

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011625AL\
 Data File : FE051941.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jan 2025 17:12
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 16 18:08:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:05:07 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)	12.182	2732586	19.119 ug/ml
Spiked Amount 50.000		Recovery =	38.24%
12) S 1-chlorooctadecane (S...	13.605	2182338	19.024 ug/ml
Spiked Amount 50.000		Recovery =	38.05%
Target Compounds			
1) T n-Nonane (C9)	3.612	2033359	19.072 ug/ml
2) T n-Decane (C10)	4.849	2090051	19.091 ug/ml
3) T A~Naphthalene (C11.7)	6.552	2327107	19.151 ug/ml
4) T n-Dodecane (C12)	6.994	2153477	19.080 ug/ml
5) T A~2-methylnaphthalene...	7.639	2282005	19.115 ug/ml
6) T n-Tetradecane (C14)	8.812	2217906	19.069 ug/ml
7) T n-Hexadecane (C16)	10.414	2400834	19.036 ug/ml
8) T n-Octadecane (C18)	11.852	2514772	19.007 ug/ml
10) T n-Eicosane (C20)	13.159	2491926	19.009 ug/ml
11) T n-Heneicosane (C21)	13.769	2466176	18.947 ug/ml
13) T n-Docosane (C22)	14.353	2489891	18.973 ug/ml
14) T n-Tetracosane (C24)	15.454	2515033	18.934 ug/ml
15) T n-Hexacosane (C26)	16.472	2493895	18.867 ug/ml
16) T n-Octacosane (C28)	17.420	2476862	18.766 ug/ml
17) T n-Tricontane (C30)	18.307	2520666	18.488 ug/ml
18) T n-Dotriacontane (C32)	19.138	2447381	18.675 ug/ml
19) T n-Tetratriacontane (C34)	19.919	2144635	19.049 ug/ml
20) T n-Hexatriacontane (C36)	20.656	1871887	19.708 ug/ml
21) T n-Octatriacontane (C38)	21.448	1691494	19.581 ug/ml
22) T n-Tetracontane (C40)	22.458	1616018	19.609 ug/ml

