

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072023AL\
 Data File : FD046145.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jul 2023 13:10
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jul 20 14:29:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072023.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 13:18:25 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)	11.397	1852391	10.484 ug/ml
Spiked Amount 50.000		Recovery =	20.97%
12) S 1-chlorooctadecane (S...	12.832	1248232	10.221 ug/ml
Spiked Amount 50.000		Recovery =	20.44%
Target Compounds			
1) T n-Nonane (C9)	3.231	1691547	10.637 ug/ml
2) T n-Decane (C10)	4.284	1721889	10.638 ug/ml
3) T A~Naphthalene (C11.7)	5.845	1843673	10.459 ug/ml
4) T n-Dodecane (C12)	6.285	1732753	10.632 ug/ml
5) T A~2-methylnaphthalene...	6.893	1749192	10.463 ug/ml
6) T n-Tetradecane (C14)	8.070	1698779	10.570 ug/ml
7) T n-Hexadecane (C16)	9.661	1729584	10.483 ug/ml
8) T n-Octadecane (C18)	11.093	1714437	10.470 ug/ml
10) T n-Eicosane (C20)	12.394	1577901	10.417 ug/ml
11) T n-Heneicosane (C21)	13.001	1524330	10.425 ug/ml
13) T n-Docosane (C22)	13.582	1469622	10.368 ug/ml
14) T n-Tetracosane (C24)	14.678	1463489	10.599 ug/ml
15) T n-Hexacosane (C26)	15.691	1354569	10.531 ug/ml
16) T n-Octacosane (C28)	16.633	1297390	10.544 ug/ml
17) T n-Tricontane (C30)	17.513	1329475	10.603 ug/ml
18) T n-Dotriacontane (C32)	18.340	1305422	10.572 ug/ml
19) T n-Tetratriacontane (C34)	19.117	1363445	10.518 ug/ml
20) T n-Hexatriacontane (C36)	19.850	1199532	10.392 ug/ml
21) T n-Octatriacontane (C38)	20.550	1184151	10.599 ug/ml
22) T n-Tetracontane (C40)	21.367	1136572	10.640 ug/ml

