

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111125AL\
 Data File : FE056744.D
 Signal(s) : FID1B.ch
 Acq On : 11 Nov 2025 22:15
 Operator : YP\AJ
 Sample : PB170479BSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170479BSD

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 01:42:44 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)	11.958	8049899	38.532 ug/ml
Spiked Amount 50.000		Recovery =	77.06%
12) S 1-chlorooctadecane (S...	13.394	6494993	40.312 ug/ml
Spiked Amount 50.000		Recovery =	80.62%
Target Compounds			
1) T n-Nonane (C9)	3.329	5755972	34.269 ug/ml
2) T n-Decane (C10)	4.576	6095359	35.522 ug/mlm
3) T A~Naphthalene (C11.7)	6.287	7371132	39.934 ug/ml
4) T n-Dodecane (C12)	6.743	6447347	37.069 ug/ml
5) T A~2-methylnaphthalene...	7.385	6690155	37.750 ug/ml
6) T n-Tetradecane (C14)	8.577	6597202	37.795 ug/ml
7) T n-Hexadecane (C16)	10.187	6573445	35.929 ug/ml
8) T n-Octadecane (C18)	11.635	6541587	34.562 ug/ml
10) T n-Eicosane (C20)	12.947	6469409	34.714 ug/ml
11) T n-Heneicosane (C21)	13.560	6325206	34.398 ug/ml
13) T n-Docosane (C22)	14.148	6226166	33.259 ug/ml
14) T n-Tetracosane (C24)	15.255	13114191	66.956 ug/ml
15) T n-Hexacosane (C26)	16.279	5902218	30.371 ug/ml
16) T n-Octacosane (C28)	17.229	6007357	31.020 ug/mlm
17) T n-Tricontane (C30)	18.120	5584042	27.851 ug/ml
18) T n-Dotriacontane (C32)	18.953	5427000	27.597 ug/ml
19) T n-Tetratriacontane (C34)	19.738	5364832	31.081 ug/mlm
20) T n-Hexatriacontane (C36)	20.478	5158725	35.662 ug/mlm
21) T n-Octatriacontane (C38)	21.228	5187428	41.215 ug/mlm
22) T n-Tetracontane (C40)	22.165	5419612	46.877 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 22 Sample Multiplier: 1

