

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020124AL\
 Data File : FE046530.D
 Signal(s) : FID1B.ch
 Acq On : 02 Feb 2024 13:22
 Operator : YP\AJ
 Sample : PB158755BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB158755BS

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 02:28:50 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)	11.823	7296439	39.460 ug/ml
Spiked Amount 50.000		Recovery =	78.92%
12) S 1-chlorooctadecane (S...	13.265	6048290	42.511 ug/ml
Spiked Amount 50.000		Recovery =	85.02%
Target Compounds			
1) T n-Nonane (C9)	3.225	7184924	44.481 ug/ml
2) T n-Decane (C10)	4.469	7663969	46.764 ug/ml
3) T A~Naphthalene (C11.7)	6.167	9155173	53.540 ug/ml
4) T n-Dodecane (C12)	6.630	8308843	50.231 ug/ml
5) T A~2-methylnaphthalene...	7.262	8856164	55.528 ug/ml
6) T n-Tetradecane (C14)	8.456	8400504	51.255 ug/ml
7) T n-Hexadecane (C16)	10.064	8295519	48.546 ug/ml
8) T n-Octadecane (C18)	11.509	8414137	48.263 ug/ml
10) T n-Eicosane (C20)	12.820	8458818	49.820 ug/ml
11) T n-Heneicosane (C21)	13.433	8097968	48.552 ug/ml
13) T n-Docosane (C22)	14.019	8015617	48.384 ug/ml
14) T n-Tetracosane (C24)	15.124	18655211	113.060 ug/ml
15) T n-Hexacosane (C26)	16.148	7762054	48.092 ug/ml
16) T n-Octacosane (C28)	17.099	10147702	64.643 ug/mlm
17) T n-Tricontane (C30)	17.991	7612491	48.601 ug/ml
18) T n-Dotriacontane (C32)	18.823	8134378	53.813 ug/mlm
19) T n-Tetratriacontane (C34)	19.608	6808823	48.005 ug/ml
20) T n-Hexatriacontane (C36)	20.351	6126309	44.445 ug/ml
21) T n-Octatriacontane (C38)	21.079	6093853	47.536 ug/ml
22) T n-Tetracontane (C40)	21.971	5763757	46.097 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB158755BS
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ALS Vial : 7 Sample Multiplier: 1

