

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020124AL\
 Data File : FE046533.D
 Signal(s) : FID1B.ch
 Acq On : 02 Feb 2024 15:23
 Operator : YP\AJ
 Sample : P1306-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SS-01MSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 02/06/2024
 Supervised By :Sohil Jodhani 02/06/2024

Integration File: sample.E
 Quant Time: Feb 05 02:29:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 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)	11.820	4626900	25.023 ug/ml
Spiked Amount 50.000		Recovery =	50.05%
12) S 1-chlorooctadecane (S...	13.263	5925200	41.646 ug/ml
Spiked Amount 50.000		Recovery =	83.29%
Target Compounds			
1) T n-Nonane (C9)	3.210	3599840	22.286 ug/ml
2) T n-Decane (C10)	4.460	4149700	25.321 ug/ml
3) T A~Naphthalene (C11.7)	6.162	4915535	28.746 ug/ml
4) T n-Dodecane (C12)	6.625	4858491	29.372 ug/ml
5) T A~2-methylnaphthalene...	7.258	5115725	32.075 ug/ml
6) T n-Tetradecane (C14)	8.453	5361265	32.711 ug/ml
7) T n-Hexadecane (C16)	10.062	5607784	32.817 ug/ml
8) T n-Octadecane (C18)	11.507	5785583	33.186 ug/ml
10) T n-Eicosane (C20)	12.818	5884824	34.660 ug/ml
11) T n-Heneicosane (C21)	13.430	5548435	33.266 ug/ml
13) T n-Docosane (C22)	14.017	5428605	32.768 ug/ml
14) T n-Tetracosane (C24)	15.120	12068869	73.143 ug/ml
15) T n-Hexacosane (C26)	16.145	5224732	32.371 ug/ml
16) T n-Octacosane (C28)	17.093	6843345	43.594 ug/mlm
17) T n-Tricontane (C30)	17.987	5134266	32.779 ug/ml
18) T n-Dotriacontane (C32)	18.821	5491191	36.327 ug/mlm
19) T n-Tetratriacontane (C34)	19.606	4786914	33.750 ug/ml
20) T n-Hexatriacontane (C36)	20.347	4539865	32.936 ug/ml
21) T n-Octatriacontane (C38)	21.075	4772481	37.228 ug/ml
22) T n-Tetracontane (C40)	21.967	4740260	37.911 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
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Integration File: sample.E

Quant Time: Feb 05 02:29:32 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M

