

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013125AL\
 Data File : FD049023.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jan 2025 12:15
 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: Feb 01 03:45:31 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	4227334	21.893 ug/ml
Spiked Amount 50.000		Recovery =	43.79%
12) S 1-chlorooctadecane (S...	12.682	3222309	21.953 ug/ml
Spiked Amount 50.000		Recovery =	43.91%
Target Compounds			
1) T n-Nonane (C9)	3.107	3450706	21.577 ug/ml
2) T n-Decane (C10)	4.151	3538306	21.700 ug/ml
3) T A~Naphthalene (C11.7)	5.697	3741823	21.896 ug/ml
4) T n-Dodecane (C12)	6.142	3625543	21.891 ug/ml
5) T A~2-methylnaphthalene...	6.744	3641753	22.592 ug/ml
6) T n-Tetradecane (C14)	7.923	3619134	21.892 ug/ml
7) T n-Hexadecane (C16)	9.512	3790383	21.983 ug/ml
8) T n-Octadecane (C18)	10.944	3874354	21.973 ug/ml
10) T n-Eicosane (C20)	12.244	3764172	21.871 ug/ml
11) T n-Heneicosane (C21)	12.852	3714502	21.814 ug/ml
13) T n-Docosane (C22)	13.436	3706827	21.799 ug/ml
14) T n-Tetracosane (C24)	14.533	3679356	21.597 ug/ml
15) T n-Hexacosane (C26)	15.548	3603812	21.516 ug/ml
16) T n-Octacosane (C28)	16.493	3503389	21.060 ug/ml
17) T n-Tricontane (C30)	17.374	3529342	20.561 ug/ml
18) T n-Dotriacontane (C32)	18.203	3342428	20.445 ug/ml
19) T n-Tetratriacontane (C34)	18.981	2866609	20.576 ug/ml
20) T n-Hexatriacontane (C36)	19.718	2411424	20.971 ug/ml
21) T n-Octatriacontane (C38)	20.415	2204676	21.277 ug/ml
22) T n-Tetracontane (C40)	21.191	1967348	20.528 ug/ml

