

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020124AL\
 Data File : FE046518.D
 Signal(s) : FID1B.ch
 Acq On : 01 Feb 2024 18:01
 Operator : YP\AJ
 Sample : P1306-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SS-01MSD

Manual Integrations
 APPROVED

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

Integration File: sample.E
 Quant Time: Feb 02 05:39:10 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)	11.822	2057318	11.126 ug/ml
Spiked Amount 50.000		Recovery =	22.25%
12) S 1-chlorooctadecane (S...	13.263	1937161	13.616 ug/ml
Spiked Amount 50.000		Recovery =	27.23%
Target Compounds			
1) T n-Nonane (C9)	3.211	3652312	22.611 ug/ml
2) T n-Decane (C10)	4.461	4231300	25.819 ug/ml
3) T A~Naphthalene (C11.7)	6.164	5061723	29.601 ug/ml
4) T n-Dodecane (C12)	6.627	4957546	29.971 ug/ml
5) T A~2-methylnaphthalene...	7.260	5295261	33.201 ug/ml
6) T n-Tetradecane (C14)	8.456	5494112	33.522 ug/ml
7) T n-Hexadecane (C16)	10.064	5758071	33.697 ug/ml
8) T n-Octadecane (C18)	11.509	6016021	34.508 ug/ml
10) T n-Eicosane (C20)	12.820	5885759	34.666 ug/ml
11) T n-Heneicosane (C21)	13.432	5663749	33.957 ug/ml
13) T n-Docosane (C22)	14.020	5566512	33.601 ug/ml
14) T n-Tetracosane (C24)	15.123	12363750	74.930 ug/ml
15) T n-Hexacosane (C26)	16.147	5326534	33.002 ug/ml
16) T n-Octacosane (C28)	17.098	6853974	43.661 ug/mlm
17) T n-Tricontane (C30)	17.988	5228737	33.382 ug/ml
18) T n-Dotriacontane (C32)	18.821	5416249	35.831 ug/mlm
19) T n-Tetratriacontane (C34)	19.610	4870532	34.339 ug/ml
20) T n-Hexatriacontane (C36)	20.350	4616948	33.495 ug/ml
21) T n-Octatriacontane (C38)	21.078	4738559	36.964 ug/ml
22) T n-Tetracontane (C40)	21.971	4867364	38.928 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Integration File: sample.E

Quant Time: Feb 02 05:39:10 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

