

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011624AL\
 Data File : FE046258.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jan 2024 20:39
 Operator : YP\AJ
 Sample : P1147-02MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

MH-E-E2MSD

Manual Integrations**APPROVED**

Reviewed By :Ankita Jodhani 01/17/2024

Supervised By :Sohil Jodhani 01/23/2024

Integration File: autoint1.e

Quant Time: Jan 17 01:19:27 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M

Quant Title : GC Extractables

QLast Update : Fri Dec 29 03:49:54 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)	11.827	4395077	24.185 ug/ml
Spiked Amount 50.000		Recovery =	48.37%
12) S 1-chlorooctadecane (S...	13.270	3664301	27.425 ug/ml
Spiked Amount 50.000		Recovery =	54.85%
Target Compounds			
1) T n-Nonane (C9)	3.218	4237428	27.687 ug/ml
2) T n-Decane (C10)	4.467	4746898	30.586 ug/ml
3) T A~Naphthalene (C11.7)	6.168	5619359	33.789 ug/ml
4) T n-Dodecane (C12)	6.632	5184557	33.205 ug/ml
5) T A~2-methylnaphthalene...	7.264	5625836	35.336 ug/ml
6) T n-Tetradecane (C14)	8.460	5463347	35.073 ug/ml
7) T n-Hexadecane (C16)	10.068	5737619	36.232 ug/ml
8) T n-Octadecane (C18)	11.513	6061454	38.512 ug/ml
10) T n-Eicosane (C20)	12.826	6137383	40.570 ug/ml
11) T n-Heneicosane (C21)	13.438	5888281	40.042 ug/ml
13) T n-Docosane (C22)	14.026	5823890	39.843 ug/ml
14) T n-Tetracosane (C24)	15.129	12718823	87.696 ug/ml
15) T n-Hexacosane (C26)	16.155	5476456	38.199 ug/ml
16) T n-Octacosane (C28)	17.106	6686102	46.619 ug/mlm
17) T n-Tricontane (C30)	18.000	5313496	35.748 ug/ml
18) T n-Dotriacontane (C32)	18.834	5761833	38.525 ug/mlm
19) T n-Tetratriacontane (C34)	19.619	5283766	36.883 ug/ml
20) T n-Hexatriacontane (C36)	20.360	5302636	36.369 ug/mlm
21) T n-Octatriacontane (C38)	21.091	5454152	36.988 ug/ml
22) T n-Tetracontane (C40)	21.988	5627109	35.950 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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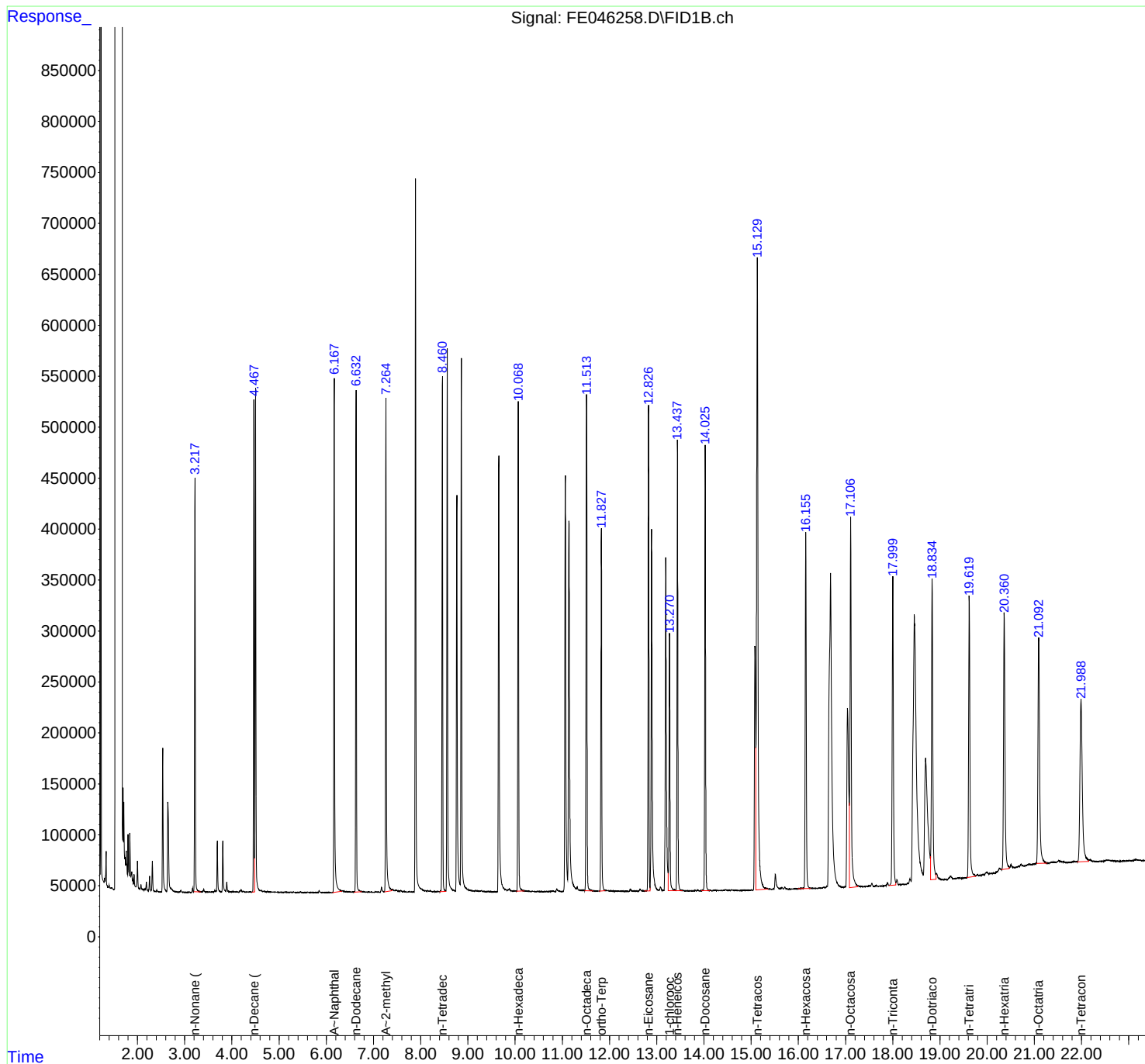
Response via : Initial Calibration