Quant Title : GC Extractables

QLast Update : Thu Jan 25 14:56:03 2024

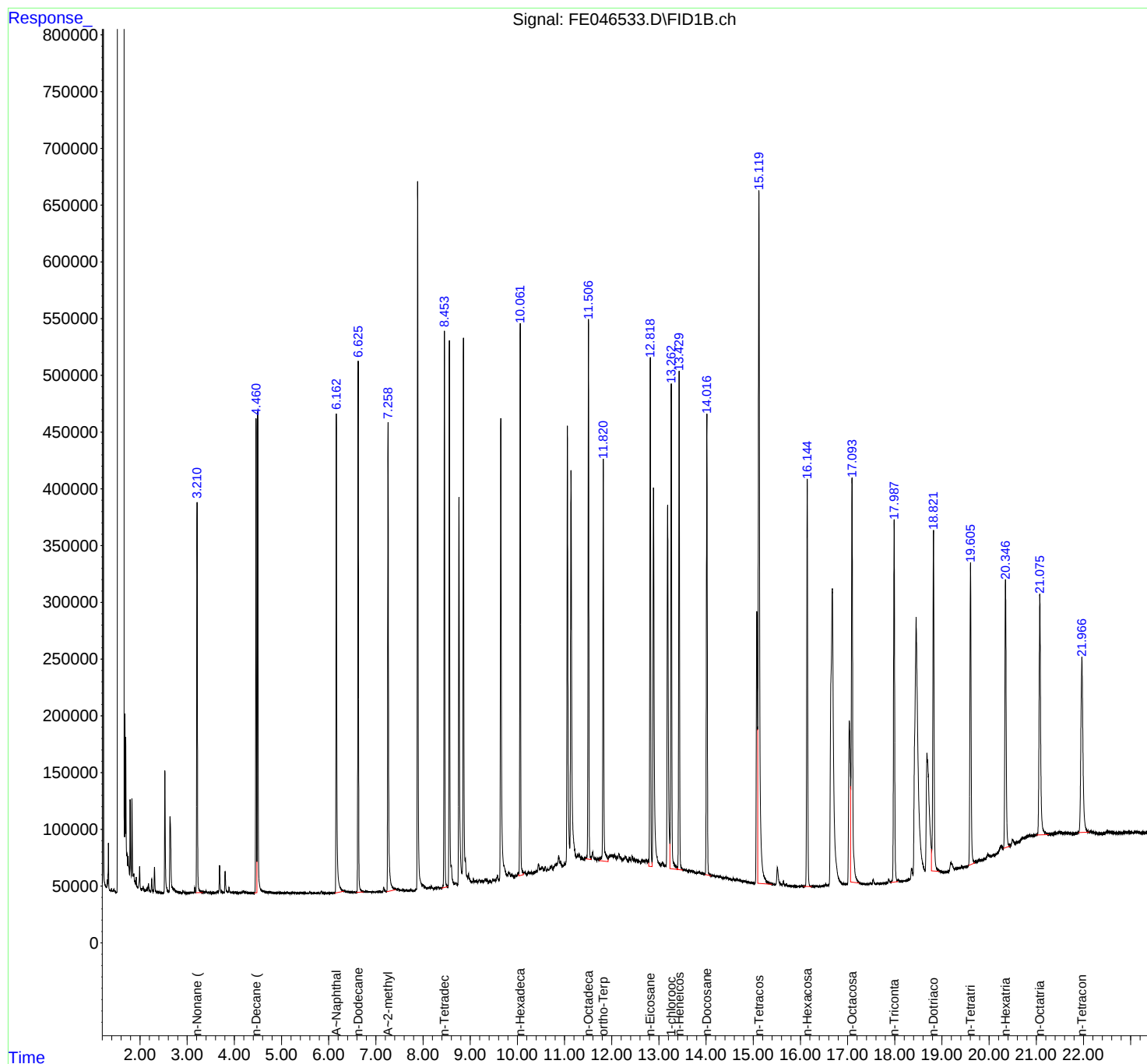
Response via : Initial Calibration

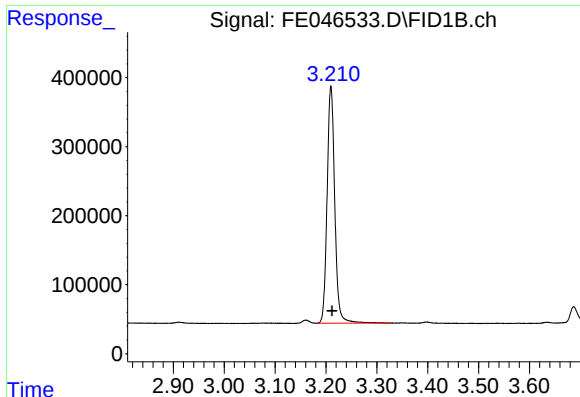
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





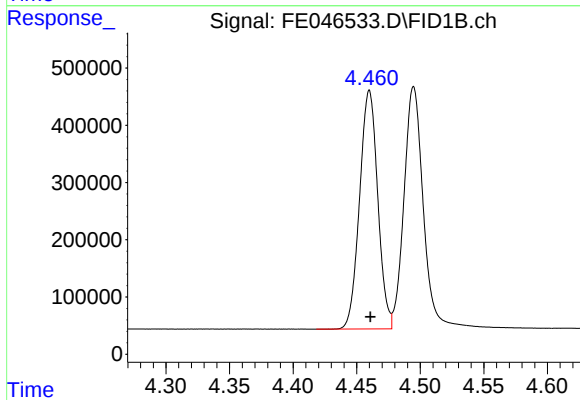
#1 n-Nonane (C9)

