

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122623AL\
 Data File : FE045965.D
 Signal(s) : FID1B.ch
 Acq On : 26 Dec 2023 15:19
 Operator : YP\AJ
 Sample : 05994-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WC-A-COMPMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2023

Supervised By :Ankita Jodhani 12/28/2023

Integration File: autoint1.e

Quant Time: Dec 26 22:28:42 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M

Quant Title : GC Extractables

QLast Update : Thu Nov 30 12:25:07 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)	11.843	5559267	26.585 ug/ml
Spiked Amount 50.000		Recovery =	53.17%
12) S 1-chlorooctadecane (S...	13.286	4167462	26.486 ug/ml
Spiked Amount 50.000		Recovery =	52.97%
Target Compounds			
1) T n-Nonane (C9)	3.232	5171143	32.610 ug/ml
2) T n-Decane (C10)	4.482	6021172	37.601 ug/mlm
3) T A~Naphthalene (C11.7)	6.181	7259616	41.675 ug/ml
4) T n-Dodecane (C12)	6.647	6867355	42.515 ug/ml
5) T A~2-methylnaphthalene...	7.278	7443214	43.830 ug/ml
6) T n-Tetradecane (C14)	8.475	7368347	45.931 ug/ml
7) T n-Hexadecane (C16)	10.084	7670782	46.323 ug/ml
8) T n-Octadecane (C18)	11.531	7814285	45.578 ug/ml
10) T n-Eicosane (C20)	12.843	7726625	44.657 ug/ml
11) T n-Heneicosane (C21)	13.456	7330724	42.613 ug/ml
13) T n-Docosane (C22)	14.044	7227320	41.916 ug/ml
14) T n-Tetracosane (C24)	15.148	14440985	82.719 ug/ml
15) T n-Hexacosane (C26)	16.175	6772468	38.888 ug/ml
16) T n-Octacosane (C28)	17.127	7687655	44.480 ug/ml
17) T n-Tricontane (C30)	18.021	6692424	38.254 ug/ml
18) T n-Dotriacontane (C32)	18.855	6702044	36.737 ug/ml
19) T n-Tetratriacontane (C34)	19.642	6438471	38.802 ug/ml
20) T n-Hexatriacontane (C36)	20.386	6157065	38.788 ug/ml
21) T n-Octatriacontane (C38)	21.119	6294429	40.138 ug/mlm
22) T n-Tetracontane (C40)	22.028	6527674	45.932 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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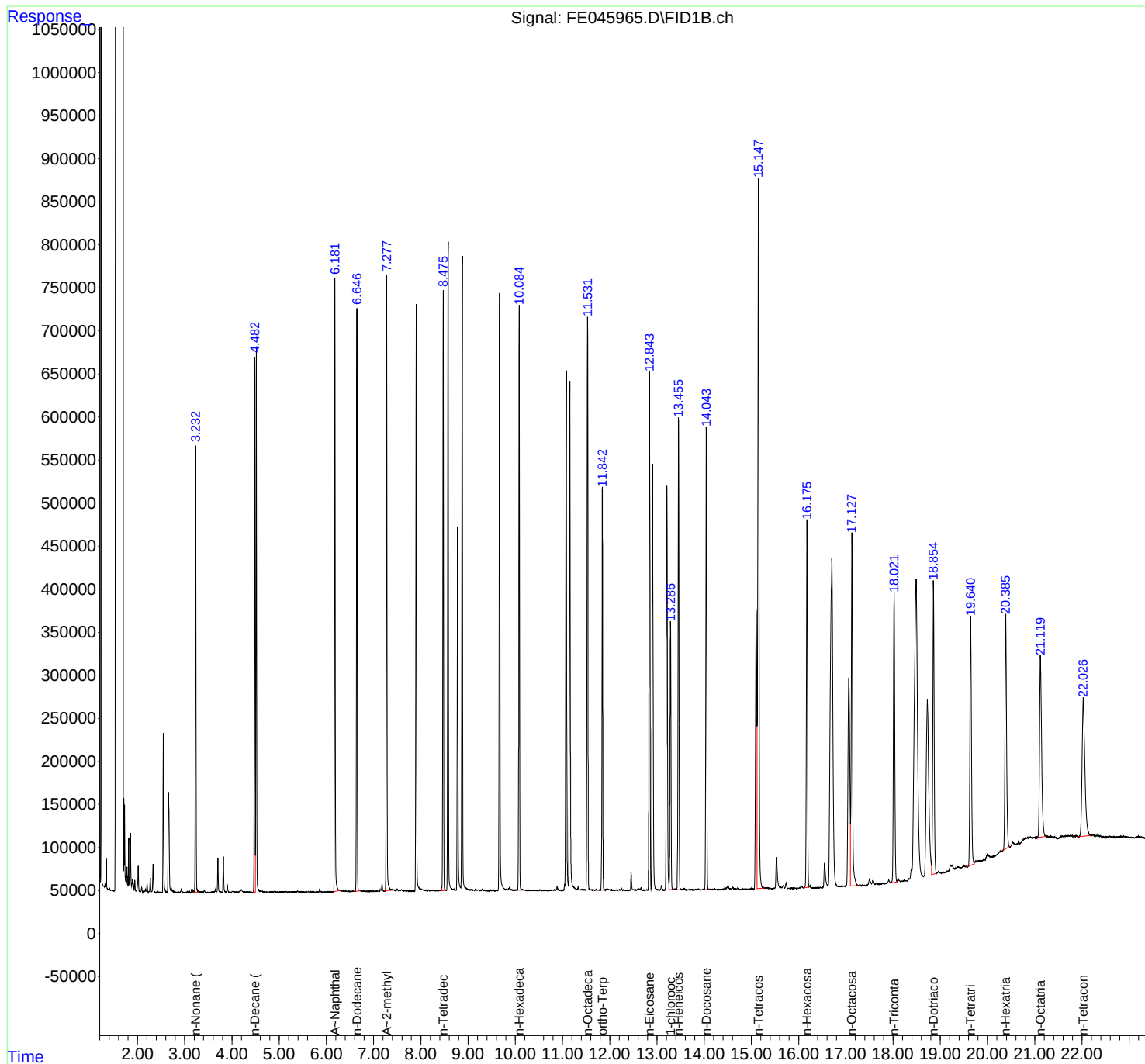
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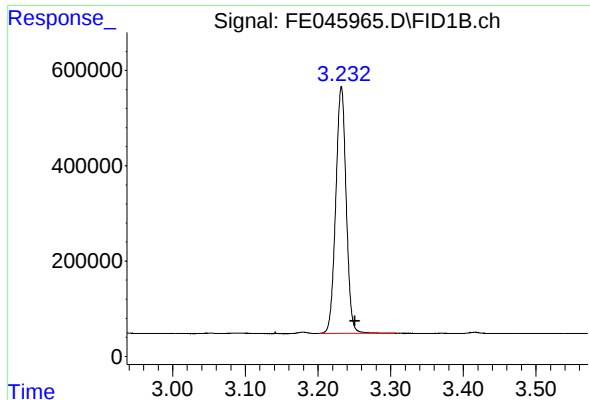
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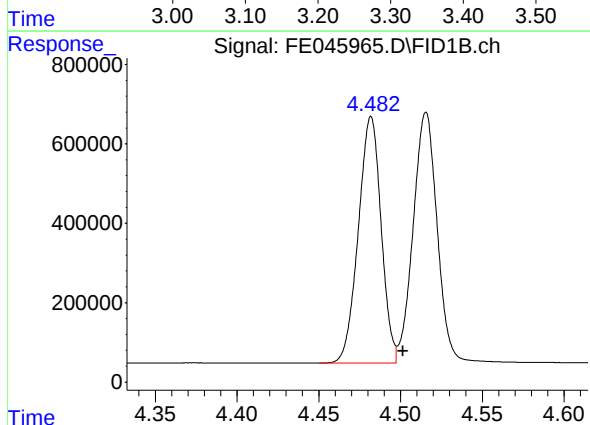
#1 n-Nonane (C9)