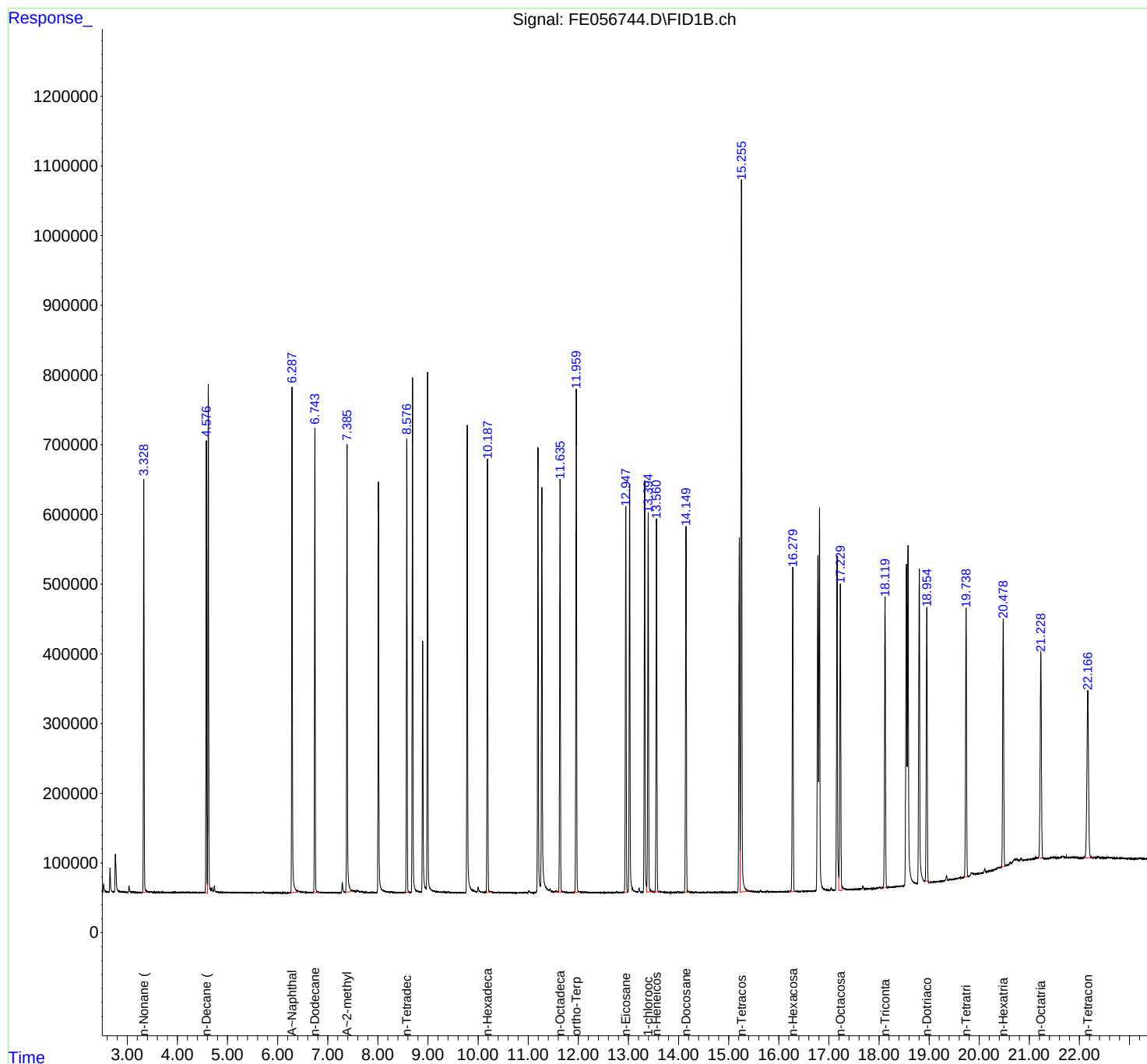
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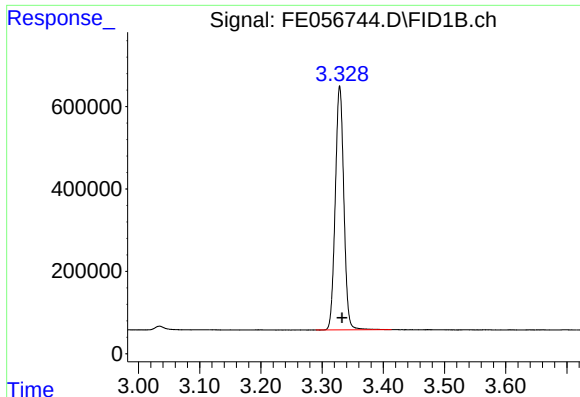
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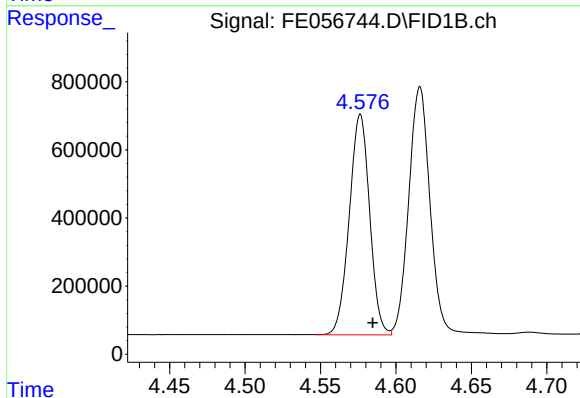
#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: -0.004 min
Response: 5755972
Conc: 34.27 ug/ml

Instrument :
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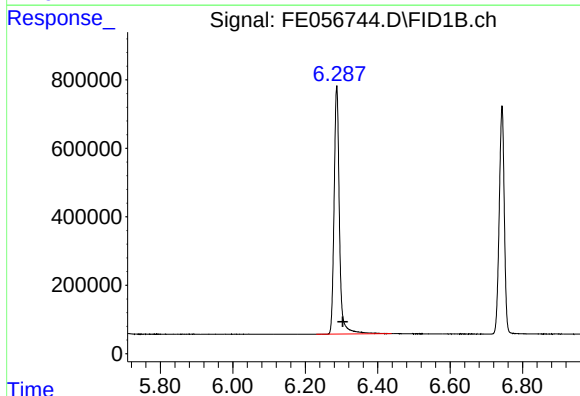
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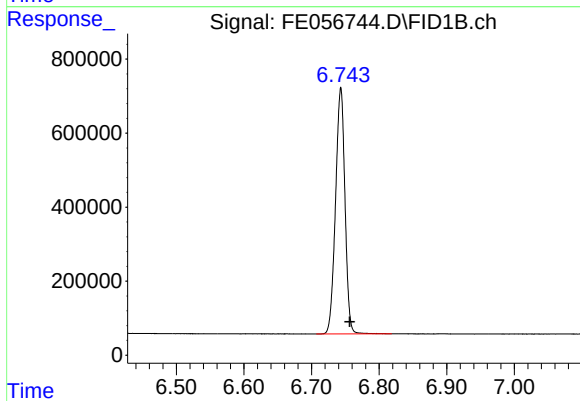
#2 n-Decane (C10)

