

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111325AL\
 Data File : FE056816.D
 Signal(s) : FID1B.ch
 Acq On : 13 Nov 2025 13:29
 Operator : YP\AJ
 Sample : Q3604-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 S-1MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

Integration File: sample.E
 Quant Time: Nov 14 00:18:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 2025
 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)	11.951	5421688	25.952 ug/ml
Spiked Amount 50.000		Recovery =	51.90%
12) S 1-chlorooctadecane (S...	13.388	3651461	22.663 ug/ml
Spiked Amount 50.000		Recovery =	45.33%
Target Compounds			
1) T n-Nonane (C9)	3.315	3834918	22.832 ug/ml
2) T n-Decane (C10)	4.566	4298822	25.052 ug/mlm
3) T A~Naphthalene (C11.7)	6.280	5257392	28.482 ug/ml
4) T n-Dodecane (C12)	6.737	4661259	26.800 ug/ml
5) T A~2-methylnaphthalene...	7.379	4857067	27.407 ug/ml
6) T n-Tetradecane (C14)	8.571	4935118	28.273 ug/ml
7) T n-Hexadecane (C16)	10.182	5313585	29.043 ug/ml
8) T n-Octadecane (C18)	11.629	5584317	29.504 ug/ml
10) T n-Eicosane (C20)	12.942	5621191	30.163 ug/ml
11) T n-Heneicosane (C21)	13.555	5507514	29.951 ug/ml
13) T n-Docosane (C22)	14.143	5459748	29.165 ug/ml
14) T n-Tetracosane (C24)	15.249	11539436	58.916 ug/ml
15) T n-Hexacosane (C26)	16.273	5179216	26.651 ug/ml
16) T n-Octacosane (C28)	17.224	5350481	27.628 ug/ml
17) T n-Tricontane (C30)	18.116	4954245	24.710 ug/ml
18) T n-Dotriacontane (C32)	18.948	4890476	24.869 ug/ml
19) T n-Tetratriacontane (C34)	19.733	4713174	27.305 ug/ml
20) T n-Hexatriacontane (C36)	20.475	4663756	32.240 ug/ml
21) T n-Octatriacontane (C38)	21.224	4722012	37.518 ug/ml
22) T n-Tetracontane (C40)	22.161	4896225	42.350 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : Q3604-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

