

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110923AL\
 Data File : FE045269.D
 Signal(s) : FID1B.ch
 Acq On : 10 Nov 2023 02:26
 Operator : YP\AJ
 Sample : 05311-13MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP-5MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/10/2023

Supervised By :Ankita Jodhani 11/10/2023

Integration File: sample.E

Quant Time: Nov 10 04:30:39 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M

Quant Title : GC Extractables

QLast Update : Sat Nov 04 05:16:05 2023

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)	11.881	5915494	30.983 ug/ml
Spiked Amount 50.000		Recovery =	61.97%
12) S 1-chlorooctadecane (S...	13.323	4527744	32.872 ug/ml
Spiked Amount 50.000		Recovery =	65.74%
Target Compounds			
1) T n-Nonane (C9)	3.271	4876665	29.520 ug/ml
2) T n-Decane (C10)	4.522	5504915	32.830 ug/ml
3) T A~Naphthalene (C11.7)	6.220	6285672	35.214 ug/ml
4) T n-Dodecane (C12)	6.686	5929657	35.111 ug/ml
5) T A~2-methylnaphthalene...	7.315	6209372	36.160 ug/ml
6) T n-Tetradecane (C14)	8.514	6299669	37.798 ug/ml
7) T n-Hexadecane (C16)	10.122	6736911	40.052 ug/ml