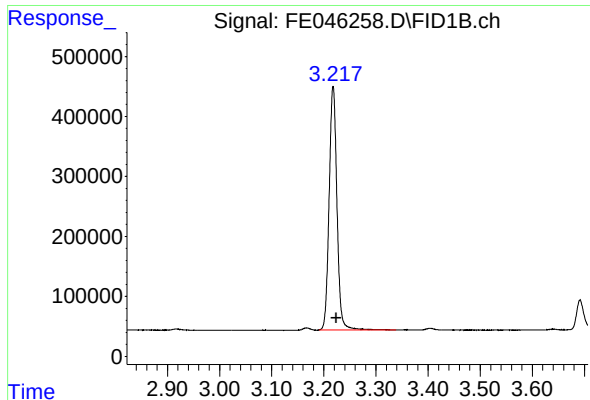
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.218 min
Delta R.T.: -0.006 min
Response: 4237428
Conc: 27.69 ug/ml

Instrument :

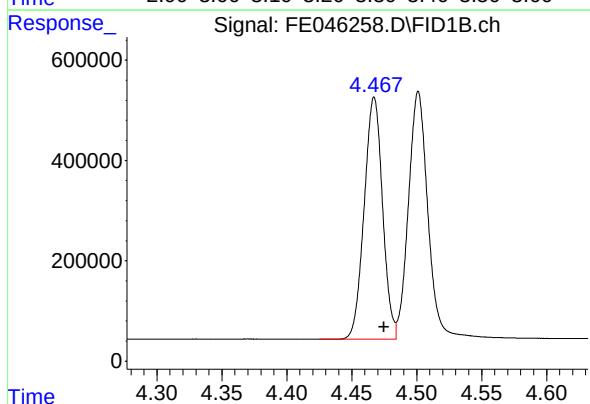
FID_E

ClientSampleId :