R.T.: 4.576 min
Delta R.T.: -0.008 min
Response: 6095359
Conc: 35.52 ug/ml m



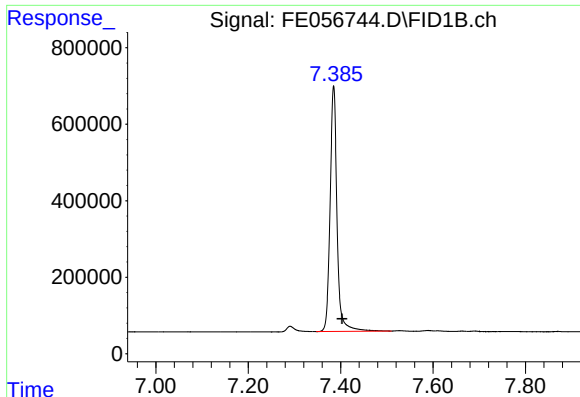
#3 A~Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: -0.016 min
Response: 7371132
Conc: 39.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.743 min
Delta R.T.: -0.014 min
Response: 6447347
Conc: 37.07 ug/ml



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

R.T.: 7.385 min
Delta R.T.: -0.018 min
Response: 6690155
Conc: 37.75 ug/ml

Instrument :

FID_E

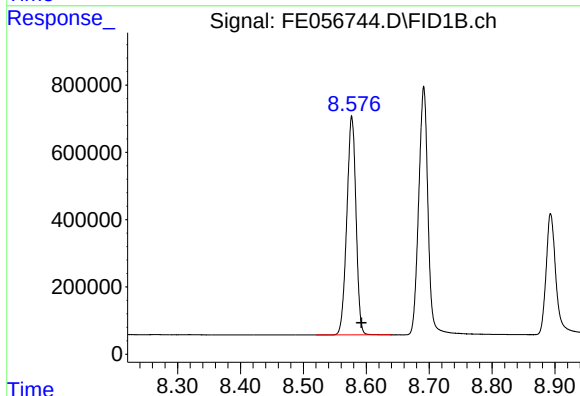
ClientSampleId :

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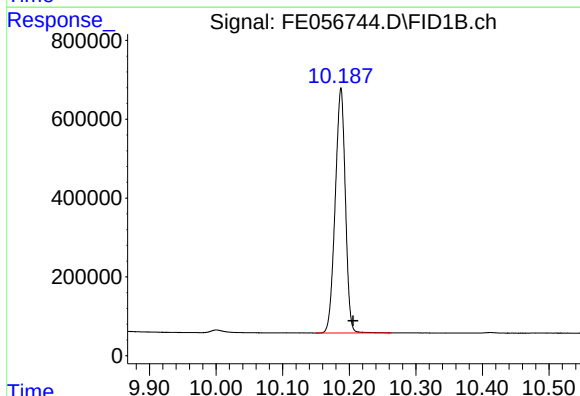
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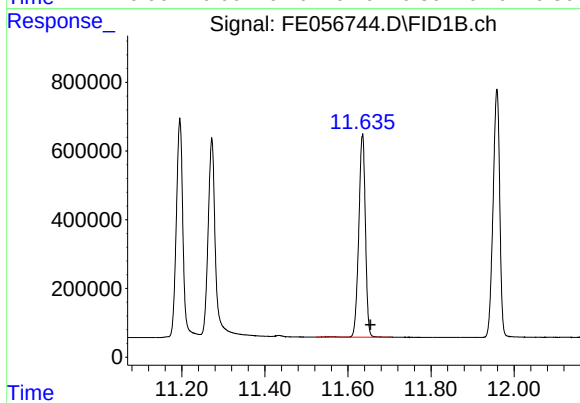
#6 n-Tetradecane (C14)