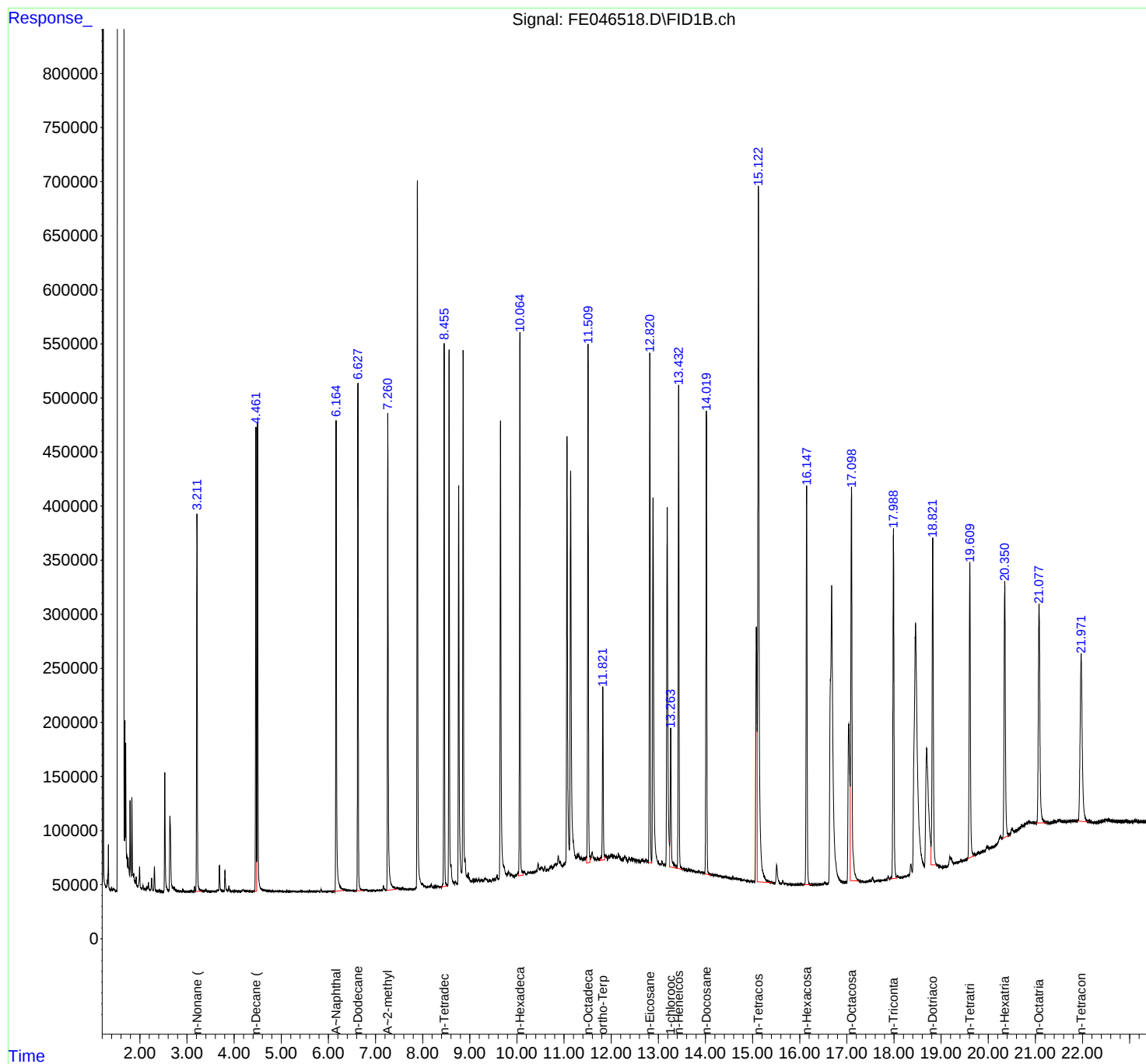
Response via : Initial Calibration

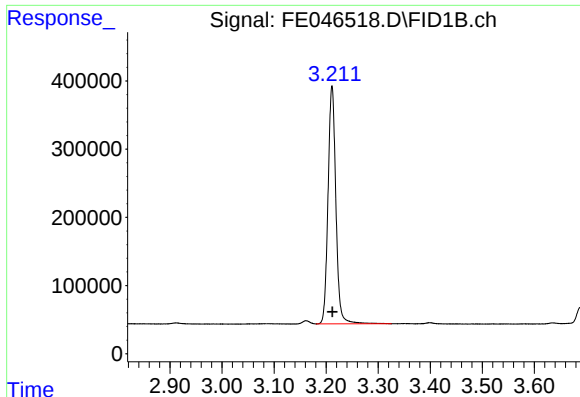
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





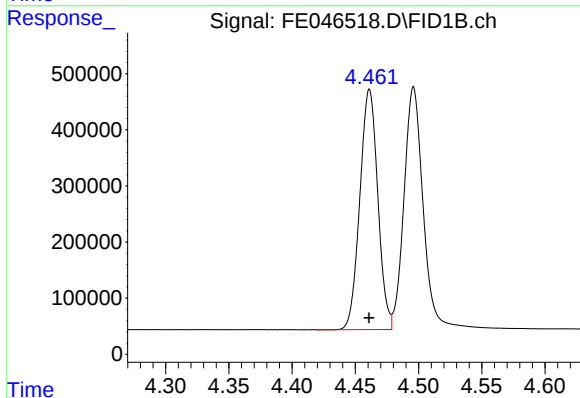
#1 n-Nonane (C9)

