

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111125AL\
 Data File : FE056747.D
 Signal(s) : FID1B.ch
 Acq On : 11 Nov 2025 23:45
 Operator : YP\AJ
 Sample : Q3581-01MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

VNJ-238MS

Manual Integrations**APPROVED**

Reviewed By :Rahul Chavli 11/12/2025

Supervised By :Yogesh Patel 11/12/2025

Integration File: sample.E

Quant Time: Nov 12 01:43:58 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)	11.957	7010087	33.555 ug/ml
Spiked Amount 50.000		Recovery =	67.11%
12) S 1-chlorooctadecane (S...	13.394	4908552	30.466 ug/ml
Spiked Amount 50.000		Recovery =	60.93%
Target Compounds			
1) T n-Nonane (C9)	3.320	4243943	25.267 ug/ml
2) T n-Decane (C10)	4.572	4784514	27.883 ug/mlm
3) T A~Naphthalene (C11.7)	6.285	5922456	32.085 ug/ml
4) T n-Dodecane (C12)	6.742	5203539	29.917 ug/ml
5) T A~2-methylnaphthalene...	7.383	5498962	31.029 ug/ml
6) T n-Tetradecane (C14)	8.576	5536455	31.718 ug/ml
7) T n-Hexadecane (C16)	10.187	5950197	32.522 ug/ml
8) T n-Octadecane (C18)	11.634	6237320	32.954 ug/ml
