

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122422AL\
 Data File : FD044723.D
 Signal(s) : FID2B.ch
 Acq On : 24 Dec 2022 21:00
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Dec 25 16:50:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 16:49:21 2022
 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)	11.546	1631469	10.708 ug/ml
Spiked Amount 50.000		Recovery =	21.42%
12) S 1-chlorooctadecane (S...	12.972	1236167	10.703 ug/ml
Spiked Amount 50.000		Recovery =	21.41%
Target Compounds			
1) T n-Nonane (C9)	3.378	1514395	10.548 ug/ml
2) T n-Decane (C10)	4.436	1488955	10.567 ug/ml
3) T A~Naphthalene (C11.7)	6.006	1694405	10.547 ug/ml
4) T n-Dodecane (C12)	6.435	1497386	10.610 ug/ml
5) T A~2-methylnaphthalene...	7.052	1592826	10.571 ug/ml
6) T n-Tetradecane (C14)	8.215	1499451	10.703 ug/ml
7) T n-Hexadecane (C16)	9.803	1517966	10.744 ug/ml
8) T n-Octadecane (C18)	11.233	1515112	10.729 ug/ml
10) T n-Eicosane (C20)	12.532	1463874	10.891 ug/ml
11) T n-Heneicosane (C21)	13.138	1451948	10.801 ug/ml
13) T n-Docosane (C22)	13.719	1489478	11.302 ug/ml
14) T n-Tetracosane (C24)	14.813	1544510	11.888 ug/ml
15) T n-Hexacosane (C26)	15.824	1569422	12.337 ug/ml
16) T n-Octacosane (C28)	16.766	1615071	12.862 ug/ml
17) T n-Tricontane (C30)	17.646	1602727	12.846 ug/ml
18) T n-Dotriacontane (C32)	18.470	1593201	12.713 ug/ml
19) T n-Tetratriacontane (C34)	19.247	1471006	11.841 ug/ml
20) T n-Hexatriacontane (C36)	19.979	1367234	11.461 ug/ml
21) T n-Octatriacontane (C38)	20.690	1316578	11.094 ug/ml
22) T n-Tetracontane (C40)	21.550	1306014	11.011 ug/ml