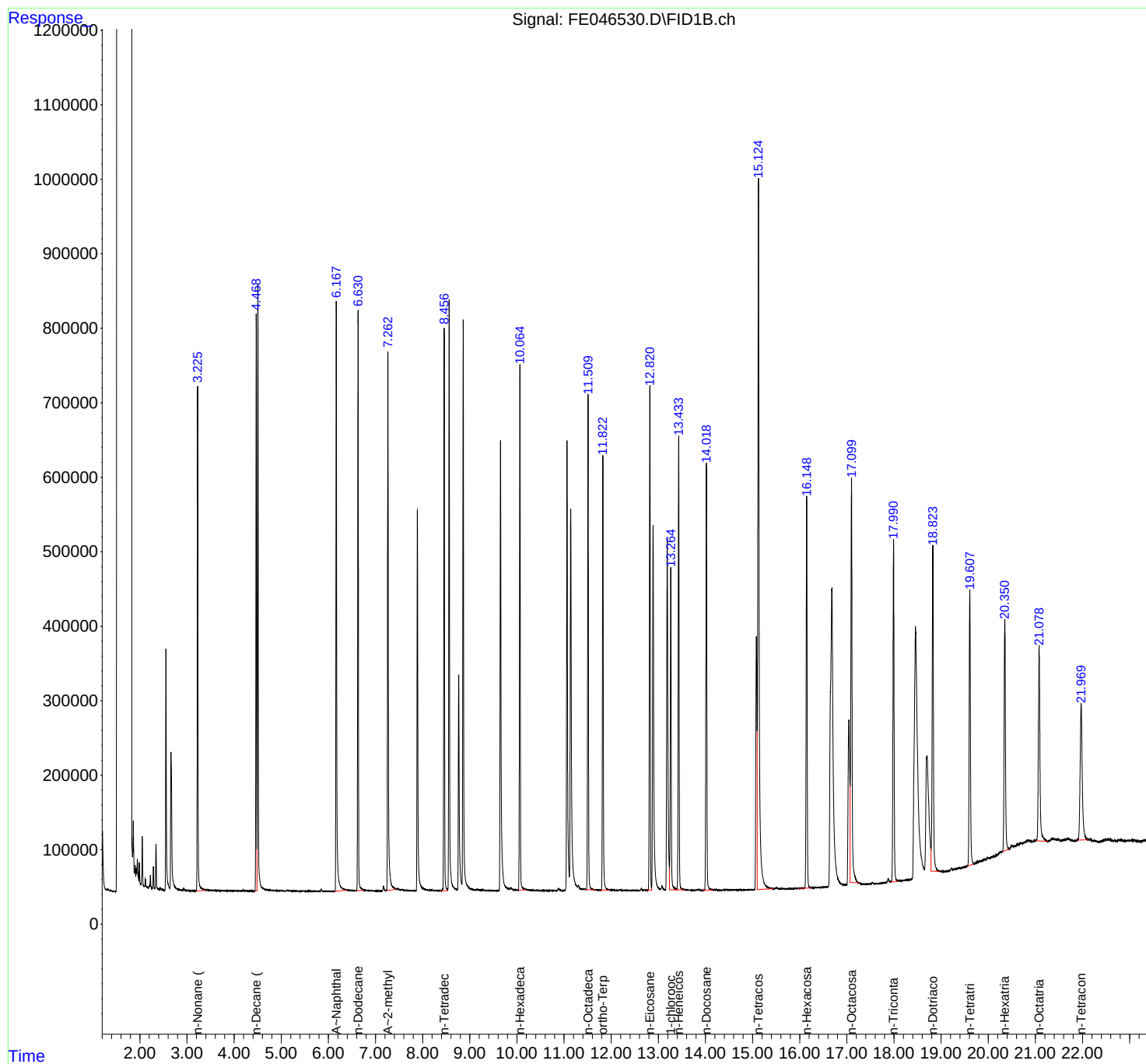
Instrument :
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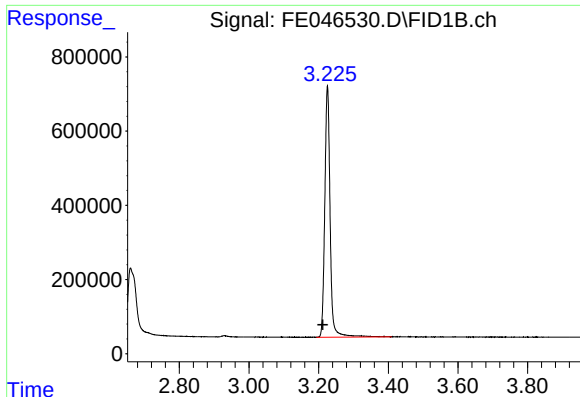
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#1 n-Nonane (C9)

R.T.: 3.225 min
Delta R.T.: 0.013 min
Response: 7184924
Conc: 44.48 ug/ml

Instrument :

FID_E

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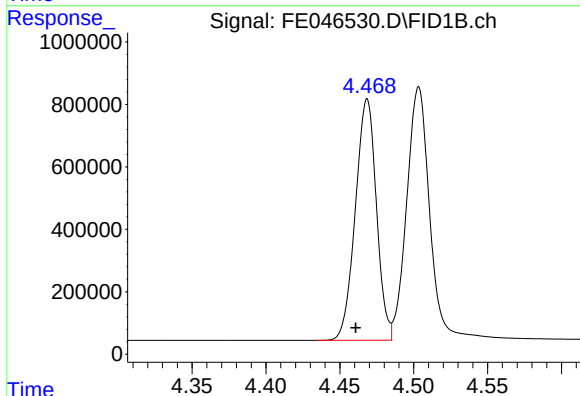
PB158755BS