(f)=RT Delta > 1/2 Window

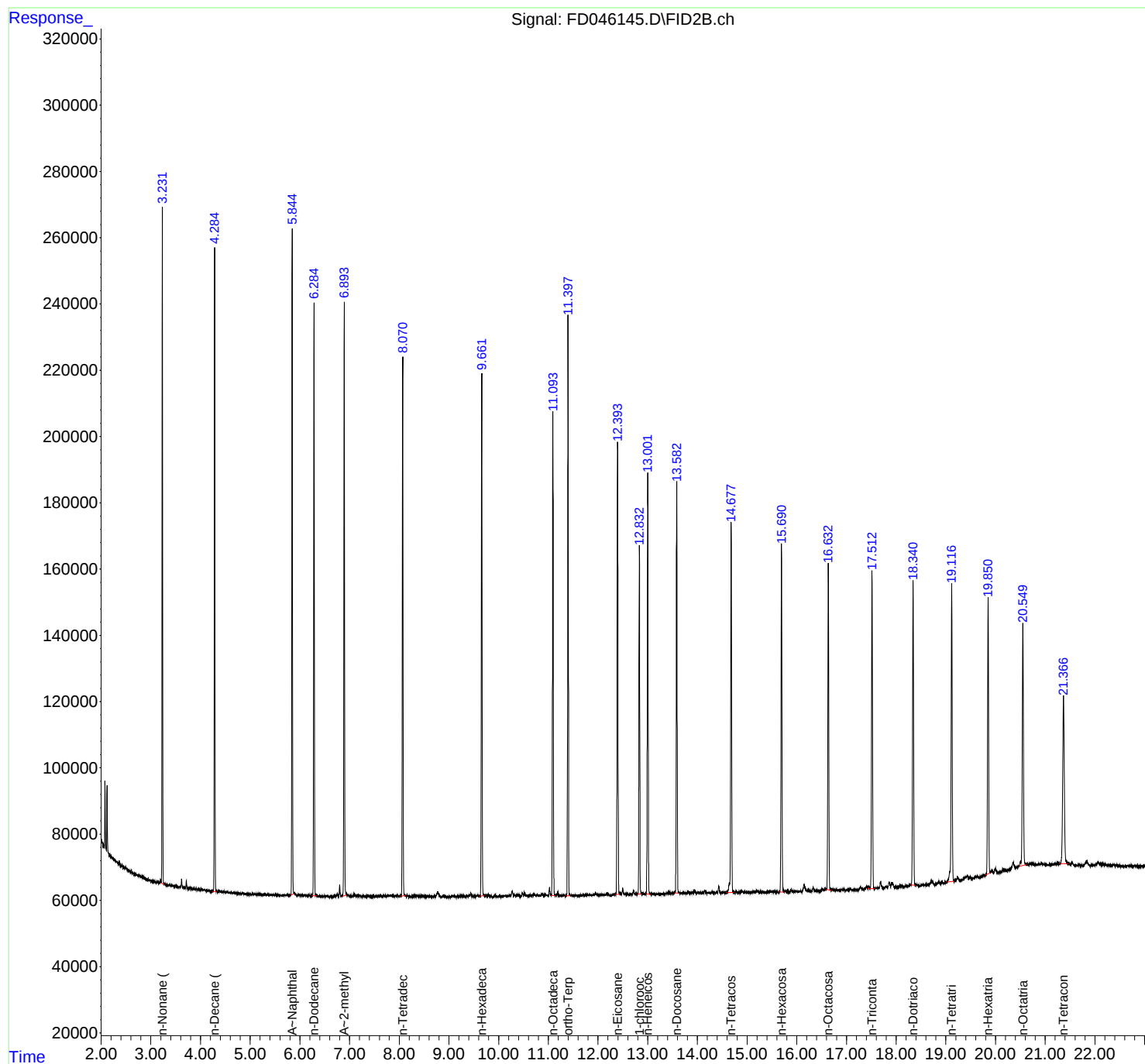
(m)=manual int.

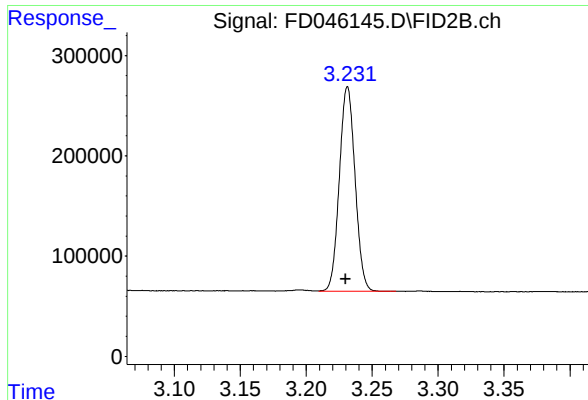
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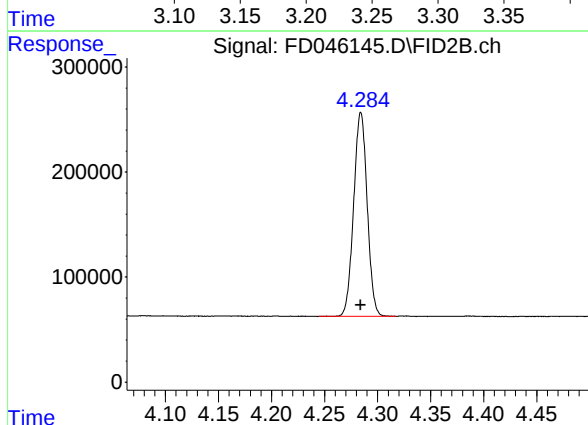




#1 n-Nonane (C9)