(f)=RT Delta > 1/2 Window

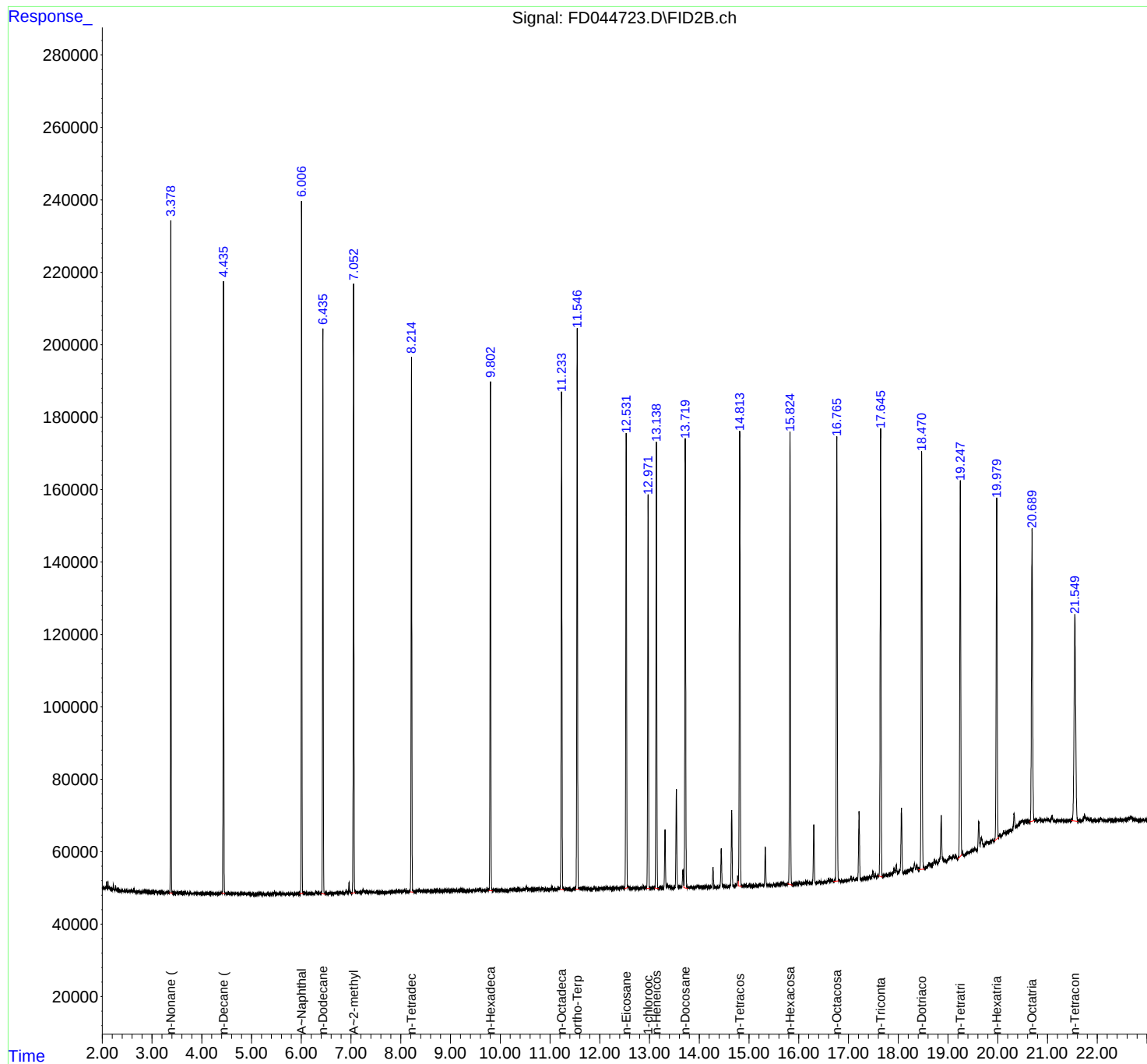
(m)=manual int.

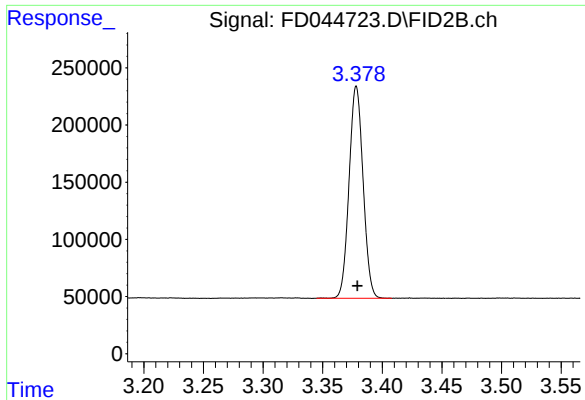
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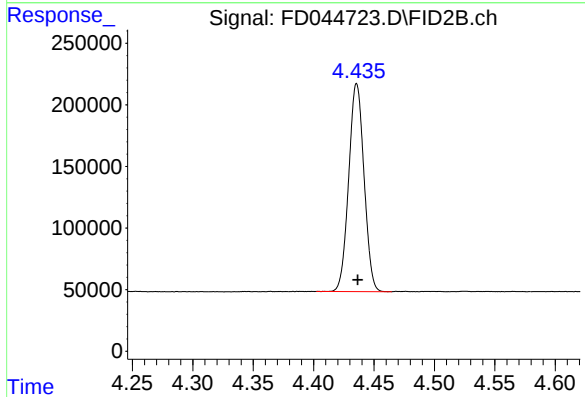




#1 n-Nonane (C9)