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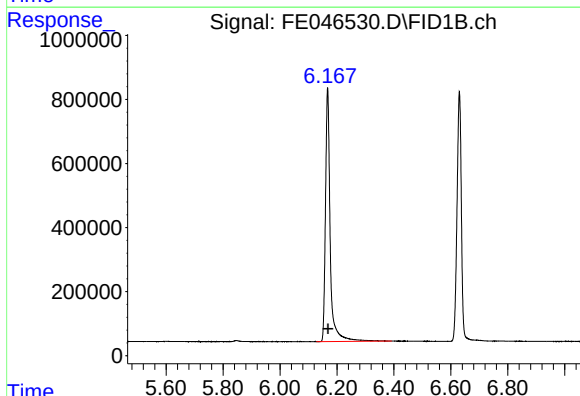
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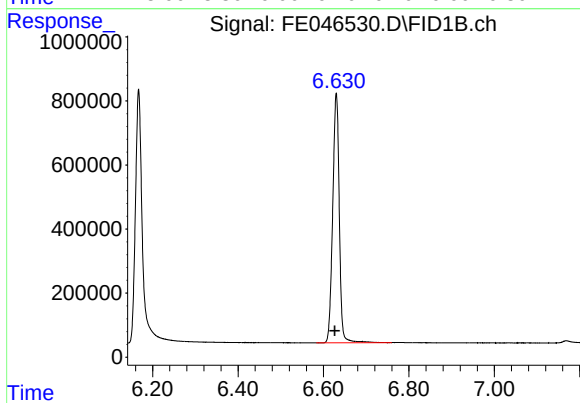
#2 n-Decane (C10)

R.T.: 4.469 min
Delta R.T.: 0.008 min
Response: 7663969
Conc: 46.76 ug/ml



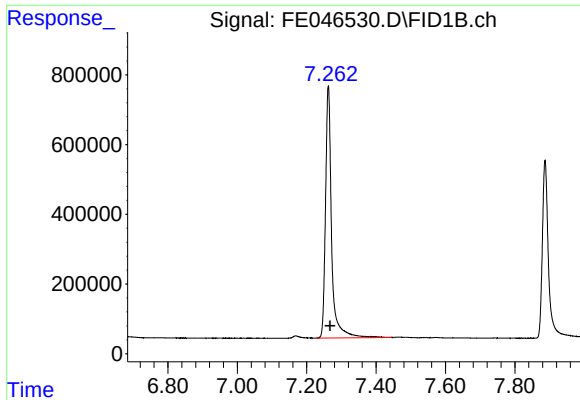
#3 A~Naphthalene (C11.7)

R.T.: 6.167 min
Delta R.T.: -0.001 min
Response: 9155173
Conc: 53.54 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.630 min
Delta R.T.: 0.003 min
Response: 8308843
Conc: 50.23 ug/ml



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

R.T.: 7.262 min
Delta R.T.: -0.005 min
Response: 8856164
Conc: 55.53 ug/ml

Instrument :

FID_E

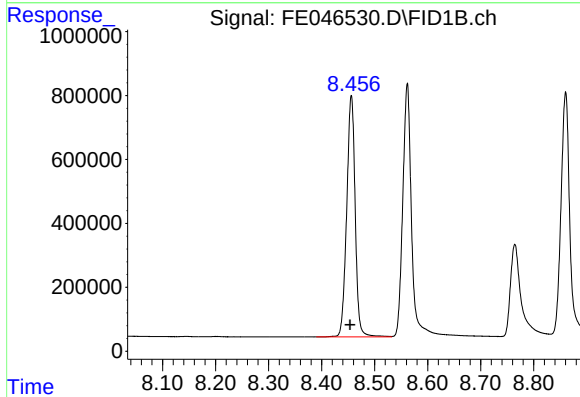
ClientSampleId :