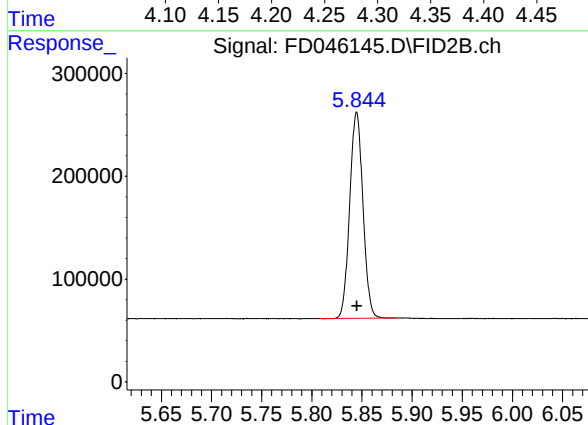
R.T.: 3.231 min
Delta R.T.: 0.001 min
Response: 1691547
Conc: 10.64 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



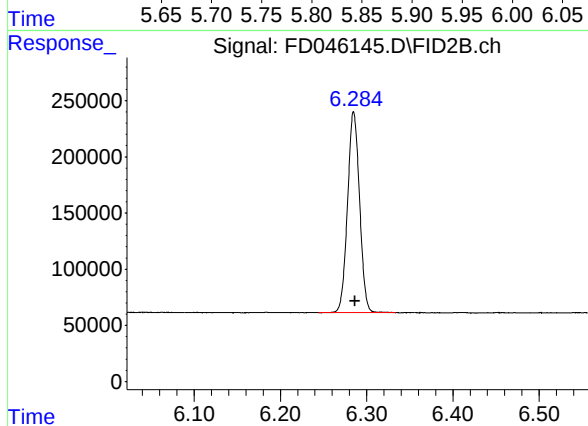
#2 n-Decane (C10)

R.T.: 4.284 min
Delta R.T.: 0.000 min
Response: 1721889
Conc: 10.64 ug/ml



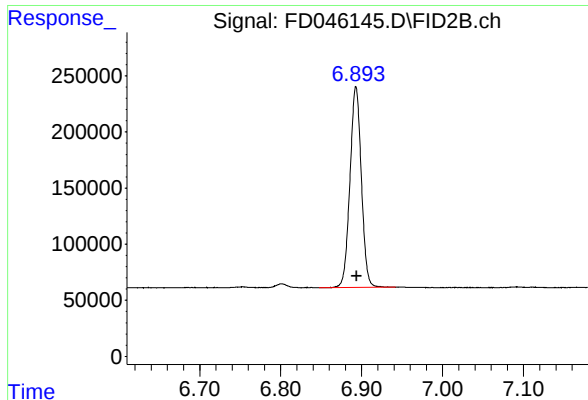
#3 A~Naphthalene (C11.7)

R.T.: 5.845 min
Delta R.T.: 0.000 min
Response: 1843673
Conc: 10.46 ug/ml



#4 n-Dodecane (C12)

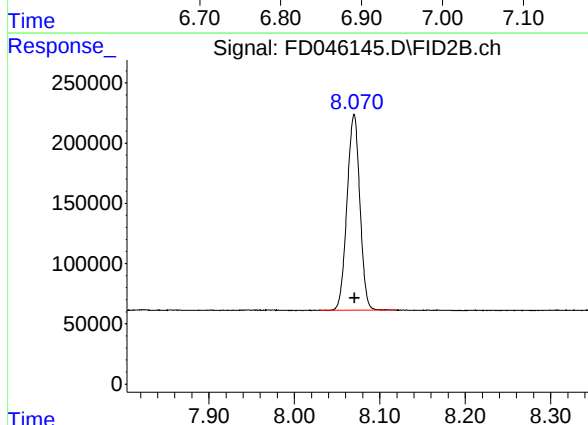
R.T.: 6.285 min
Delta R.T.: -0.001 min
Response: 1732753
Conc: 10.63 ug/ml



