

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012925AL\
 Data File : FD049008.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jan 2025 04:16
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 30 05:06:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 05:57:24 2025
 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)	11.240	4061606	21.034 ug/ml
Spiked Amount 50.000		Recovery =	42.07%
12) S 1-chlorooctadecane (S...	12.682	3104235	21.148 ug/ml
Spiked Amount 50.000		Recovery =	42.30%
Target Compounds			
1) T n-Nonane (C9)	3.106	3390548	21.201 ug/ml
2) T n-Decane (C10)	4.150	3439020	21.091 ug/ml
3) T A~Naphthalene (C11.7)	5.697	3656980	21.399 ug/ml
4) T n-Dodecane (C12)	6.143	3511894	21.204 ug/ml
5) T A~2-methylnaphthalene...	6.744	3510499	21.778 ug/ml
6) T n-Tetradecane (C14)	7.923	3481407	21.059 ug/ml
7) T n-Hexadecane (C16)	9.512	3633872	21.075 ug/ml
8) T n-Octadecane (C18)	10.944	3695625	20.959 ug/ml
10) T n-Eicosane (C20)	12.245	3600249	20.919 ug/ml
11) T n-Heneicosane (C21)	12.853	3562504	20.921 ug/ml
13) T n-Docosane (C22)	13.436	3556255	20.913 ug/ml
14) T n-Tetracosane (C24)	14.533	3549853	20.837 ug/ml
15) T n-Hexacosane (C26)	15.548	3478522	20.768 ug/ml
16) T n-Octacosane (C28)	16.492	3404215	20.464 ug/ml
17) T n-Tricontane (C30)	17.375	3423710	19.946 ug/ml
18) T n-Dotriacontane (C32)	18.202	3241347	19.827 ug/ml
19) T n-Tetratriacontane (C34)	18.981	2806229	20.143 ug/ml
20) T n-Hexatriacontane (C36)	19.717	2381684	20.712 ug/ml
21) T n-Octatriacontane (C38)	20.414	2194626	21.180 ug/ml
22) T n-Tetracontane (C40)	21.189	2017852	21.055 ug/ml