R.T.: 3.232 min
Delta R.T.: -0.019 min
Response: 5171143
Conc: 32.61 ug/ml

Instrument :
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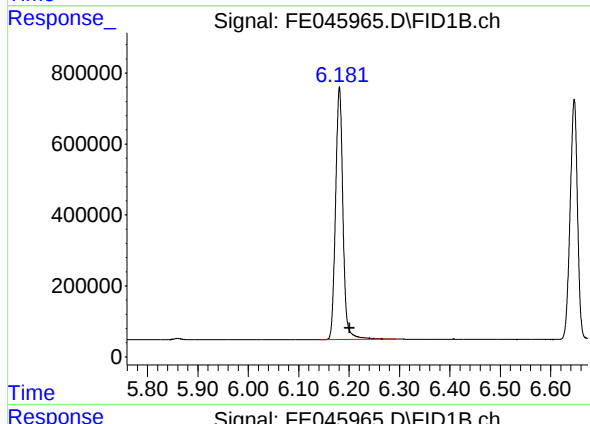
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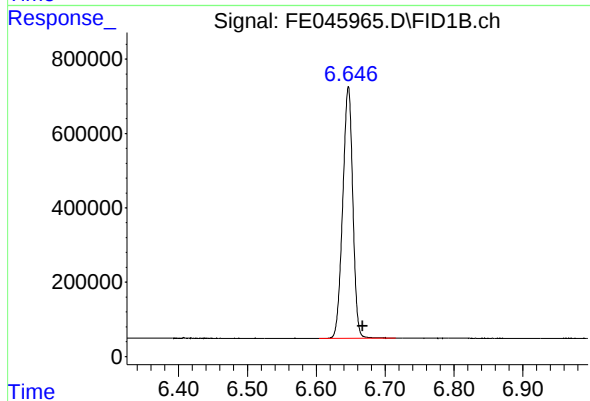
#2 n-Decane (C10)

R.T.: 4.482 min
Delta R.T.: -0.020 min
Response: 6021172
Conc: 37.60 ug/ml m



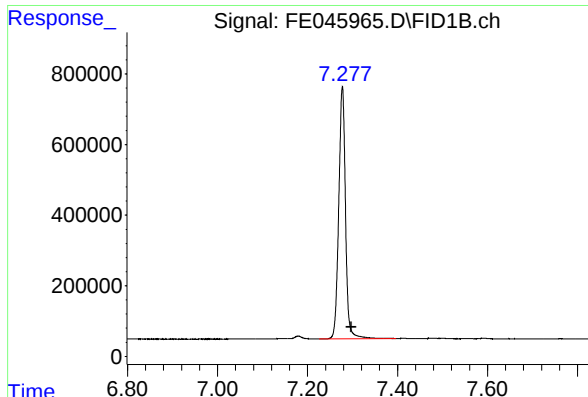
#3 A~Naphthalene (C11.7)

R.T.: 6.181 min
Delta R.T.: -0.021 min
Response: 7259616
Conc: 41.68 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.647 min
Delta R.T.: -0.020 min
Response: 6867355
Conc: 42.51 ug/ml



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

R.T.: 7.278 min
Delta R.T.: -0.020 min
Response: 7443214
Conc: 43.83 ug/ml

Instrument :

FID_E

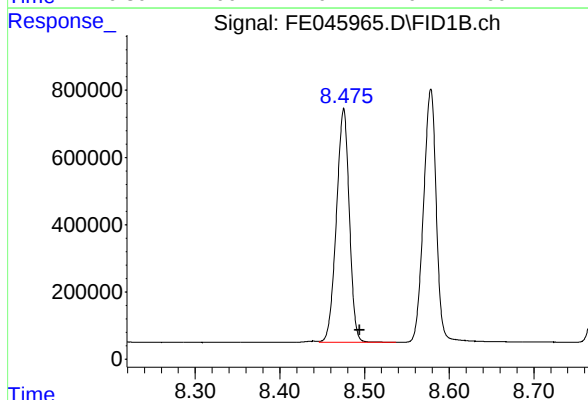
ClientSampleId :