PB158755BS

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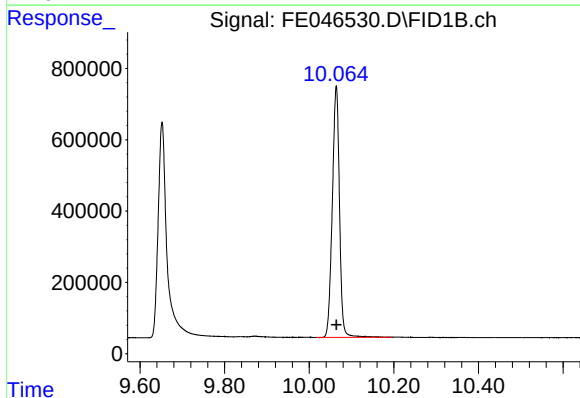
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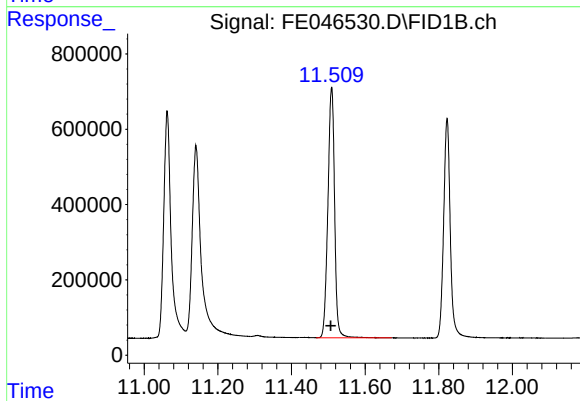
#6 n-Tetradecane (C14)

R.T.: 8.456 min
Delta R.T.: 0.002 min
Response: 8400504
Conc: 51.26 ug/ml



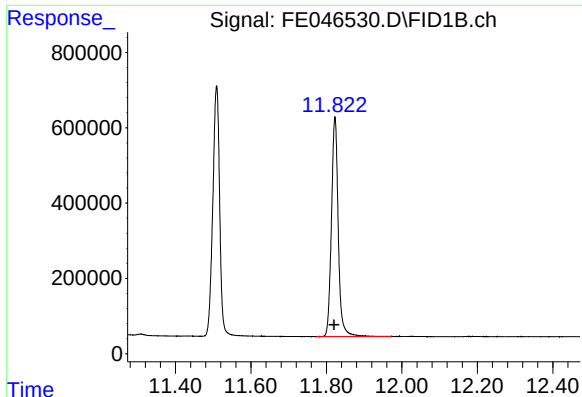
#7 n-Hexadecane (C16)

R.T.: 10.064 min
Delta R.T.: 0.000 min
Response: 8295519
Conc: 48.55 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.509 min
Delta R.T.: 0.003 min
Response: 8414137
Conc: 48.26 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.823 min
Delta R.T.: 0.002 min
Response: 7296439
Conc: 39.46 ug/ml

Instrument :

FID_E

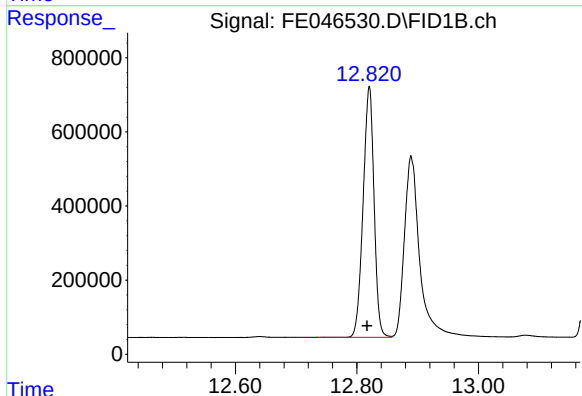
ClientSampleId :