R.T.: 3.211 min
Delta R.T.: 0.000 min
Response: 3652312
Conc: 22.61 ug/ml

Instrument :
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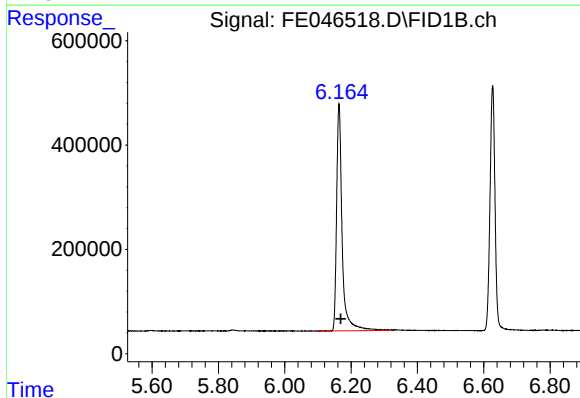
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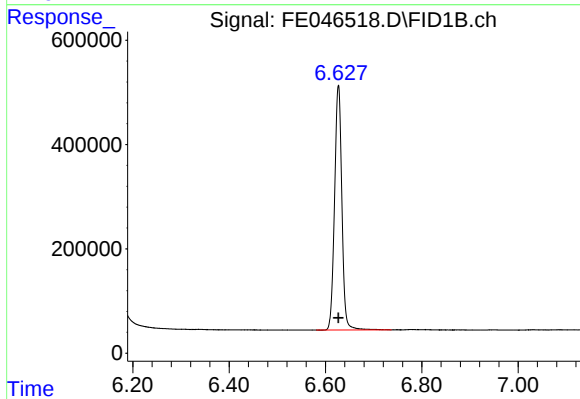
#2 n-Decane (C10)

R.T.: 4.461 min
Delta R.T.: 0.000 min
Response: 4231300
Conc: 25.82 ug/ml



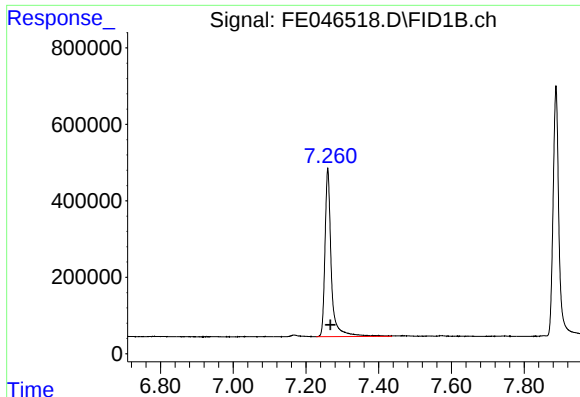
#3 A~Naphthalene (C11.7)

R.T.: 6.164 min
Delta R.T.: -0.005 min
Response: 5061723
Conc: 29.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 4957546
Conc: 29.97 ug/ml



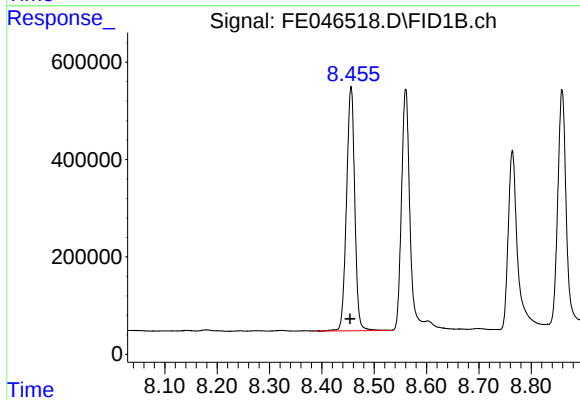
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.260 min
Delta R.T.: -0.007 min
Response: 5295261
Conc: 33.20 ug/ml