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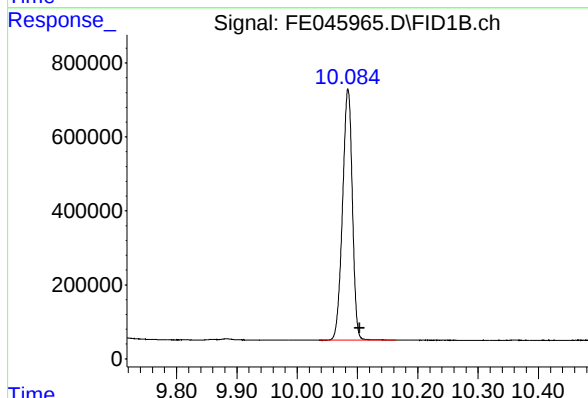
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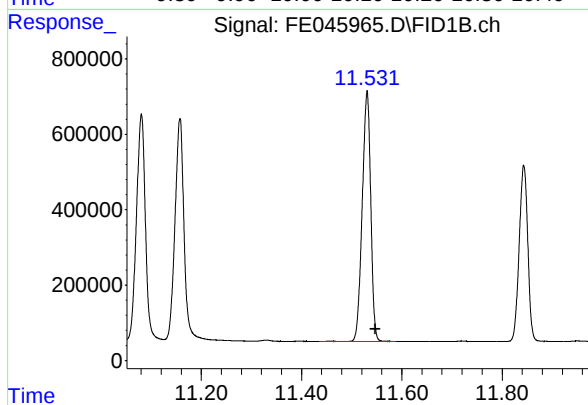
#6 n-Tetradecane (C14)

R.T.: 8.475 min
Delta R.T.: -0.019 min
Response: 7368347
Conc: 45.93 ug/ml



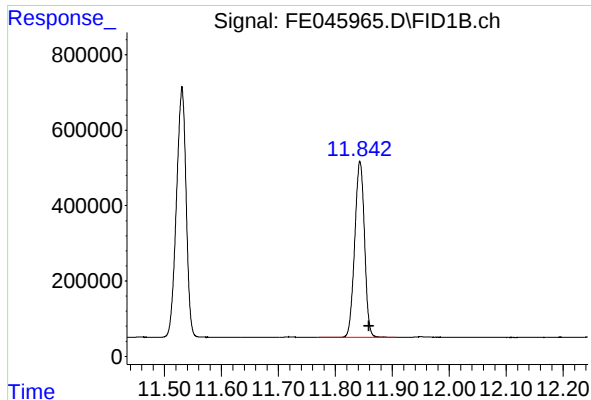
#7 n-Hexadecane (C16)

R.T.: 10.084 min
Delta R.T.: -0.020 min
Response: 7670782
Conc: 46.32 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.531 min
Delta R.T.: -0.017 min
Response: 7814285
Conc: 45.58 ug/ml



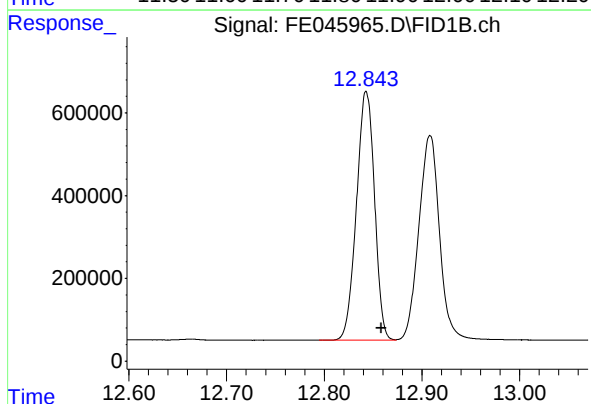
#9 ortho-Terphenyl (SURR)