(f)=RT Delta > 1/2 Window

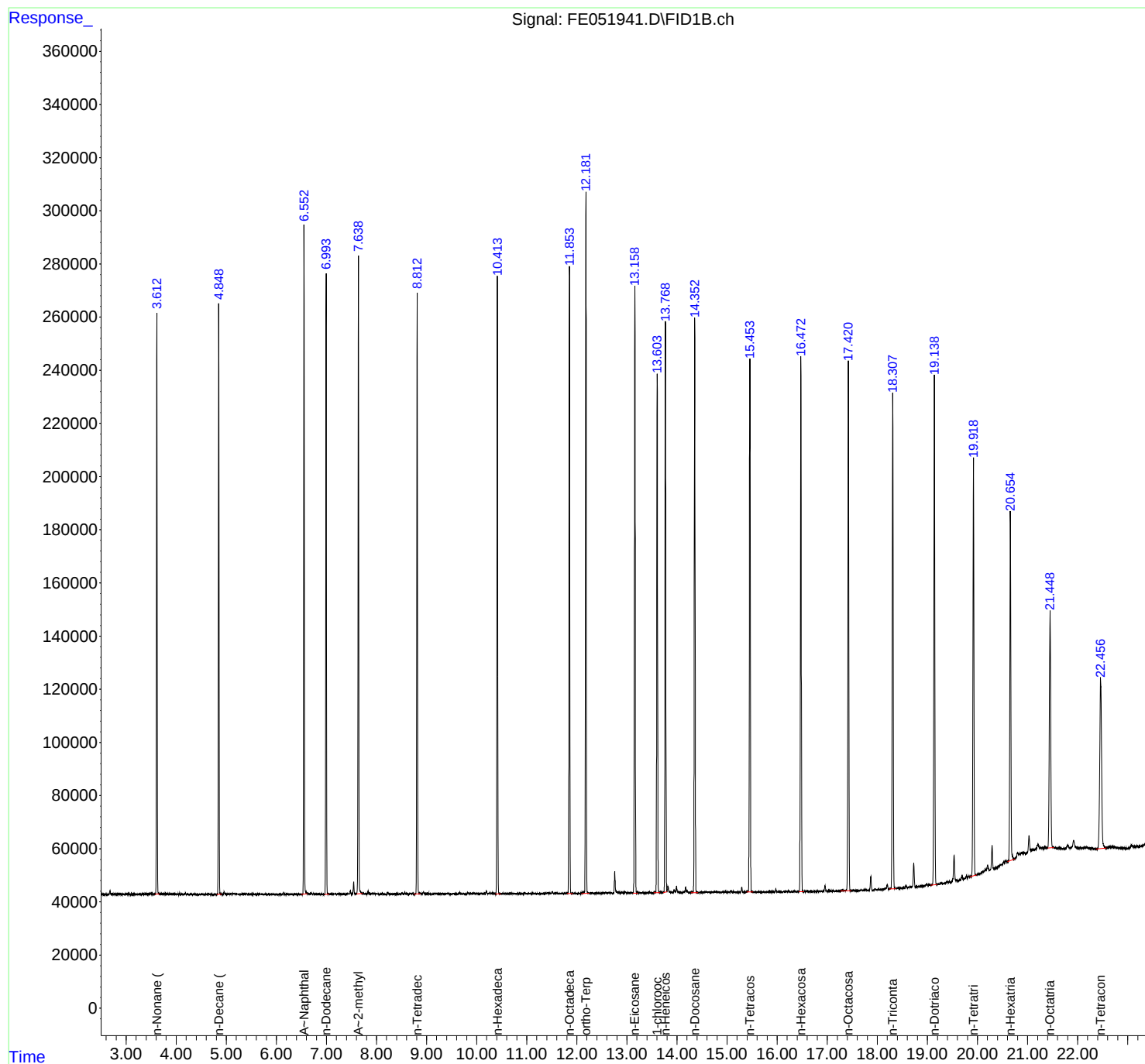
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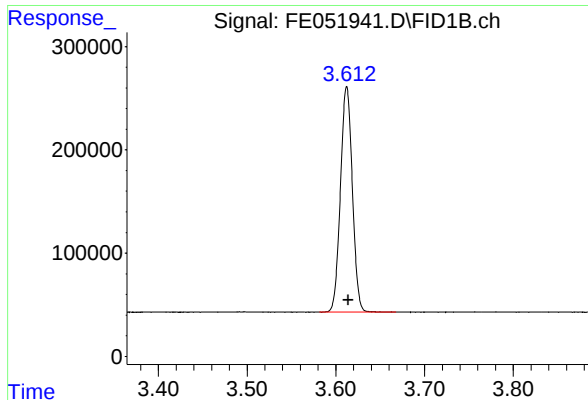
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011625AL\
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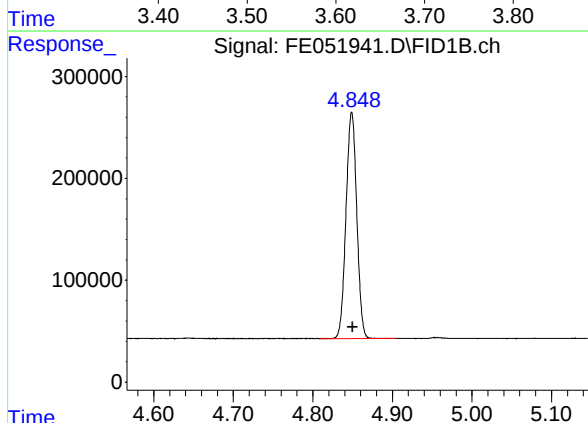




#1 n-Nonane (C9)

