

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101024AL\
 Data File : FD048447.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2024 13:38
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Oct 10 14:31:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101024.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 10 13:47:32 2024
 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)	11.263	2019670	10.528 ug/ml
Spiked Amount 50.000		Recovery =	21.06%
12) S 1-chlorooctadecane (S...	12.705	1506095	10.349 ug/ml
Spiked Amount 50.000		Recovery =	20.70%
Target Compounds			
1) T n-Nonane (C9)	3.126	1690744	10.340 ug/ml
2) T n-Decane (C10)	4.172	1749986	10.417 ug/ml
3) T A~Naphthalene (C11.7)	5.721	1903862	10.310 ug/ml
4) T n-Dodecane (C12)	6.165	1771123	10.418 ug/ml
5) T A~2-methylnaphthalene...	6.768	1804306	10.074 ug/ml
6) T n-Tetradecane (C14)	7.946	1774788	10.486 ug/ml
7) T n-Hexadecane (C16)	9.535	1831524	10.480 ug/ml
8) T n-Octadecane (C18)	10.966	1837368	10.432 ug/ml
10) T n-Eicosane (C20)	12.267	1762858	10.437 ug/ml
11) T n-Heneicosane (C21)	12.876	1736171	10.483 ug/ml
13) T n-Docosane (C22)	13.458	1723616	10.438 ug/ml
14) T n-Tetracosane (C24)	14.555	1696979	10.354 ug/ml
15) T n-Hexacosane (C26)	15.569	1653914	10.365 ug/ml
16) T n-Octacosane (C28)	16.514	1654645	10.602 ug/ml
17) T n-Tricontane (C30)	17.395	1738781	10.985 ug/ml
18) T n-Dotriacontane (C32)	18.222	1707246	11.235 ug/ml
19) T n-Tetratriacontane (C34)	19.002	1447887	10.903 ug/ml
20) T n-Hexatriacontane (C36)	19.737	1209946	10.691 ug/ml
21) T n-Octatriacontane (C38)	20.434	1144169	10.507 ug/ml
22) T n-Tetracontane (C40)	21.218	922086	8.803 ug/ml