R.T.: 11.843 min
Delta R.T.: -0.016 min
Response: 5559267
Conc: 26.58 ug/ml

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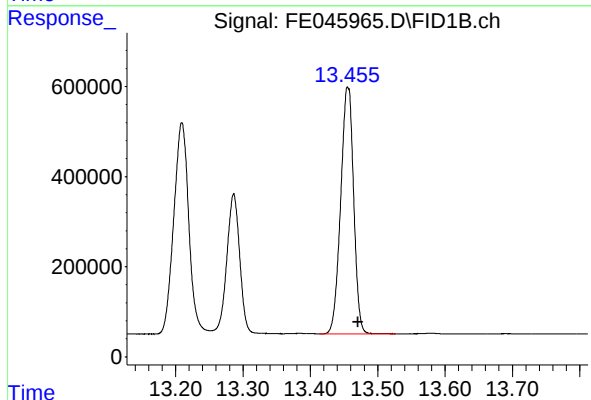
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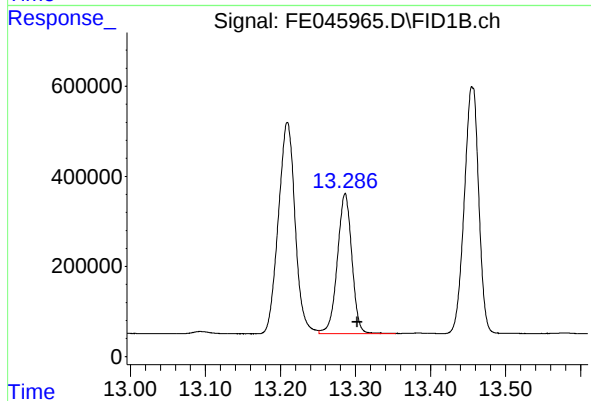
#10 n-Eicosane (C20)

R.T.: 12.843 min
Delta R.T.: -0.015 min
Response: 7726625
Conc: 44.66 ug/ml



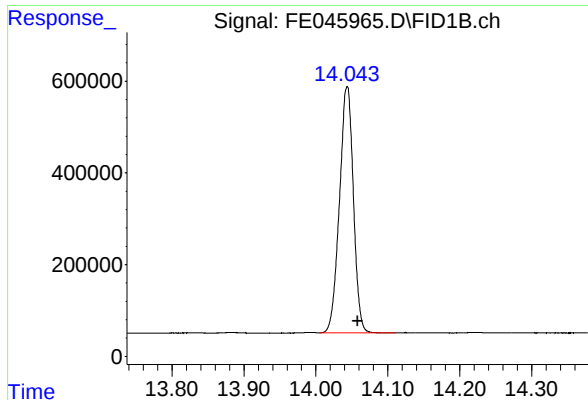
#11 n-Heneicosane (C21)

R.T.: 13.456 min
Delta R.T.: -0.015 min
Response: 7330724
Conc: 42.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.286 min
Delta R.T.: -0.017 min
Response: 4167462
Conc: 26.49 ug/ml



#13 n-Docosane (C22)

R.T.: 14.044 min
Delta R.T.: -0.015 min
Response: 7227320
Conc: 41.92 ug/ml

Instrument :