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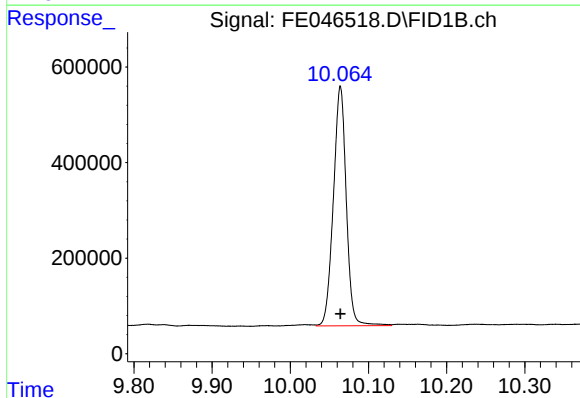
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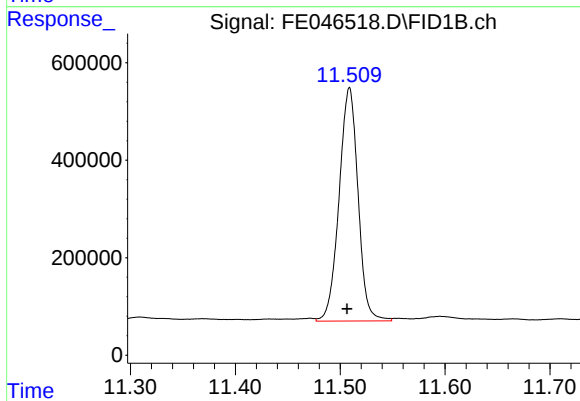
#6 n-Tetradecane (C14)

R.T.: 8.456 min
Delta R.T.: 0.002 min
Response: 5494112
Conc: 33.52 ug/ml



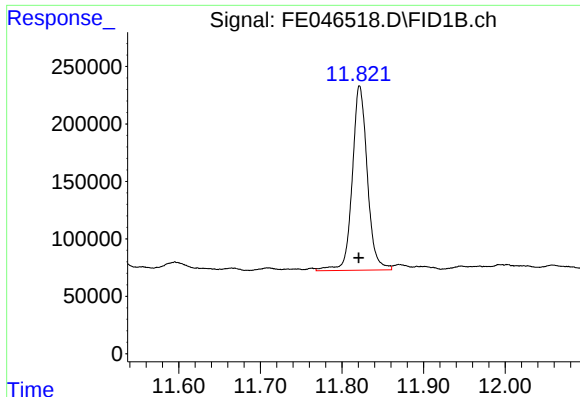
#7 n-Hexadecane (C16)

R.T.: 10.064 min
Delta R.T.: 0.000 min
Response: 5758071
Conc: 33.70 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.509 min
Delta R.T.: 0.002 min
Response: 6016021
Conc: 34.51 ug/ml



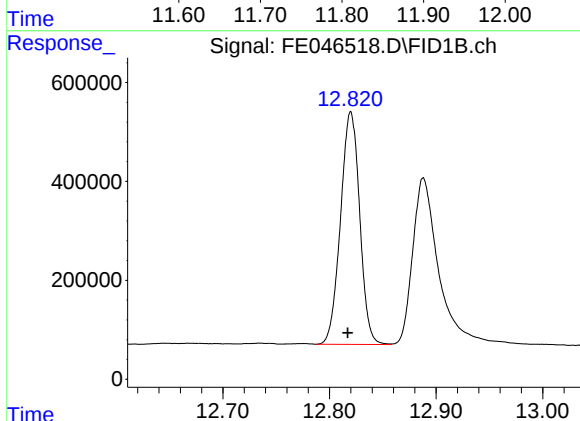
#9 ortho-Terphenyl (SURR)