(f)=RT Delta > 1/2 Window

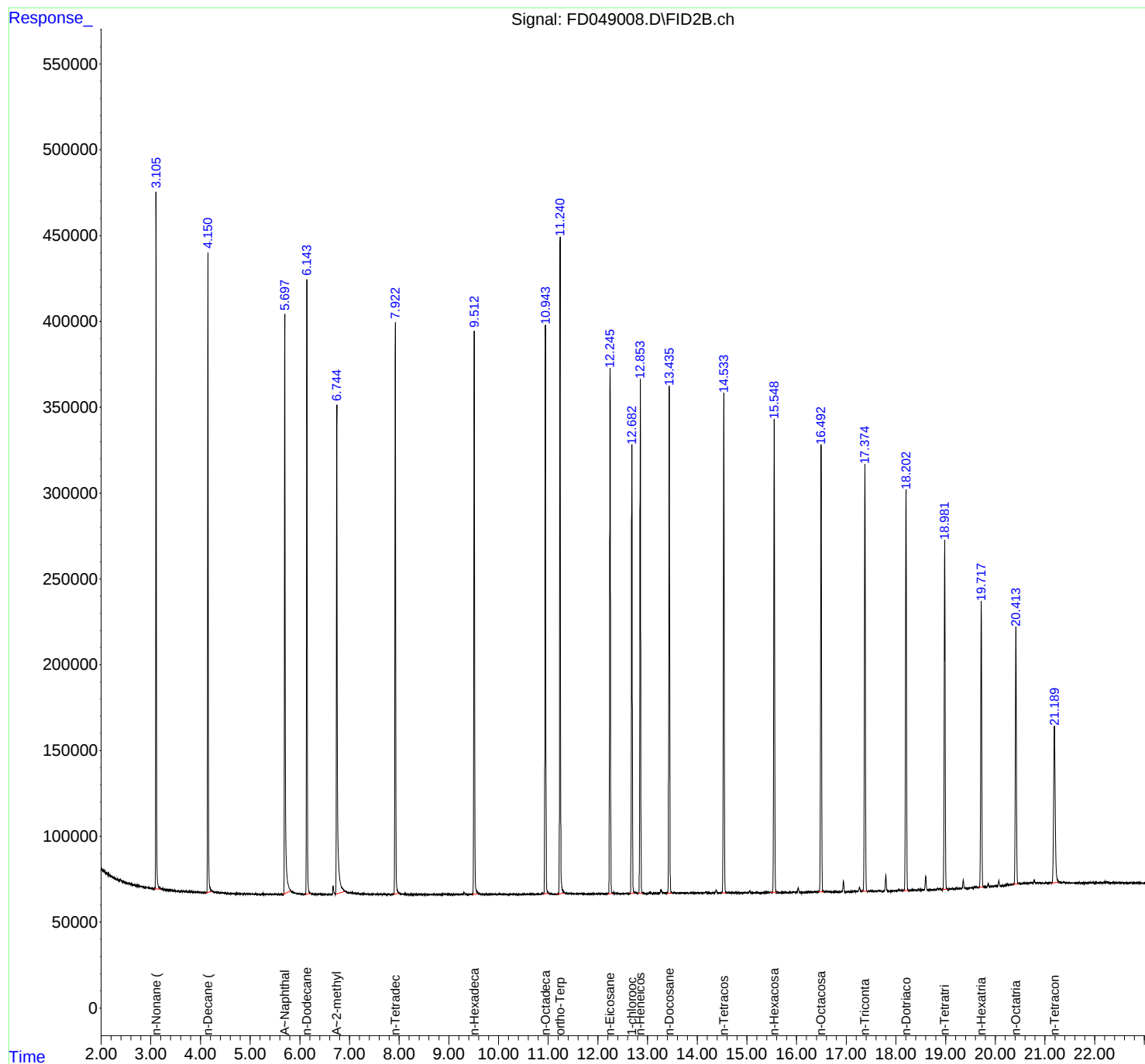
(m)=manual int.

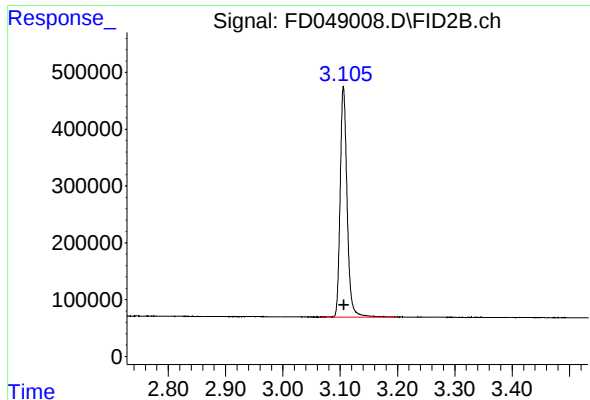
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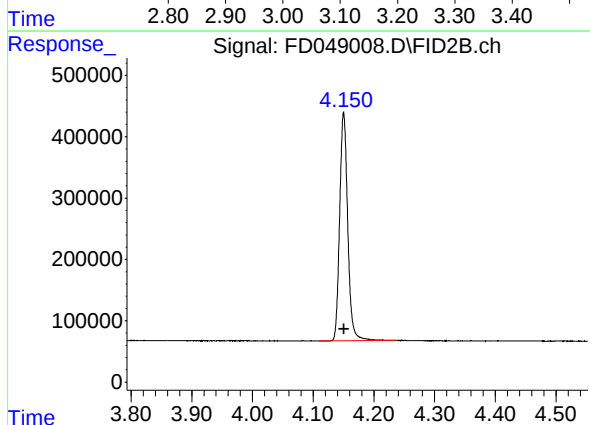




#1 n-Nonane (C9)