FID_E

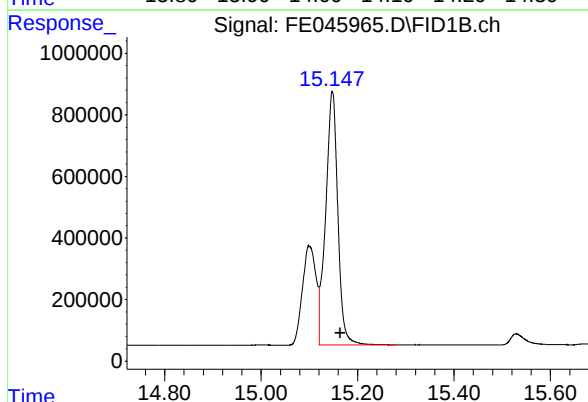
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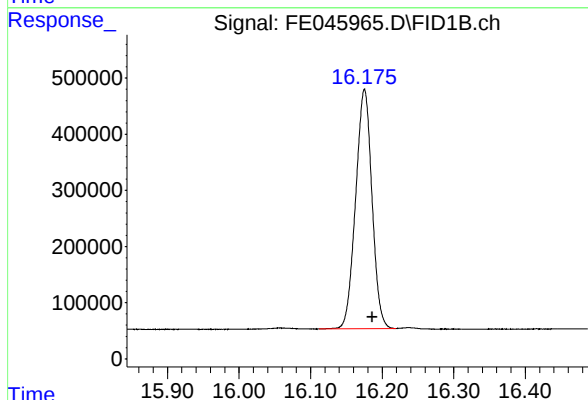
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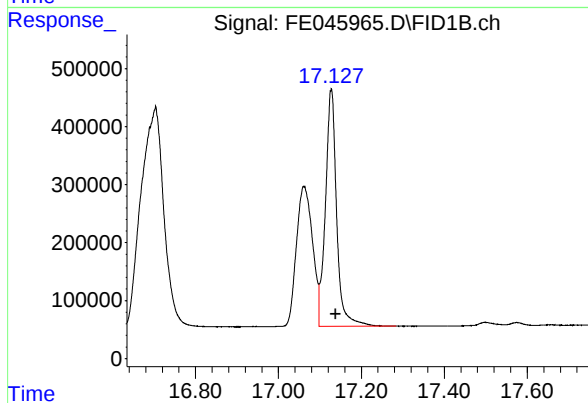
#14 n-Tetracosane (C24)

R.T.: 15.148 min
Delta R.T.: -0.016 min
Response: 14440985
Conc: 82.72 ug/ml



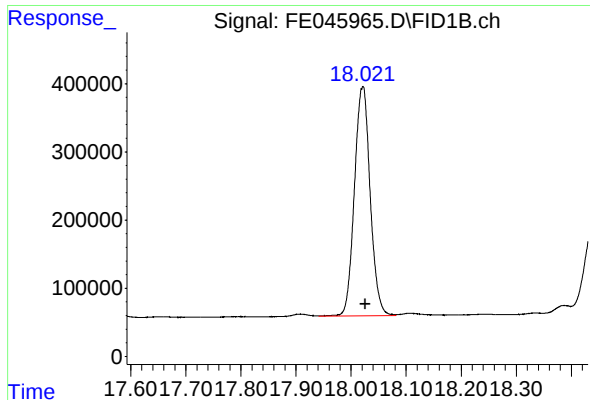
#15 n-Hexacosane (C26)

R.T.: 16.175 min
Delta R.T.: -0.011 min
Response: 6772468
Conc: 38.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.127 min
Delta R.T.: -0.011 min
Response: 7687655
Conc: 44.48 ug/ml



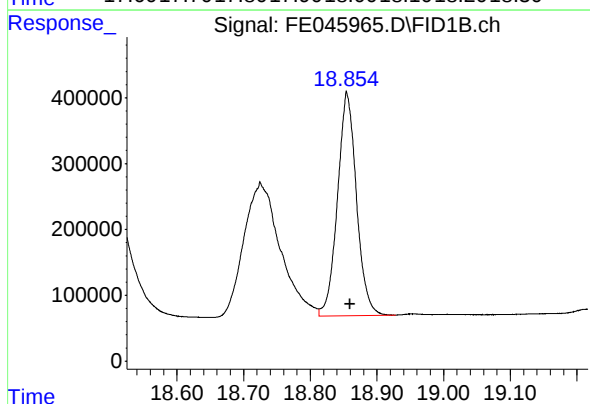
#17 n-Tricontane (C30)