(f)=RT Delta > 1/2 Window

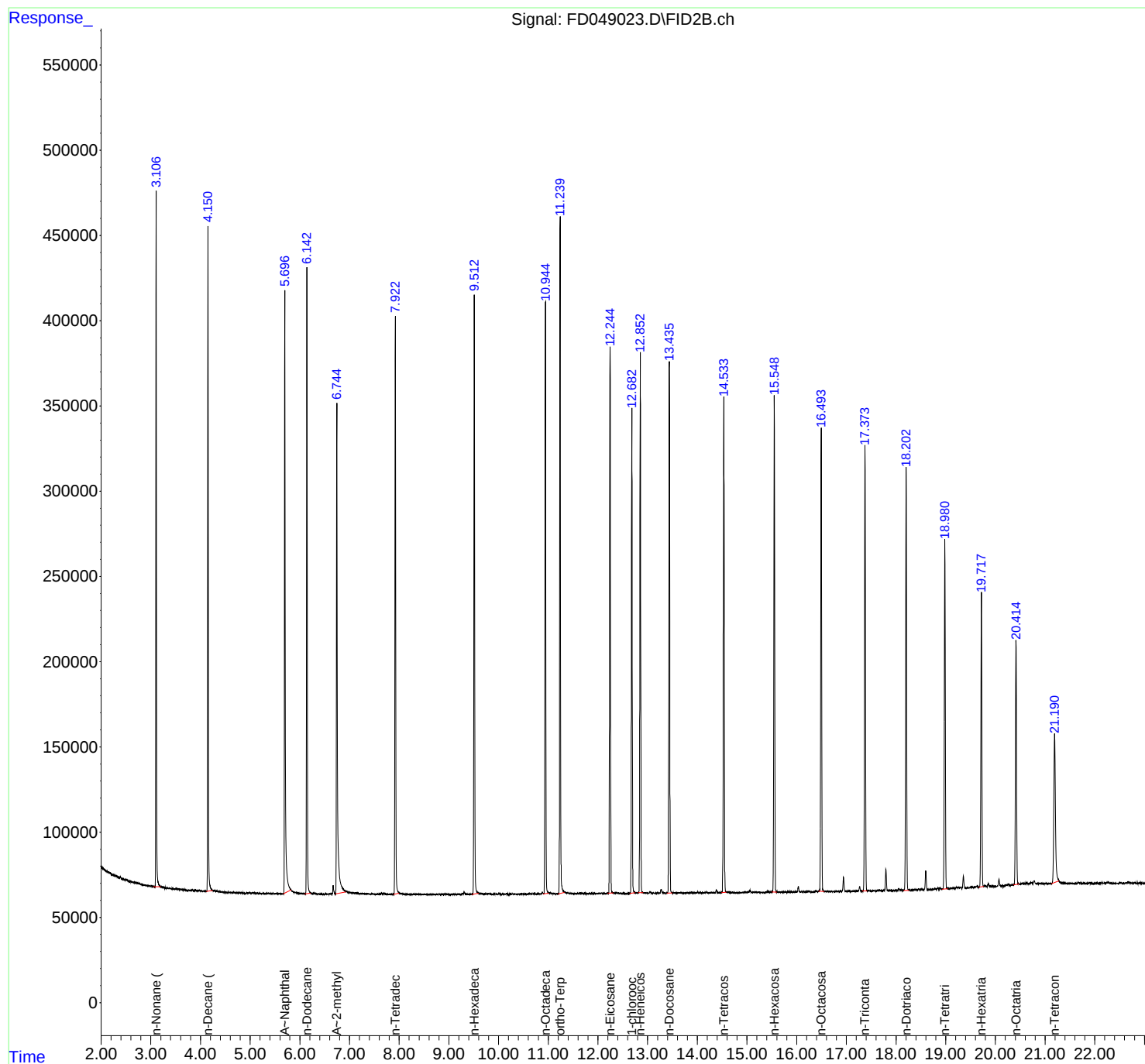
(m)=manual int.

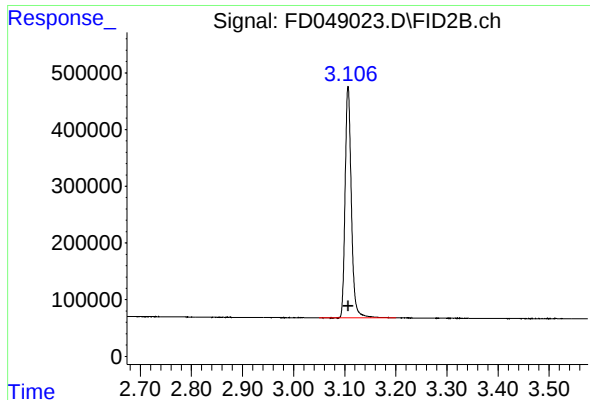
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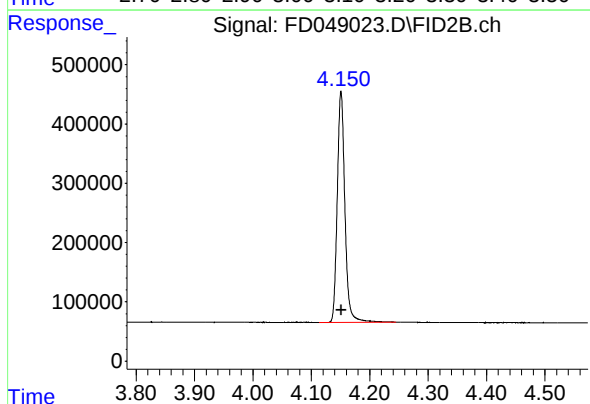




#1 n-Nonane (C9)

