

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040424AL\
 Data File : FE047476.D
 Signal(s) : FID1B.ch
 Acq On : 04 Apr 2024 20:40
 Operator : YP\AJ
 Sample : P1974-07MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

SOIL-3MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/05/2024

Supervised By :Ankita Jodhani 04/05/2024

Integration File: autoint1.e

Quant Time: Apr 05 01:27:46 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M

Quant Title : GC Extractables

QLast Update : Tue Apr 02 05:28:28 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)	11.981	4887907	28.181 ug/ml
Spiked Amount 50.000		Recovery =	56.36%
12) S 1-chlorooctadecane (S...	13.414	4092393	30.428 ug/ml
Spiked Amount 50.000		Recovery =	60.86%
Target Compounds			
1) T n-Nonane (C9)	3.362	3528850	22.556 ug/ml
2) T n-Decane (C10)	4.615	4135220	25.730 ug/ml
3) T A~Naphthalene (C11.7)	6.320	4567904	26.941 ug/ml
4) T n-Dodecane (C12)	6.780	4660235	28.712 ug/ml
5) T A~2-methylnaphthalene...	7.416	4787875	29.155 ug/ml
6) T n-Tetradecane (C14)	8.610	5136156	31.927 ug/ml
7) T n-Hexadecane (C16)	10.217	5719940	34.442 ug/ml
8) T n-Octadecane (C18)	11.661	6183302	36.872 ug/ml
10) T n-Eicosane (C20)	12.970	6291167	38.834 ug/ml
11) T n-Heneicosane (C21)	13.582	6101899	38.455 ug/ml
13) T n-Docosane (C22)	14.167	6084363	37.913 ug/ml
14) T n-Tetracosane (C24)	15.267	9965887	60.376 ug/mlm
15) T n-Hexacosane (C26)	16.289	5941132	35.942 ug/ml
16) T n-Octacosane (C28)	17.237	6042094	36.460 ug/ml
17) T n-Tricontane (C30)	18.126	5995699	35.315 ug/ml
18) T n-Dotriacontane (C32)	18.957	5908924	35.436 ug/ml
19) T n-Tetratriacontane (C34)	19.738	5989461	37.344 ug/ml
20) T n-Hexatriacontane (C36)	20.479	6045919	37.906 ug/ml
21) T n-Octatriacontane (C38)	21.221	6227543	38.318 ug/ml
22) T n-Tetracontane (C40)	22.151	6346035	38.760 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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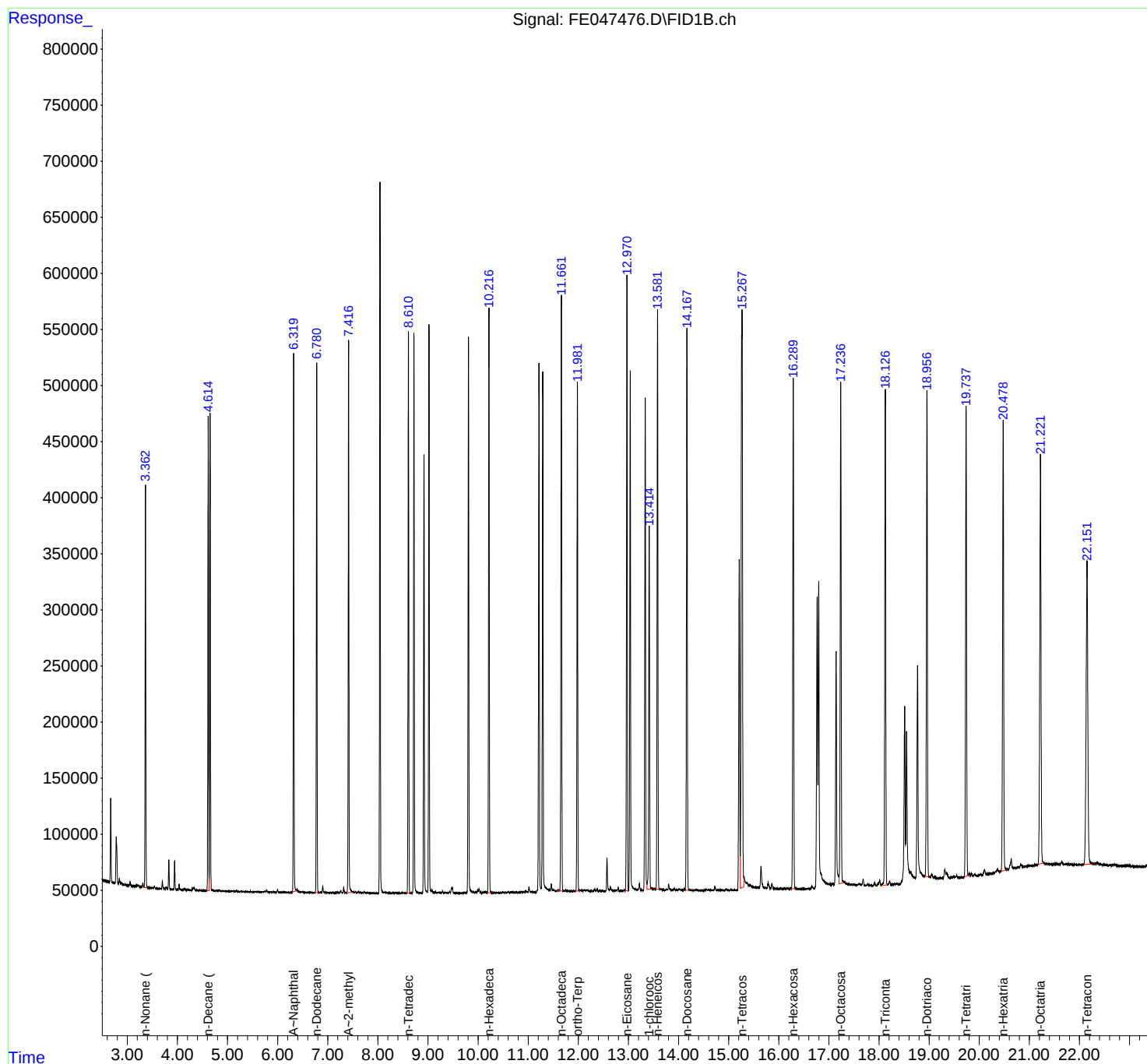
Instrument :
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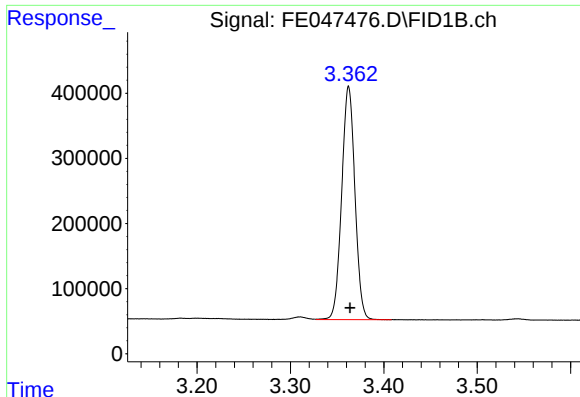
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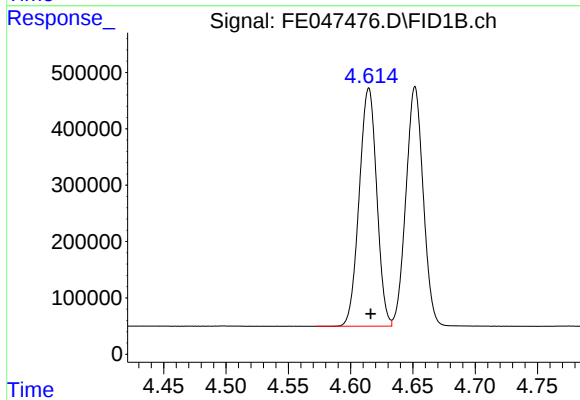
#1 n-Nonane (C9)