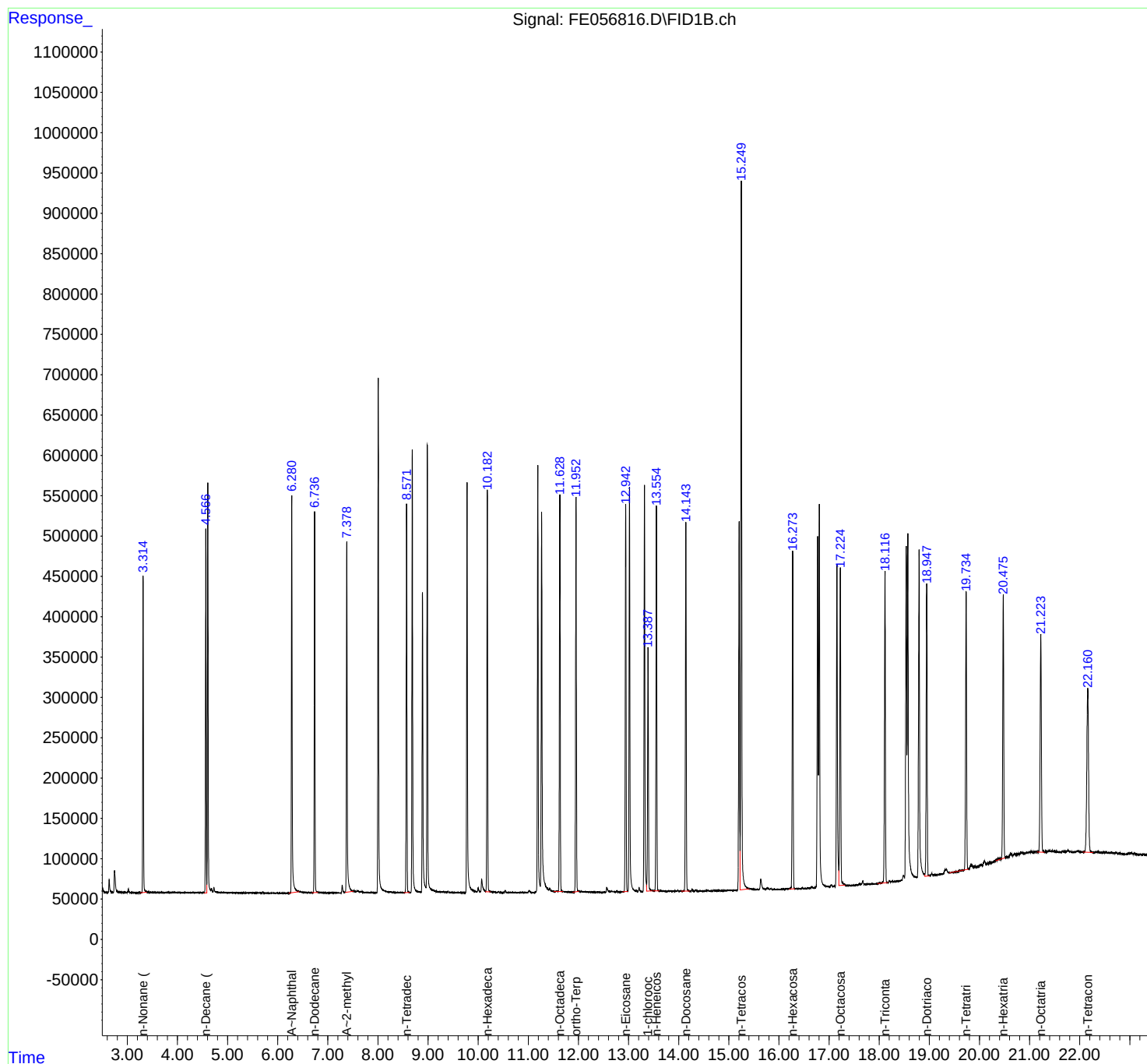
Instrument :
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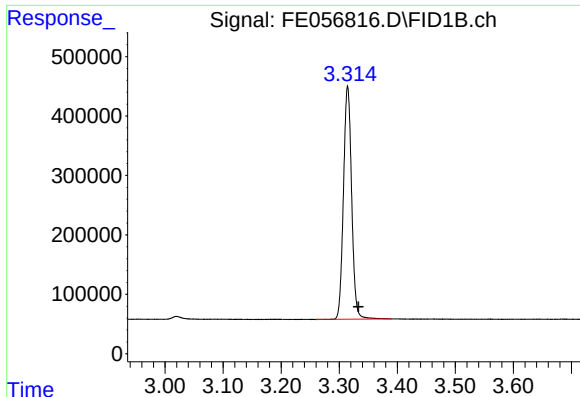
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#1 n-Nonane (C9)

R.T.: 3.315 min
Delta R.T.: -0.018 min
Response: 3834918
Conc: 22.83 ug/ml

Instrument :

FID_E

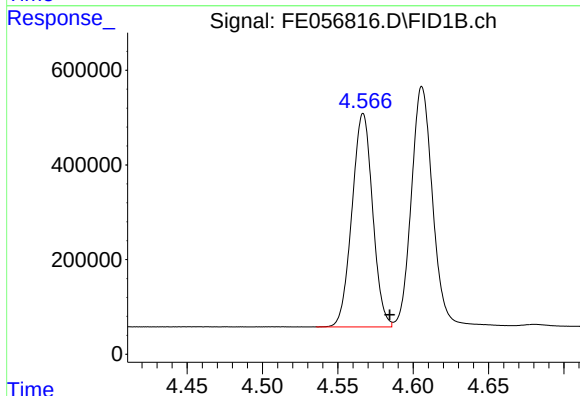
ClientSampleId :