(f)=RT Delta > 1/2 Window

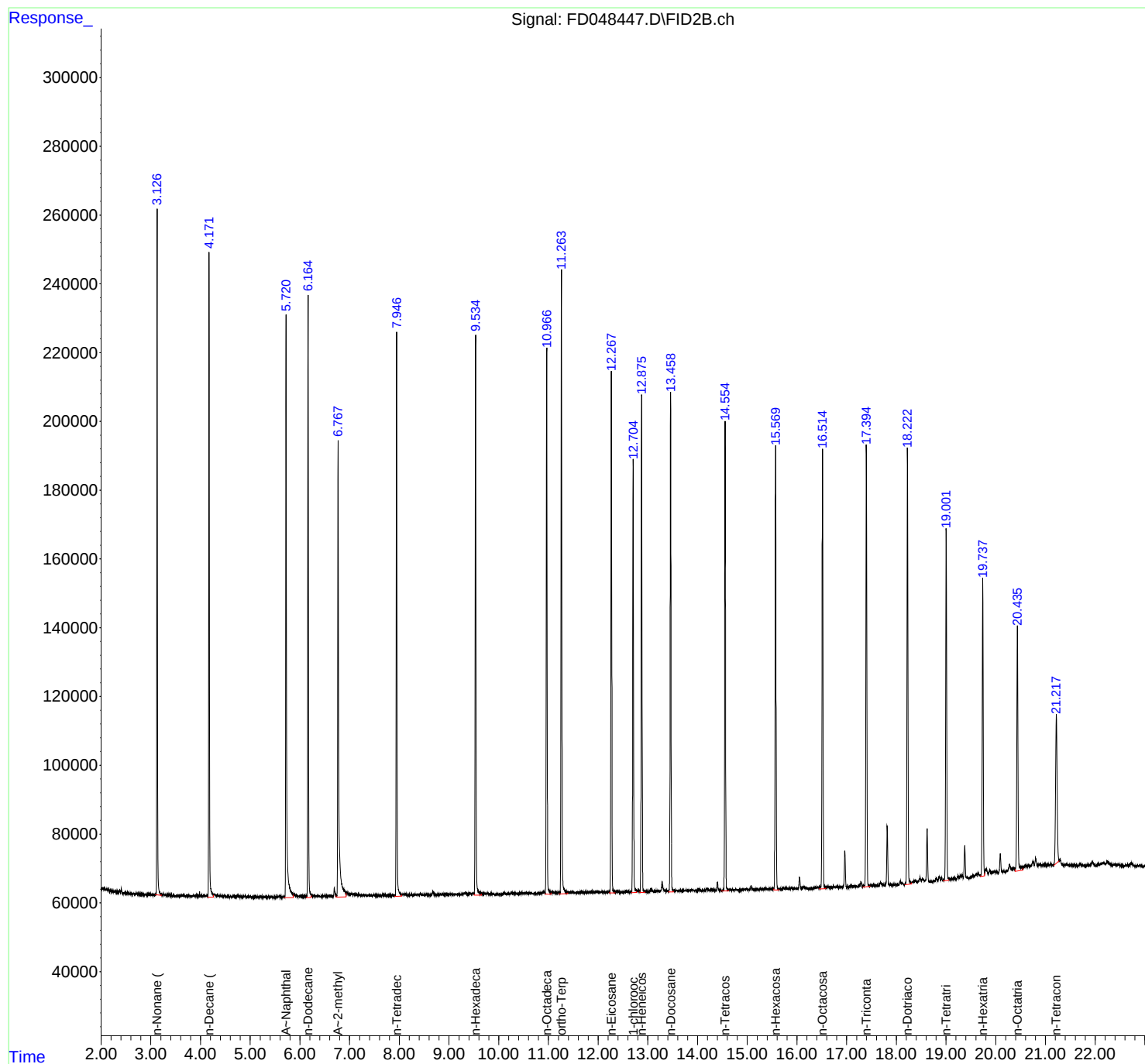
(m)=manual int.

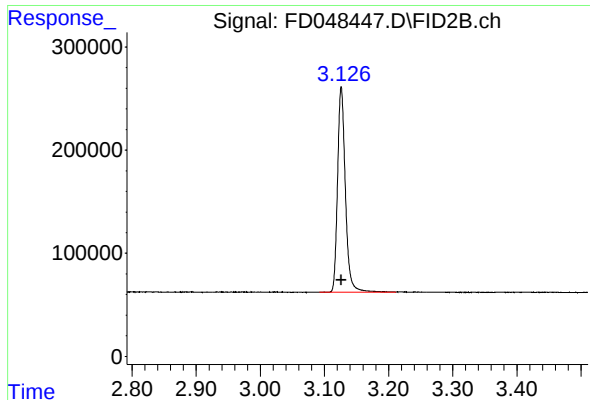
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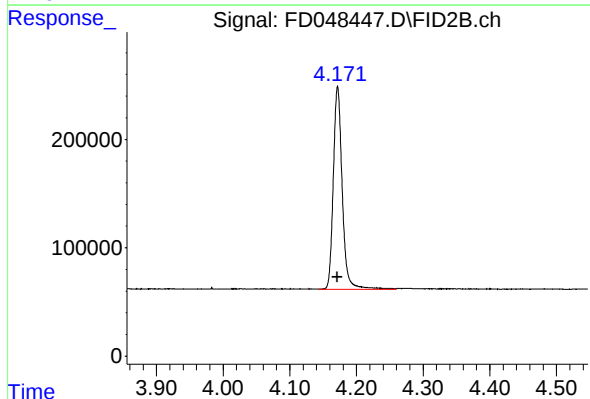




#1 n-Nonane (C9)