R.T.: 3.210 min
Delta R.T.: -0.002 min
Response: 3599840
Conc: 22.29 ug/ml

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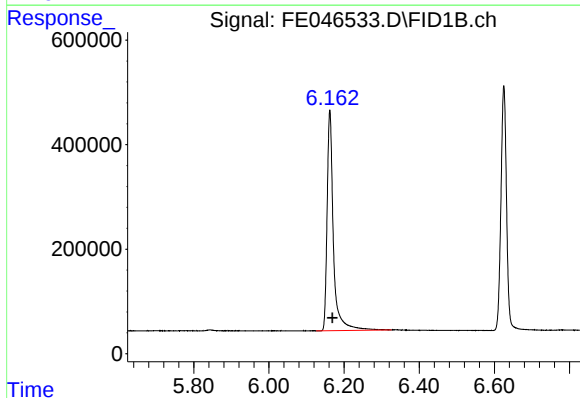
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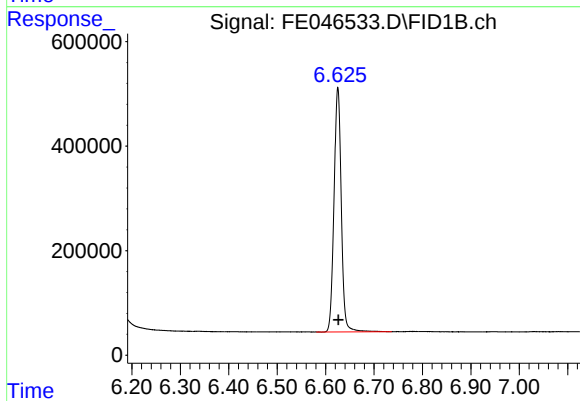
#2 n-Decane (C10)

R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 4149700
Conc: 25.32 ug/ml



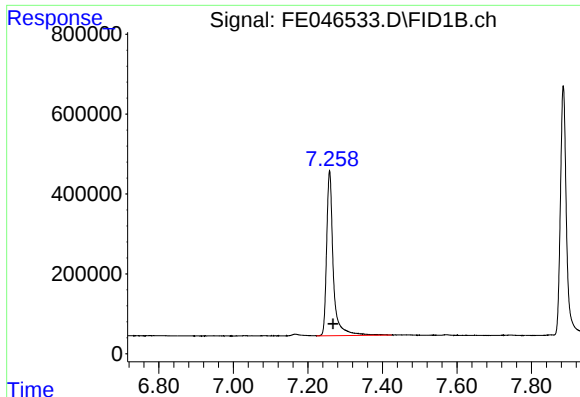
#3 A~Naphthalene (C11.7)

R.T.: 6.162 min
Delta R.T.: -0.006 min
Response: 4915535
Conc: 28.75 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.625 min
Delta R.T.: -0.001 min
Response: 4858491
Conc: 29.37 ug/ml



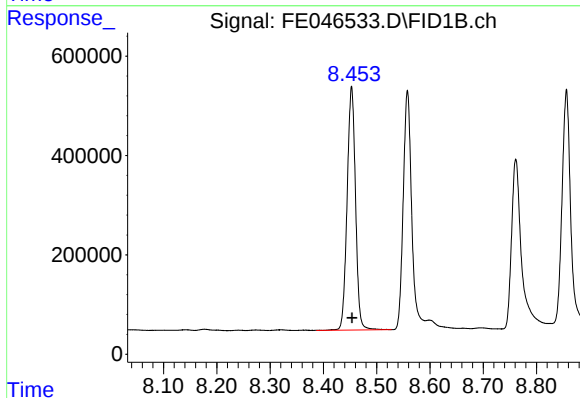
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.258 min
Delta R.T.: -0.009 min
Response: 5115725
Conc: 32.08 ug/ml