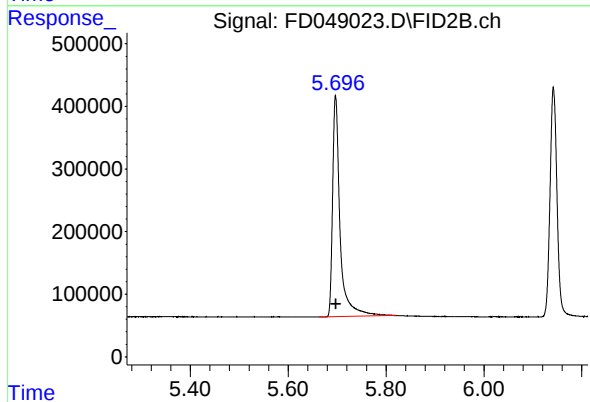
R.T.: 3.107 min
Delta R.T.: 0.000 min
Response: 3450706
Conc: 21.58 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



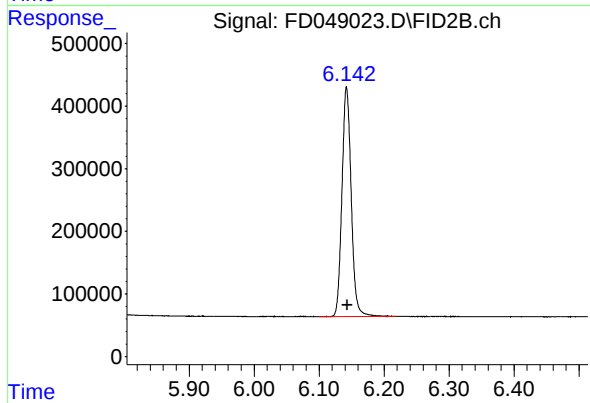
#2 n-Decane (C10)

R.T.: 4.151 min
Delta R.T.: 0.000 min
Response: 3538306
Conc: 21.70 ug/ml



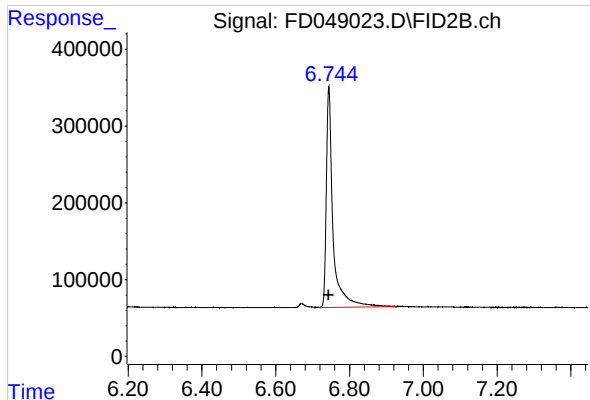
#3 A~Naphthalene (C11.7)

R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 3741823
Conc: 21.90 ug/ml



#4 n-Dodecane (C12)

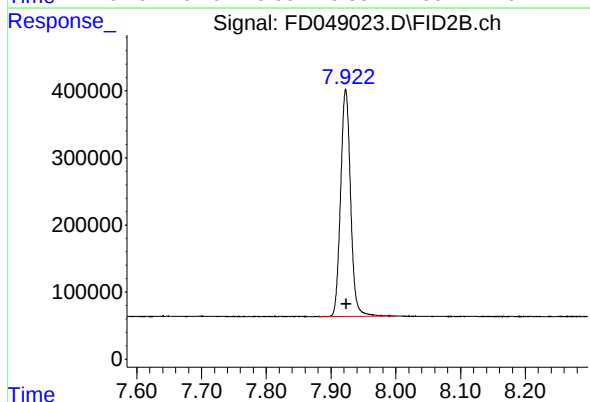
R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 3625543
Conc: 21.89 ug/ml