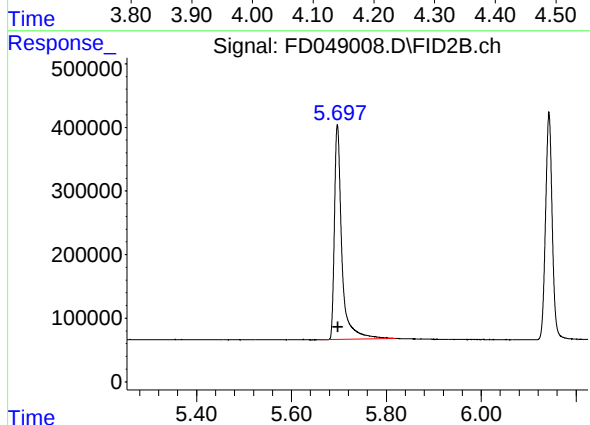
R.T.: 3.106 min
Delta R.T.: -0.001 min
Response: 3390548
Conc: 21.20 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



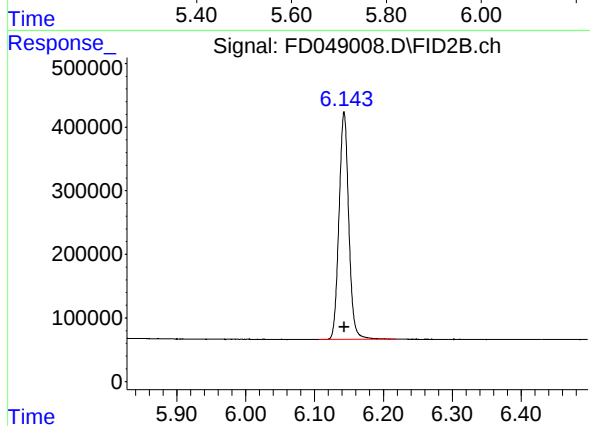
#2 n-Decane (C10)

R.T.: 4.150 min
Delta R.T.: 0.000 min
Response: 3439020
Conc: 21.09 ug/ml



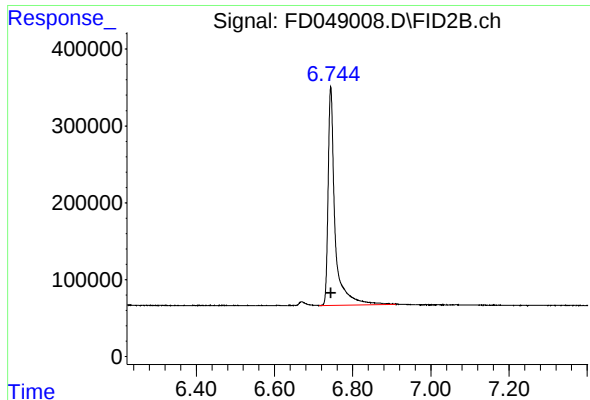
#3 A~Naphthalene (C11.7)

R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 3656980
Conc: 21.40 ug/ml



#4 n-Dodecane (C12)

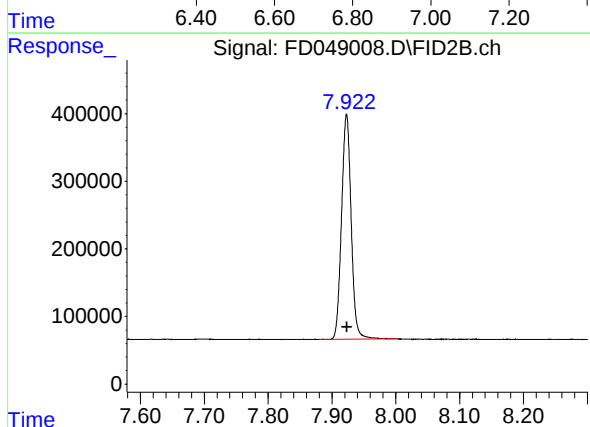
R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 3511894
Conc: 21.20 ug/ml



