

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121525AL\
 Data File : FE057346.D
 Signal(s) : FID1B.ch
 Acq On : 15 Dec 2025 21:25
 Operator : YP\AJ
 Sample : PB170942BSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170942BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/16/2025
 Supervised By :Yogesh Patel 12/16/2025

Integration File: sample.E
 Quant Time: Dec 16 03:40:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:04:59 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)	11.929	6802859	31.001 ug/ml
Spiked Amount 50.000		Recovery =	62.00%
12) S 1-chlorooctadecane (S...	13.366	4786090	28.758 ug/ml
Spiked Amount 50.000		Recovery =	57.52%
Target Compounds			
1) T n-Nonane (C9)	3.297	5402707	27.620 ug/ml
2) T n-Decane (C10)	4.546	5567935	27.529 ug/ml
3) T A~Naphthalene (C11.7)	6.260	7062705	35.080 ug/ml
4) T n-Dodecane (C12)	6.715	5977354	29.287 ug/ml
5) T A~2-methylnaphthalene...	7.359	6353895	33.067 ug/ml
6) T n-Tetradecane (C14)	8.547	6057606	30.096 ug/ml
7) T n-Hexadecane (C16)	10.158	5941262	28.971 ug/ml
8) T n-Octadecane (C18)	11.605	5892496	28.589 ug/ml
10) T n-Eicosane (C20)	12.918	5870700	29.844 ug/ml
11) T n-Heneicosane (C21)	13.532	5772303	30.045 ug/ml
13) T n-Docosane (C22)	14.118	5688187	29.466 ug/ml
14) T n-Tetracosane (C24)	15.227	13263730	66.969 ug/ml
15) T n-Hexacosane (C26)	16.249	5541287	27.931 ug/ml
16) T n-Octacosane (C28)	17.201	7528176	36.633 ug/mlm
17) T n-Tricontane (C30)	18.091	5410006	24.106 ug/ml
18) T n-Dotriacontane (C32)	18.923	5251239	22.495 ug/mlm
19) T n-Tetratriacontane (C34)	19.709	5106670	23.909 ug/ml
20) T n-Hexatriacontane (C36)	20.451	5188466	27.875 ug/ml
21) T n-Octatriacontane (C38)	21.195	5491380	31.686 ug/ml
22) T n-Tetracontane (C40)	22.123	5716415	33.922 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB170942BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