R.T.: 11.822 min
Delta R.T.: 0.001 min
Response: 2057318
Conc: 11.13 ug/ml

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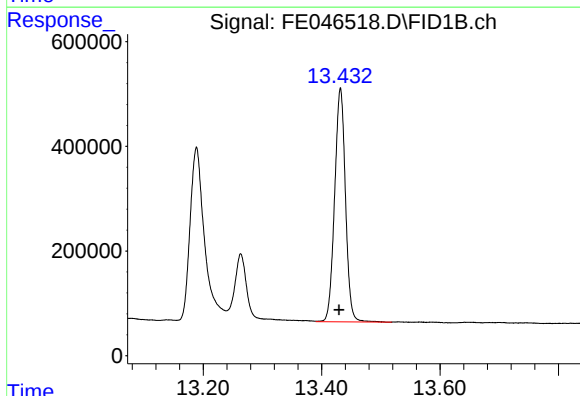
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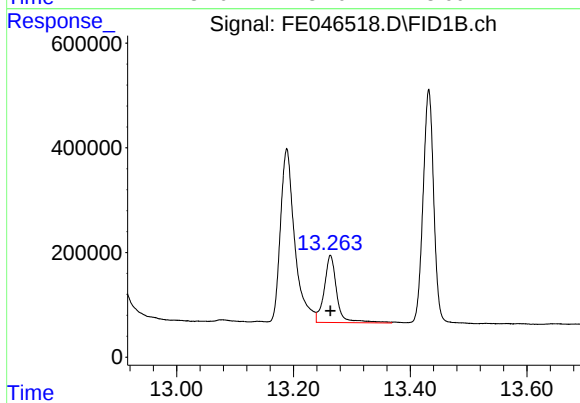
#10 n-Eicosane (C20)

R.T.: 12.820 min
Delta R.T.: 0.003 min
Response: 5885759
Conc: 34.67 ug/ml



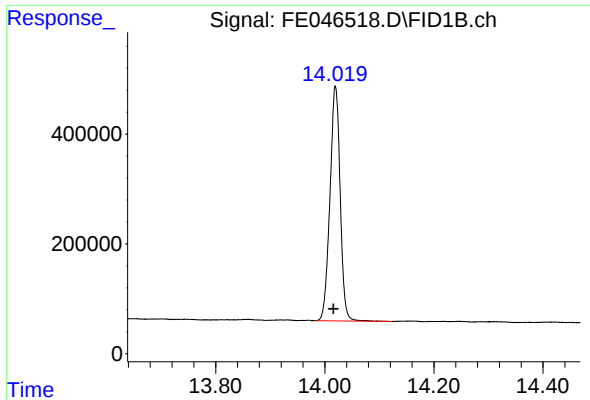
#11 n-Heneicosane (C21)

R.T.: 13.432 min
Delta R.T.: 0.003 min
Response: 5663749
Conc: 33.96 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.263 min
Delta R.T.: 0.000 min
Response: 1937161
Conc: 13.62 ug/ml



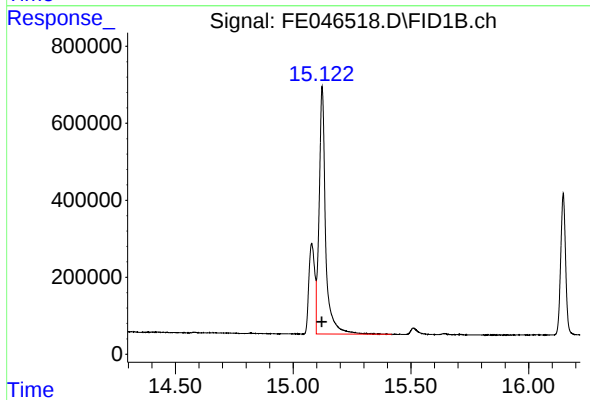
#13 n-Docosane (C22)