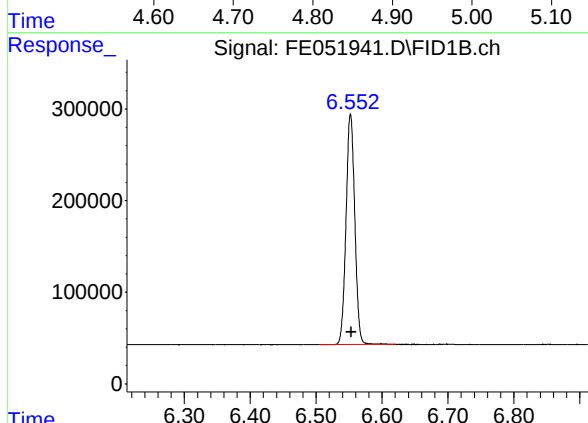
R.T.: 3.612 min
Delta R.T.: -0.002 min
Response: 2033359
Conc: 19.07 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



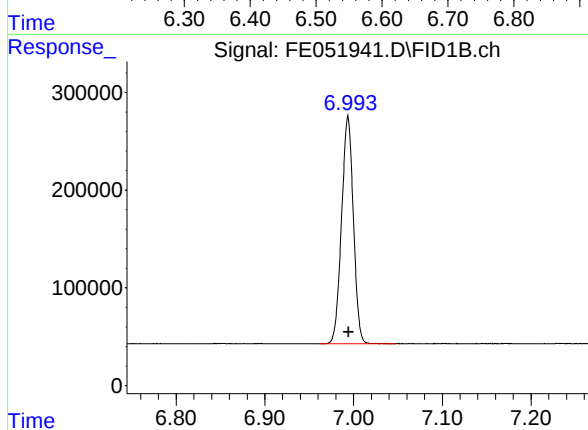
#2 n-Decane (C10)

R.T.: 4.849 min
Delta R.T.: -0.001 min
Response: 2090051
Conc: 19.09 ug/ml



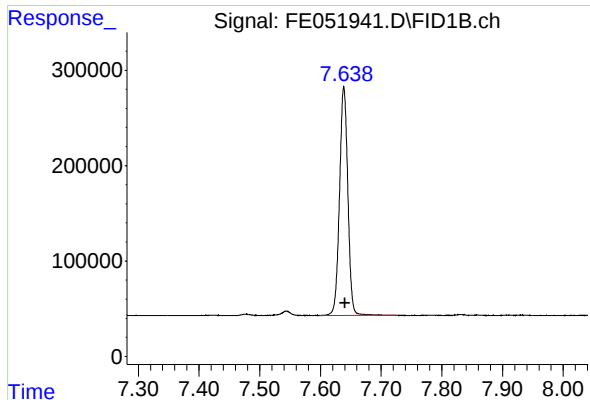
#3 A~Naphthalene (C11.7)

R.T.: 6.552 min
Delta R.T.: -0.001 min
Response: 2327107
Conc: 19.15 ug/ml



#4 n-Dodecane (C12)

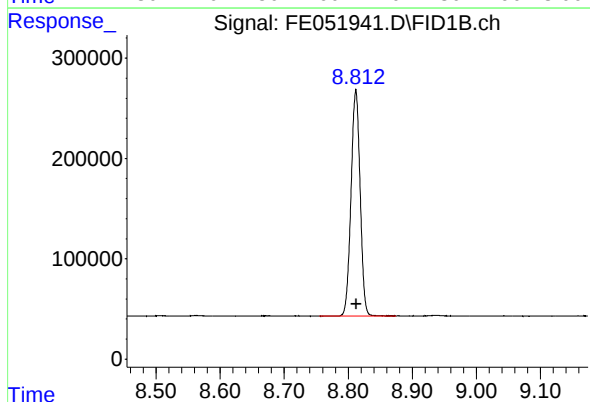
R.T.: 6.994 min
Delta R.T.: 0.000 min
Response: 2153477
Conc: 19.08 ug/ml



