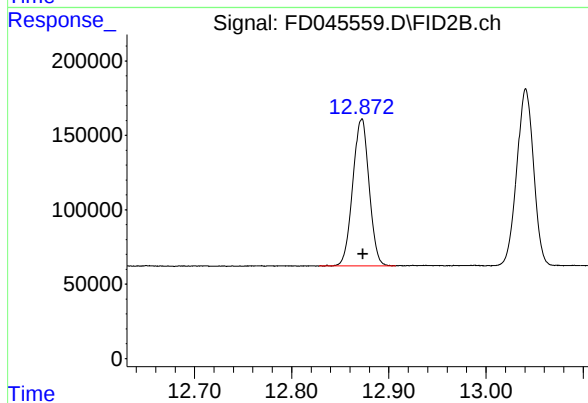
#10 n-Eicosane (C20)

R.T.: 12.433 min
Delta R.T.: 0.000 min
Response: 1456375
Conc: 10.41 ug/ml



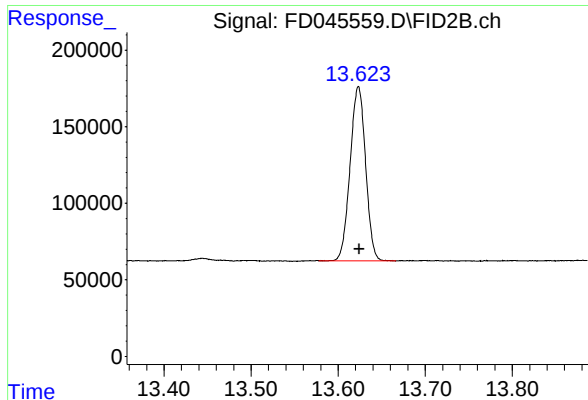
#11 n-Heneicosane (C21)

R.T.: 13.041 min
Delta R.T.: -0.001 min
Response: 1427234
Conc: 10.42 ug/ml



#12 1-chlorooctadecane (SURR)

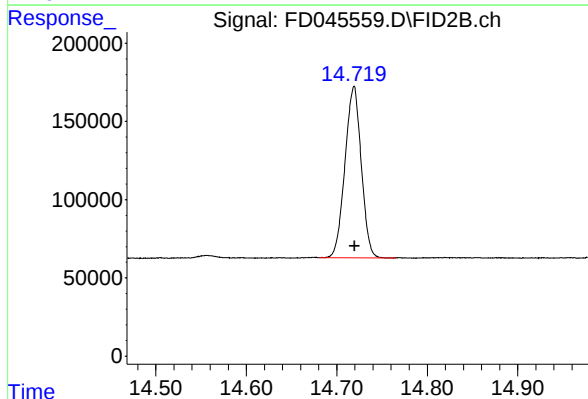
R.T.: 12.872 min
Delta R.T.: -0.001 min
Response: 1153749
Conc: 10.13 ug/ml



#13 n-Docosane (C22)

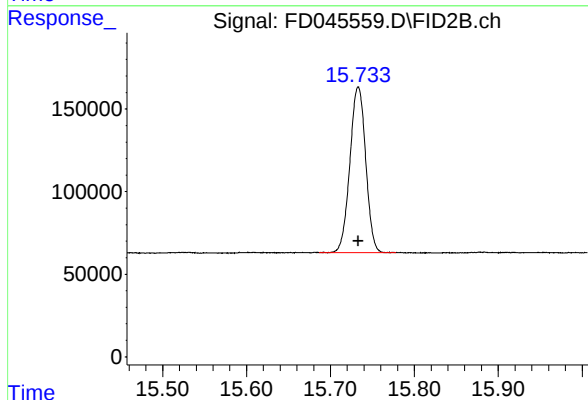
R.T.: 13.623 min
Delta R.T.: 0.000 min
Response: 1405464
Conc: 10.40 ug/ml

Instrument :
FID_D
ClientSampleId :



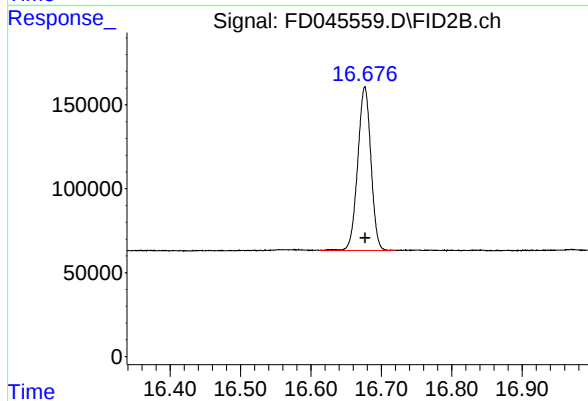
#14 n-Tetracosane (C24)

R.T.: 14.719 min
Delta R.T.: 0.000 min
Response: 1369162
Conc: 10.37 ug/ml



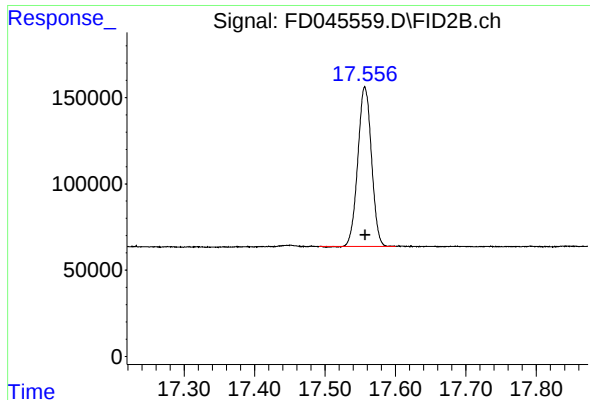
#15 n-Hexacosane (C26)