10) T n-Eicosane (C20)	12.947	6294572	33.776 ug/ml
11) T n-Heneicosane (C21)	13.561	6185926	33.641 ug/ml
13) T n-Docosane (C22)	14.148	6153228	32.870 ug/ml
14) T n-Tetracosane (C24)	15.254	12885400	65.787 ug/ml
15) T n-Hexacosane (C26)	16.278	5812206	29.908 ug/ml
16) T n-Octacosane (C28)	17.228	5963420	30.793 ug/mlm
17) T n-Tricontane (C30)	18.120	5530339	27.583 ug/ml
18) T n-Dotriacontane (C32)	18.952	5352944	27.221 ug/ml
19) T n-Tetratriacontane (C34)	19.736	5190282	30.069 ug/mlm
20) T n-Hexatriacontane (C36)	20.478	4912427	33.959 ug/mlm
21) T n-Octatriacontane (C38)	21.228	4890866	38.859 ug/mlm
22) T n-Tetracontane (C40)	22.163	4988048	43.144 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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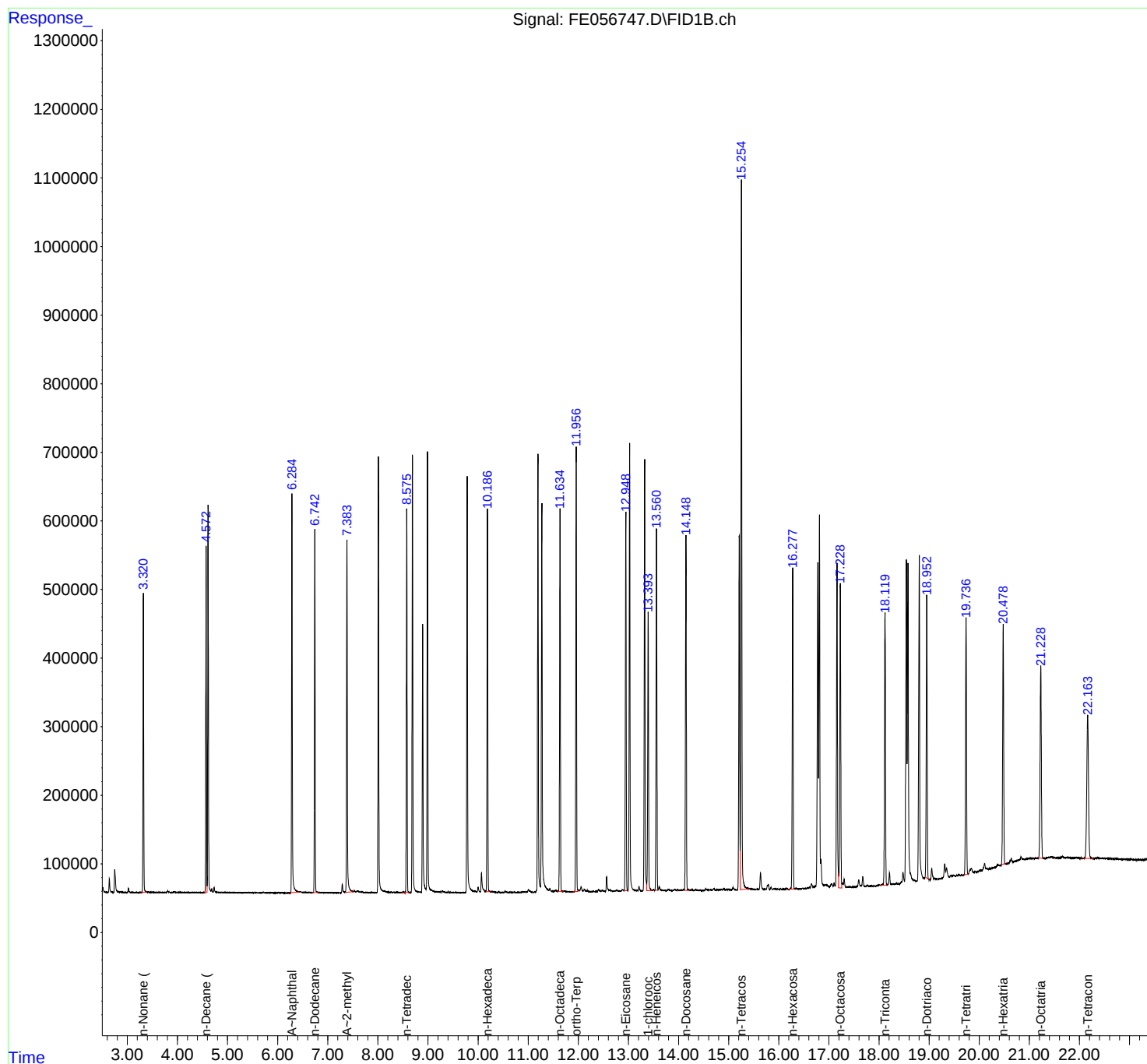
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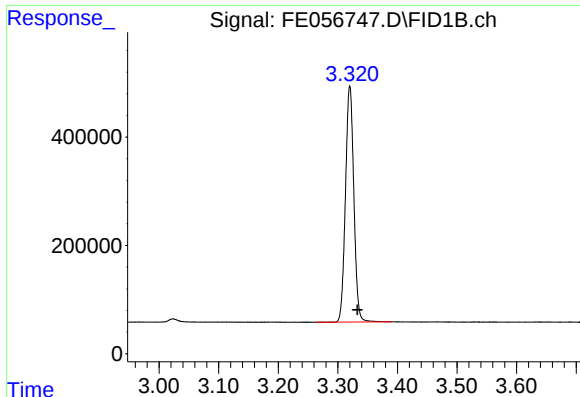
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.320 min
Delta R.T.: -0.013 min
Response: 4243943
Conc: 25.27 ug/ml