PB158755BS

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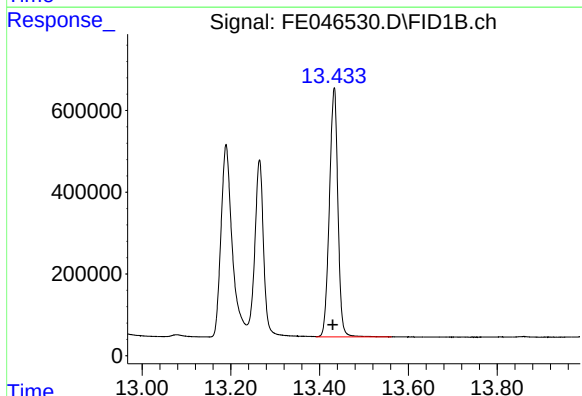
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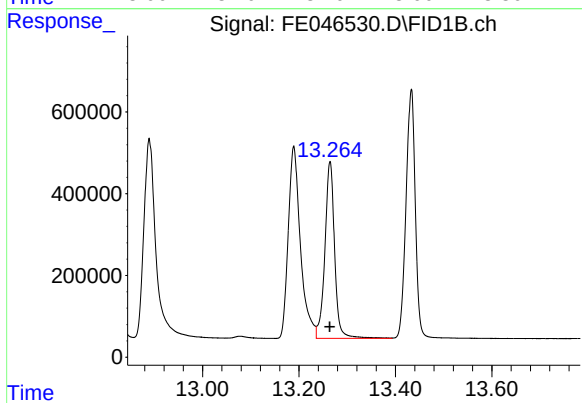
#10 n-Eicosane (C20)

R.T.: 12.820 min
Delta R.T.: 0.004 min
Response: 8458818
Conc: 49.82 ug/ml



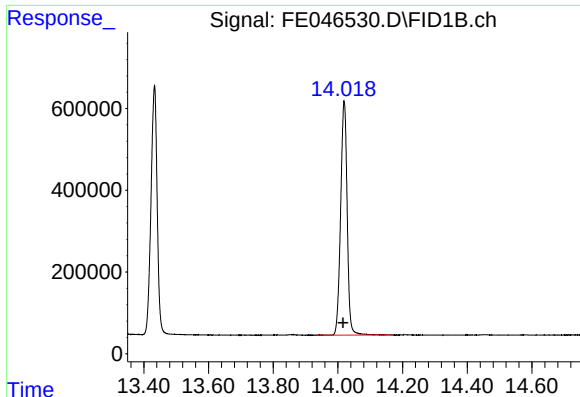
#11 n-Heneicosane (C21)

R.T.: 13.433 min
Delta R.T.: 0.004 min
Response: 8097968
Conc: 48.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.265 min
Delta R.T.: 0.001 min
Response: 6048290
Conc: 42.51 ug/ml



#13 n-Docosane (C22)

R.T.: 14.019 min
Delta R.T.: 0.003 min
Response: 8015617
Conc: 48.38 ug/ml

Instrument :