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

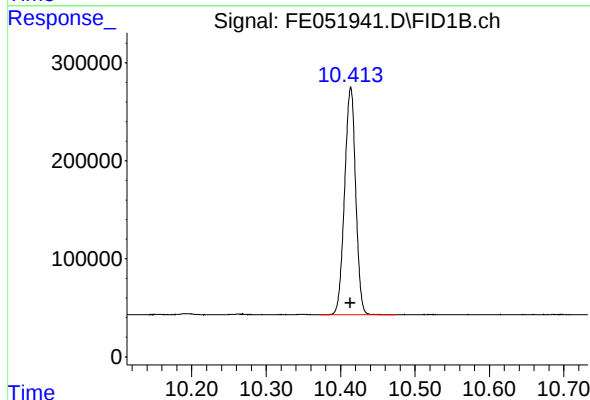
R.T.: 7.639 min
Delta R.T.: -0.002 min
Response: 2282005
Conc: 19.11 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



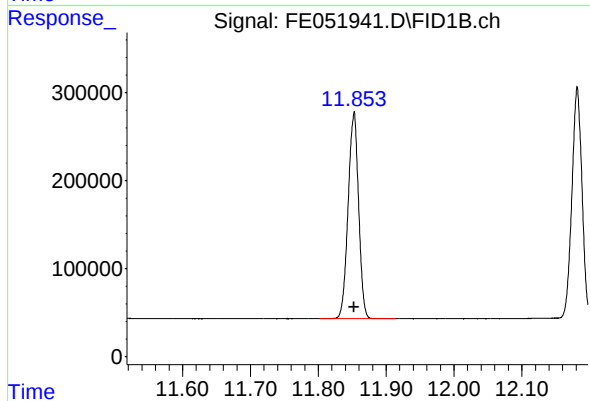
#6 n-Tetradecane (C14)

R.T.: 8.812 min
Delta R.T.: 0.000 min
Response: 2217906
Conc: 19.07 ug/ml



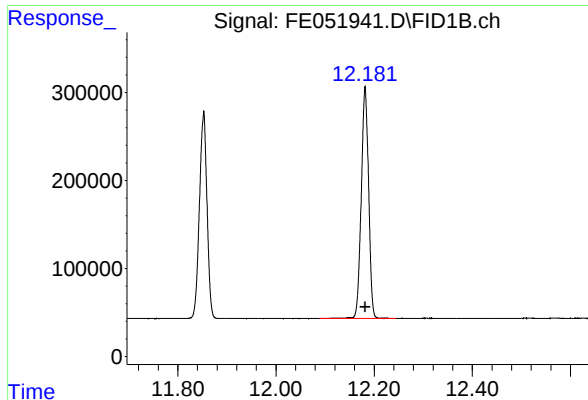
#7 n-Hexadecane (C16)

R.T.: 10.414 min
Delta R.T.: 0.000 min
Response: 2400834
Conc: 19.04 ug/ml



#8 n-Octadecane (C18)

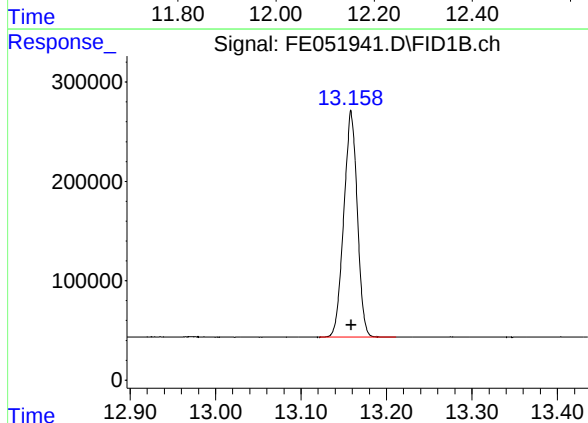
R.T.: 11.852 min
Delta R.T.: 0.000 min
Response: 2514772
Conc: 19.01 ug/ml



#9 ortho-Terphenyl (SURR)