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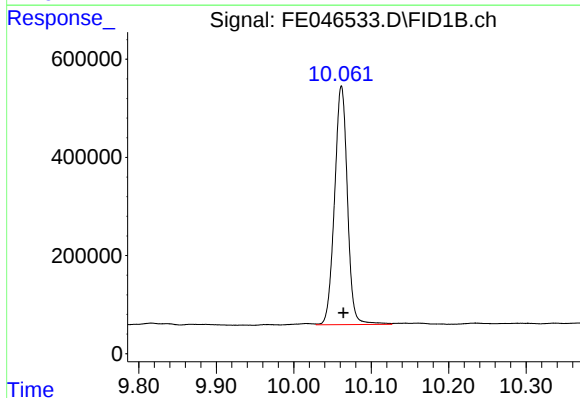
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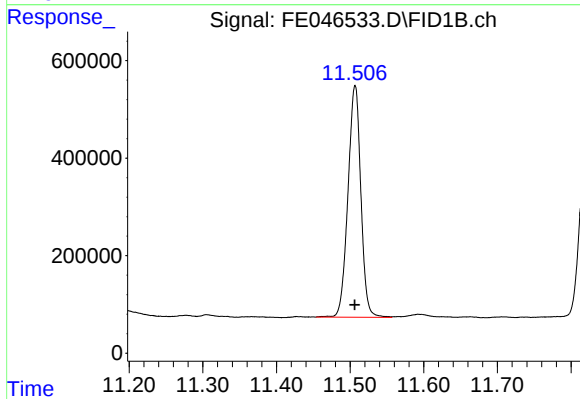
#6 n-Tetradecane (C14)

R.T.: 8.453 min
Delta R.T.: 0.000 min
Response: 5361265
Conc: 32.71 ug/ml



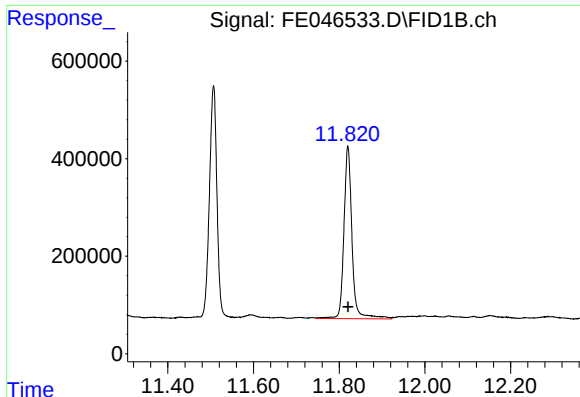
#7 n-Hexadecane (C16)

R.T.: 10.062 min
Delta R.T.: -0.002 min
Response: 5607784
Conc: 32.82 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.507 min
Delta R.T.: 0.000 min
Response: 5785583
Conc: 33.19 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.820 min
Delta R.T.: 0.000 min
Response: 4626900
Conc: 25.02 ug/ml

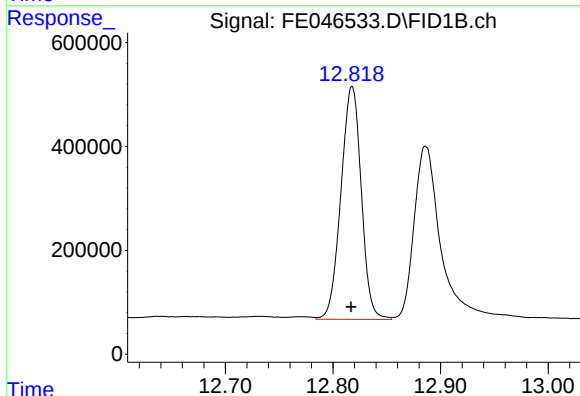
Instrument :