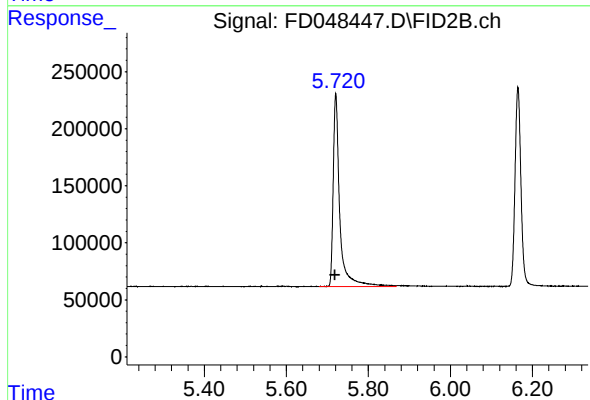
R.T.: 3.126 min
Delta R.T.: 0.000 min
Response: 1690744
Conc: 10.34 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



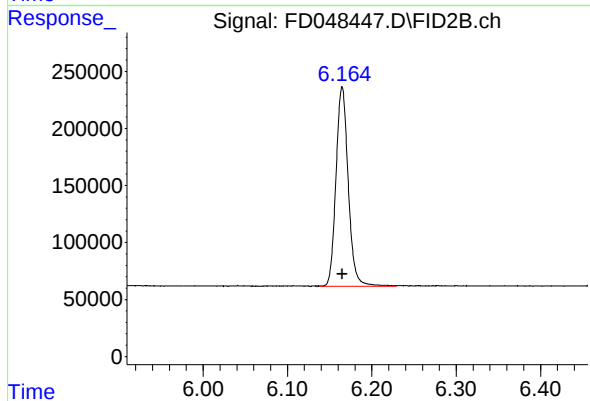
#2 n-Decane (C10)

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 1749986
Conc: 10.42 ug/ml



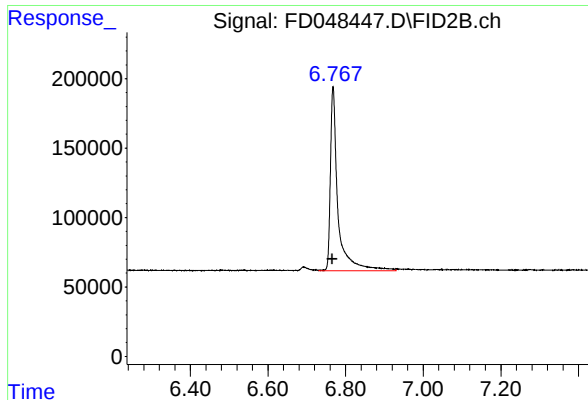
#3 A~Naphthalene (C11.7)

R.T.: 5.721 min
Delta R.T.: 0.002 min
Response: 1903862
Conc: 10.31 ug/ml



#4 n-Dodecane (C12)

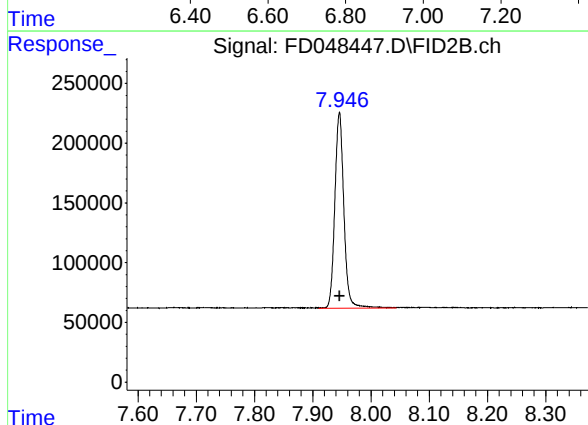
R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 1771123
Conc: 10.42 ug/ml