8) T n-Octadecane (C18)	11.569	7018459	41.934 ug/ml
10) T n-Eicosane (C20)	12.880	7062333	44.583 ug/ml
11) T n-Heneicosane (C21)	13.492	6715695	43.677 ug/ml
13) T n-Docosane (C22)	14.079	6672669	44.040 ug/ml
14) T n-Tetracosane (C24)	15.165	13772199	92.986 ug/mlm
15) T n-Hexacosane (C26)	16.210	6509395	44.660 ug/ml
16) T n-Octacosane (C28)	17.160	6550049	44.824 ug/ml
17) T n-Tricontane (C30)	18.050	6557998	43.174 ug/ml
18) T n-Dotriacontane (C32)	18.883	6582270	42.134 ug/ml
19) T n-Tetratriacontane (C34)	19.668	6554793	41.981 ug/ml
20) T n-Hexatriacontane (C36)	20.410	6631798	40.857 ug/ml
21) T n-Octatriacontane (C38)	21.146	6685595	40.240 ug/ml
22) T n-Tetracontane (C40)	22.058	6886473	40.317 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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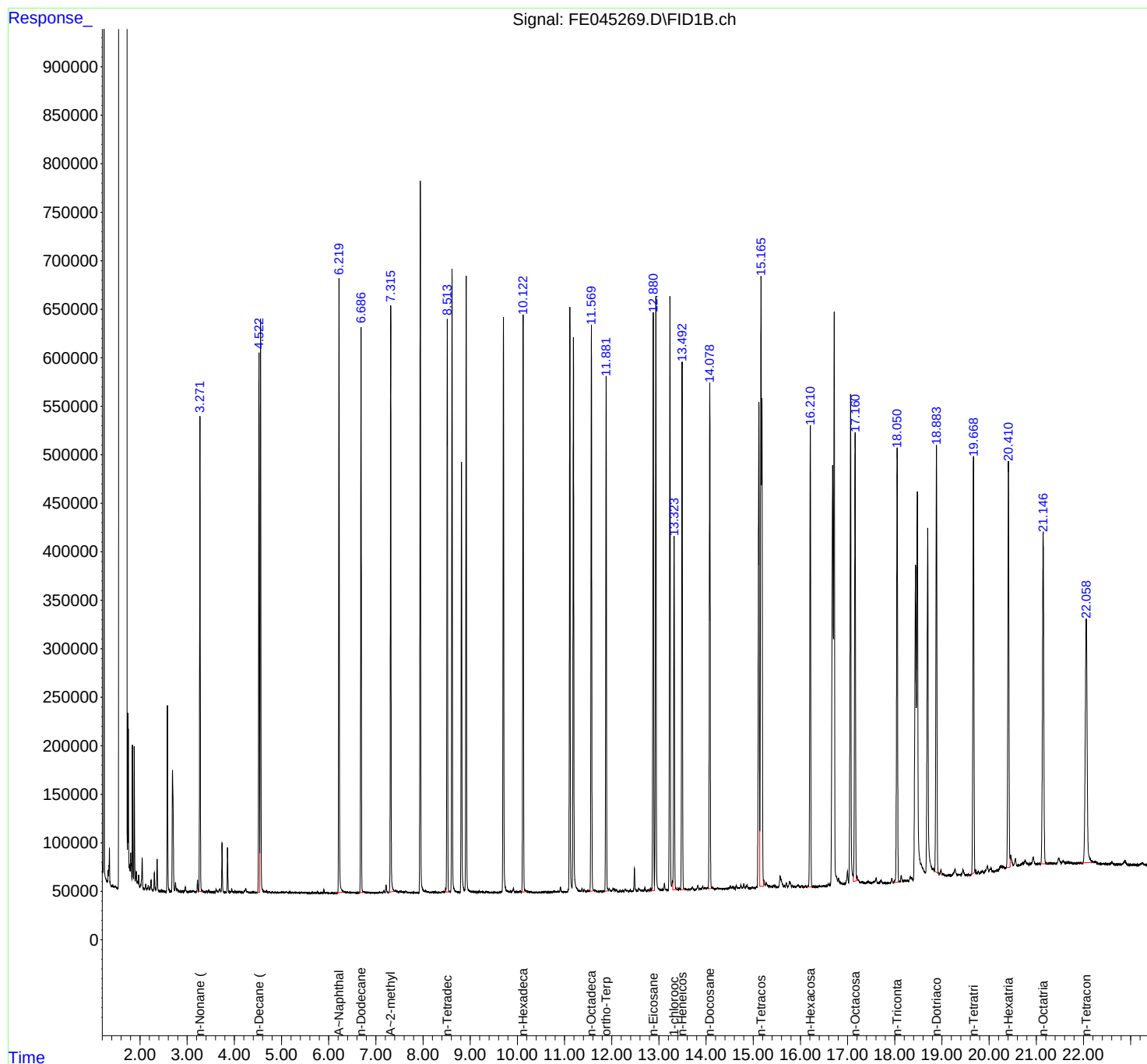
Instrument :
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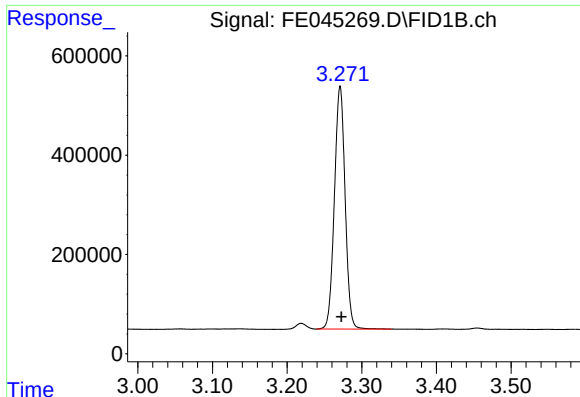
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.271 min
Delta R.T.: -0.002 min
Response: 4876665
Conc: 29.52 ug/ml

Instrument :

FID_E

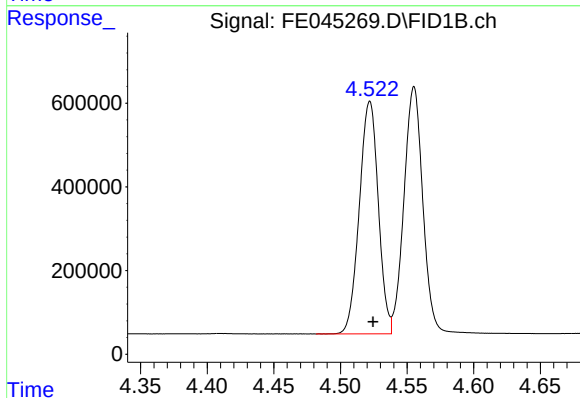
ClientSampleId :