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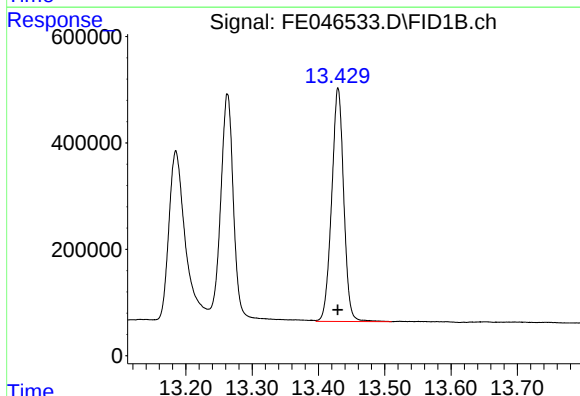
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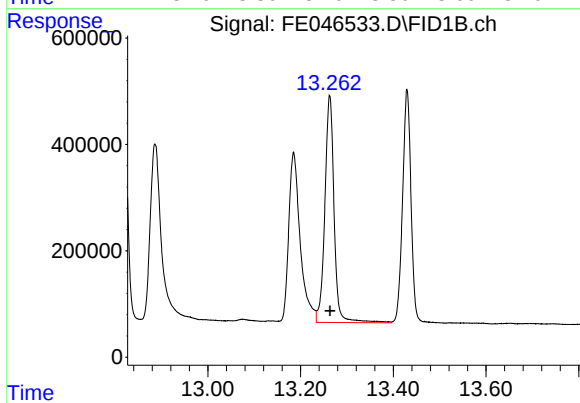
#10 n-Eicosane (C20)

R.T.: 12.818 min
Delta R.T.: 0.000 min
Response: 5884824
Conc: 34.66 ug/ml



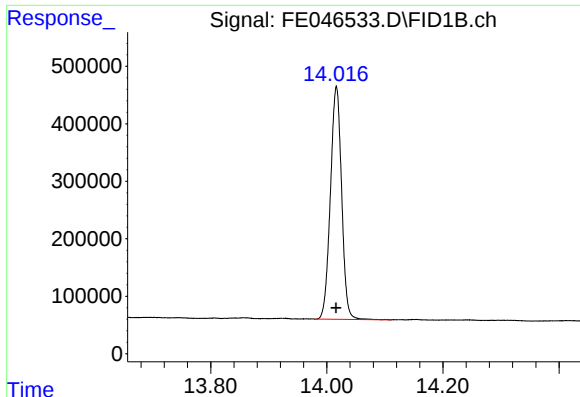
#11 n-Heneicosane (C21)

R.T.: 13.430 min
Delta R.T.: 0.000 min
Response: 5548435
Conc: 33.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.263 min
Delta R.T.: 0.000 min
Response: 5925200
Conc: 41.65 ug/ml



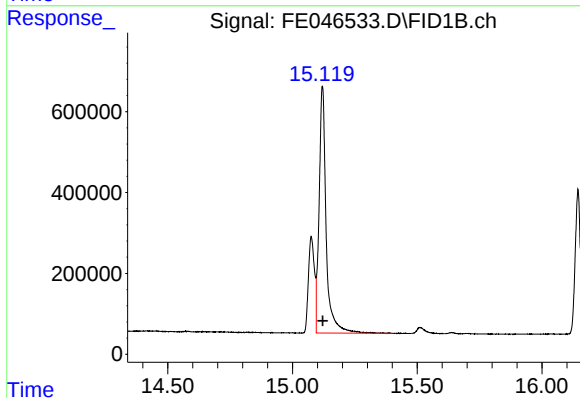
#13 n-Docosane (C22)