S-1MS

Manual Integrations

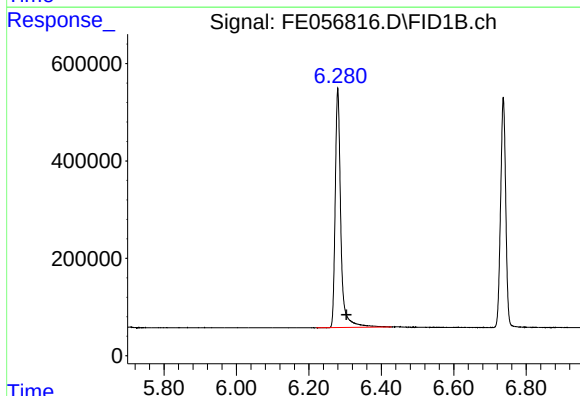
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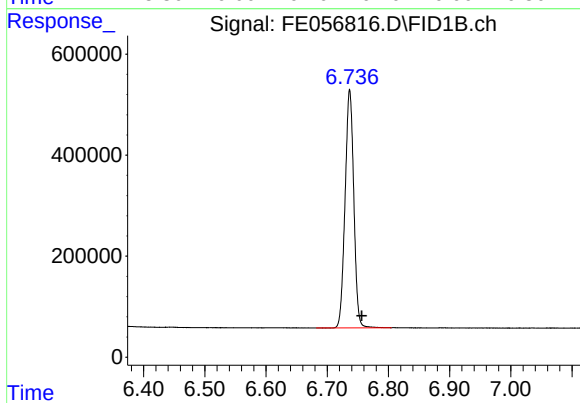
#2 n-Decane (C10)

R.T.: 4.566 min
Delta R.T.: -0.018 min
Response: 4298822
Conc: 25.05 ug/ml m



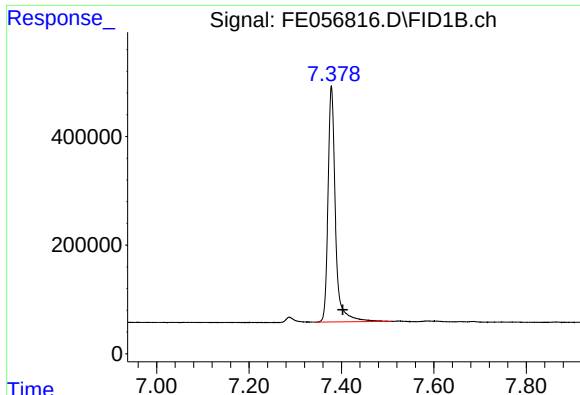
#3 A~Naphthalene (C11.7)

R.T.: 6.280 min
Delta R.T.: -0.023 min
Response: 5257392
Conc: 28.48 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.737 min
Delta R.T.: -0.020 min
Response: 4661259
Conc: 26.80 ug/ml



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

R.T.: 7.379 min
Delta R.T.: -0.024 min
Response: 4857067
Conc: 27.41 ug/ml

Instrument :

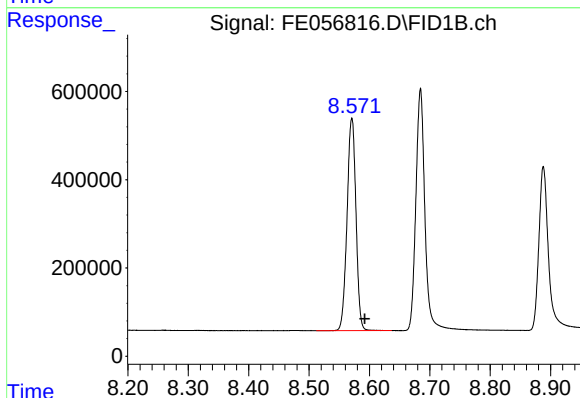
FID_E

ClientSampleId :