R.T.: 3.362 min
Delta R.T.: -0.002 min
Response: 3528850
Conc: 22.56 ug/ml

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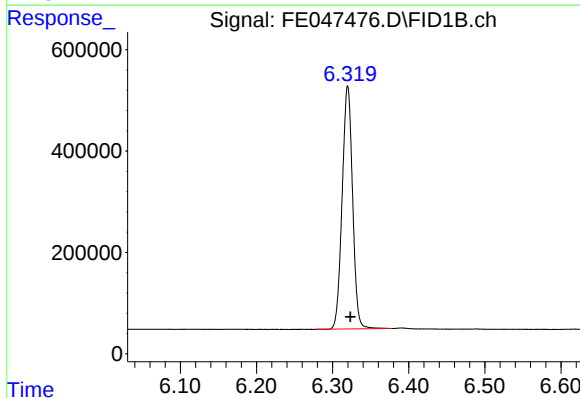
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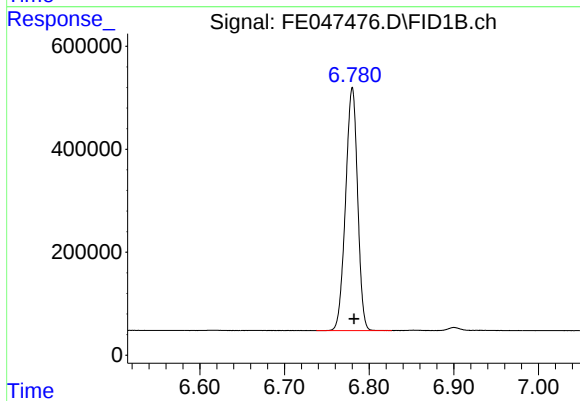
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: -0.001 min
Response: 4135220
Conc: 25.73 ug/ml



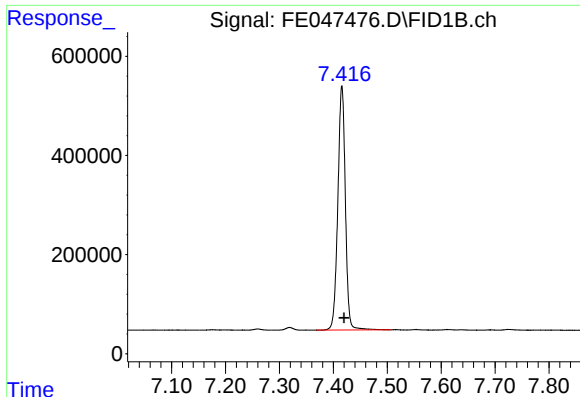
#3 A~Naphthalene (C11.7)

R.T.: 6.320 min
Delta R.T.: -0.003 min
Response: 4567904
Conc: 26.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.780 min
Delta R.T.: -0.002 min
Response: 4660235
Conc: 28.71 ug/ml



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

R.T.: 7.416 min
Delta R.T.: -0.004 min
Response: 4787875
Conc: 29.15 ug/ml

Instrument :

FID_E

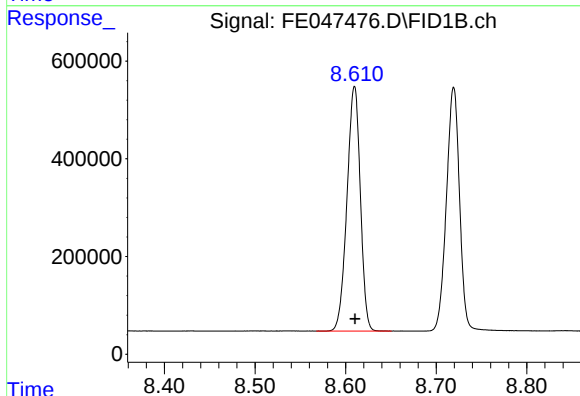
ClientSampleId :