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

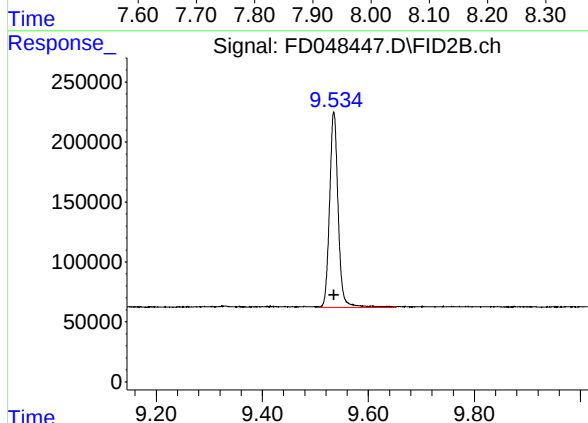
R.T.: 6.768 min
Delta R.T.: 0.003 min
Response: 1804306
Conc: 10.07 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



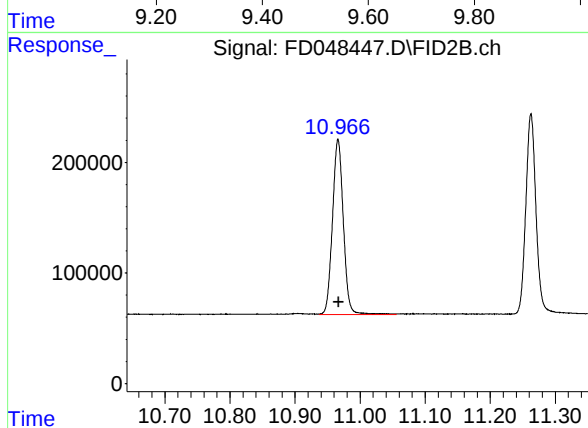
#6 n-Tetradecane (C14)

R.T.: 7.946 min
Delta R.T.: 0.000 min
Response: 1774788
Conc: 10.49 ug/ml



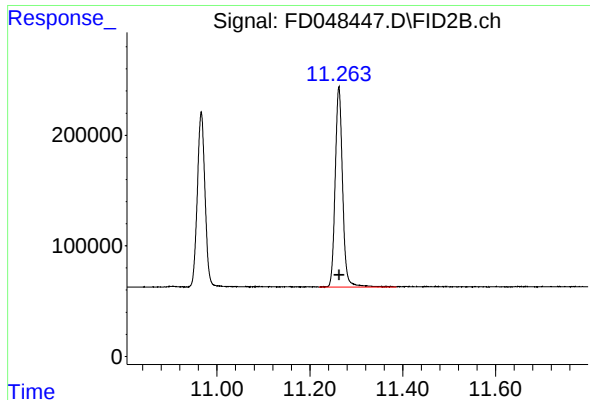
#7 n-Hexadecane (C16)

R.T.: 9.535 min
Delta R.T.: 0.000 min
Response: 1831524
Conc: 10.48 ug/ml



#8 n-Octadecane (C18)

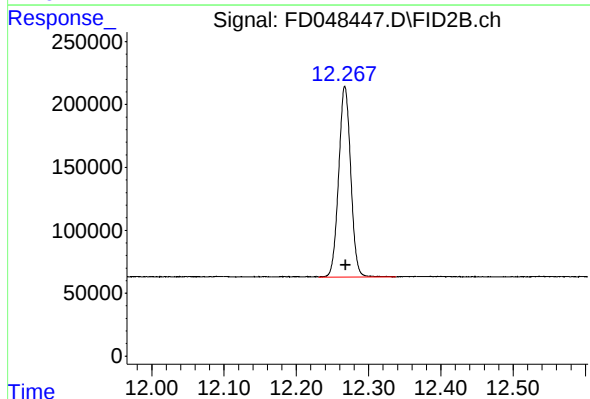
R.T.: 10.966 min
Delta R.T.: 0.000 min
Response: 1837368
Conc: 10.43 ug/ml



#9 ortho-Terphenyl (SURR)