R.T.: 14.017 min
Delta R.T.: 0.000 min
Response: 5428605
Conc: 32.77 ug/ml

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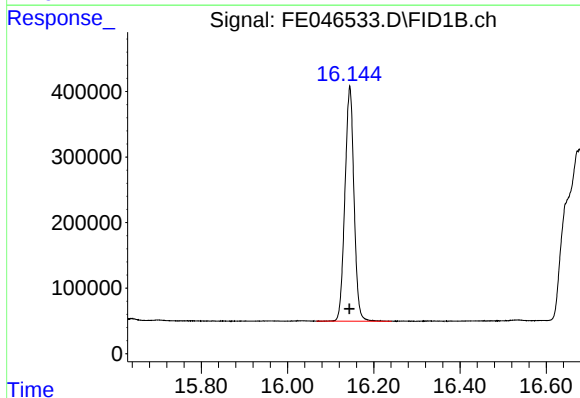
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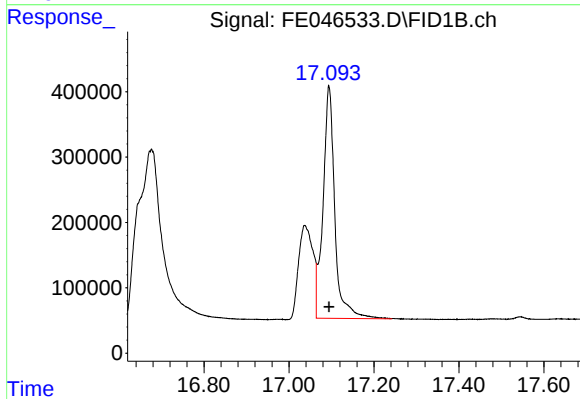
#14 n-Tetracosane (C24)

R.T.: 15.120 min
Delta R.T.: -0.001 min
Response: 12068869
Conc: 73.14 ug/ml



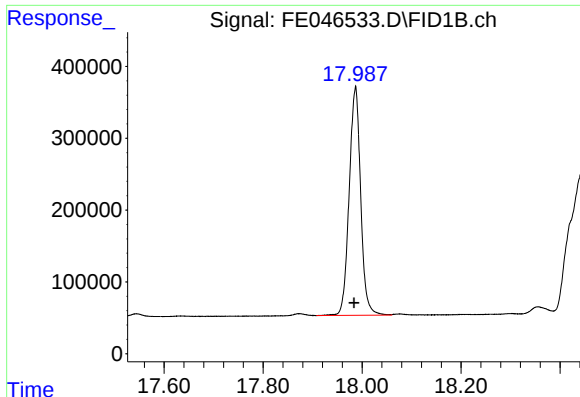
#15 n-Hexacosane (C26)

R.T.: 16.145 min
Delta R.T.: 0.000 min
Response: 5224732
Conc: 32.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.093 min
Delta R.T.: -0.002 min
Response: 6843345
Conc: 43.59 ug/ml m



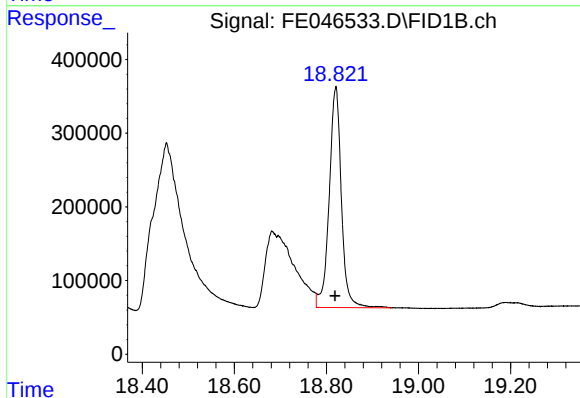
#17 n-Tricontane (C30)