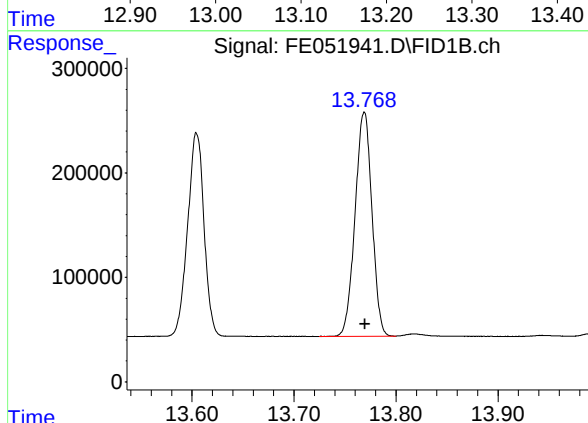
R.T.: 12.182 min
Delta R.T.: 0.000 min
Response: 2732586
Conc: 19.12 ug/ml

Instrument :
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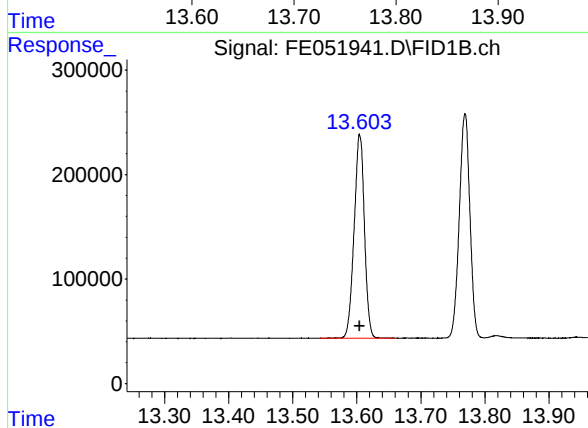
#10 n-Eicosane (C20)

R.T.: 13.159 min
Delta R.T.: 0.000 min
Response: 2491926
Conc: 19.01 ug/ml



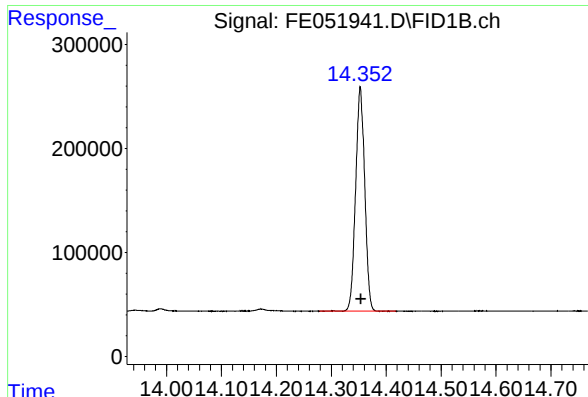
#11 n-Heneicosane (C21)

R.T.: 13.769 min
Delta R.T.: 0.000 min
Response: 2466176
Conc: 18.95 ug/ml



#12 1-chlorooctadecane (SURR)

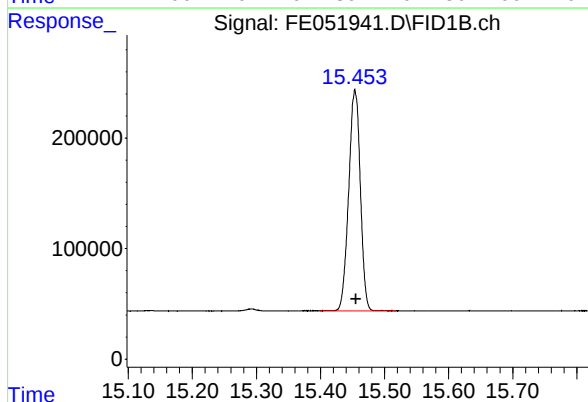
R.T.: 13.605 min
Delta R.T.: 0.000 min
Response: 2182338
Conc: 19.02 ug/ml



#13 n-Docosane (C22)