Instrument :

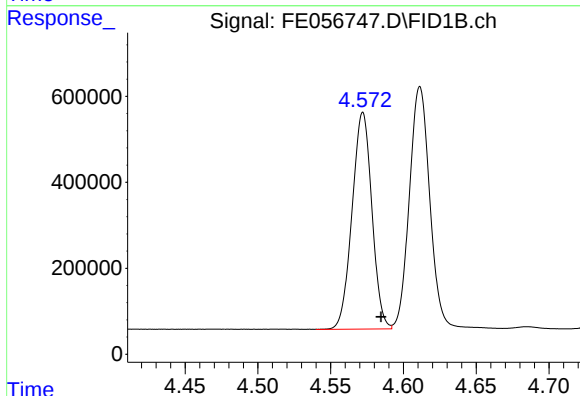
FID_E

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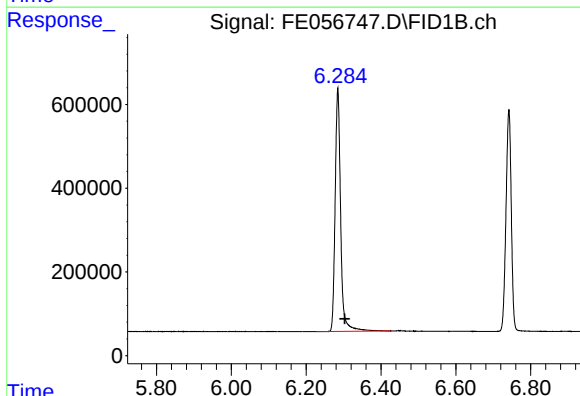
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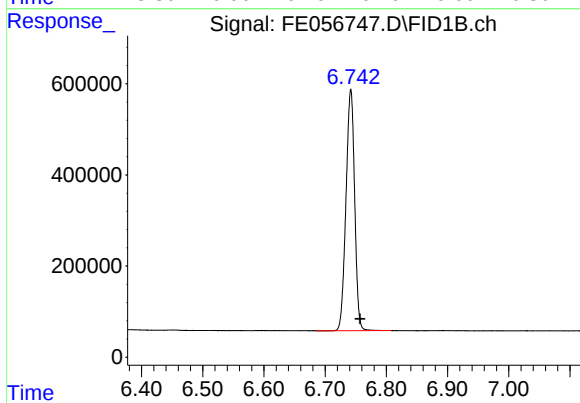
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: -0.013 min
Response: 4784514
Conc: 27.88 ug/ml m



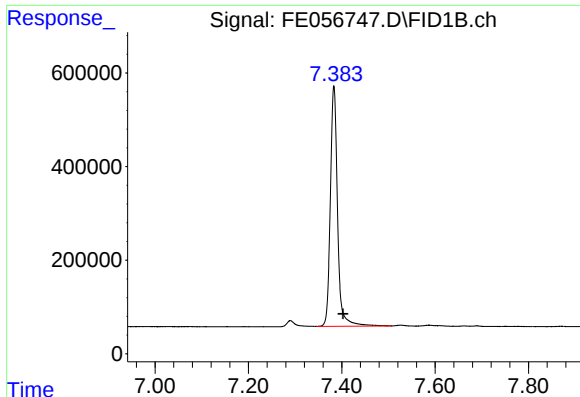
#3 A~Naphthalene (C11.7)

R.T.: 6.285 min
Delta R.T.: -0.019 min
Response: 5922456
Conc: 32.09 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.742 min
Delta R.T.: -0.015 min
Response: 5203539
Conc: 29.92 ug/ml



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

R.T.: 7.383 min
Delta R.T.: -0.020 min
Response: 5498962
Conc: 31.03 ug/ml

Instrument :

FID_E

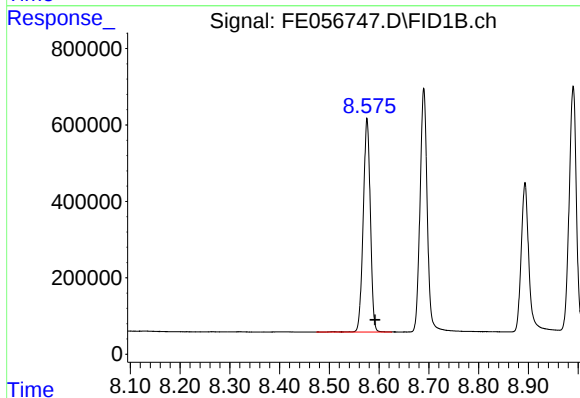
ClientSampleId :