R.T.: 14.020 min
Delta R.T.: 0.004 min
Response: 5566512
Conc: 33.60 ug/ml

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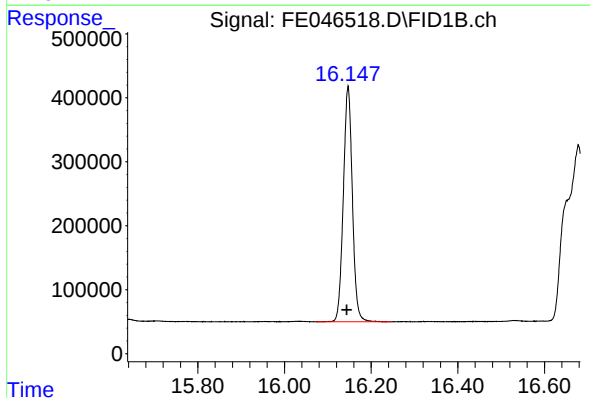
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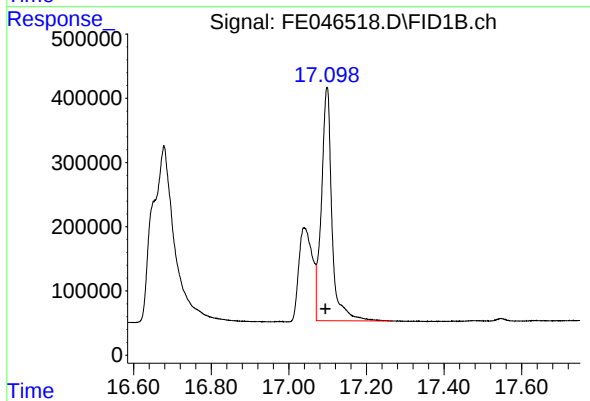
#14 n-Tetracosane (C24)

R.T.: 15.123 min
Delta R.T.: 0.002 min
Response: 12363750
Conc: 74.93 ug/ml



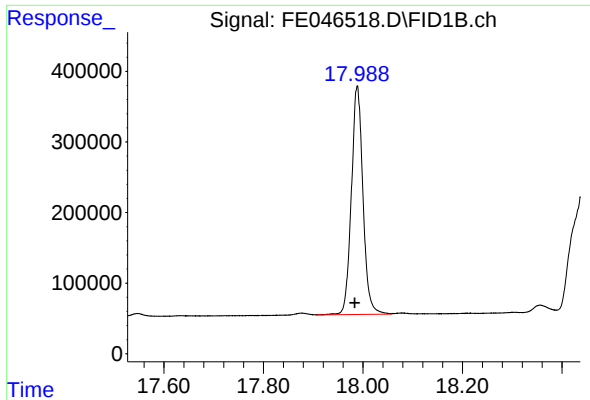
#15 n-Hexacosane (C26)

R.T.: 16.147 min
Delta R.T.: 0.003 min
Response: 5326534
Conc: 33.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.098 min
Delta R.T.: 0.004 min
Response: 6853974
Conc: 43.66 ug/ml m



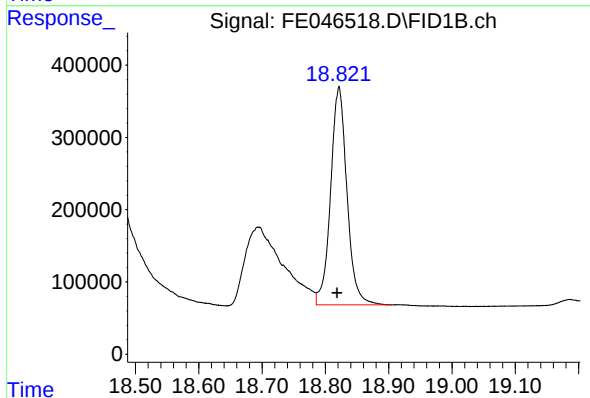
#17 n-Tricontane (C30)