R.T.: 8.577 min
Delta R.T.: -0.015 min
Response: 6597202
Conc: 37.80 ug/ml



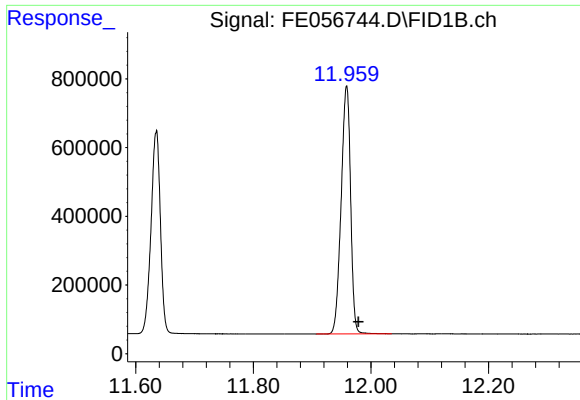
#7 n-Hexadecane (C16)

R.T.: 10.187 min
Delta R.T.: -0.018 min
Response: 6573445
Conc: 35.93 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.635 min
Delta R.T.: -0.020 min
Response: 6541587
Conc: 34.56 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.958 min
Delta R.T.: -0.020 min
Response: 8049899
Conc: 38.53 ug/ml

Instrument :

FID_E

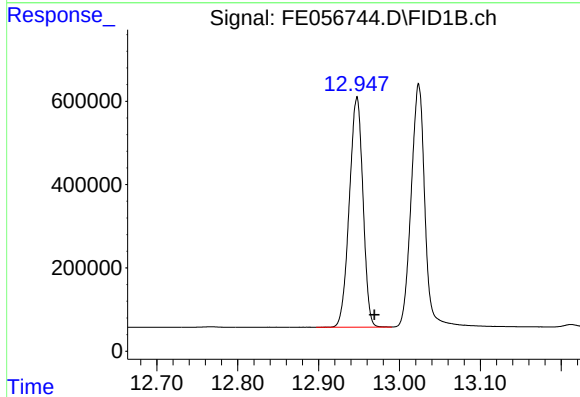
ClientSampleId :

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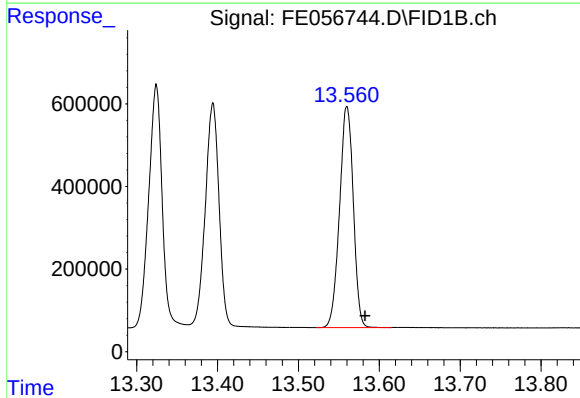
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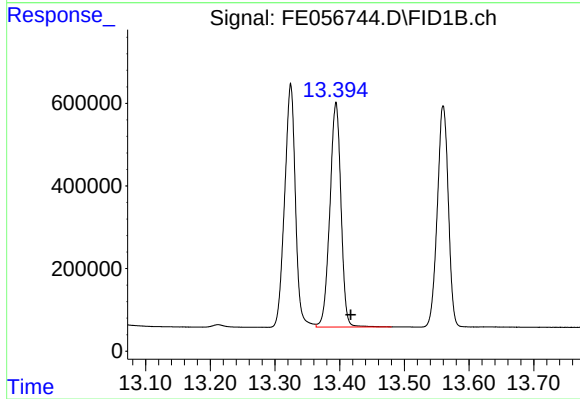
#10 n-Eicosane (C20)

R.T.: 12.947 min
Delta R.T.: -0.022 min
Response: 6469409
Conc: 34.71 ug/ml



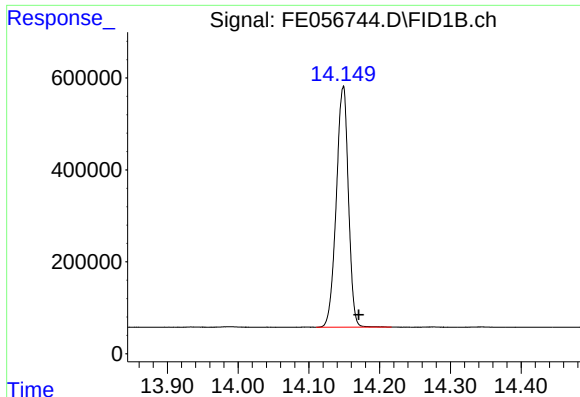
#11 n-Heneicosane (C21)