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

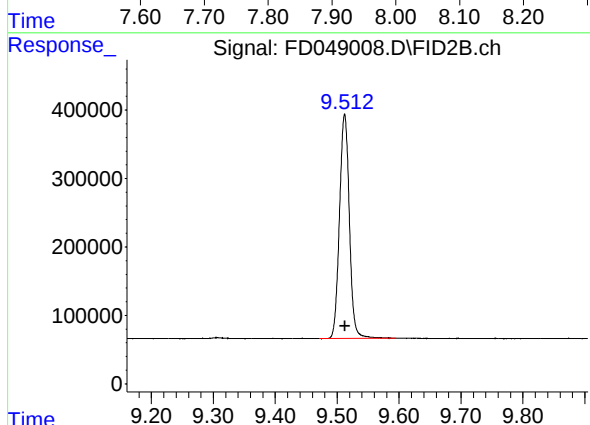
R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 3510499
Conc: 21.78 ug/ml

Instrument :
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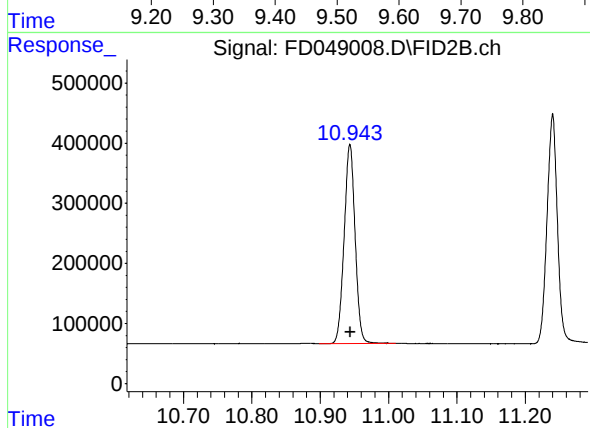
#6 n-Tetradecane (C14)

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 3481407
Conc: 21.06 ug/ml



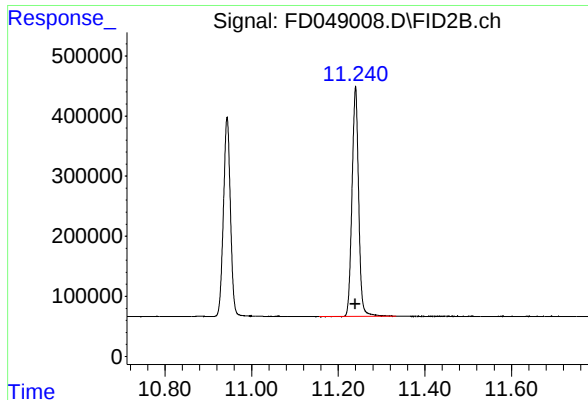
#7 n-Hexadecane (C16)

R.T.: 9.512 min
Delta R.T.: 0.000 min
Response: 3633872
Conc: 21.08 ug/ml



#8 n-Octadecane (C18)

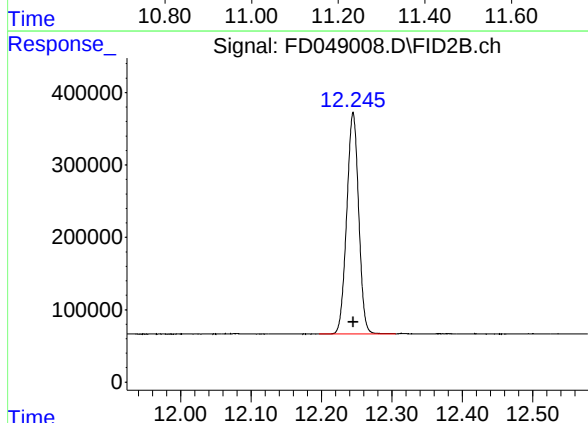
R.T.: 10.944 min
Delta R.T.: 0.000 min
Response: 3695625
Conc: 20.96 ug/ml



#9 ortho-Terphenyl (SURR)