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

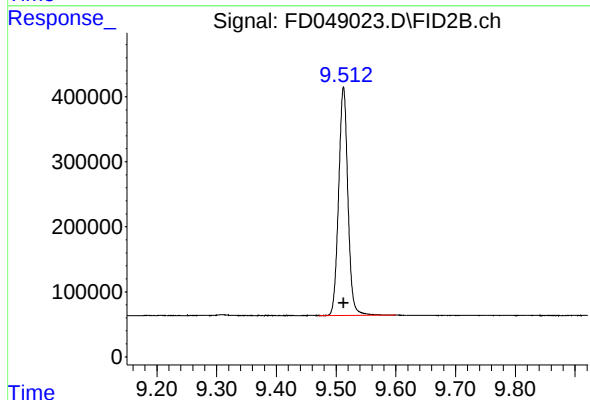
R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 3641753
Conc: 22.59 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



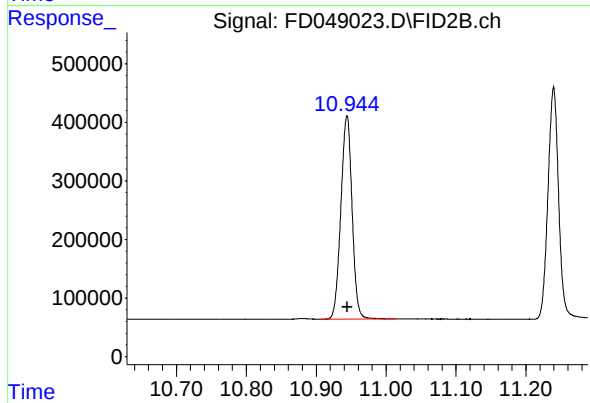
#6 n-Tetradecane (C14)

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 3619134
Conc: 21.89 ug/ml



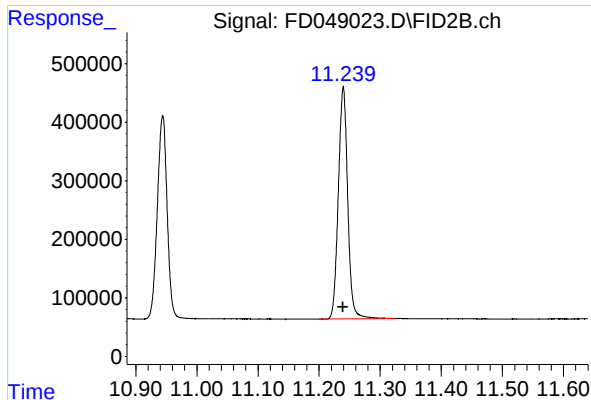
#7 n-Hexadecane (C16)

R.T.: 9.512 min
Delta R.T.: 0.000 min
Response: 3790383
Conc: 21.98 ug/ml



#8 n-Octadecane (C18)

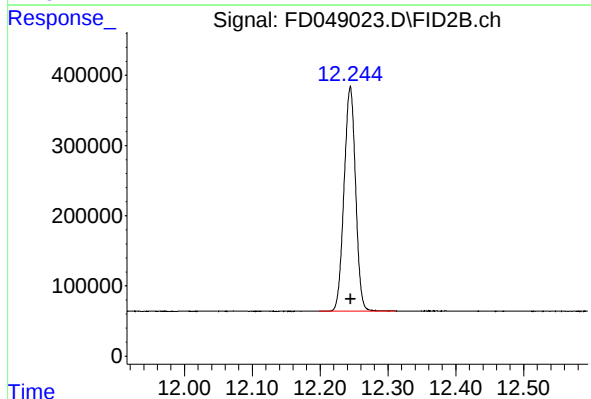
R.T.: 10.944 min
Delta R.T.: 0.000 min
Response: 3874354
Conc: 21.97 ug/ml



#9 ortho-Terphenyl (SURR)