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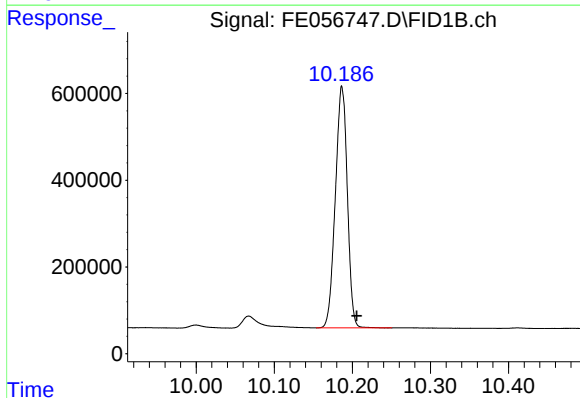
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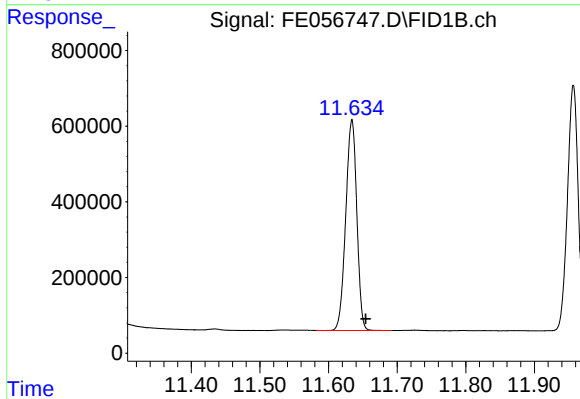
#6 n-Tetradecane (C14)

R.T.: 8.576 min
Delta R.T.: -0.016 min
Response: 5536455
Conc: 31.72 ug/ml



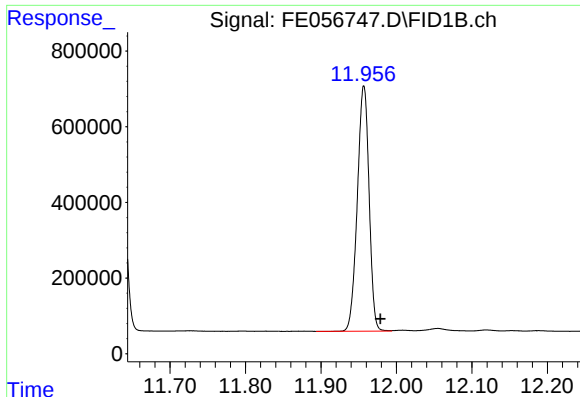
#7 n-Hexadecane (C16)

R.T.: 10.187 min
Delta R.T.: -0.019 min
Response: 5950197
Conc: 32.52 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.634 min
Delta R.T.: -0.020 min
Response: 6237320
Conc: 32.95 ug/ml



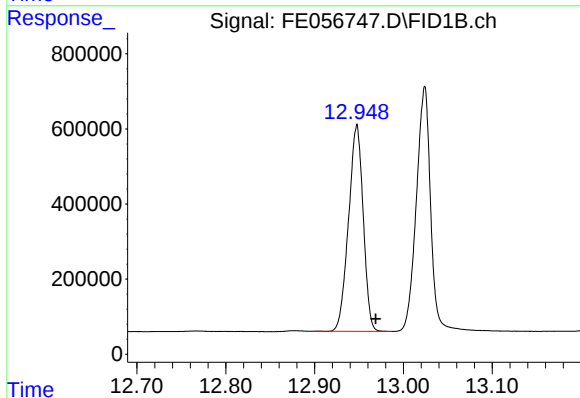
#9 ortho-Terphenyl (SURR)