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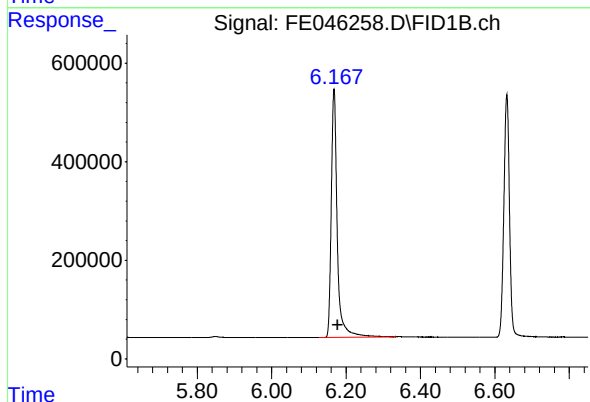
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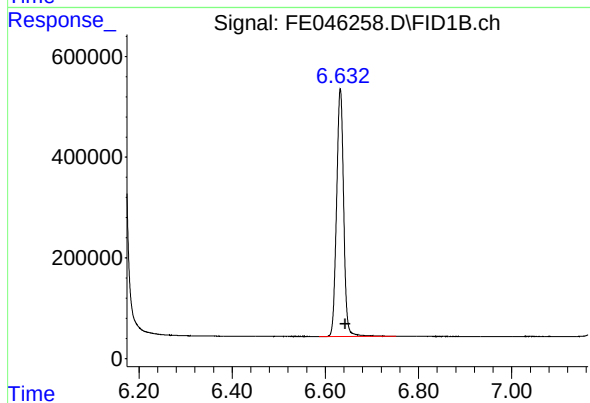
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: -0.007 min
Response: 4746898
Conc: 30.59 ug/ml



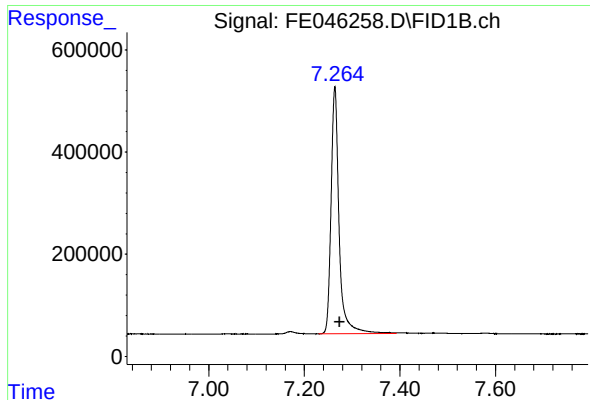
#3 A~Naphthalene (C11.7)

R.T.: 6.168 min
Delta R.T.: -0.009 min
Response: 5619359
Conc: 33.79 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.632 min
Delta R.T.: -0.010 min
Response: 5184557
Conc: 33.21 ug/ml



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

R.T.: 7.264 min
Delta R.T.: -0.010 min
Response: 5625836
Conc: 35.34 ug/ml

Instrument :

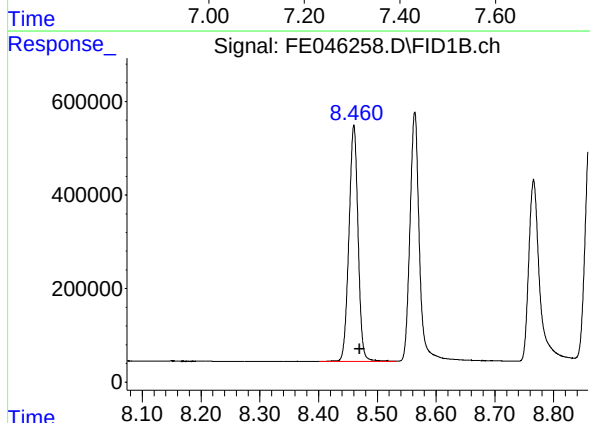
FID_E

ClientSampleId :