R.T.: 13.560 min
Delta R.T.: -0.022 min
Response: 6325206
Conc: 34.40 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.394 min
Delta R.T.: -0.023 min
Response: 6494993
Conc: 40.31 ug/ml



#13 n-Docosane (C22)

R.T.: 14.148 min
Delta R.T.: -0.022 min
Response: 6226166
Conc: 33.26 ug/ml

Instrument :

FID_E

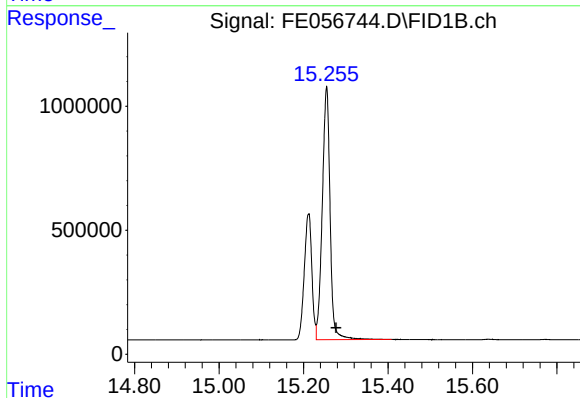
ClientSampleId :

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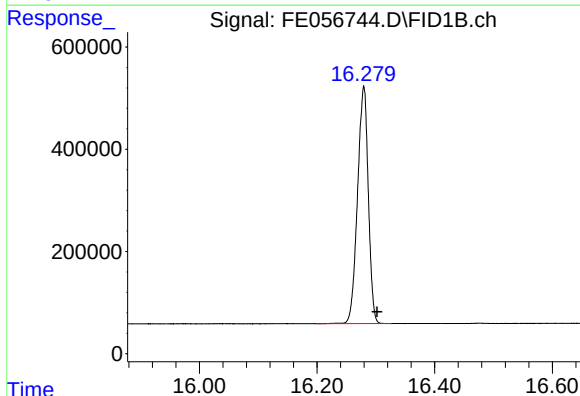
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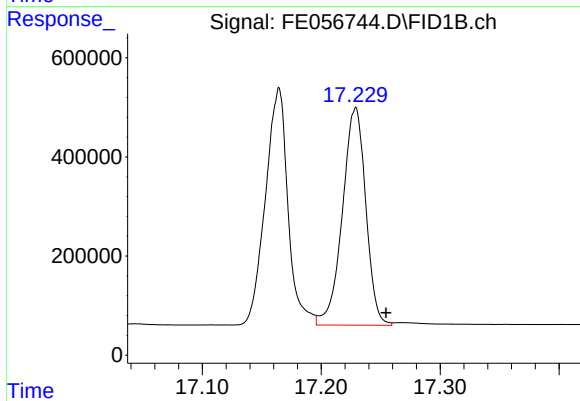
#14 n-Tetracosane (C24)

R.T.: 15.255 min
Delta R.T.: -0.023 min
Response: 13114191
Conc: 66.96 ug/ml



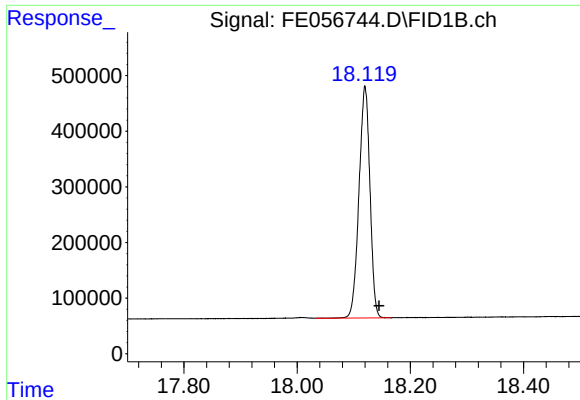
#15 n-Hexacosane (C26)

R.T.: 16.279 min
Delta R.T.: -0.023 min
Response: 5902218
Conc: 30.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.229 min
Delta R.T.: -0.026 min
Response: 6007357
Conc: 31.02 ug/ml m