R.T.: 17.988 min
Delta R.T.: 0.005 min
Response: 5228737
Conc: 33.38 ug/ml

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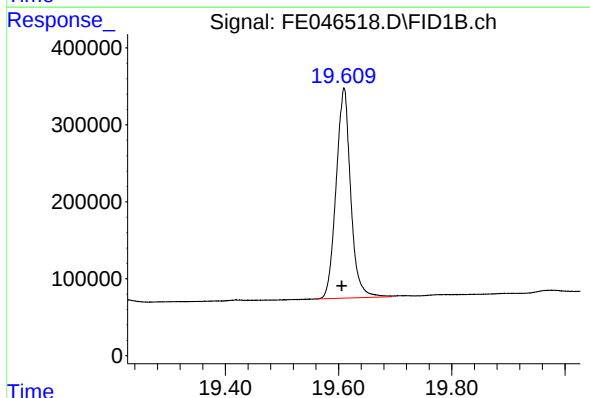
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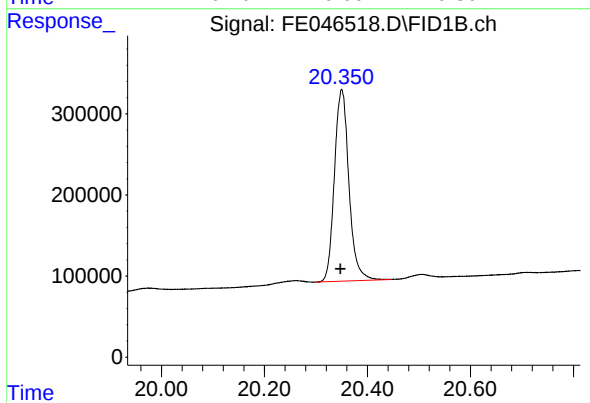
#18 n-Dotriacontane (C32)

R.T.: 18.821 min
Delta R.T.: 0.003 min
Response: 5416249
Conc: 35.83 ug/ml m



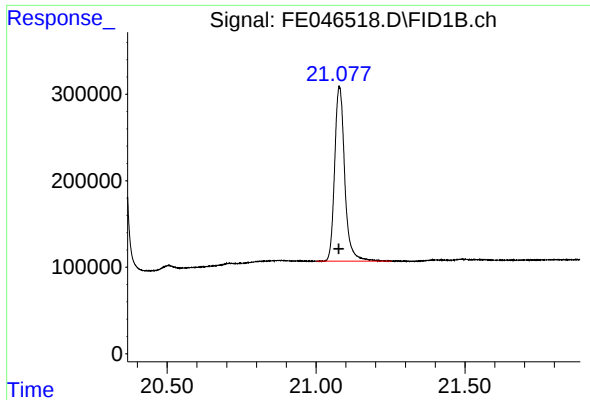
#19 n-Tetratriacontane (C34)

R.T.: 19.610 min
Delta R.T.: 0.004 min
Response: 4870532
Conc: 34.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.350 min
Delta R.T.: 0.003 min
Response: 4616948
Conc: 33.49 ug/ml



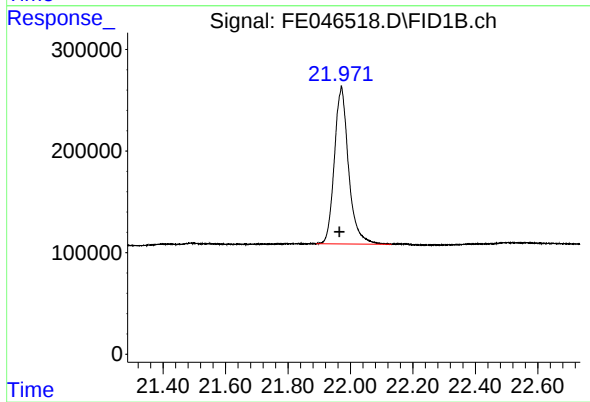
#21 n-Octatriacontane (C38)

R.T.: 21.078 min
Delta R.T.: 0.002 min
Response: 4738559
Conc: 36.96 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.971 min
Delta R.T.: 0.007 min
Response: 4867364
Conc: 38.93 ug/ml