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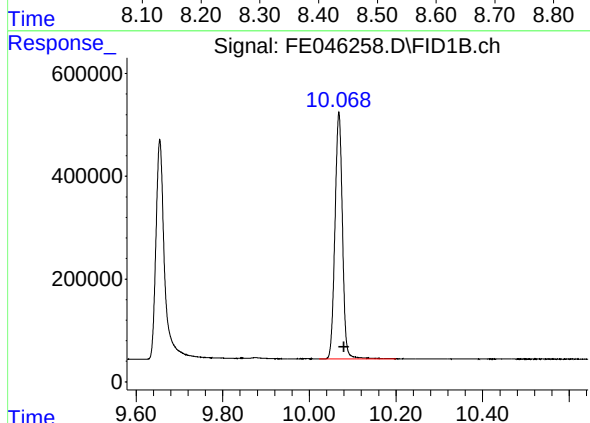
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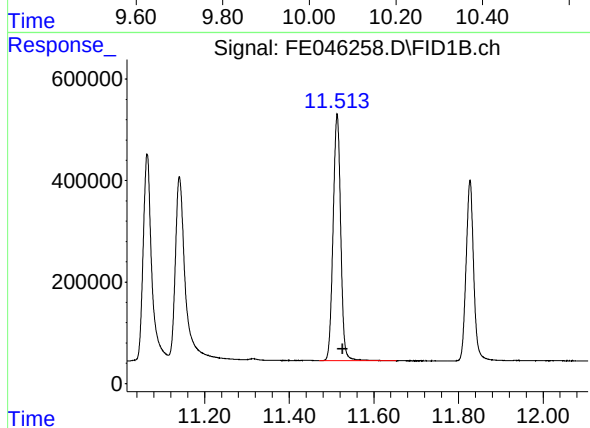
#6 n-Tetradecane (C14)

R.T.: 8.460 min
Delta R.T.: -0.010 min
Response: 5463347
Conc: 35.07 ug/ml



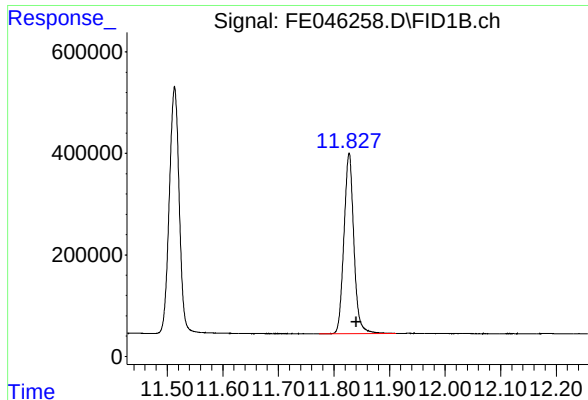
#7 n-Hexadecane (C16)

R.T.: 10.068 min
Delta R.T.: -0.012 min
Response: 5737619
Conc: 36.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.513 min
Delta R.T.: -0.013 min
Response: 6061454
Conc: 38.51 ug/ml



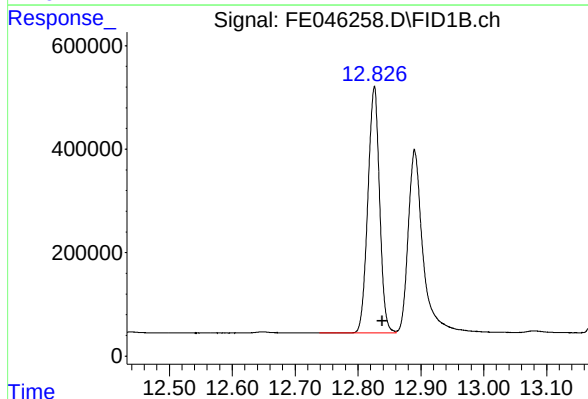
#9 ortho-Terphenyl (SURR)