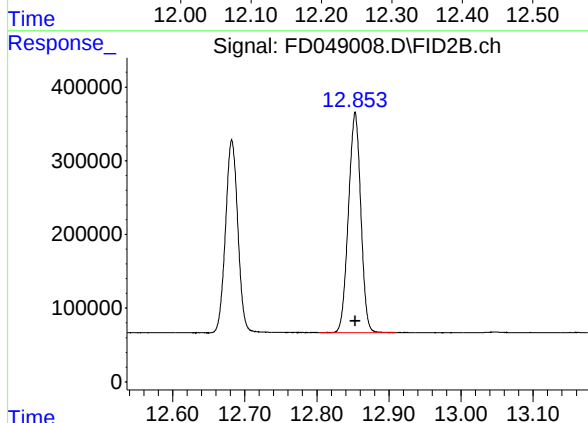
R.T.: 11.240 min
Delta R.T.: 0.001 min
Response: 4061606
Conc: 21.03 ug/ml

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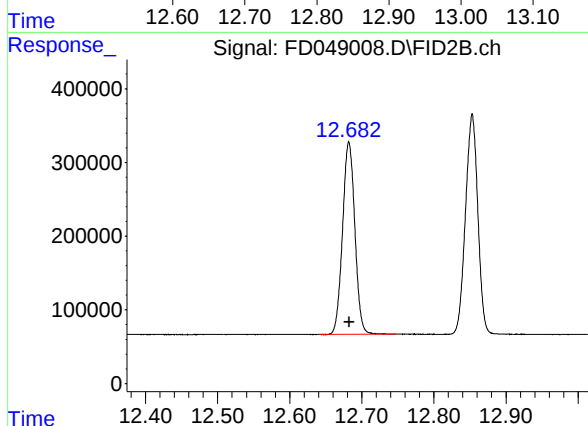
#10 n-Eicosane (C20)

R.T.: 12.245 min
Delta R.T.: 0.000 min
Response: 3600249
Conc: 20.92 ug/ml



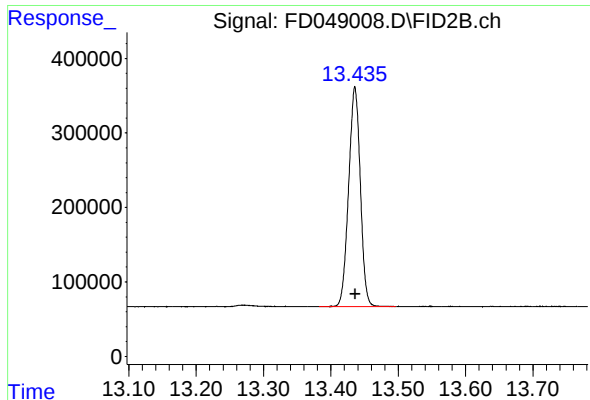
#11 n-Heneicosane (C21)

R.T.: 12.853 min
Delta R.T.: 0.000 min
Response: 3562504
Conc: 20.92 ug/ml



#12 1-chlorooctadecane (SURR)

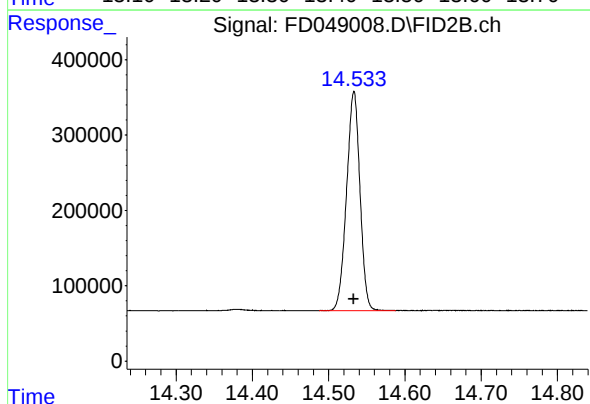
R.T.: 12.682 min
Delta R.T.: 0.000 min
Response: 3104235
Conc: 21.15 ug/ml



#13 n-Docosane (C22)