S-1MS

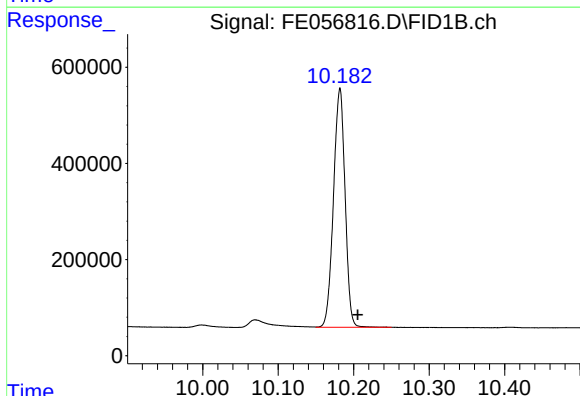
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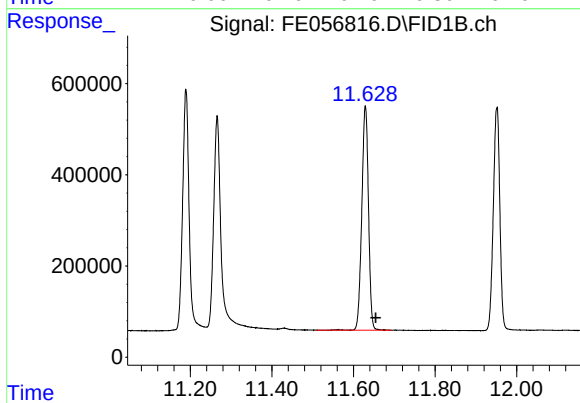
#6 n-Tetradecane (C14)

R.T.: 8.571 min
Delta R.T.: -0.021 min
Response: 4935118
Conc: 28.27 ug/ml



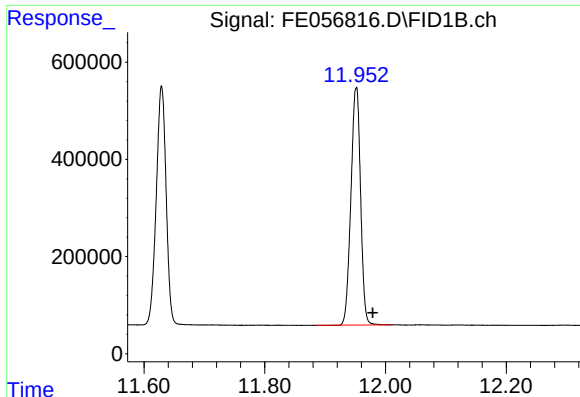
#7 n-Hexadecane (C16)

R.T.: 10.182 min
Delta R.T.: -0.024 min
Response: 5313585
Conc: 29.04 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.629 min
Delta R.T.: -0.025 min
Response: 5584317
Conc: 29.50 ug/ml



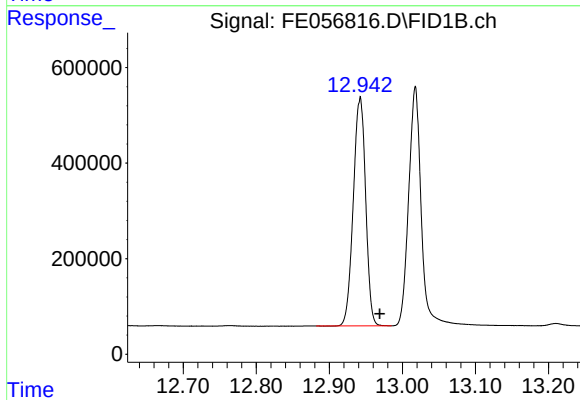
#9 ortho-Terphenyl (SURR)