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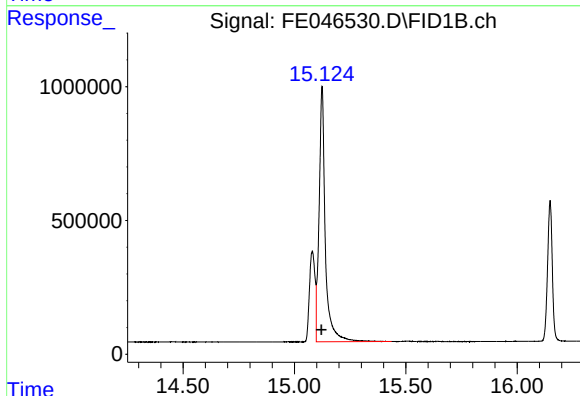
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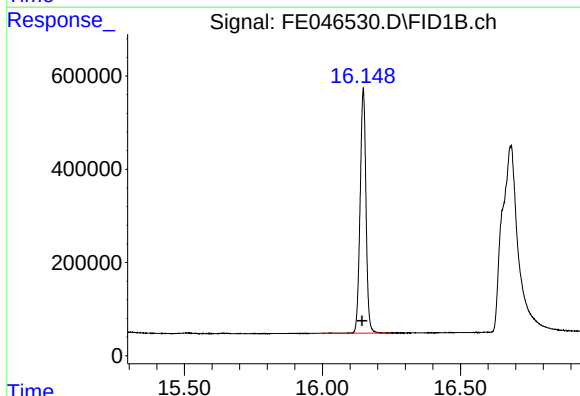
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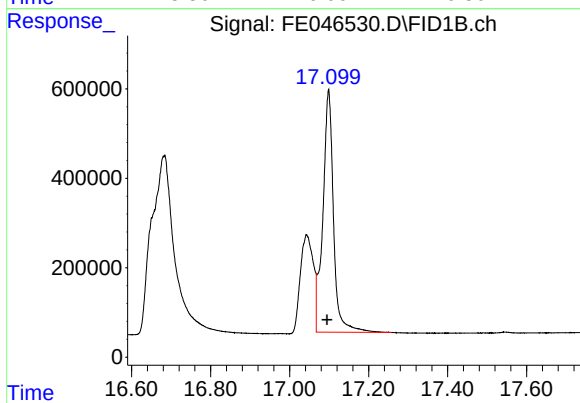
#14 n-Tetracosane (C24)

R.T.: 15.124 min
Delta R.T.: 0.003 min
Response: 18655211
Conc: 113.06 ug/ml



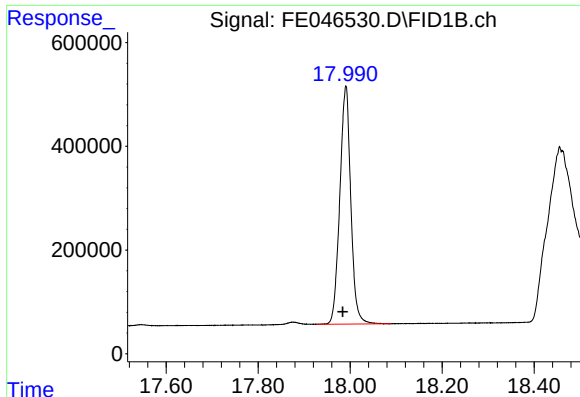
#15 n-Hexacosane (C26)

R.T.: 16.148 min
Delta R.T.: 0.004 min
Response: 7762054
Conc: 48.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.099 min
Delta R.T.: 0.004 min
Response: 10147702
Conc: 64.64 ug/ml m



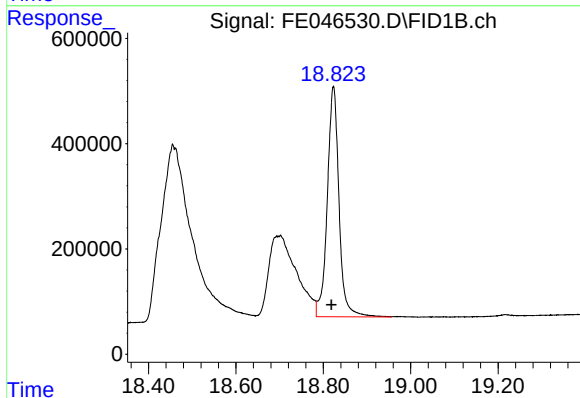
#17 n-Tricontane (C30)