R.T.: 11.827 min
Delta R.T.: -0.013 min
Response: 4395077
Conc: 24.19 ug/ml

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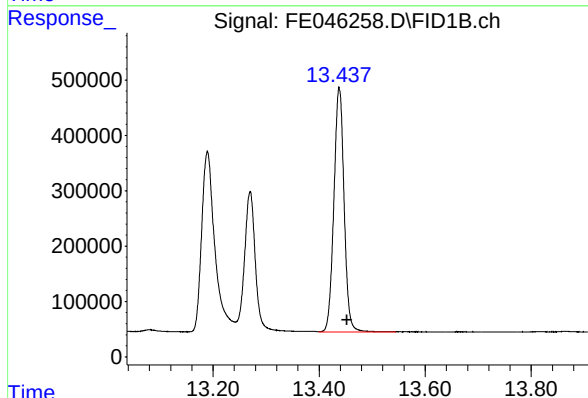
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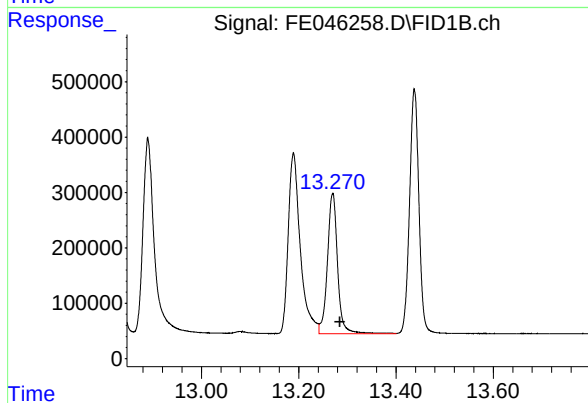
#10 n-Eicosane (C20)

R.T.: 12.826 min
Delta R.T.: -0.013 min
Response: 6137383
Conc: 40.57 ug/ml



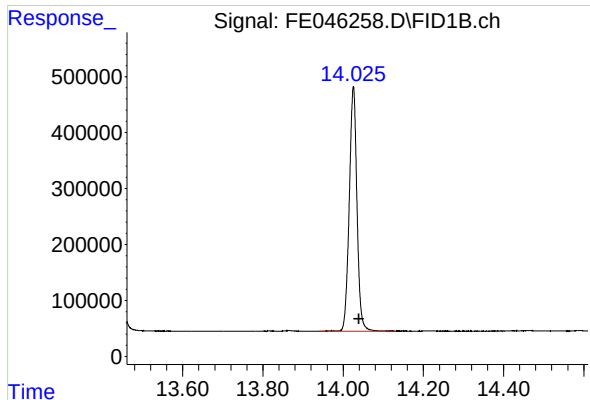
#11 n-Heneicosane (C21)

R.T.: 13.438 min
Delta R.T.: -0.015 min
Response: 5888281
Conc: 40.04 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.270 min
Delta R.T.: -0.014 min
Response: 3664301
Conc: 27.43 ug/ml



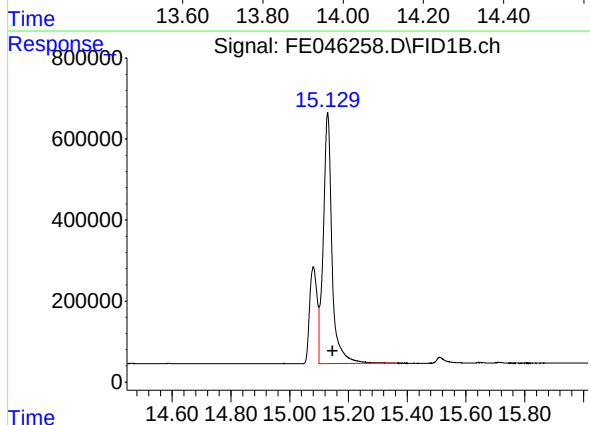
#13 n-Docosane (C22)