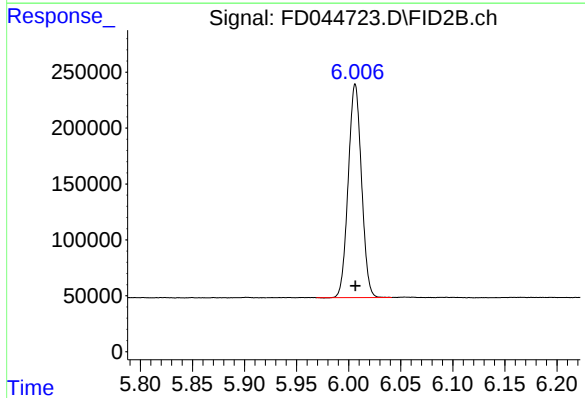
R.T.: 3.378 min
Delta R.T.: 0.000 min
Response: 1514395
Conc: 10.55 ug/ml

Instrument :
FID_D
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10 PPM ALIPHATIC HC STD4



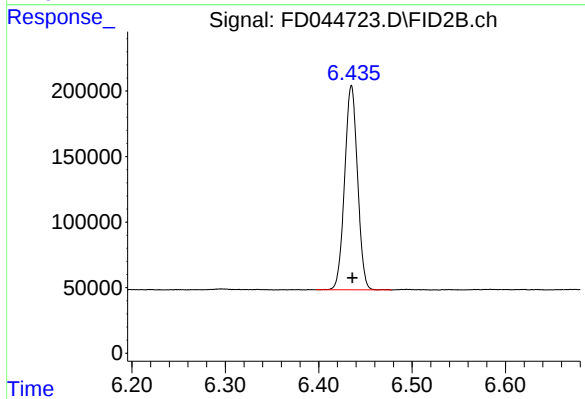
#2 n-Decane (C10)

R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 1488955
Conc: 10.57 ug/ml



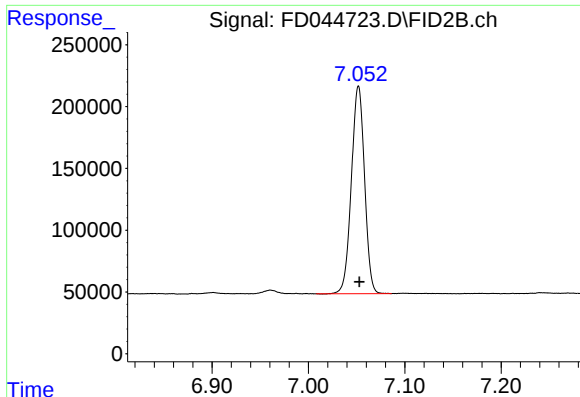
#3 A~Naphthalene (C11.7)

R.T.: 6.006 min
Delta R.T.: 0.000 min
Response: 1694405
Conc: 10.55 ug/ml



#4 n-Dodecane (C12)

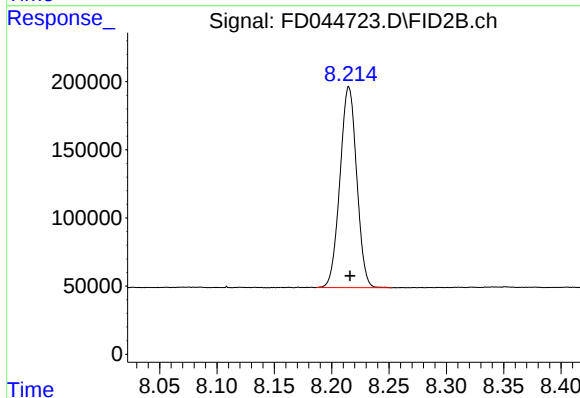
R.T.: 6.435 min
Delta R.T.: 0.000 min
Response: 1497386
Conc: 10.61 ug/ml