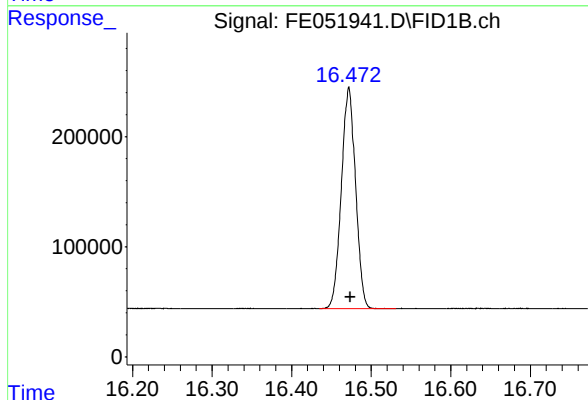
R.T.: 14.353 min
Delta R.T.: -0.001 min
Response: 2489891
Conc: 18.97 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



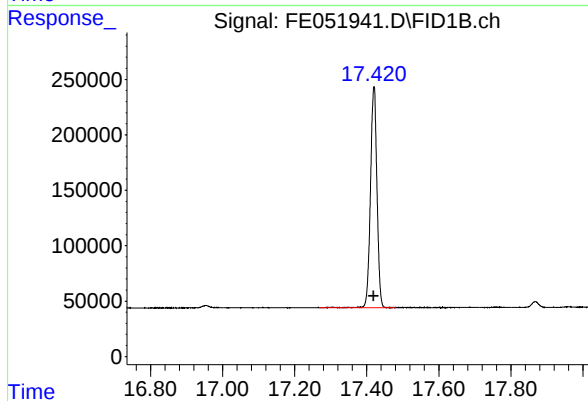
#14 n-Tetracosane (C24)

R.T.: 15.454 min
Delta R.T.: -0.001 min
Response: 2515033
Conc: 18.93 ug/ml



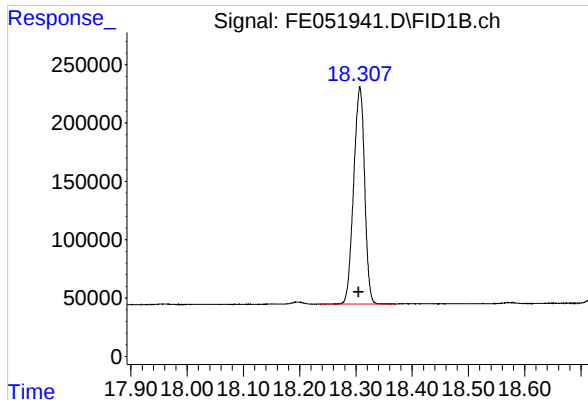
#15 n-Hexacosane (C26)

R.T.: 16.472 min
Delta R.T.: -0.002 min
Response: 2493895
Conc: 18.87 ug/ml



#16 n-Octacosane (C28)

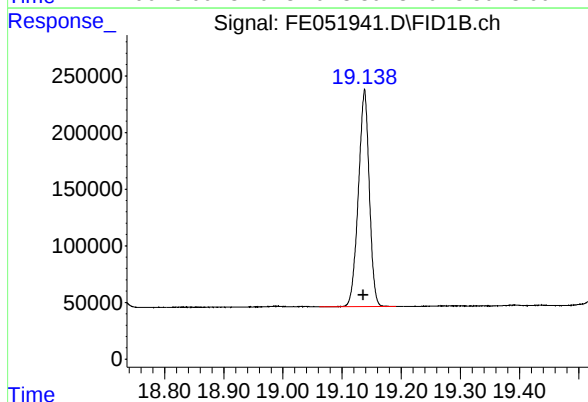
R.T.: 17.420 min
Delta R.T.: 0.000 min
Response: 2476862
Conc: 18.77 ug/ml



#17 n-Tricontane (C30)