R.T.: 14.026 min
Delta R.T.: -0.014 min
Response: 5823890
Conc: 39.84 ug/ml

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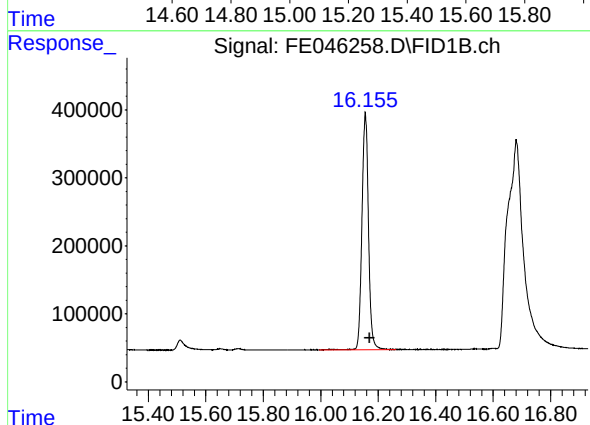
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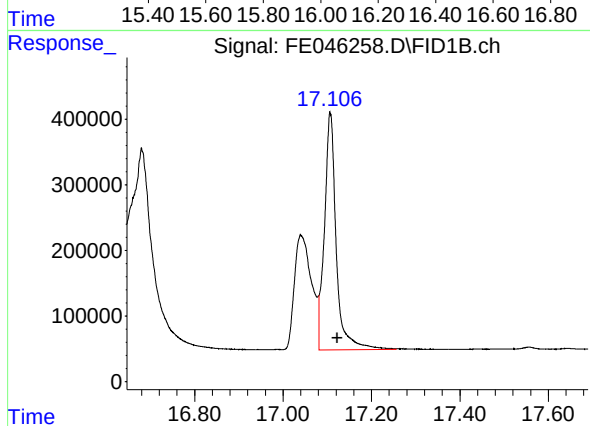
#14 n-Tetracosane (C24)

R.T.: 15.129 min
Delta R.T.: -0.016 min
Response: 12718823
Conc: 87.70 ug/ml



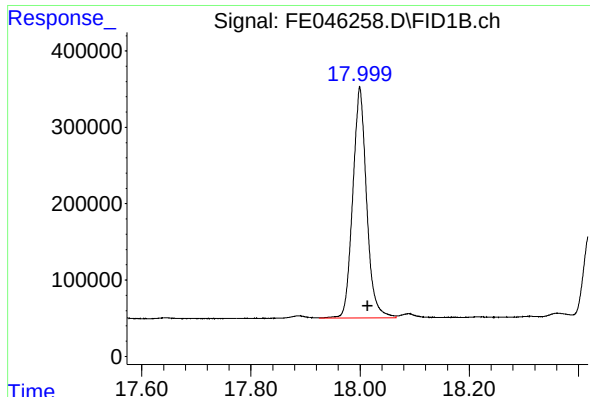
#15 n-Hexacosane (C26)

R.T.: 16.155 min
Delta R.T.: -0.015 min
Response: 5476456
Conc: 38.20 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.106 min
Delta R.T.: -0.017 min
Response: 6686102
Conc: 46.62 ug/ml m



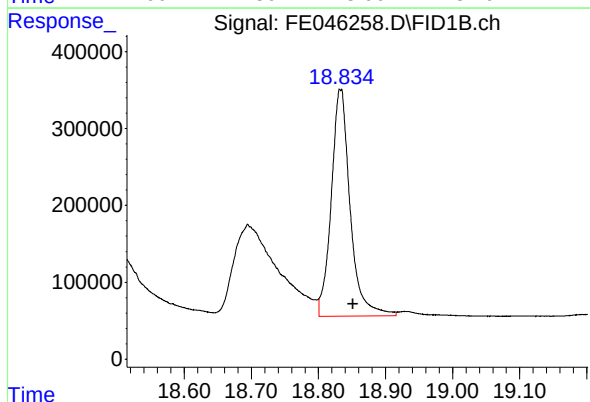
#17 n-Tricontane (C30)