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

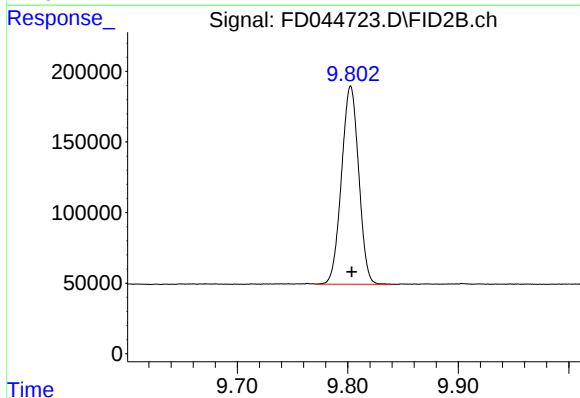
R.T.: 7.052 min
Delta R.T.: -0.001 min
Response: 1592826
Conc: 10.57 ug/ml

Instrument :
FID_D
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10 PPM ALIPHATIC HC STD4



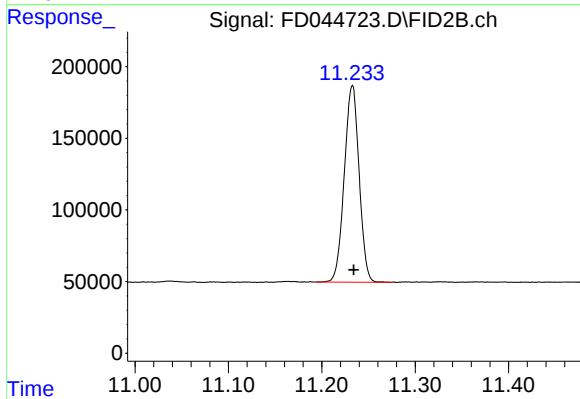
#6 n-Tetradecane (C14)

R.T.: 8.215 min
Delta R.T.: -0.001 min
Response: 1499451
Conc: 10.70 ug/ml



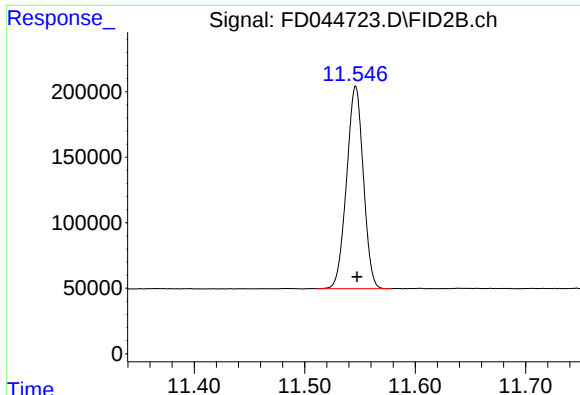
#7 n-Hexadecane (C16)

R.T.: 9.803 min
Delta R.T.: -0.001 min
Response: 1517966
Conc: 10.74 ug/ml



#8 n-Octadecane (C18)

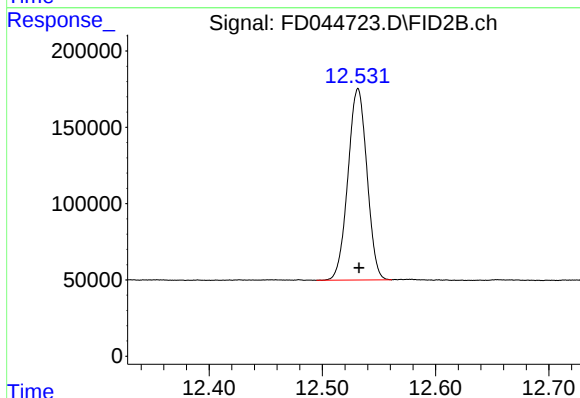
R.T.: 11.233 min
Delta R.T.: -0.001 min
Response: 1515112
Conc: 10.73 ug/ml



#9 ortho-Terphenyl (SURR)