R.T.: 15.733 min
Delta R.T.: 0.000 min
Response: 1312879
Conc: 10.36 ug/ml



#16 n-Octacosane (C28)

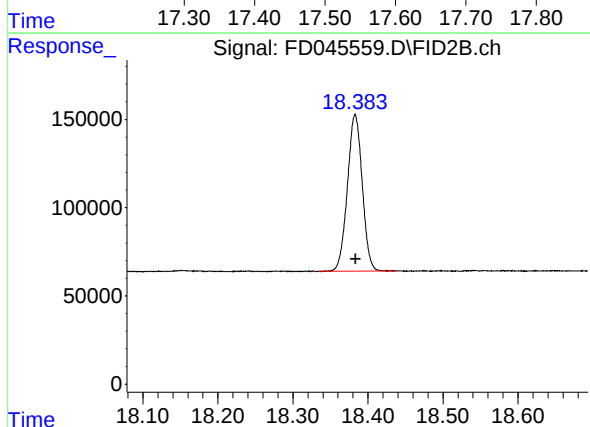
R.T.: 16.677 min
Delta R.T.: 0.000 min
Response: 1266383
Conc: 10.42 ug/ml



#17 n-Tricontane (C30)

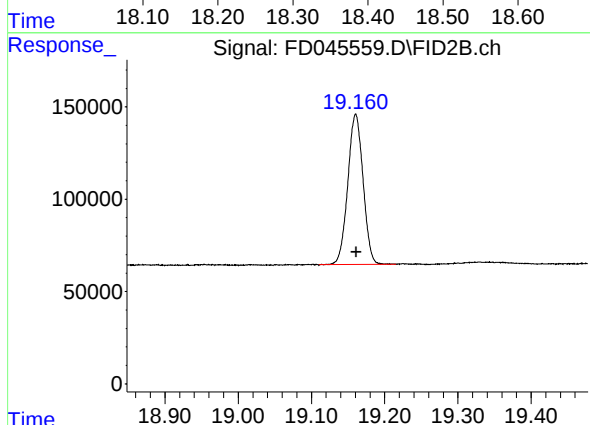
R.T.: 17.556 min
Delta R.T.: 0.000 min
Response: 1246444
Conc: 10.38 ug/ml

Instrument :
FID_D
ClientSampleId :



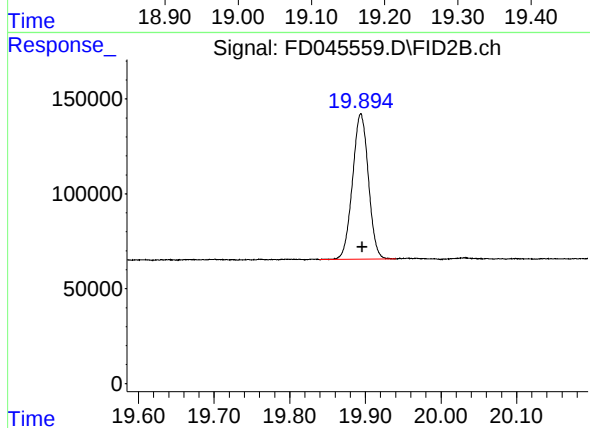
#18 n-Dotriacontane (C32)

R.T.: 18.383 min
Delta R.T.: 0.000 min
Response: 1219674
Conc: 10.47 ug/ml



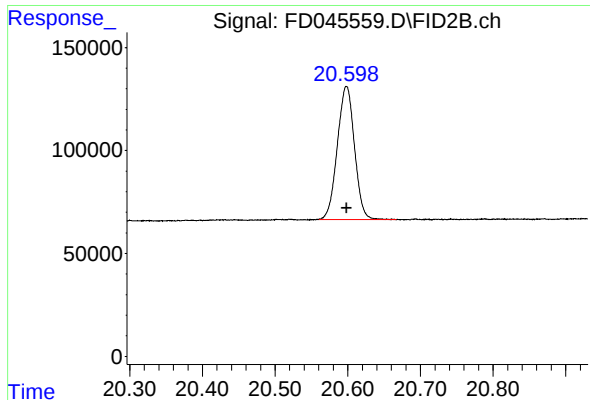
#19 n-Tetatriacontane (C34)

R.T.: 19.161 min
Delta R.T.: 0.000 min
Response: 1180527
Conc: 10.45 ug/ml



#20 n-Hexatriacontane (C36)

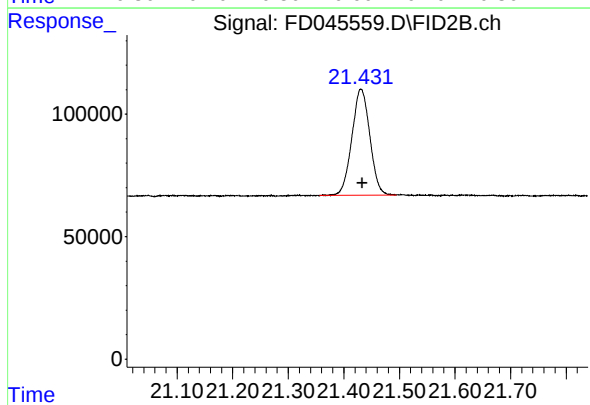
R.T.: 19.894 min
Delta R.T.: -0.002 min
Response: 1117891
Conc: 10.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.598 min
Delta R.T.: 0.000 min
Response: 1061933
Conc: 10.38 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.431 min
Delta R.T.: -0.002 min
Response: 972382
Conc: 10.37 ug/ml