R.T.: 18.000 min
Delta R.T.: -0.014 min
Response: 5313496
Conc: 35.75 ug/ml

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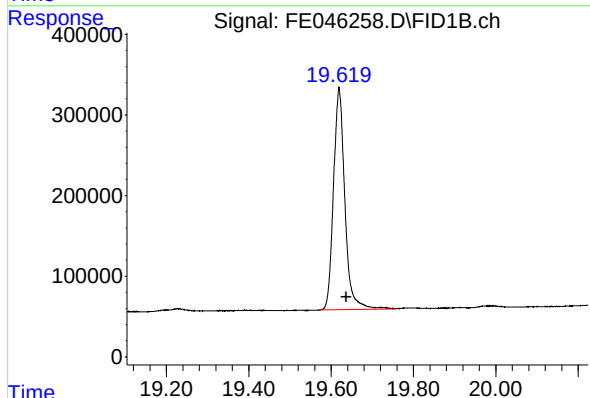
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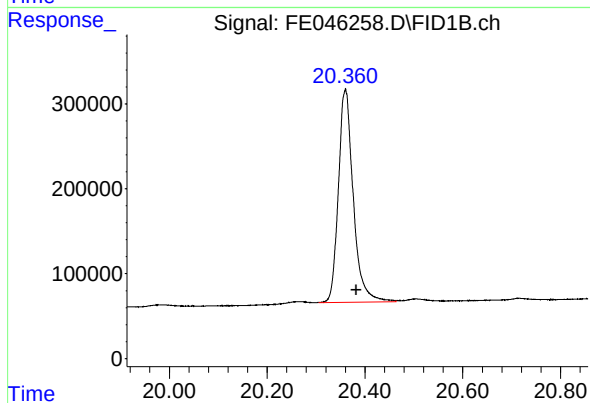
#18 n-Dotriacontane (C32)

R.T.: 18.834 min
Delta R.T.: -0.017 min
Response: 5761833
Conc: 38.52 ug/ml



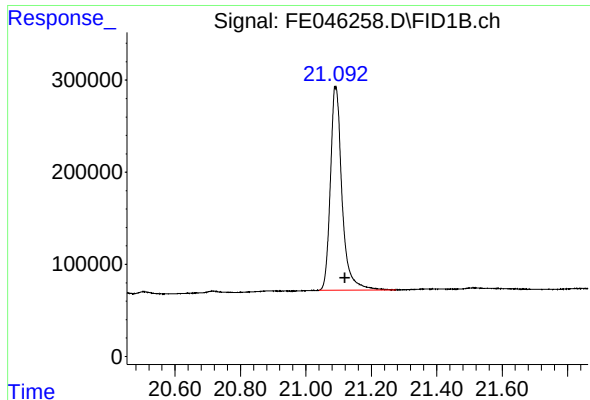
#19 n-Tetatriacontane (C34)

R.T.: 19.619 min
Delta R.T.: -0.017 min
Response: 5283766
Conc: 36.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.360 min
Delta R.T.: -0.022 min
Response: 5302636
Conc: 36.37 ug/ml



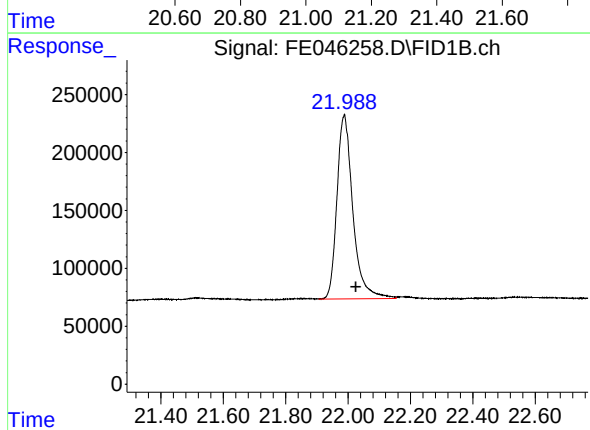
#21 n-Octatriacontane (C38)

R.T.: 21.091 min
Delta R.T.: -0.029 min
Response: 5454152
Conc: 36.99 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.988 min
Delta R.T.: -0.037 min
Response: 5627109
Conc: 35.95 ug/ml m