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

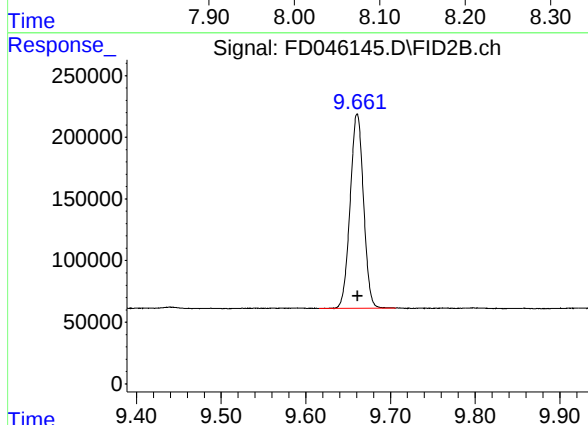
R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 1749192
Conc: 10.46 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



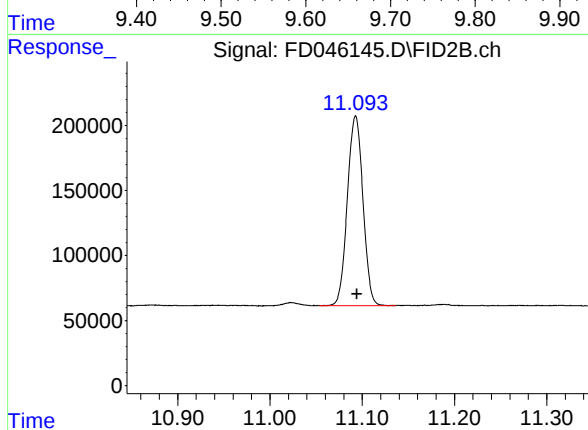
#6 n-Tetradecane (C14)

R.T.: 8.070 min
Delta R.T.: 0.000 min
Response: 1698779
Conc: 10.57 ug/ml



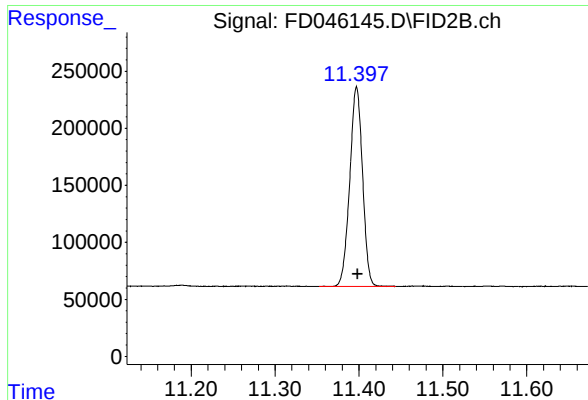
#7 n-Hexadecane (C16)

R.T.: 9.661 min
Delta R.T.: 0.000 min
Response: 1729584
Conc: 10.48 ug/ml



#8 n-Octadecane (C18)

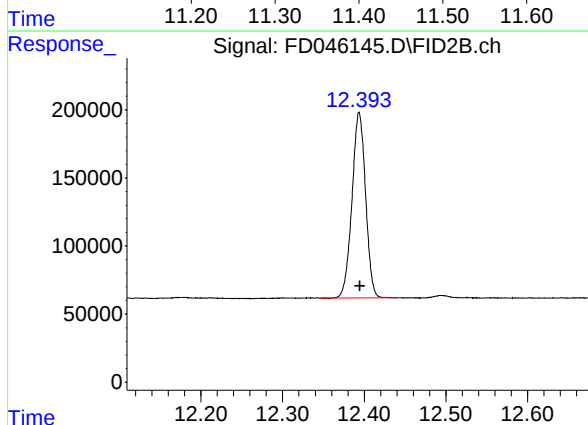
R.T.: 11.093 min
Delta R.T.: -0.001 min
Response: 1714437
Conc: 10.47 ug/ml



#9 ortho-Terphenyl (SURR)