R.T.: 17.991 min
Delta R.T.: 0.007 min
Response: 7612491
Conc: 48.60 ug/ml

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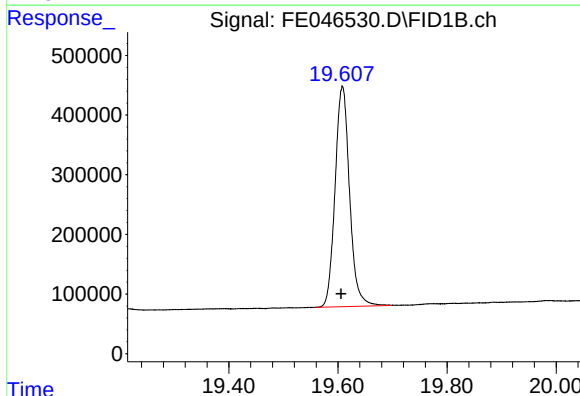
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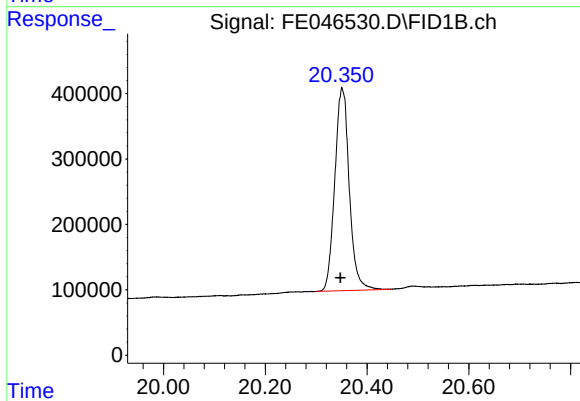
#18 n-Dotriacontane (C32)

R.T.: 18.823 min
Delta R.T.: 0.005 min
Response: 8134378
Conc: 53.81 ug/ml m



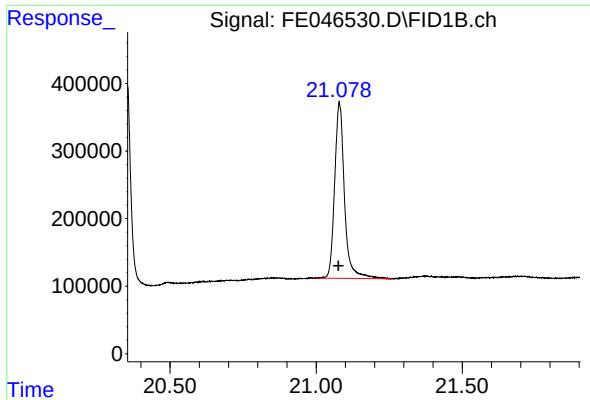
#19 n-Tetratriacontane (C34)

R.T.: 19.608 min
Delta R.T.: 0.002 min
Response: 6808823
Conc: 48.01 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.351 min
Delta R.T.: 0.003 min
Response: 6126309
Conc: 44.44 ug/ml



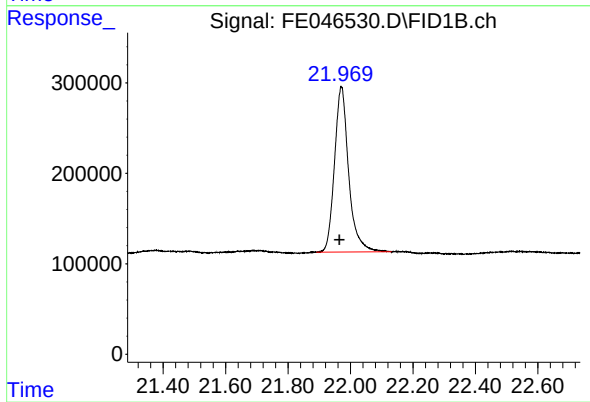
#21 n-Octatriacontane (C38)

R.T.: 21.079 min
Delta R.T.: 0.003 min
Response: 6093853
Conc: 47.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.971 min
Delta R.T.: 0.006 min
Response: 5763757
Conc: 46.10 ug/ml