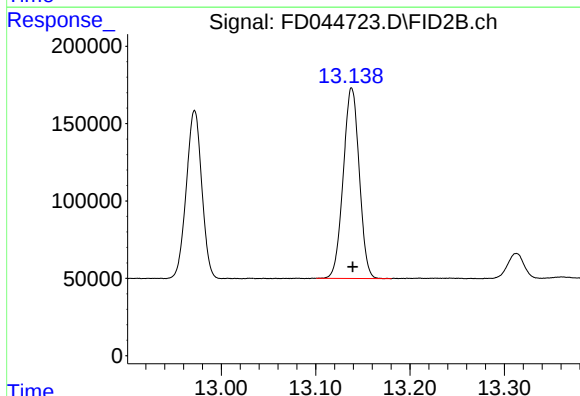
R.T.: 11.546 min
Delta R.T.: -0.001 min
Response: 1631469
Conc: 10.71 ug/ml

Instrument :
FID_D
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10 PPM ALIPHATIC HC STD4



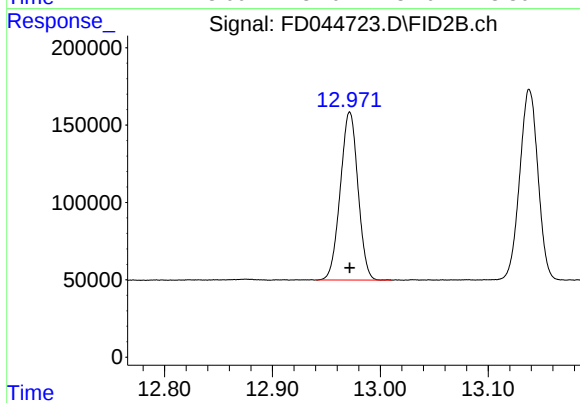
#10 n-Eicosane (C20)

R.T.: 12.532 min
Delta R.T.: 0.000 min
Response: 1463874
Conc: 10.89 ug/ml



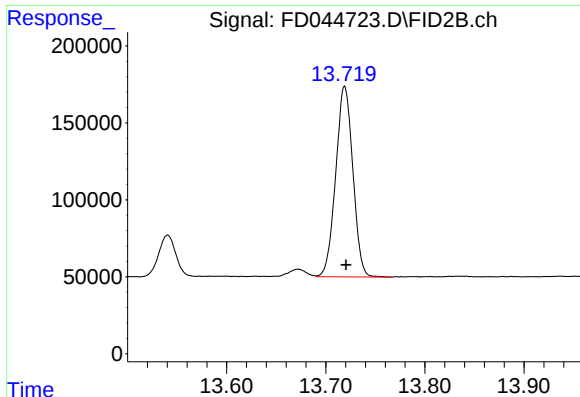
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: -0.001 min
Response: 1451948
Conc: 10.80 ug/ml



#12 1-chlorooctadecane (SURR)

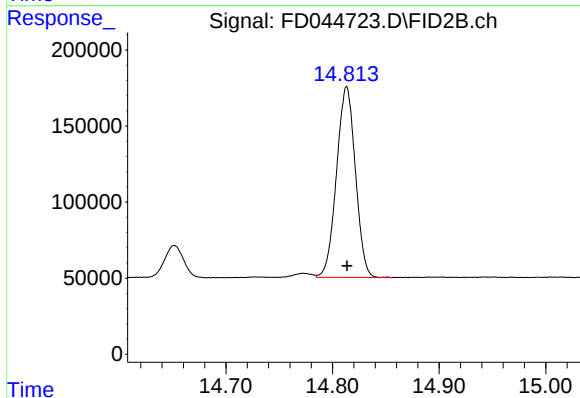
R.T.: 12.972 min
Delta R.T.: 0.000 min
Response: 1236167
Conc: 10.70 ug/ml



#13 n-Docosane (C22)