R.T.: 11.957 min
Delta R.T.: -0.022 min
Response: 7010087
Conc: 33.56 ug/ml

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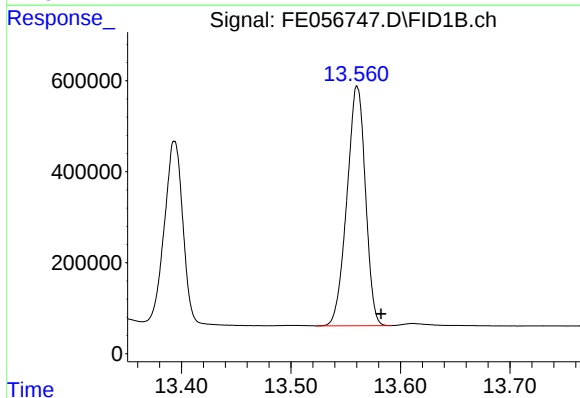
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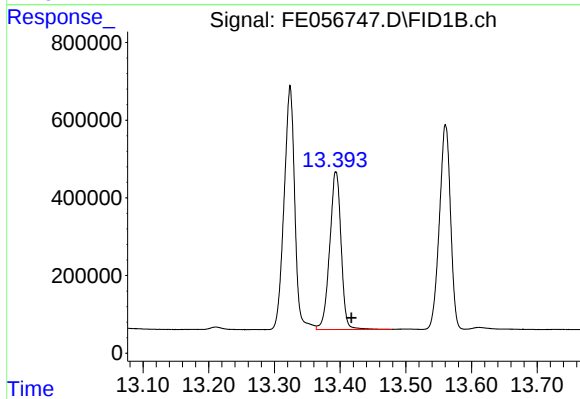
#10 n-Eicosane (C20)

R.T.: 12.947 min
Delta R.T.: -0.021 min
Response: 6294572
Conc: 33.78 ug/ml



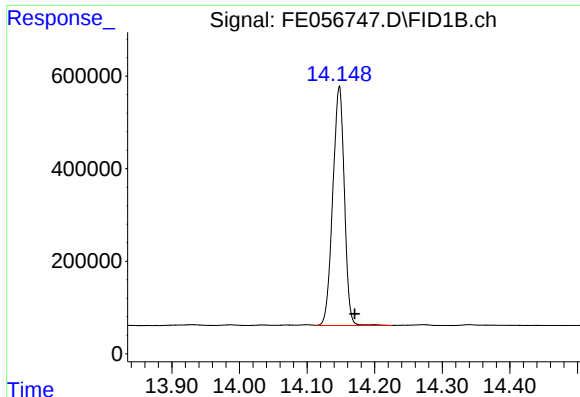
#11 n-Heneicosane (C21)

R.T.: 13.561 min
Delta R.T.: -0.022 min
Response: 6185926
Conc: 33.64 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.394 min
Delta R.T.: -0.024 min
Response: 4908552
Conc: 30.47 ug/ml



#13 n-Docosane (C22)

R.T.: 14.148 min
Delta R.T.: -0.023 min
Response: 6153228
Conc: 32.87 ug/ml

Instrument :

FID_E

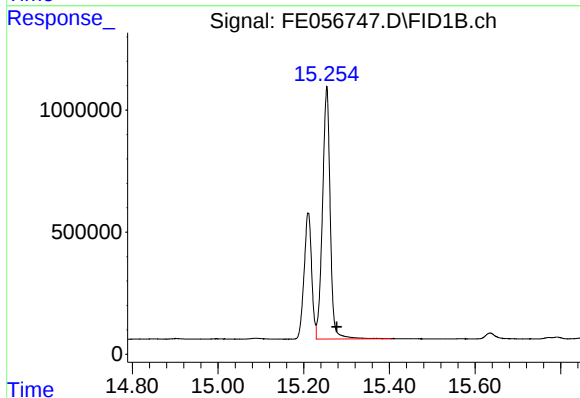
ClientSampleId :