SOIL-3MS

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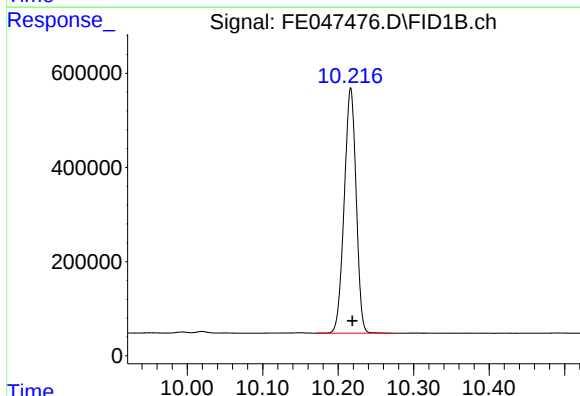
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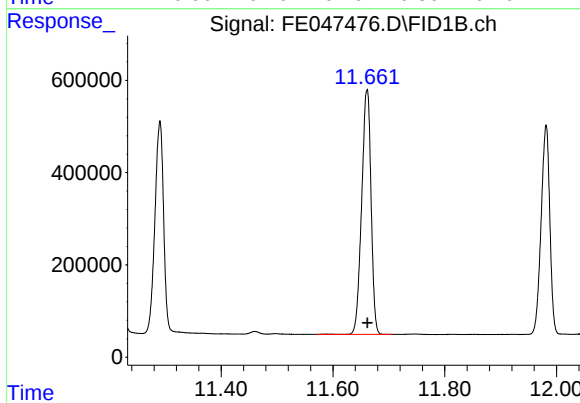
#6 n-Tetradecane (C14)

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 5136156
Conc: 31.93 ug/ml



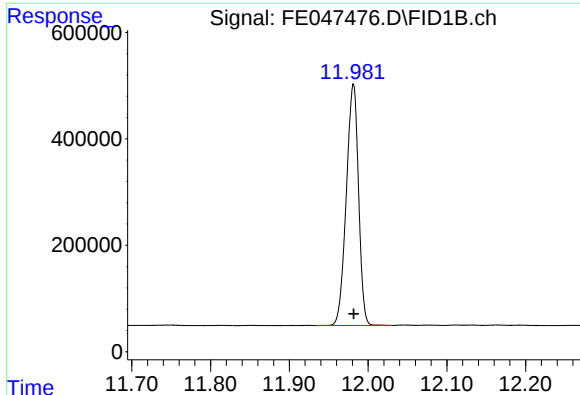
#7 n-Hexadecane (C16)

R.T.: 10.217 min
Delta R.T.: -0.002 min
Response: 5719940
Conc: 34.44 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.661 min
Delta R.T.: 0.000 min
Response: 6183302
Conc: 36.87 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.981 min
Delta R.T.: 0.000 min
Response: 4887907
Conc: 28.18 ug/ml

Instrument :