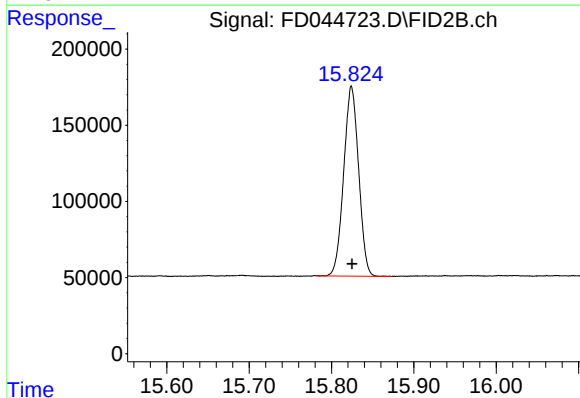
R.T.: 13.719 min
Delta R.T.: -0.001 min
Response: 1489478
Conc: 11.30 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4



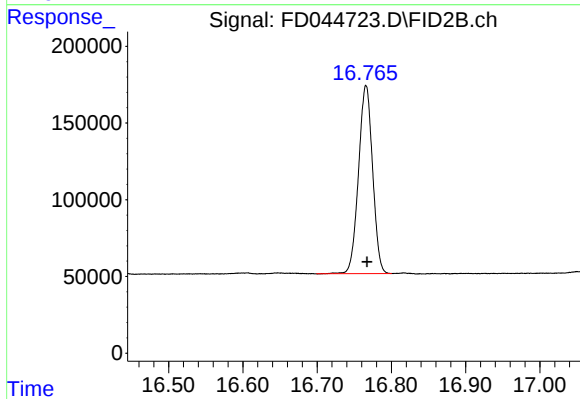
#14 n-Tetracosane (C24)

R.T.: 14.813 min
Delta R.T.: 0.000 min
Response: 1544510
Conc: 11.89 ug/ml



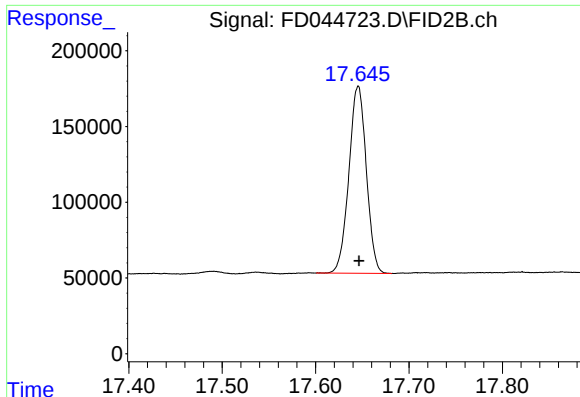
#15 n-Hexacosane (C26)

R.T.: 15.824 min
Delta R.T.: 0.000 min
Response: 1569422
Conc: 12.34 ug/ml



#16 n-Octacosane (C28)

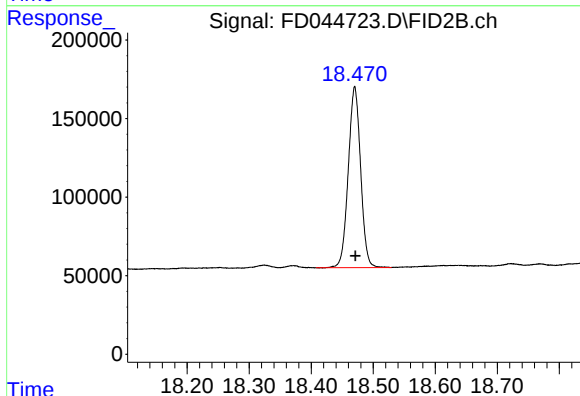
R.T.: 16.766 min
Delta R.T.: -0.001 min
Response: 1615071
Conc: 12.86 ug/ml



#17 n-Tricontane (C30)