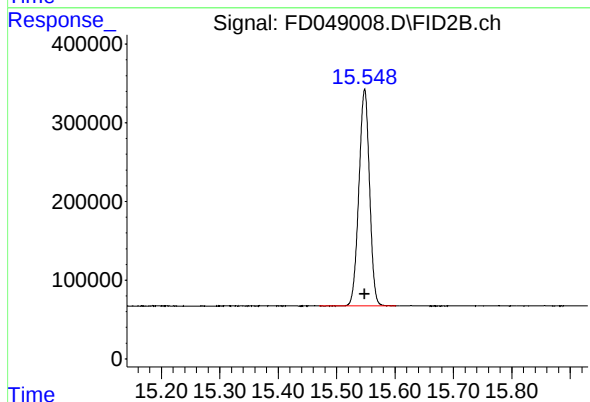
R.T.: 13.436 min
Delta R.T.: 0.000 min
Response: 3556255
Conc: 20.91 ug/ml

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20 PPM ALIPHATIC HC STD



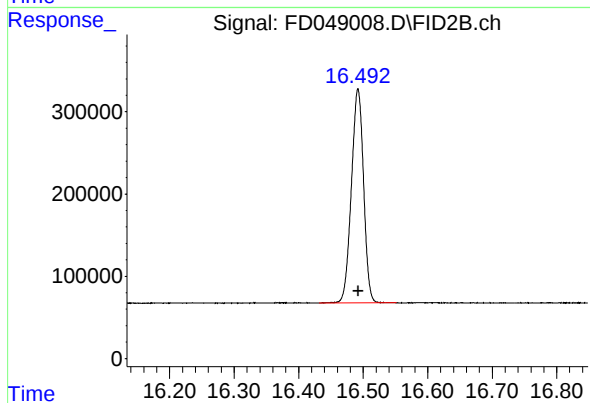
#14 n-Tetracosane (C24)

R.T.: 14.533 min
Delta R.T.: 0.000 min
Response: 3549853
Conc: 20.84 ug/ml



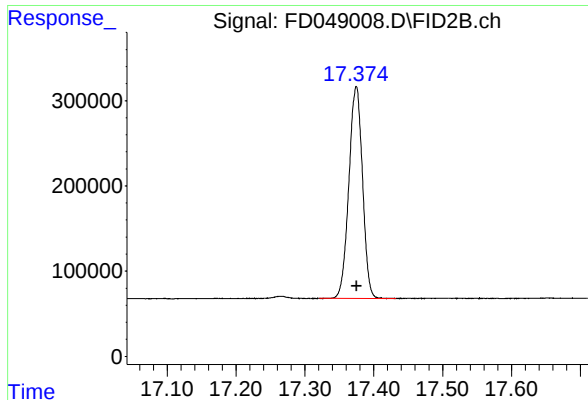
#15 n-Hexacosane (C26)

R.T.: 15.548 min
Delta R.T.: 0.000 min
Response: 3478522
Conc: 20.77 ug/ml



#16 n-Octacosane (C28)

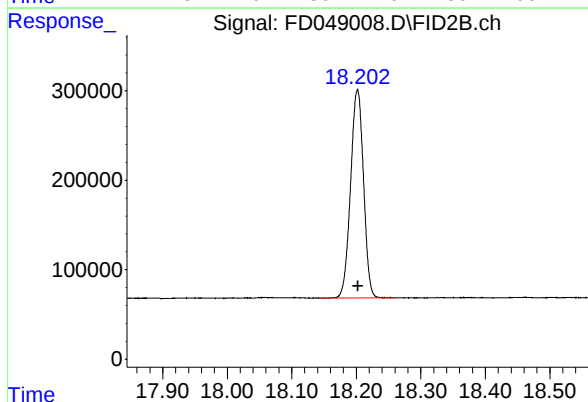
R.T.: 16.492 min
Delta R.T.: 0.000 min
Response: 3404215
Conc: 20.46 ug/ml



#17 n-Tricontane (C30)