R.T.: 11.951 min
Delta R.T.: -0.027 min
Response: 5421688
Conc: 25.95 ug/ml

Instrument :
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S-1MS

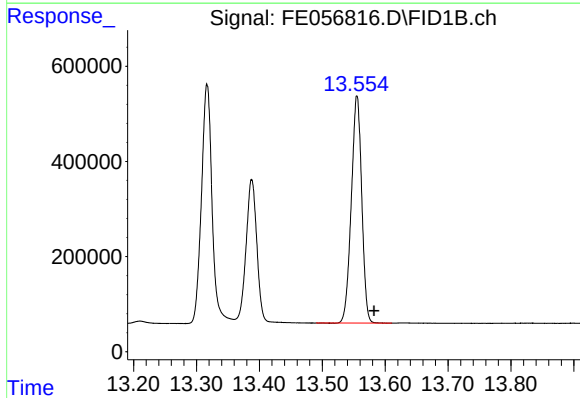
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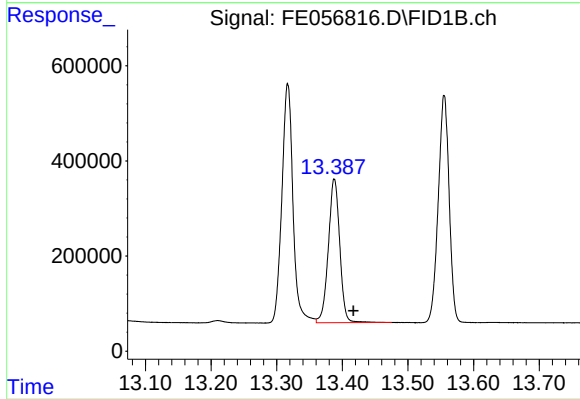
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: -0.027 min
Response: 5621191
Conc: 30.16 ug/ml



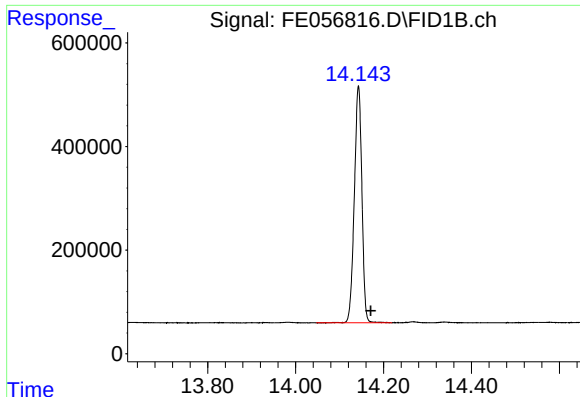
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: -0.027 min
Response: 5507514
Conc: 29.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.388 min
Delta R.T.: -0.029 min
Response: 3651461
Conc: 22.66 ug/ml



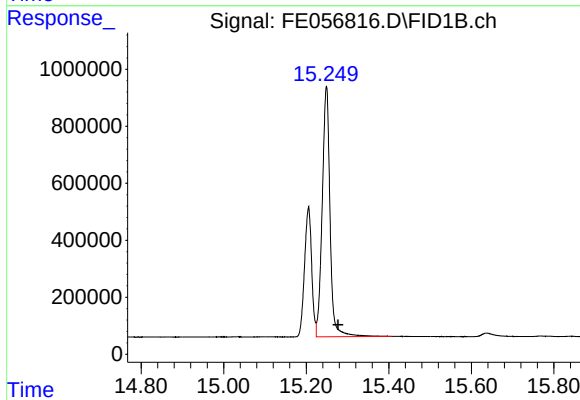
#13 n-Docosane (C22)