TP-5MSD

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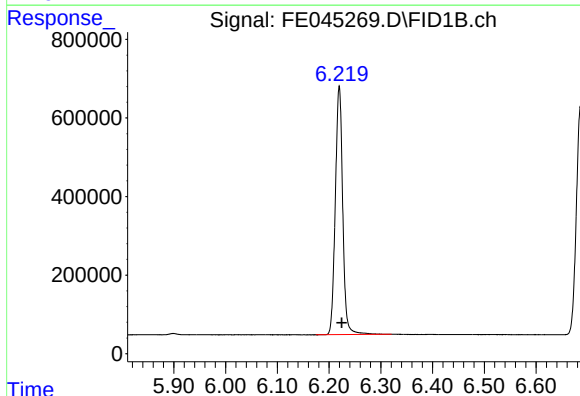
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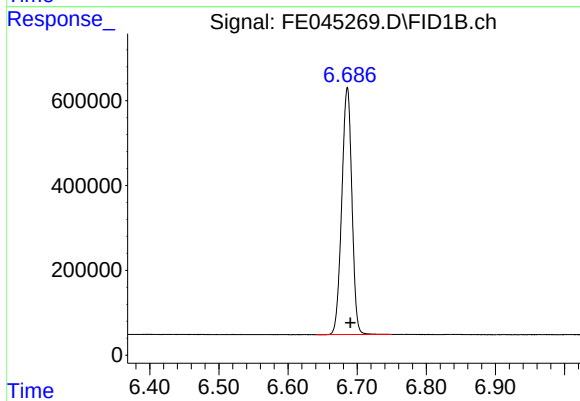
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: -0.002 min
Response: 5504915
Conc: 32.83 ug/ml



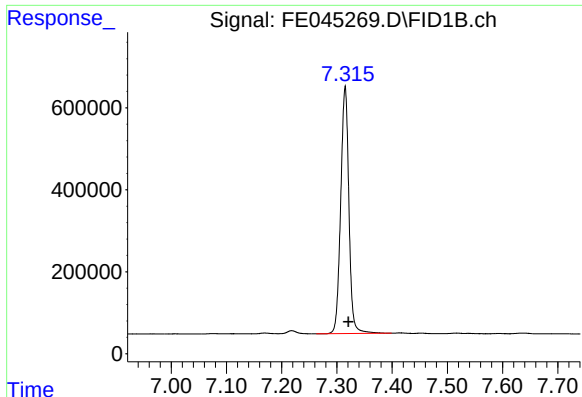
#3 A~Naphthalene (C11.7)

R.T.: 6.220 min
Delta R.T.: -0.005 min
Response: 6285672
Conc: 35.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.686 min
Delta R.T.: -0.004 min
Response: 5929657
Conc: 35.11 ug/ml



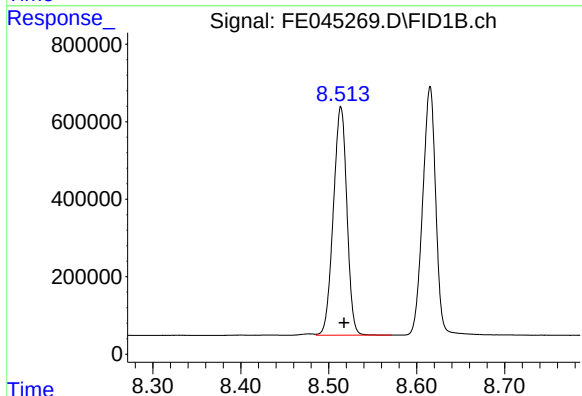
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.315 min
Delta R.T.: -0.006 min
Response: 6209372
Conc: 36.16 ug/ml