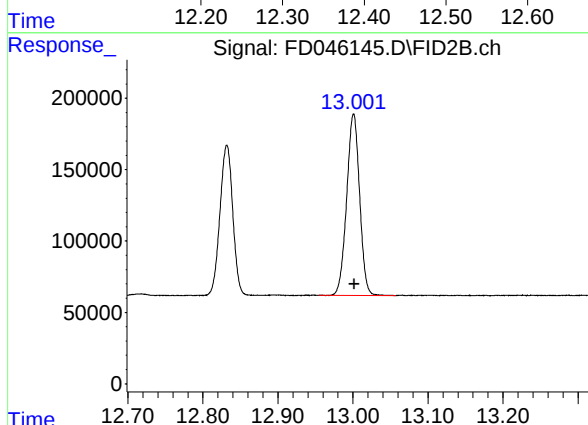
R.T.: 11.397 min
Delta R.T.: -0.001 min
Response: 1852391
Conc: 10.48 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



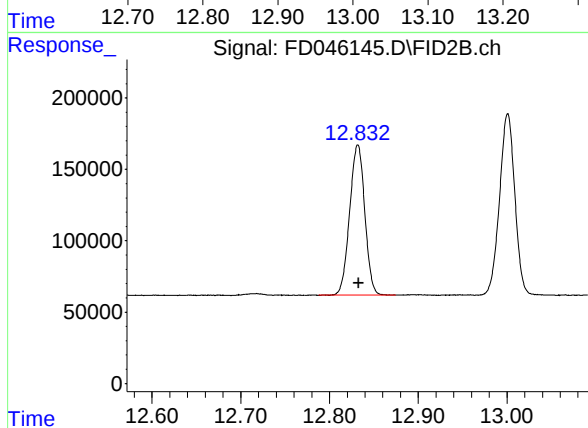
#10 n-Eicosane (C20)

R.T.: 12.394 min
Delta R.T.: -0.001 min
Response: 1577901
Conc: 10.42 ug/ml



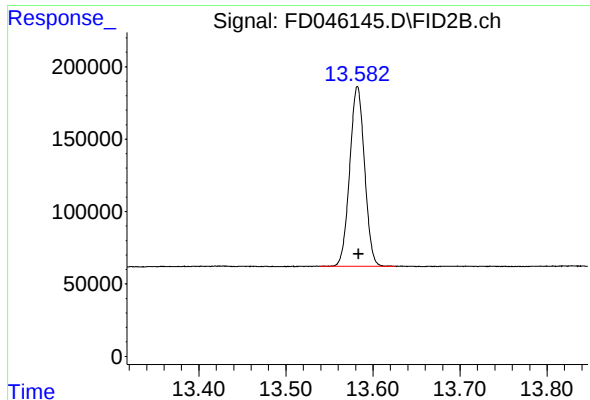
#11 n-Heneicosane (C21)

R.T.: 13.001 min
Delta R.T.: -0.001 min
Response: 1524330
Conc: 10.43 ug/ml



#12 1-chlorooctadecane (SURR)

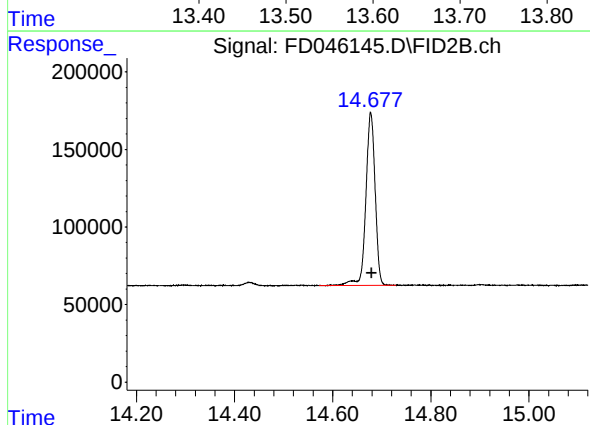
R.T.: 12.832 min
Delta R.T.: -0.001 min
Response: 1248232
Conc: 10.22 ug/ml



#13 n-Docosane (C22)