FID_E

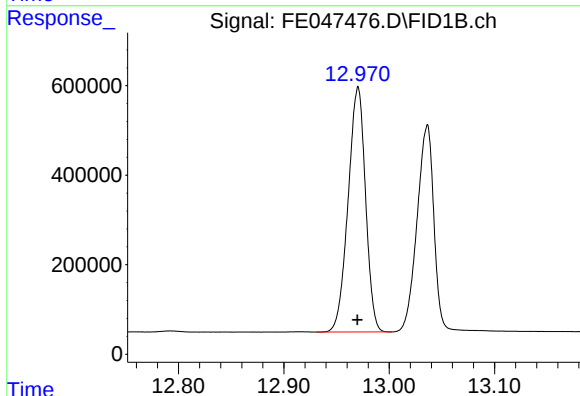
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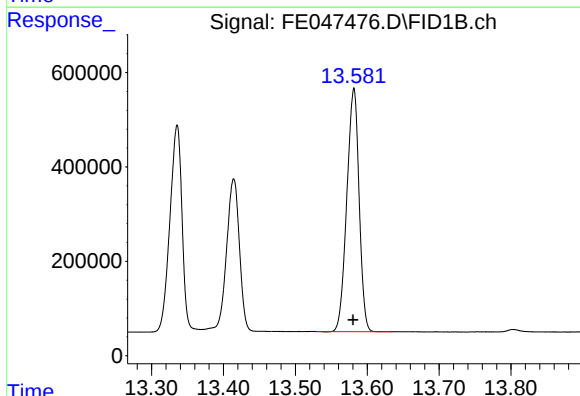
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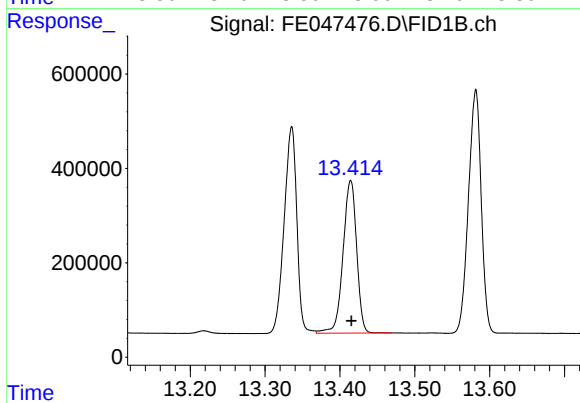
#10 n-Eicosane (C20)

R.T.: 12.970 min
Delta R.T.: 0.000 min
Response: 6291167
Conc: 38.83 ug/ml



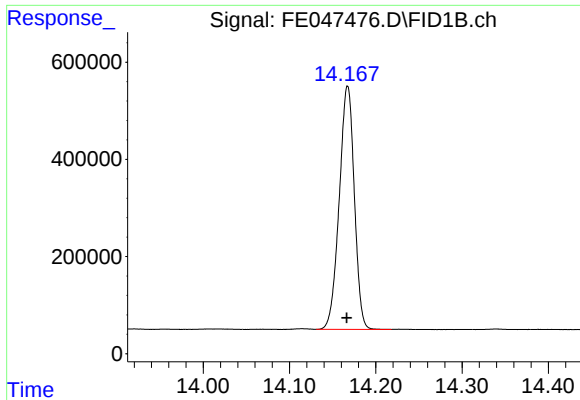
#11 n-Heneicosane (C21)

R.T.: 13.582 min
Delta R.T.: 0.001 min
Response: 6101899
Conc: 38.46 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.414 min
Delta R.T.: 0.000 min
Response: 4092393
Conc: 30.43 ug/ml



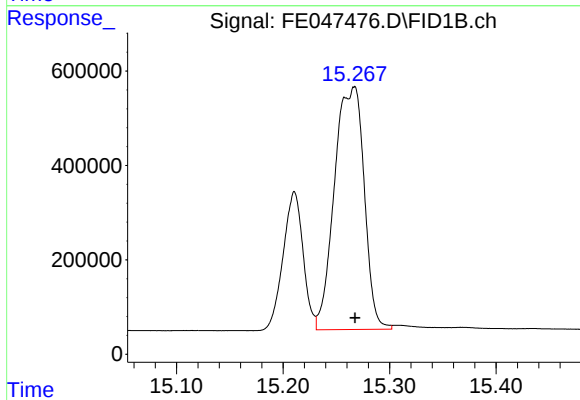
#13 n-Docosane (C22)