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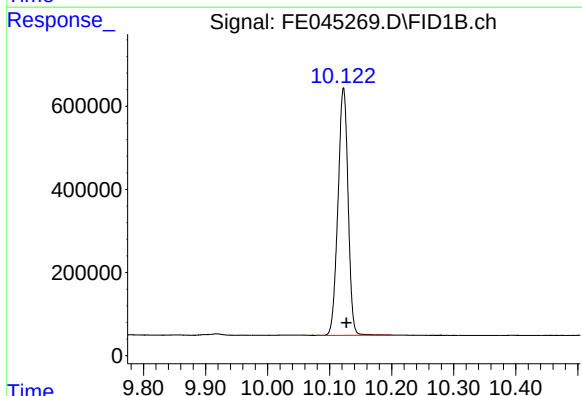
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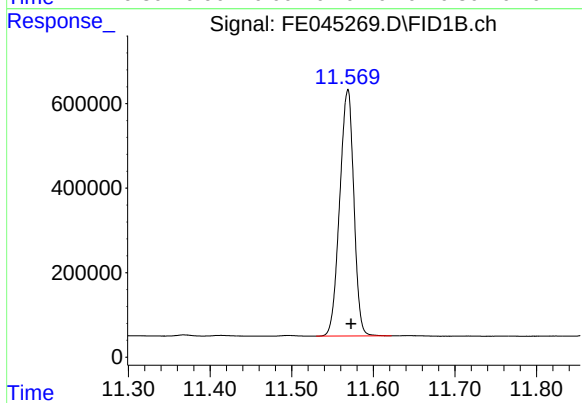
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: -0.004 min
Response: 6299669
Conc: 37.80 ug/ml



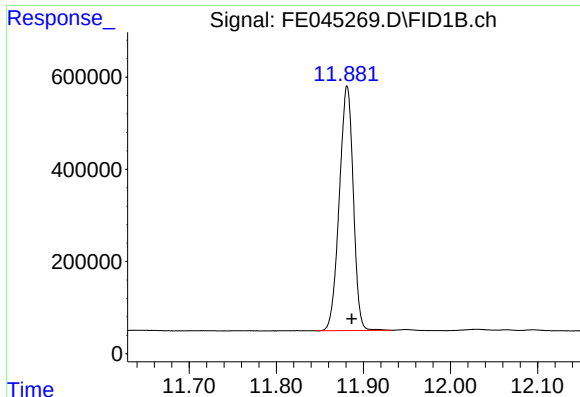
#7 n-Hexadecane (C16)

R.T.: 10.122 min
Delta R.T.: -0.004 min
Response: 6736911
Conc: 40.05 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.569 min
Delta R.T.: -0.004 min
Response: 7018459
Conc: 41.93 ug/ml



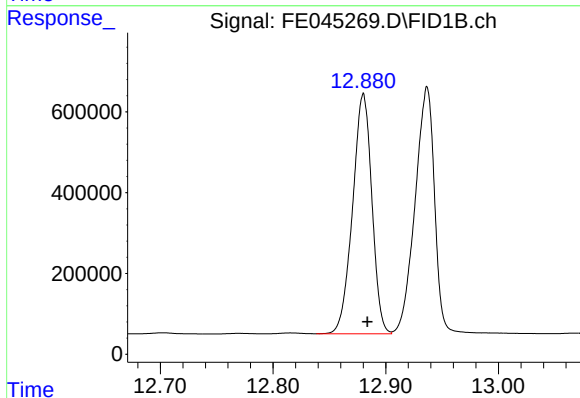
#9 ortho-Terphenyl (SURR)