R.T.: 17.987 min
Delta R.T.: 0.003 min
Response: 5134266
Conc: 32.78 ug/ml

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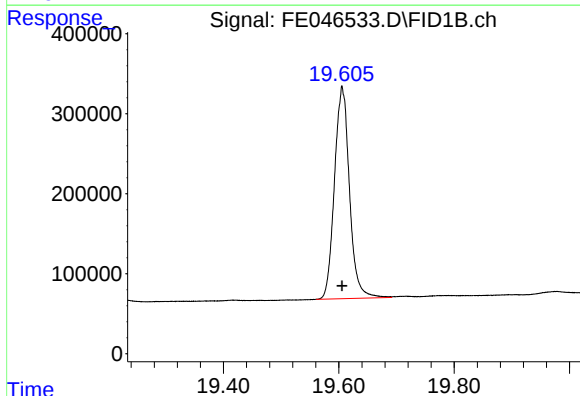
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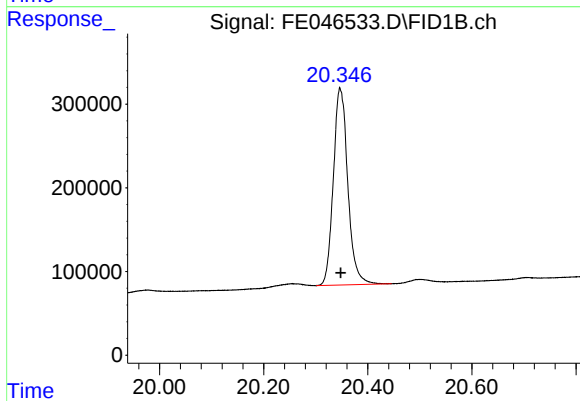
#18 n-Dotriacontane (C32)

R.T.: 18.821 min
Delta R.T.: 0.002 min
Response: 5491191
Conc: 36.33 ug/ml m



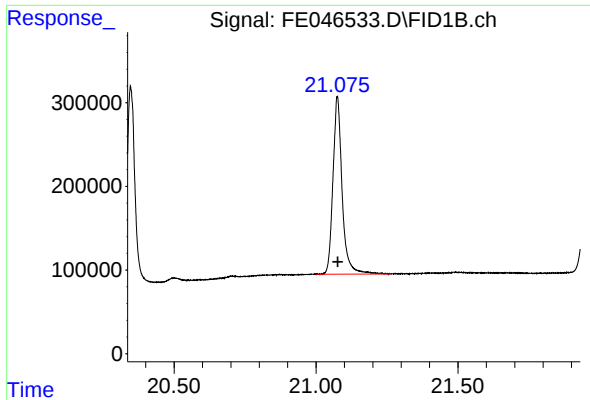
#19 n-Tetratriacontane (C34)

R.T.: 19.606 min
Delta R.T.: 0.000 min
Response: 4786914
Conc: 33.75 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.347 min
Delta R.T.: 0.000 min
Response: 4539865
Conc: 32.94 ug/ml



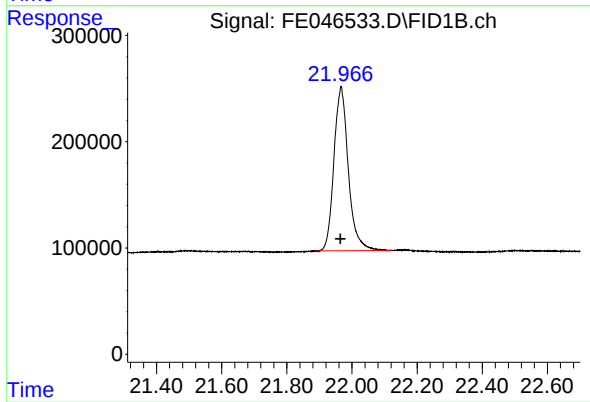
#21 n-Octatriacontane (C38)

R.T.: 21.075 min
Delta R.T.: -0.002 min
Response: 4772481
Conc: 37.23 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.967 min
Delta R.T.: 0.002 min
Response: 4740260
Conc: 37.91 ug/ml