R.T.: 14.167 min
Delta R.T.: 0.001 min
Response: 6084363
Conc: 37.91 ug/ml

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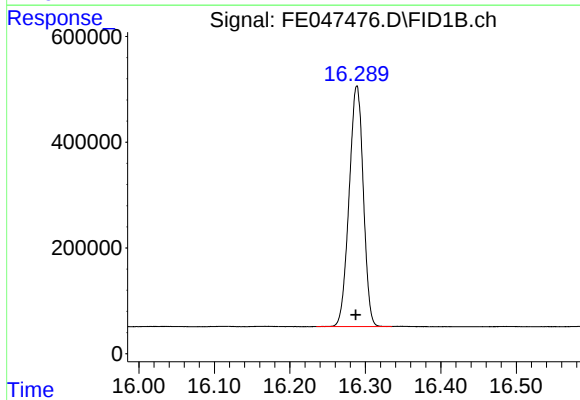
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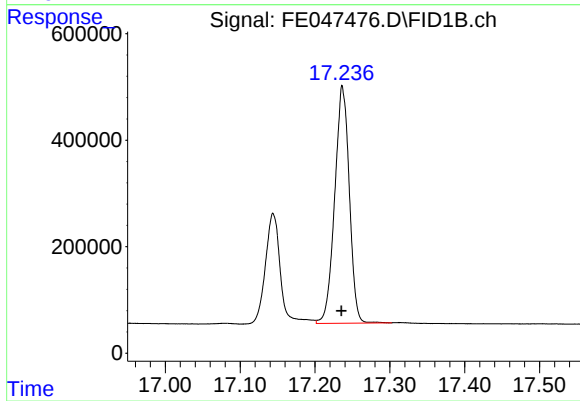
#14 n-Tetracosane (C24)

R.T.: 15.267 min
Delta R.T.: 0.000 min
Response: 9965887
Conc: 60.38 ug/ml m



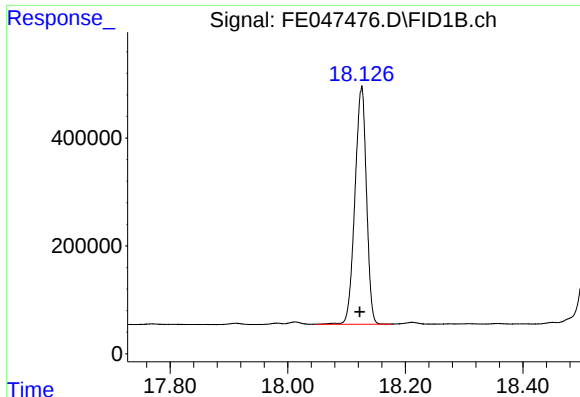
#15 n-Hexacosane (C26)

R.T.: 16.289 min
Delta R.T.: 0.002 min
Response: 5941132
Conc: 35.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.237 min
Delta R.T.: 0.001 min
Response: 6042094
Conc: 36.46 ug/ml



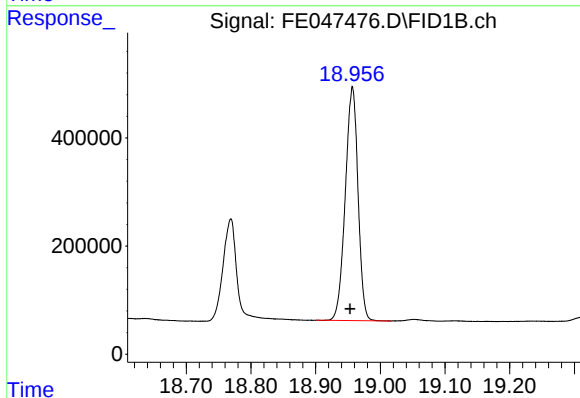
#17 n-Tricontane (C30)