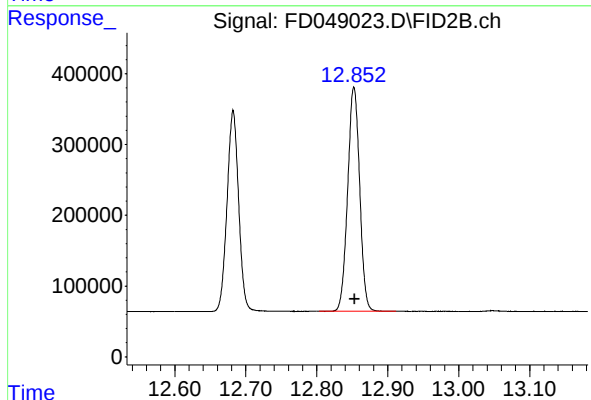
R.T.: 11.240 min
Delta R.T.: 0.000 min
Response: 4227334
Conc: 21.89 ug/ml

Instrument :
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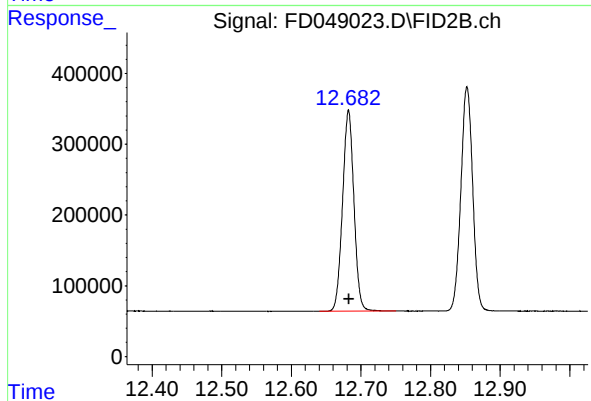
#10 n-Eicosane (C20)

R.T.: 12.244 min
Delta R.T.: 0.000 min
Response: 3764172
Conc: 21.87 ug/ml



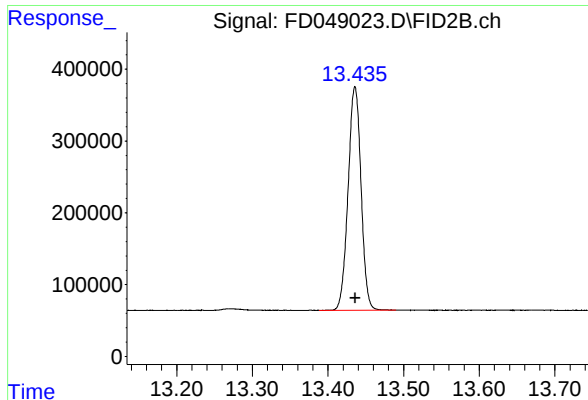
#11 n-Heneicosane (C21)

R.T.: 12.852 min
Delta R.T.: -0.001 min
Response: 3714502
Conc: 21.81 ug/ml



#12 1-chlorooctadecane (SURR)

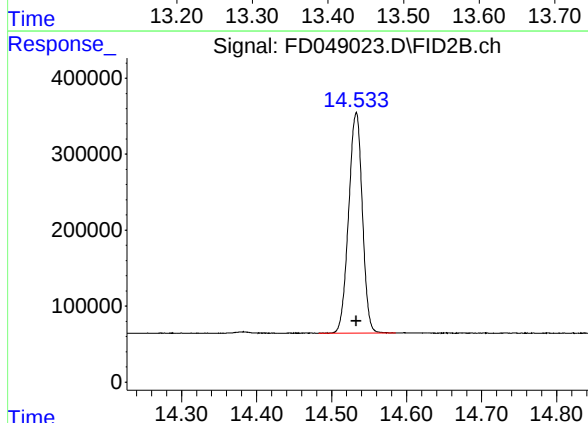
R.T.: 12.682 min
Delta R.T.: 0.000 min
Response: 3222309
Conc: 21.95 ug/ml



#13 n-Docosane (C22)