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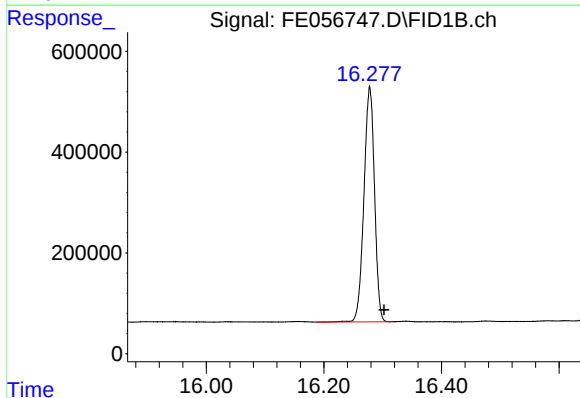
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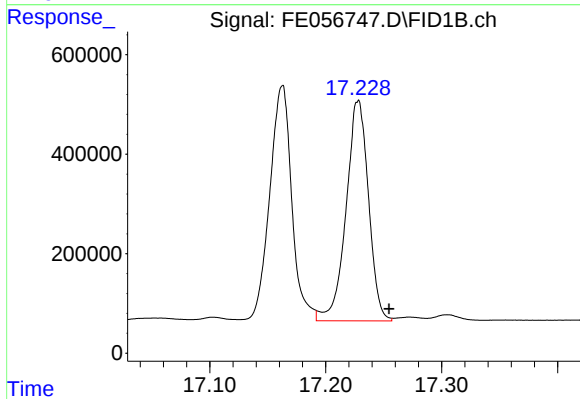
#14 n-Tetracosane (C24)

R.T.: 15.254 min
Delta R.T.: -0.024 min
Response: 12885400
Conc: 65.79 ug/ml



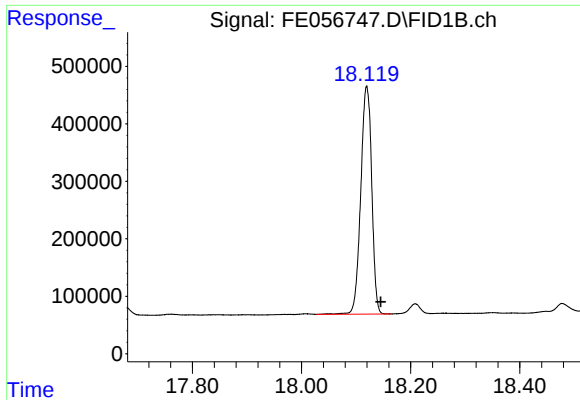
#15 n-Hexacosane (C26)

R.T.: 16.278 min
Delta R.T.: -0.024 min
Response: 5812206
Conc: 29.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.228 min
Delta R.T.: -0.026 min
Response: 5963420
Conc: 30.79 ug/ml m



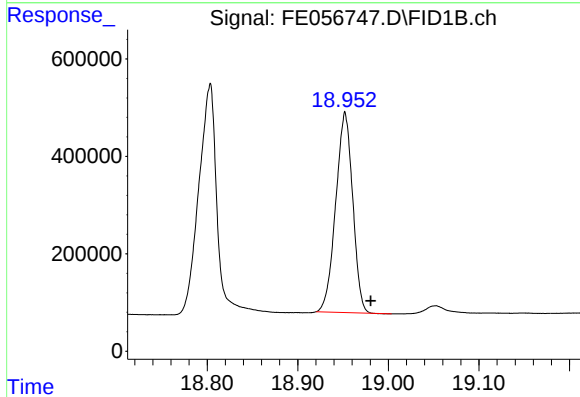
#17 n-Tricontane (C30)