R.T.: 14.143 min
Delta R.T.: -0.028 min
Response: 5459748
Conc: 29.17 ug/ml

Instrument :
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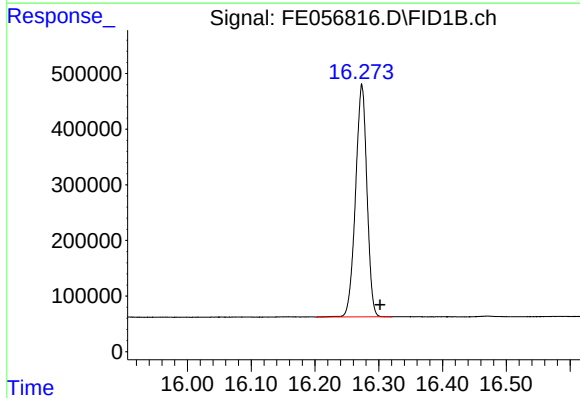
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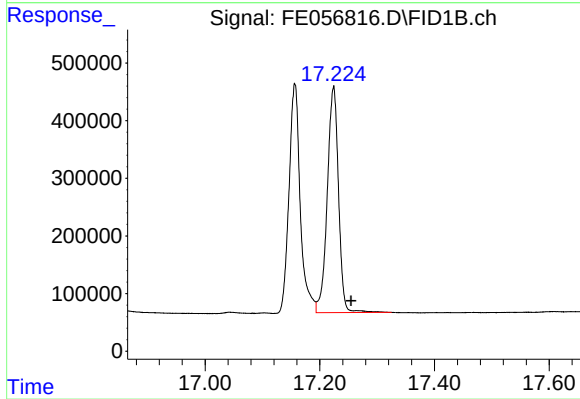
#14 n-Tetracosane (C24)

R.T.: 15.249 min
Delta R.T.: -0.029 min
Response: 11539436
Conc: 58.92 ug/ml



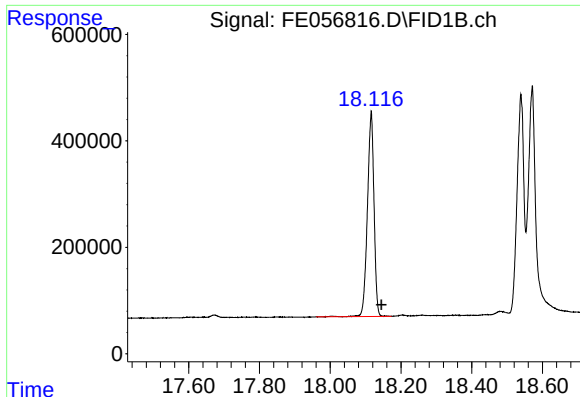
#15 n-Hexacosane (C26)

R.T.: 16.273 min
Delta R.T.: -0.029 min
Response: 5179216
Conc: 26.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.224 min
Delta R.T.: -0.031 min
Response: 5350481
Conc: 27.63 ug/ml



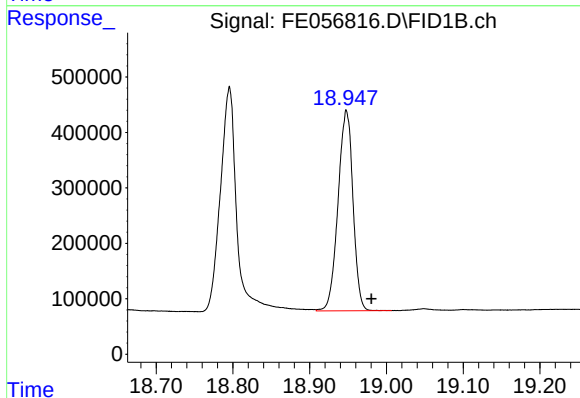
#17 n-Tricontane (C30)