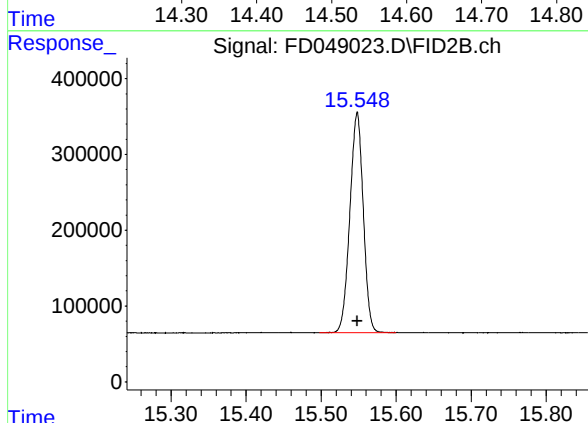
R.T.: 13.436 min
Delta R.T.: 0.000 min
Response: 3706827
Conc: 21.80 ug/ml

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20 PPM ALIPHATIC HC STD



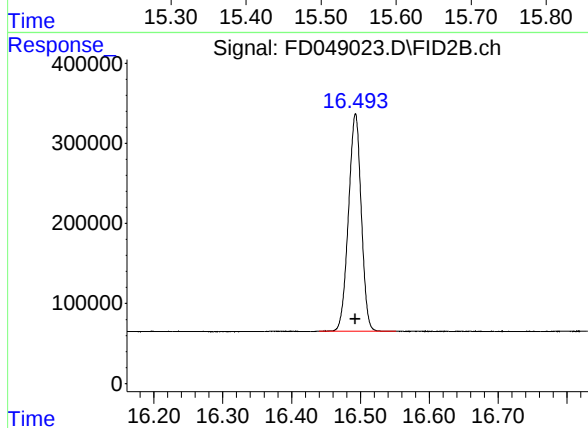
#14 n-Tetracosane (C24)

R.T.: 14.533 min
Delta R.T.: 0.000 min
Response: 3679356
Conc: 21.60 ug/ml



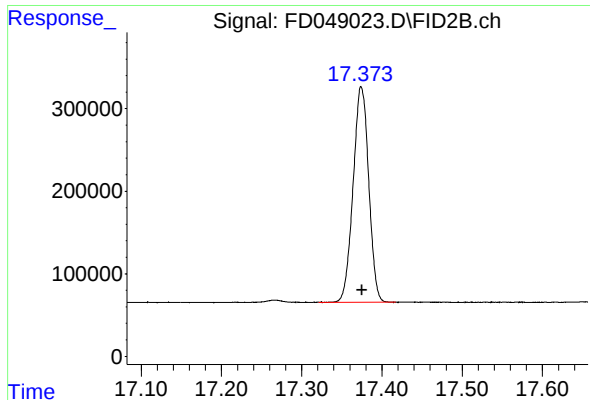
#15 n-Hexacosane (C26)

R.T.: 15.548 min
Delta R.T.: 0.000 min
Response: 3603812
Conc: 21.52 ug/ml



#16 n-Octacosane (C28)

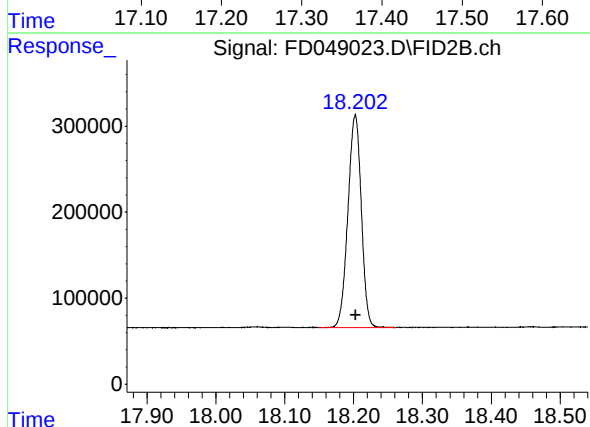
R.T.: 16.493 min
Delta R.T.: 0.000 min
Response: 3503389
Conc: 21.06 ug/ml



#17 n-Tricontane (C30)