R.T.: 18.120 min
Delta R.T.: -0.025 min
Response: 5530339
Conc: 27.58 ug/ml

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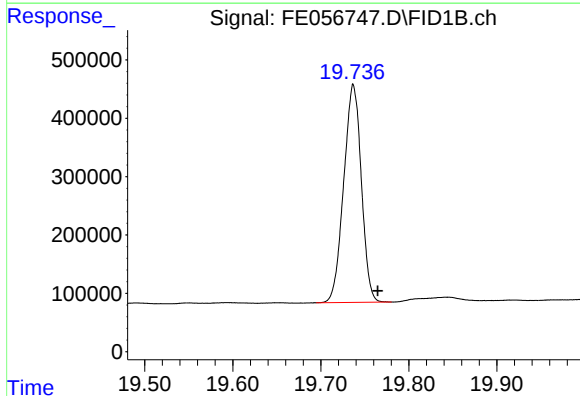
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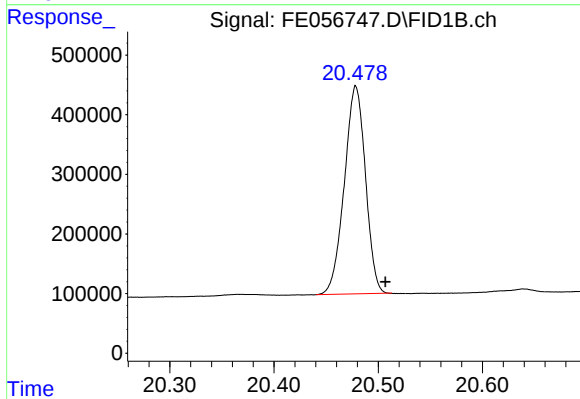
#18 n-Dotriacontane (C32)

R.T.: 18.952 min
Delta R.T.: -0.028 min
Response: 5352944
Conc: 27.22 ug/ml



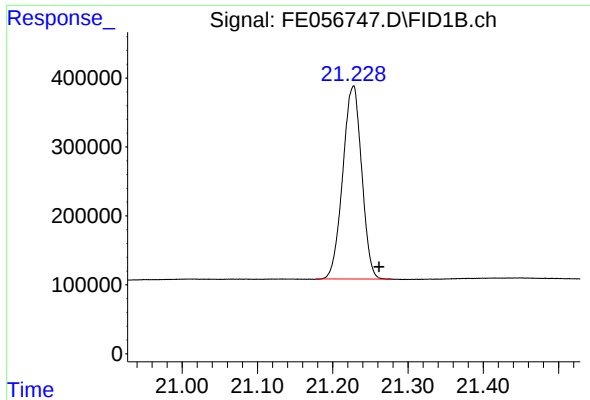
#19 n-Tetratriacontane (C34)

R.T.: 19.736 min
Delta R.T.: -0.029 min
Response: 5190282
Conc: 30.07 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.478 min
Delta R.T.: -0.029 min
Response: 4912427
Conc: 33.96 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.228 min
Delta R.T.: -0.034 min
Response: 4890866
Conc: 38.86 ug/ml

Instrument :

FID_E

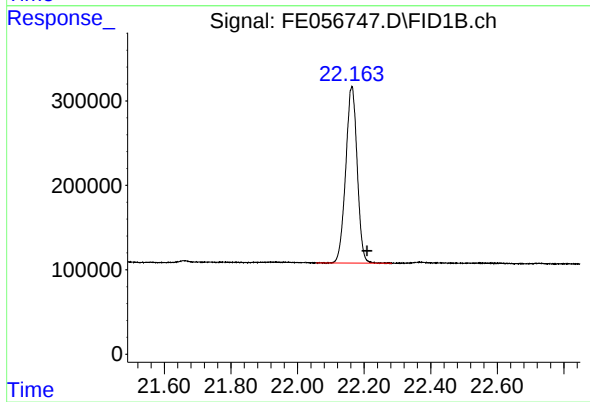
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#22 n-Tetracontane (C40)

R.T.: 22.163 min
Delta R.T.: -0.046 min
Response: 4988048
Conc: 43.14 ug/ml