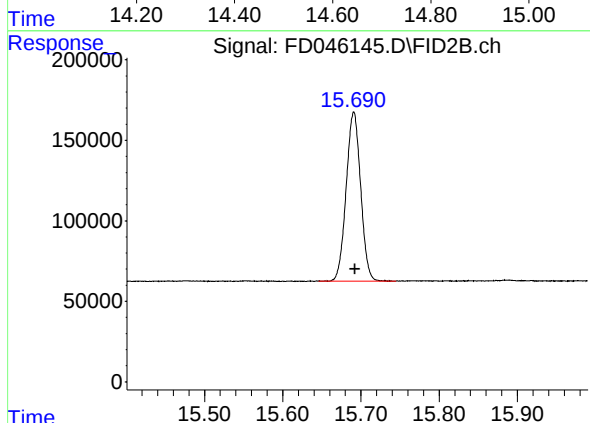
R.T.: 13.582 min
Delta R.T.: -0.001 min
Response: 1469622
Conc: 10.37 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



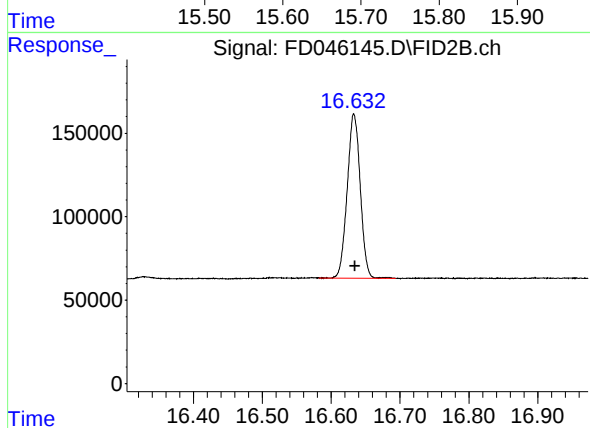
#14 n-Tetracosane (C24)

R.T.: 14.678 min
Delta R.T.: -0.001 min
Response: 1463489
Conc: 10.60 ug/ml



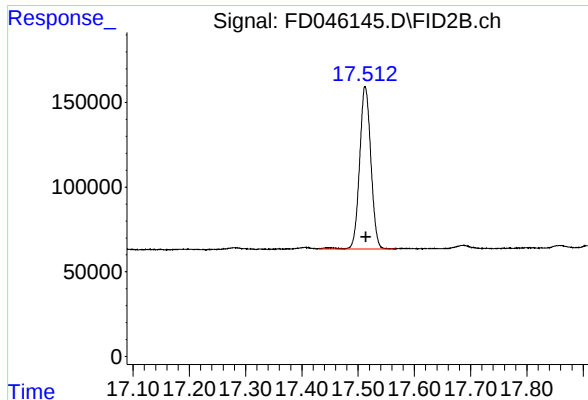
#15 n-Hexacosane (C26)

R.T.: 15.691 min
Delta R.T.: -0.001 min
Response: 1354569
Conc: 10.53 ug/ml



#16 n-Octacosane (C28)

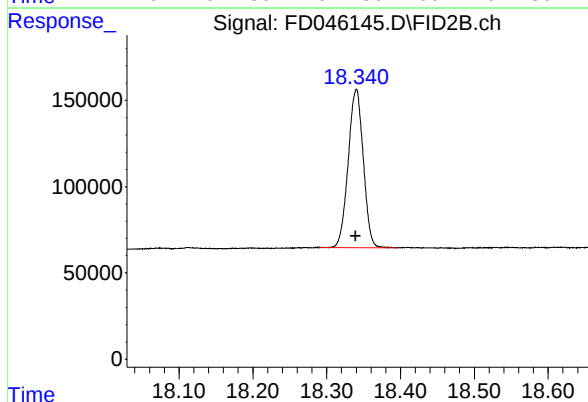
R.T.: 16.633 min
Delta R.T.: -0.001 min
Response: 1297390
Conc: 10.54 ug/ml



#17 n-Tricontane (C30)