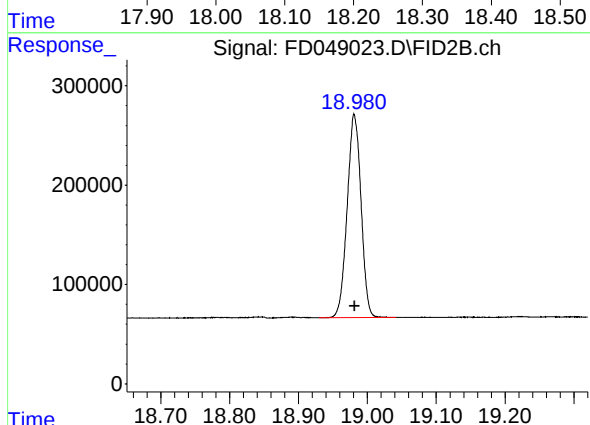
R.T.: 17.374 min
Delta R.T.: 0.000 min
Response: 3529342
Conc: 20.56 ug/ml

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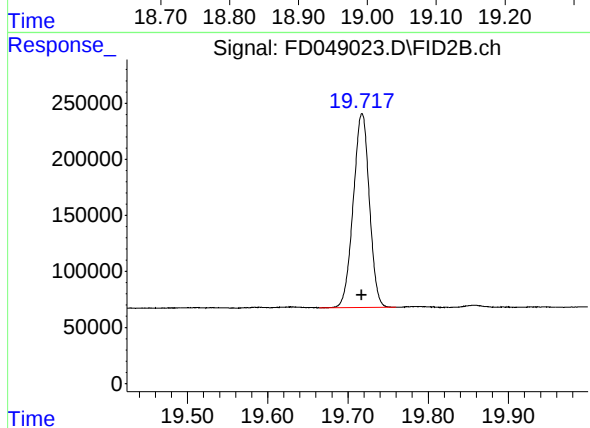
#18 n-Dotriacontane (C32)

R.T.: 18.203 min
Delta R.T.: 0.000 min
Response: 3342428
Conc: 20.45 ug/ml



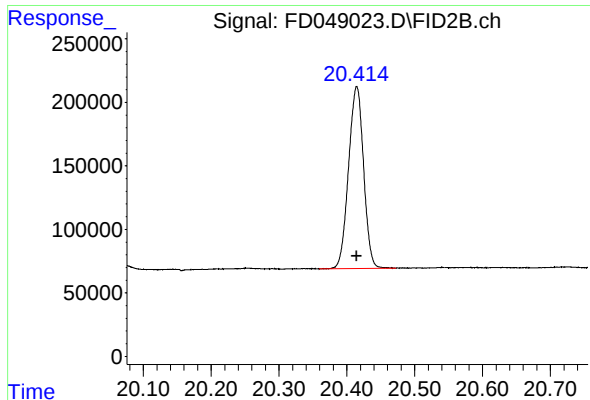
#19 n-Tetatriacontane (C34)

R.T.: 18.981 min
Delta R.T.: 0.000 min
Response: 2866609
Conc: 20.58 ug/ml



#20 n-Hexatriacontane (C36)

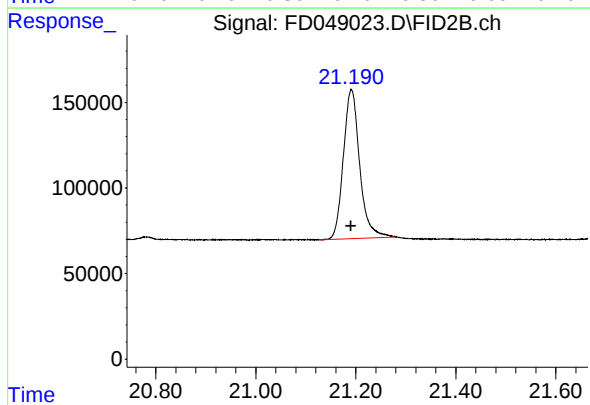
R.T.: 19.718 min
Delta R.T.: 0.000 min
Response: 2411424
Conc: 20.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.415 min
Delta R.T.: 0.000 min
Response: 2204676
Conc: 21.28 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.191 min
Delta R.T.: 0.000 min
Response: 1967348
Conc: 20.53 ug/ml