R.T.: 11.881 min
Delta R.T.: -0.005 min
Response: 5915494
Conc: 30.98 ug/ml

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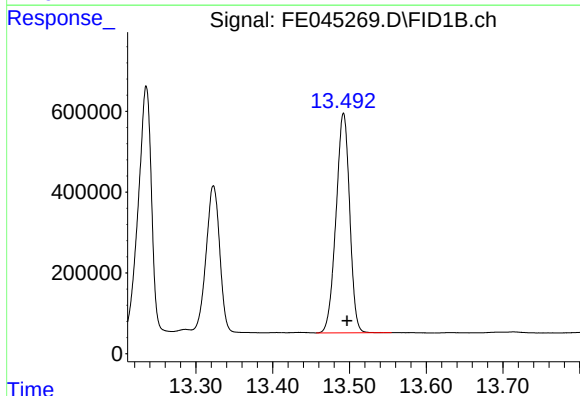
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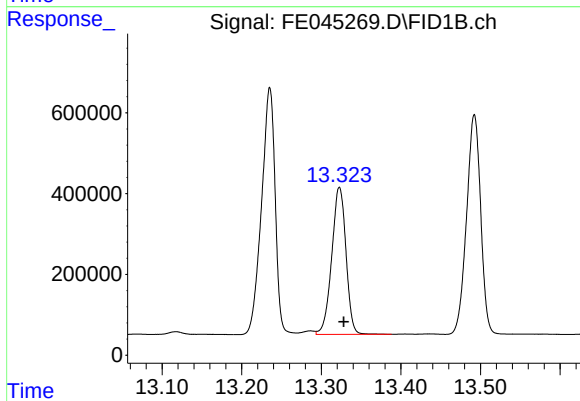
#10 n-Eicosane (C20)

R.T.: 12.880 min
Delta R.T.: -0.004 min
Response: 7062333
Conc: 44.58 ug/ml



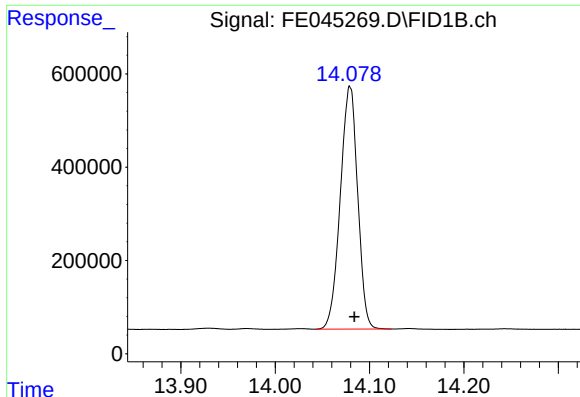
#11 n-Heneicosane (C21)

R.T.: 13.492 min
Delta R.T.: -0.005 min
Response: 6715695
Conc: 43.68 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.323 min
Delta R.T.: -0.005 min
Response: 4527744
Conc: 32.87 ug/ml



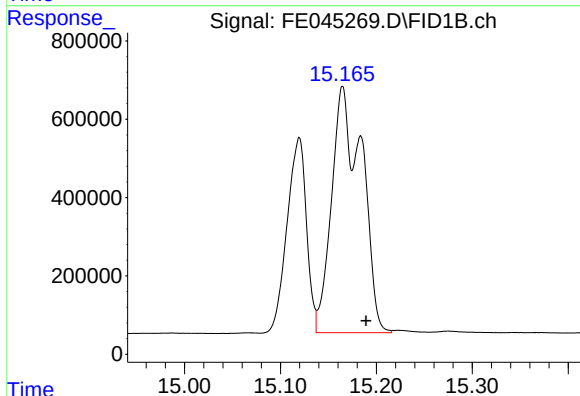
#13 n-Docosane (C22)