R.T.: 18.116 min
Delta R.T.: -0.029 min
Response: 4954245
Conc: 24.71 ug/ml

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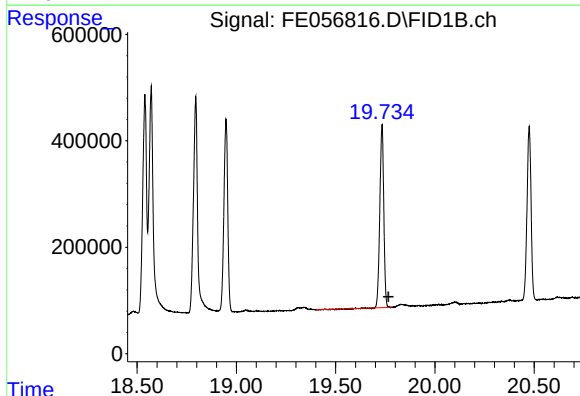
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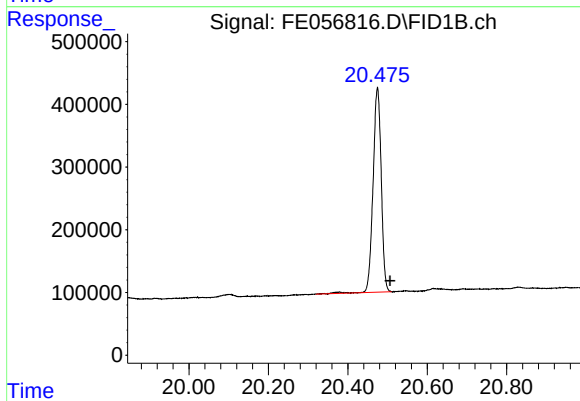
#18 n-Dotriacontane (C32)

R.T.: 18.948 min
Delta R.T.: -0.033 min
Response: 4890476
Conc: 24.87 ug/ml



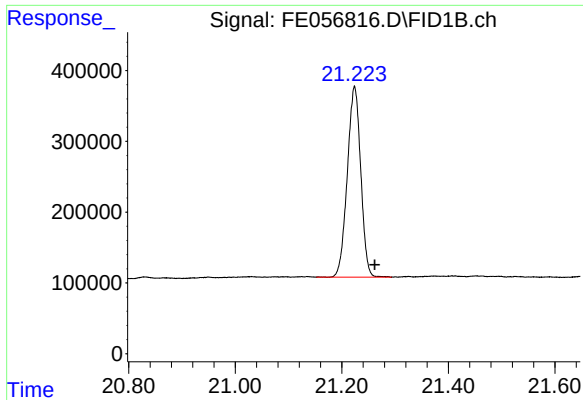
#19 n-Tetratriacontane (C34)

R.T.: 19.733 min
Delta R.T.: -0.031 min
Response: 4713174
Conc: 27.31 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.475 min
Delta R.T.: -0.032 min
Response: 4663756
Conc: 32.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.224 min
Delta R.T.: -0.038 min
Response: 4722012
Conc: 37.52 ug/ml

Instrument :

FID_E

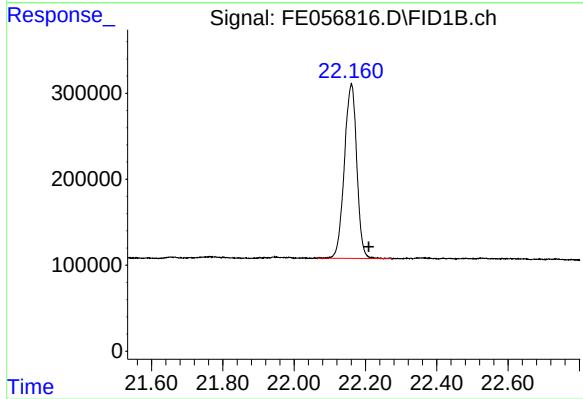
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#22 n-Tetracontane (C40)

R.T.: 22.161 min
Delta R.T.: -0.048 min
Response: 4896225
Conc: 42.35 ug/ml