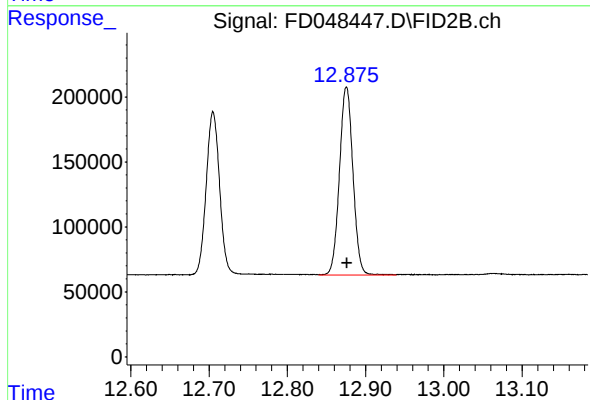
R.T.: 11.263 min
Delta R.T.: -0.001 min
Response: 2019670
Conc: 10.53 ug/ml

Instrument :
FID_D
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10 PPM ALIPHATIC HC STD4



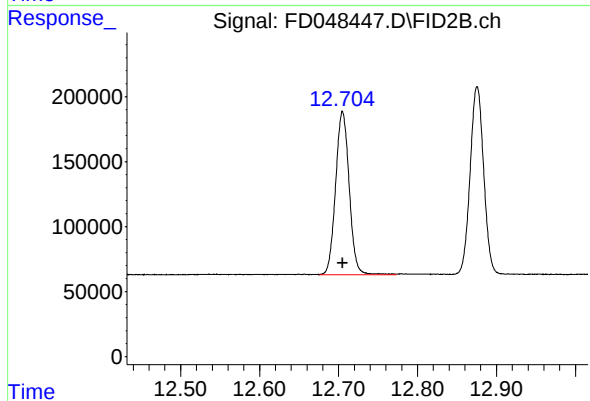
#10 n-Eicosane (C20)

R.T.: 12.267 min
Delta R.T.: 0.000 min
Response: 1762858
Conc: 10.44 ug/ml



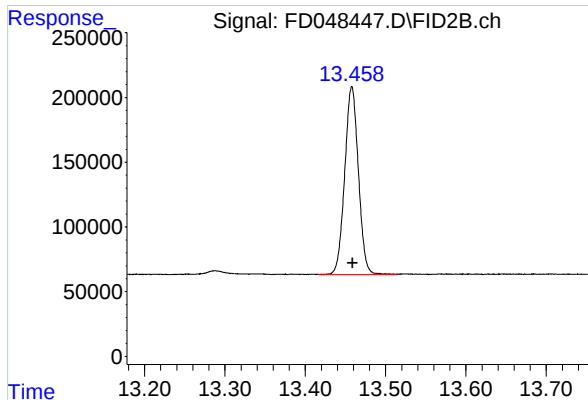
#11 n-Heneicosane (C21)

R.T.: 12.876 min
Delta R.T.: 0.000 min
Response: 1736171
Conc: 10.48 ug/ml



#12 1-chlorooctadecane (SURR)

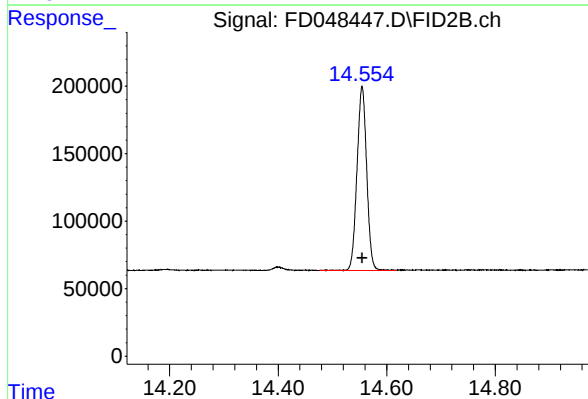
R.T.: 12.705 min
Delta R.T.: 0.000 min
Response: 1506095
Conc: 10.35 ug/ml



#13 n-Docosane (C22)