R.T.: 18.021 min
Delta R.T.: -0.005 min
Response: 6692424
Conc: 38.25 ug/ml

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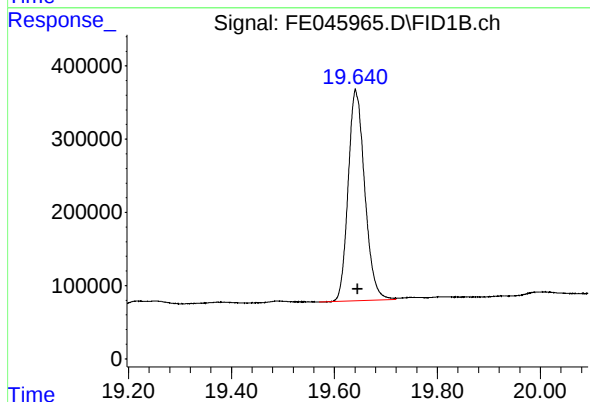
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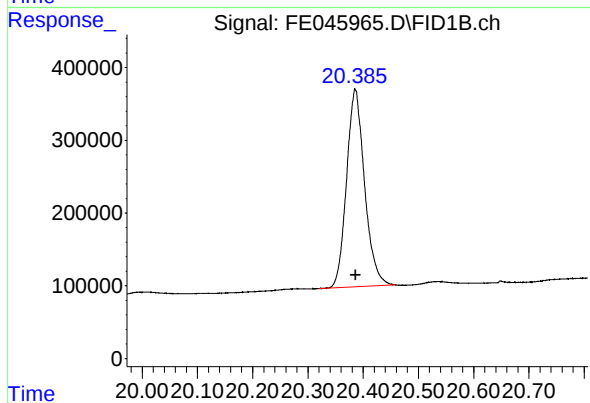
#18 n-Dotriacontane (C32)

R.T.: 18.855 min
Delta R.T.: -0.005 min
Response: 6702044
Conc: 36.74 ug/ml



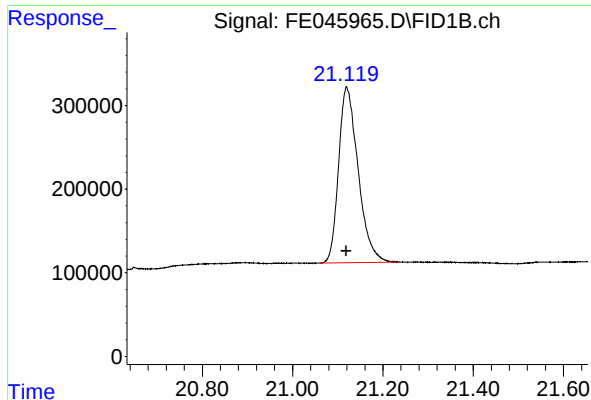
#19 n-Tetratriacontane (C34)

R.T.: 19.642 min
Delta R.T.: -0.003 min
Response: 6438471
Conc: 38.80 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.386 min
Delta R.T.: 0.000 min
Response: 6157065
Conc: 38.79 ug/ml



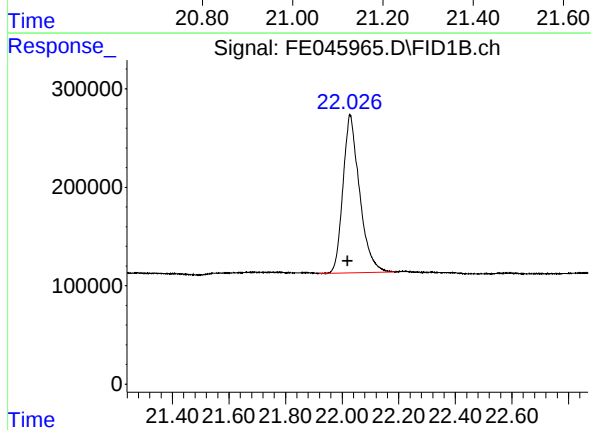
#21 n-Octatriacontane (C38)

R.T.: 21.119 min
Delta R.T.: 0.000 min
Response: 6294429
Conc: 40.14 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.028 min
Delta R.T.: 0.008 min
Response: 6527674
Conc: 45.93 ug/ml