R.T.: 14.079 min
Delta R.T.: -0.005 min
Response: 6672669
Conc: 44.04 ug/ml

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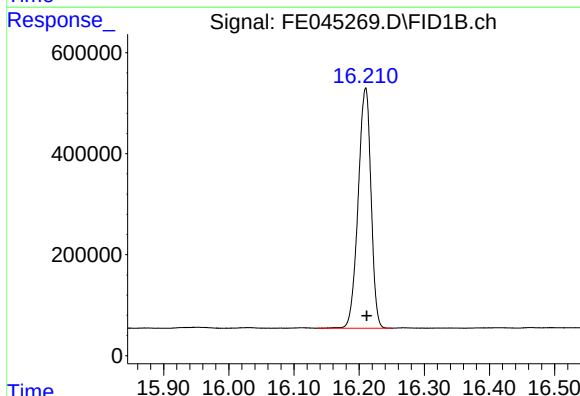
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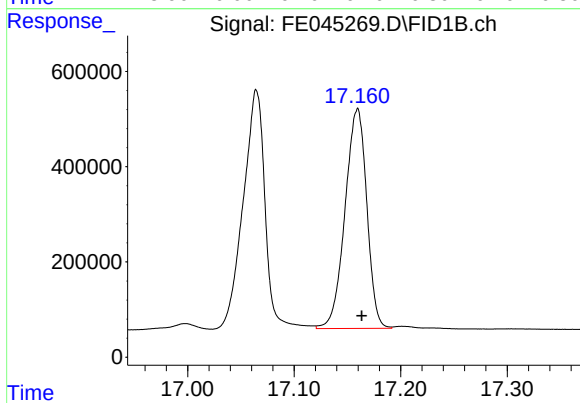
#14 n-Tetracosane (C24)

R.T.: 15.165 min
Delta R.T.: -0.025 min
Response: 13772199
Conc: 92.99 ug/ml m



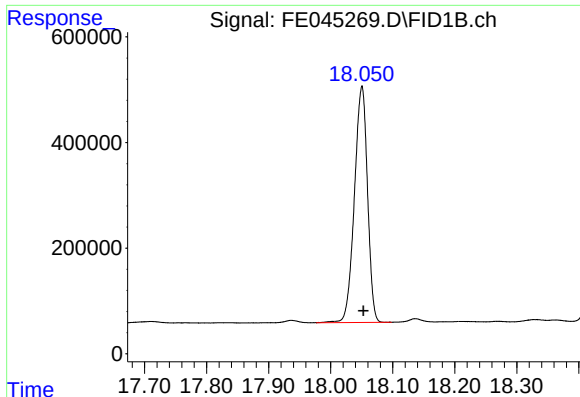
#15 n-Hexacosane (C26)

R.T.: 16.210 min
Delta R.T.: -0.002 min
Response: 6509395
Conc: 44.66 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.160 min
Delta R.T.: -0.004 min
Response: 6550049
Conc: 44.82 ug/ml



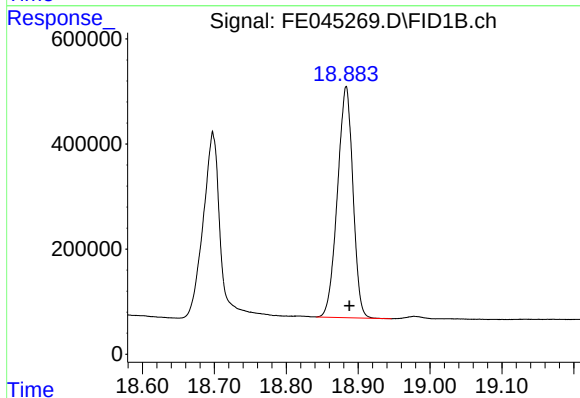
#17 n-Tricontane (C30)