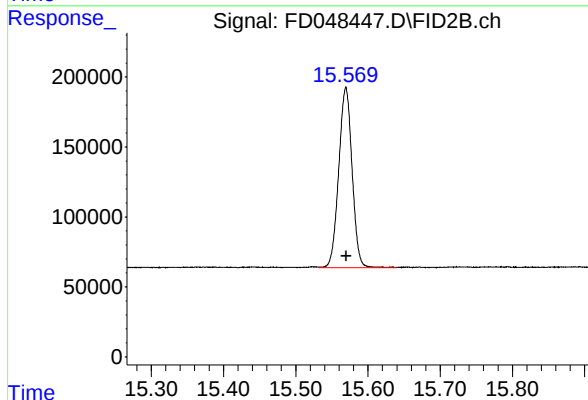
R.T.: 13.458 min
Delta R.T.: 0.000 min
Response: 1723616
Conc: 10.44 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



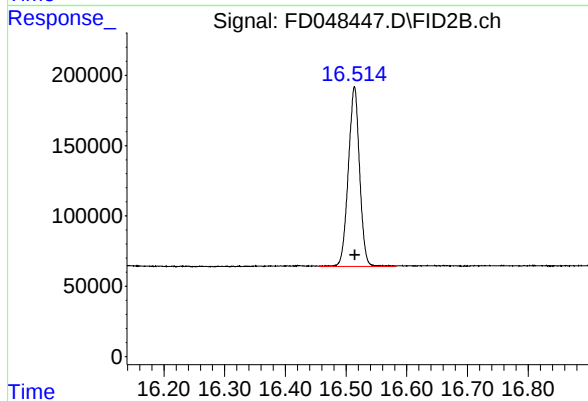
#14 n-Tetracosane (C24)

R.T.: 14.555 min
Delta R.T.: 0.000 min
Response: 1696979
Conc: 10.35 ug/ml



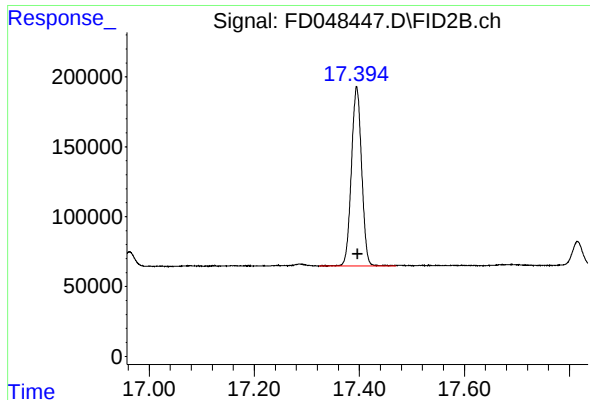
#15 n-Hexacosane (C26)

R.T.: 15.569 min
Delta R.T.: 0.000 min
Response: 1653914
Conc: 10.37 ug/ml



#16 n-Octacosane (C28)

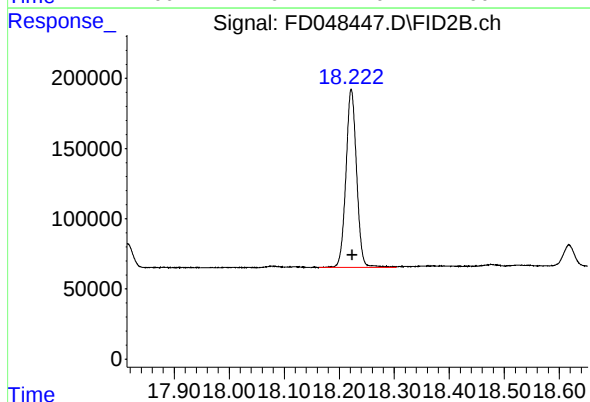
R.T.: 16.514 min
Delta R.T.: 0.000 min
Response: 1654645
Conc: 10.60 ug/ml



#17 n-Tricontane (C30)