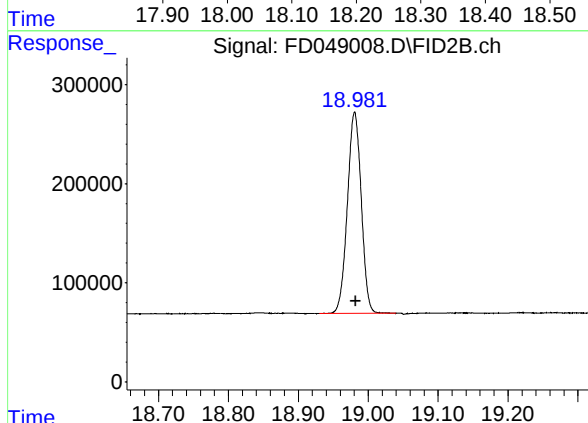
R.T.: 17.375 min
Delta R.T.: 0.000 min
Response: 3423710
Conc: 19.95 ug/ml

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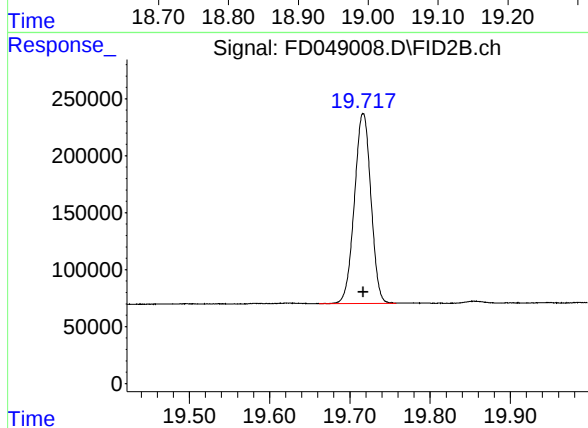
#18 n-Dotriacontane (C32)

R.T.: 18.202 min
Delta R.T.: 0.000 min
Response: 3241347
Conc: 19.83 ug/ml



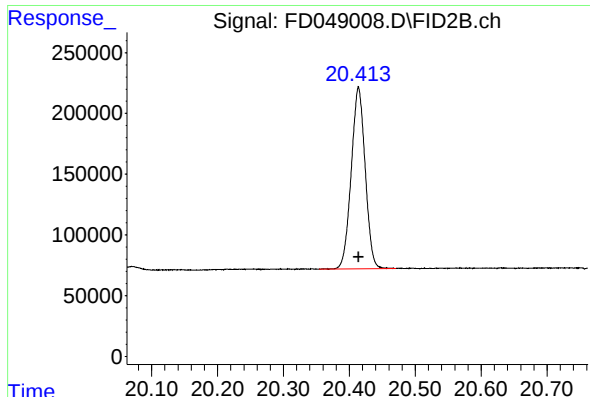
#19 n-Tetatriacontane (C34)

R.T.: 18.981 min
Delta R.T.: -0.001 min
Response: 2806229
Conc: 20.14 ug/ml



#20 n-Hexatriacontane (C36)

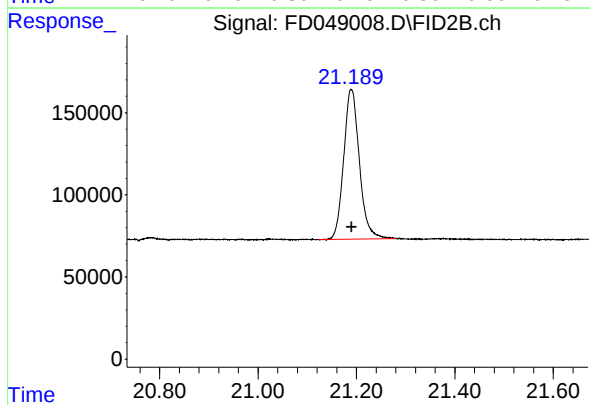
R.T.: 19.717 min
Delta R.T.: 0.000 min
Response: 2381684
Conc: 20.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.414 min
Delta R.T.: 0.000 min
Response: 2194626
Conc: 21.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.189 min
Delta R.T.: -0.001 min
Response: 2017852
Conc: 21.05 ug/ml