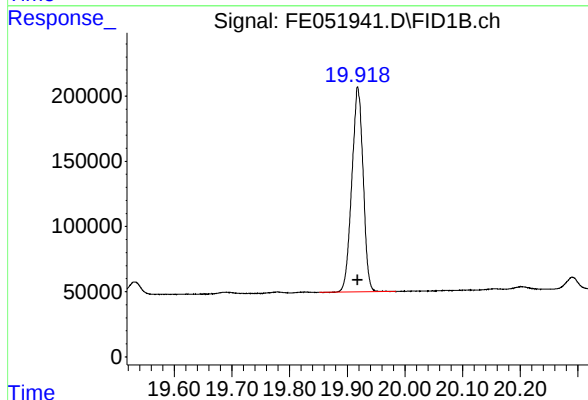
R.T.: 18.307 min
Delta R.T.: 0.002 min
Response: 2520666
Conc: 18.49 ug/ml

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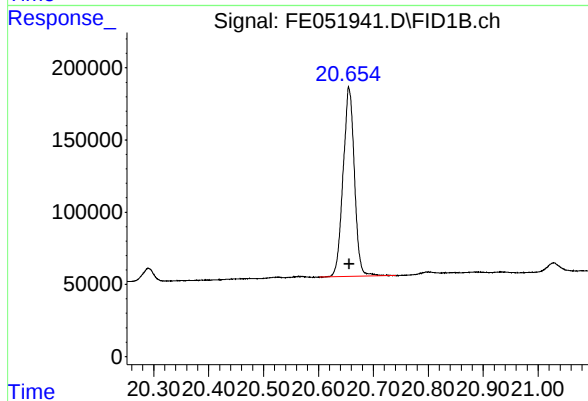
#18 n-Dotriacontane (C32)

R.T.: 19.138 min
Delta R.T.: 0.002 min
Response: 2447381
Conc: 18.67 ug/ml



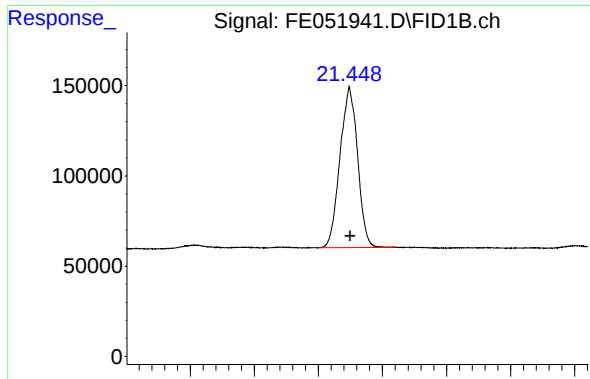
#19 n-Tetatriacontane (C34)

R.T.: 19.919 min
Delta R.T.: 0.000 min
Response: 2144635
Conc: 19.05 ug/ml



#20 n-Hexatriacontane (C36)

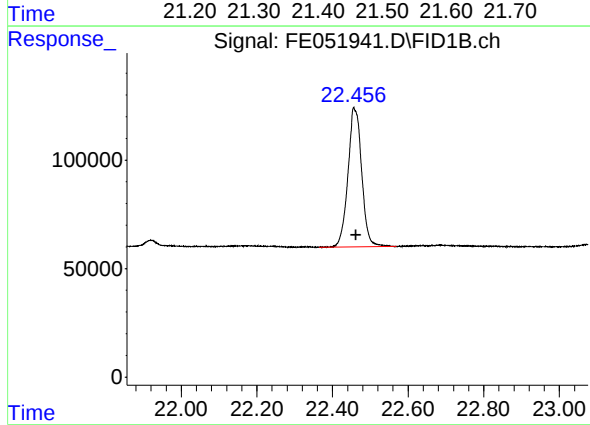
R.T.: 20.656 min
Delta R.T.: 0.000 min
Response: 1871887
Conc: 19.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.448 min
Delta R.T.: -0.002 min
Response: 1691494
Conc: 19.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.458 min
Delta R.T.: -0.004 min
Response: 1616018
Conc: 19.61 ug/ml