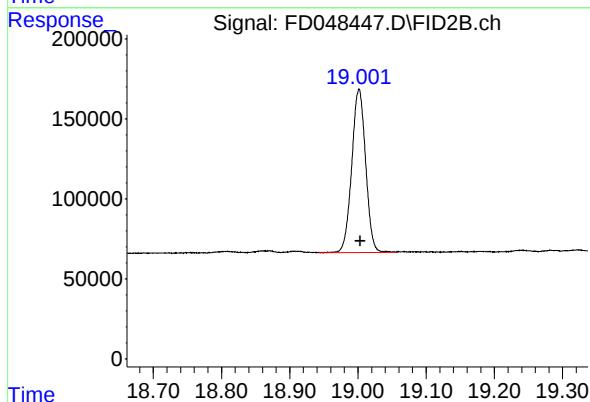
R.T.: 17.395 min
Delta R.T.: -0.002 min
Response: 1738781
Conc: 10.98 ug/ml

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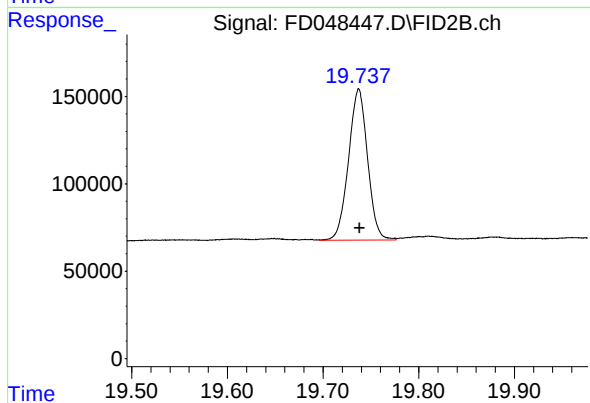
#18 n-Dotriacontane (C32)

R.T.: 18.222 min
Delta R.T.: -0.002 min
Response: 1707246
Conc: 11.24 ug/ml



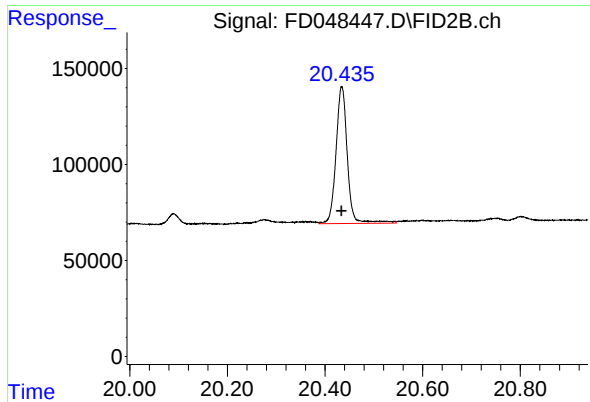
#19 n-Tetatriacontane (C34)

R.T.: 19.002 min
Delta R.T.: -0.002 min
Response: 1447887
Conc: 10.90 ug/ml



#20 n-Hexatriacontane (C36)

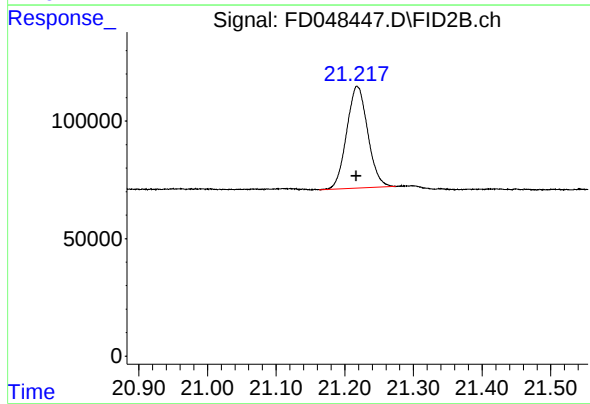
R.T.: 19.737 min
Delta R.T.: -0.001 min
Response: 1209946
Conc: 10.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.434 min
Delta R.T.: 0.000 min
Response: 1144169
Conc: 10.51 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.218 min
Delta R.T.: 0.002 min
Response: 922086
Conc: 8.80 ug/ml