R.T.: 18.050 min
Delta R.T.: -0.002 min
Response: 6557998
Conc: 43.17 ug/ml

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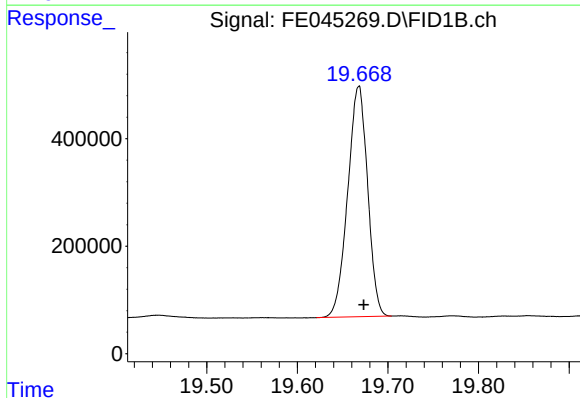
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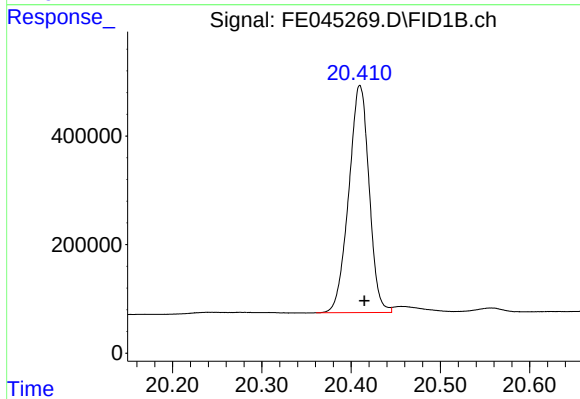
#18 n-Dotriacontane (C32)

R.T.: 18.883 min
Delta R.T.: -0.004 min
Response: 6582270
Conc: 42.13 ug/ml



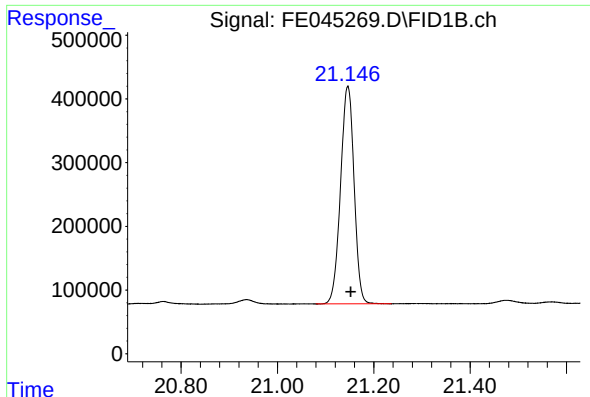
#19 n-Tetratriacontane (C34)

R.T.: 19.668 min
Delta R.T.: -0.005 min
Response: 6554793
Conc: 41.98 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.410 min
Delta R.T.: -0.005 min
Response: 6631798
Conc: 40.86 ug/ml



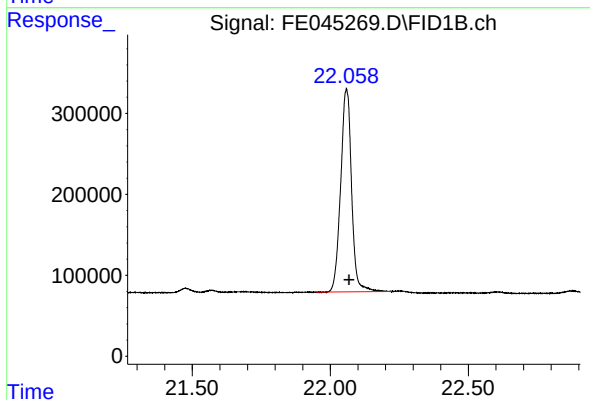
#21 n-Octatriacontane (C38)

R.T.: 21.146 min
Delta R.T.: -0.006 min
Response: 6685595
Conc: 40.24 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.058 min
Delta R.T.: -0.009 min
Response: 6886473
Conc: 40.32 ug/ml