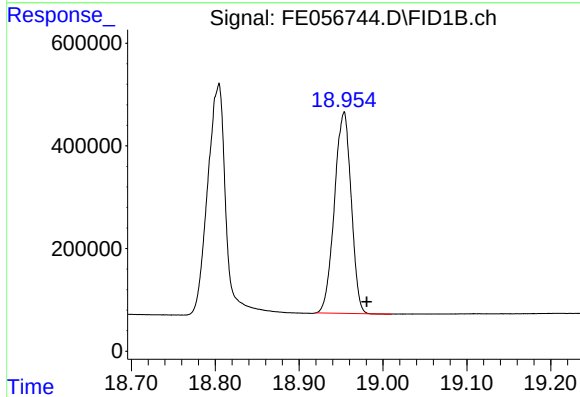
#17 n-Tricontane (C30)

R.T.: 18.120 min
Delta R.T.: -0.025 min
Response: 5584042
Conc: 27.85 ug/ml

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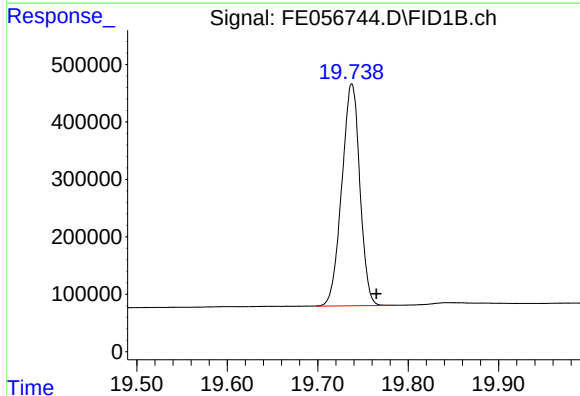
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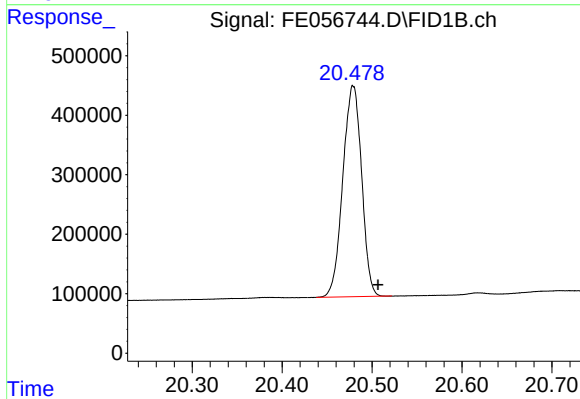
#18 n-Dotriacontane (C32)

R.T.: 18.953 min
Delta R.T.: -0.027 min
Response: 5427000
Conc: 27.60 ug/ml



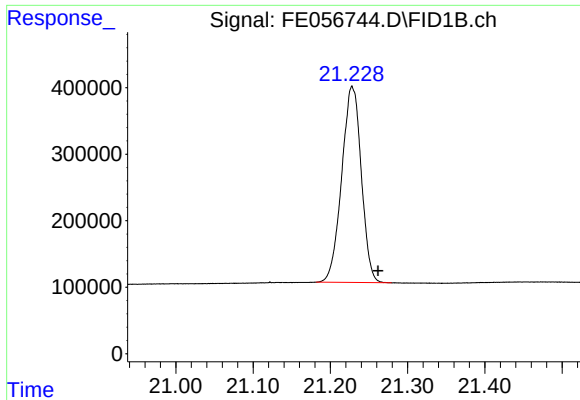
#19 n-Tetratriacontane (C34)

R.T.: 19.738 min
Delta R.T.: -0.027 min
Response: 5364832
Conc: 31.08 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.478 min
Delta R.T.: -0.029 min
Response: 5158725
Conc: 35.66 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.228 min
Delta R.T.: -0.034 min
Response: 5187428
Conc: 41.22 ug/ml

Instrument :

FID_E

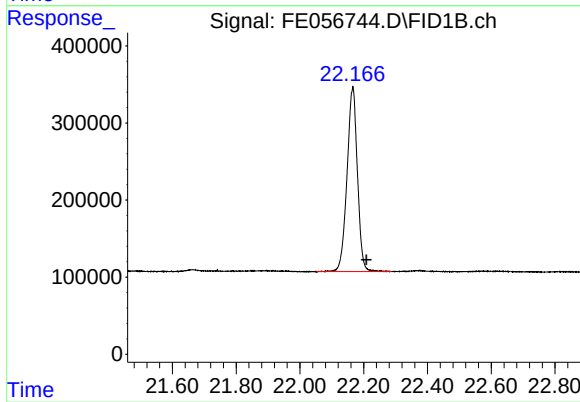
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#22 n-Tetracontane (C40)

R.T.: 22.165 min
Delta R.T.: -0.043 min
Response: 5419612
Conc: 46.88 ug/ml