R.T.: 18.126 min
Delta R.T.: 0.004 min
Response: 5995699
Conc: 35.32 ug/ml

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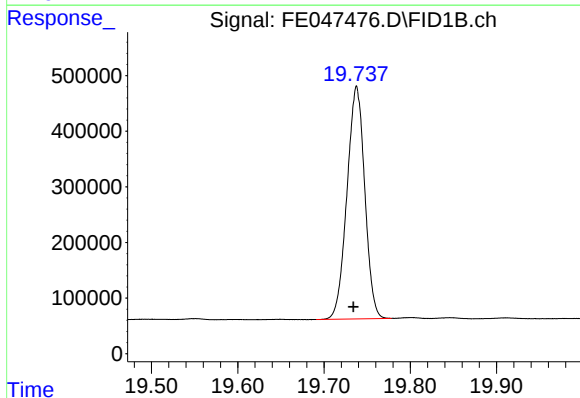
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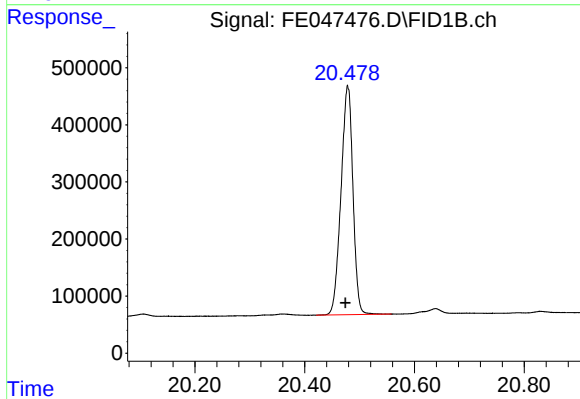
#18 n-Dotriacontane (C32)

R.T.: 18.957 min
Delta R.T.: 0.004 min
Response: 5908924
Conc: 35.44 ug/ml



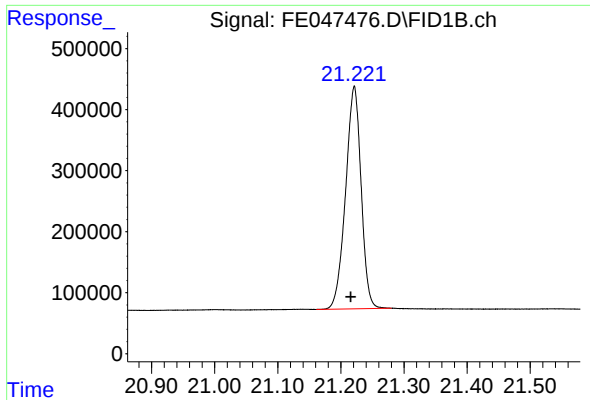
#19 n-Tetratriacontane (C34)

R.T.: 19.738 min
Delta R.T.: 0.003 min
Response: 5989461
Conc: 37.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.479 min
Delta R.T.: 0.005 min
Response: 6045919
Conc: 37.91 ug/ml



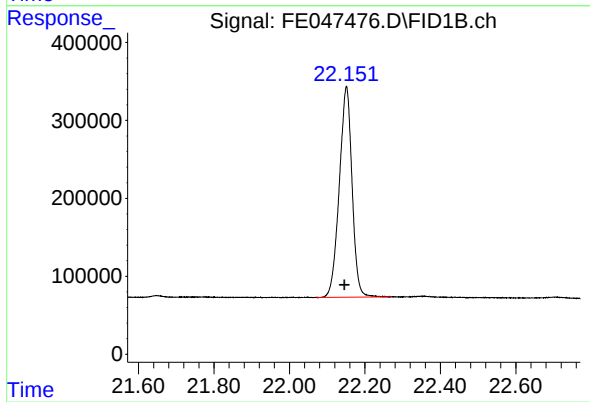
#21 n-Octatriacontane (C38)

R.T.: 21.221 min
Delta R.T.: 0.006 min
Response: 6227543
Conc: 38.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.151 min
Delta R.T.: 0.005 min
Response: 6346035
Conc: 38.76 ug/ml