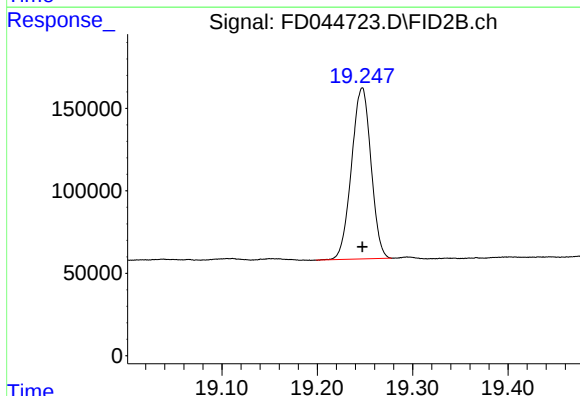
R.T.: 17.646 min
Delta R.T.: -0.001 min
Response: 1602727
Conc: 12.85 ug/ml

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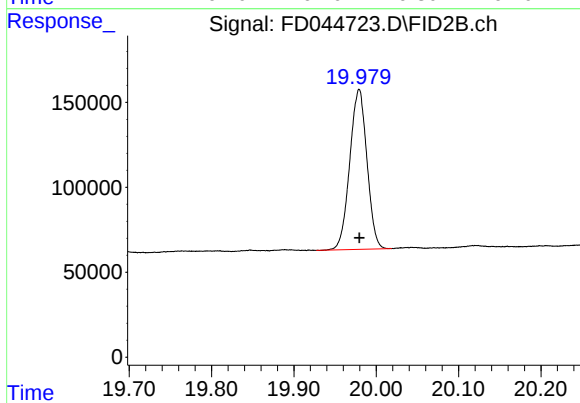
#18 n-Dotriacontane (C32)

R.T.: 18.470 min
Delta R.T.: -0.001 min
Response: 1593201
Conc: 12.71 ug/ml



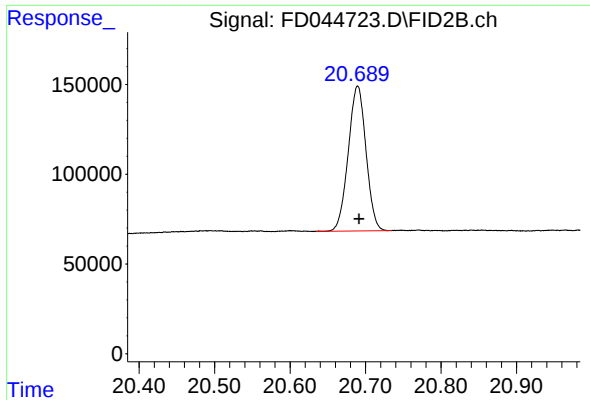
#19 n-Tetratriacontane (C34)

R.T.: 19.247 min
Delta R.T.: 0.000 min
Response: 1471006
Conc: 11.84 ug/ml



#20 n-Hexatriacontane (C36)

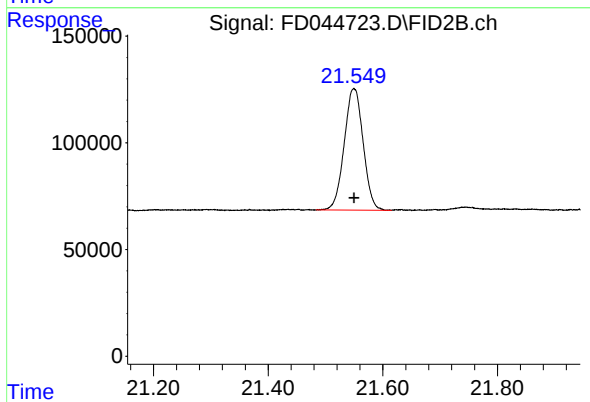
R.T.: 19.979 min
Delta R.T.: 0.000 min
Response: 1367234
Conc: 11.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.690 min
Delta R.T.: -0.002 min
Response: 1316578
Conc: 11.09 ug/ml

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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.550 min
Delta R.T.: 0.000 min
Response: 1306014
Conc: 11.01 ug/ml