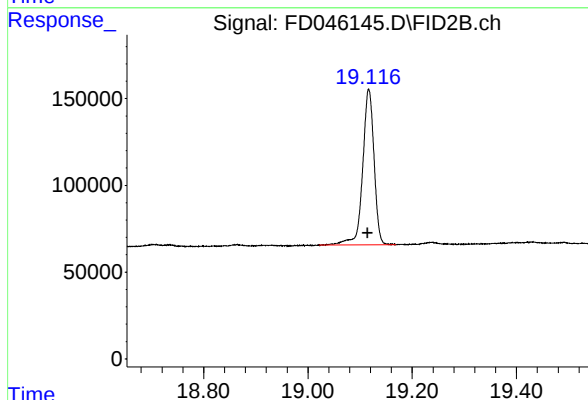
R.T.: 17.513 min
Delta R.T.: -0.002 min
Response: 1329475
Conc: 10.60 ug/ml

Instrument :
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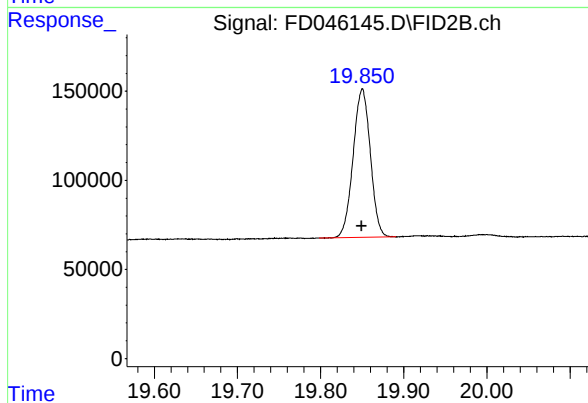
#18 n-Dotriacontane (C32)

R.T.: 18.340 min
Delta R.T.: 0.001 min
Response: 1305422
Conc: 10.57 ug/ml



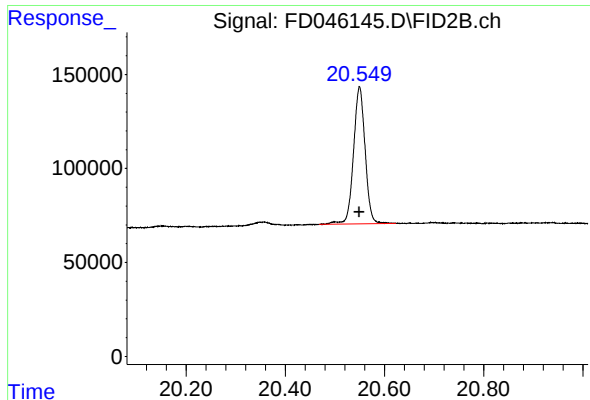
#19 n-Tetratriacontane (C34)

R.T.: 19.117 min
Delta R.T.: 0.002 min
Response: 1363445
Conc: 10.52 ug/ml



#20 n-Hexatriacontane (C36)

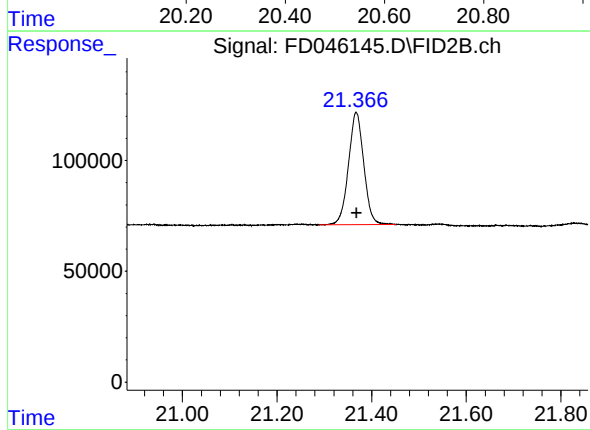
R.T.: 19.850 min
Delta R.T.: 0.000 min
Response: 1199532
Conc: 10.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.550 min
Delta R.T.: 0.000 min
Response: 1184151
Conc: 10.60 ug/ml

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FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.367 min
Delta R.T.: 0.000 min
Response: 1136572
Conc: 10.64 ug/ml