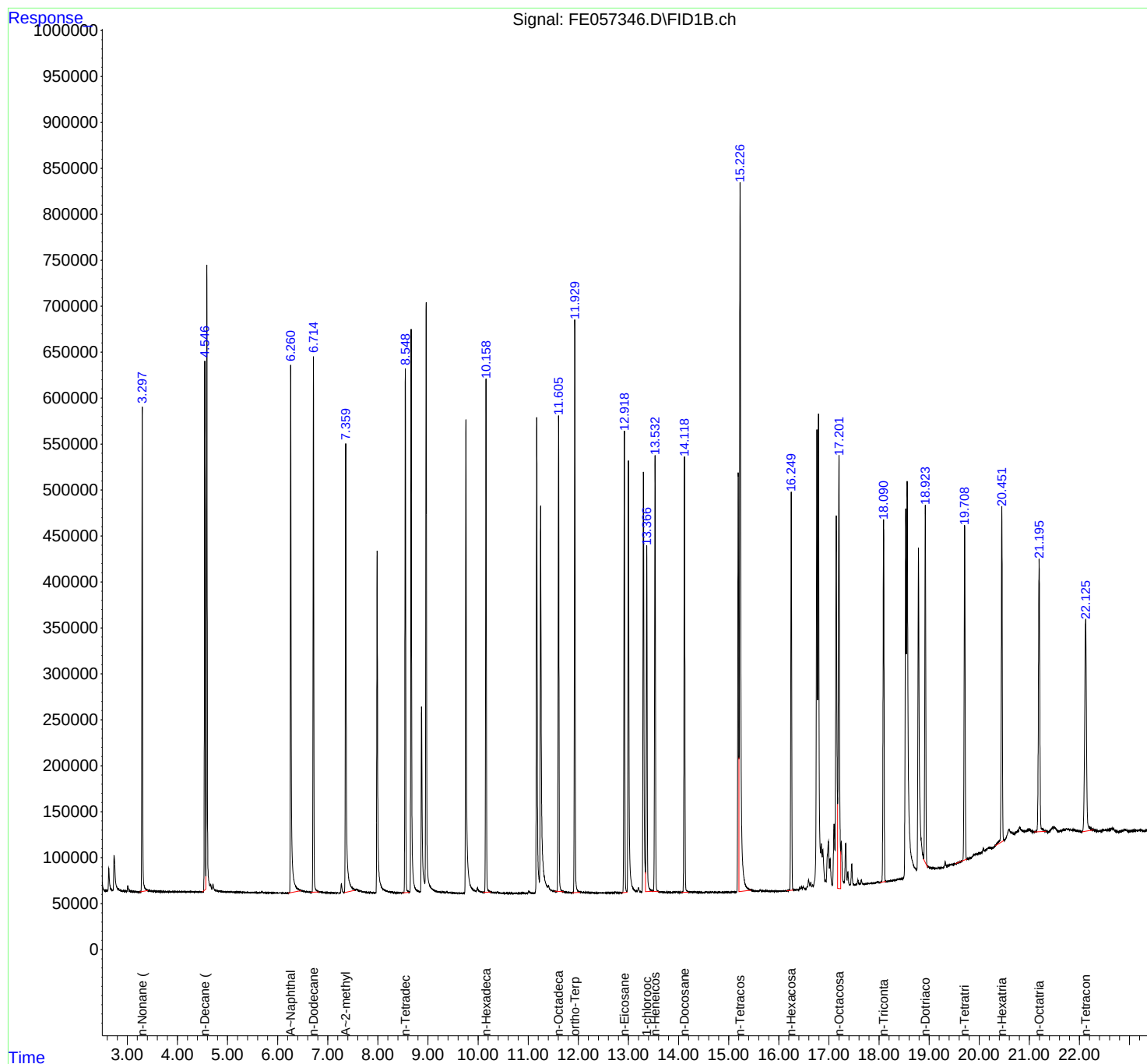
Instrument :
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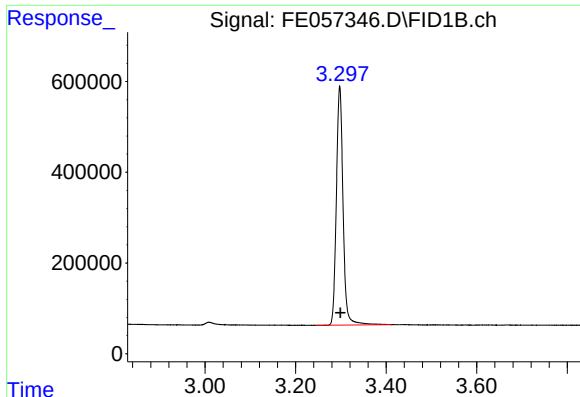
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.297 min
Delta R.T.: -0.002 min
Response: 5402707
Conc: 27.62 ug/ml

Instrument :

FID_E

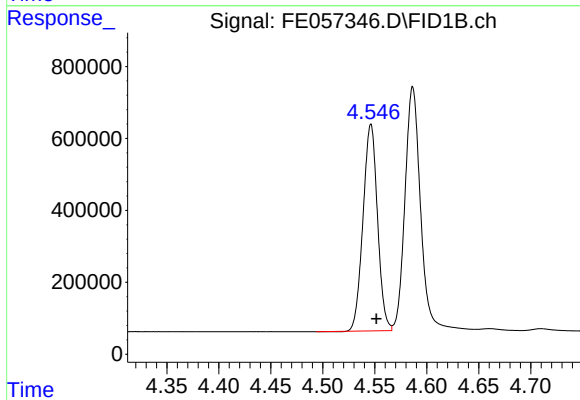
ClientSampleId :

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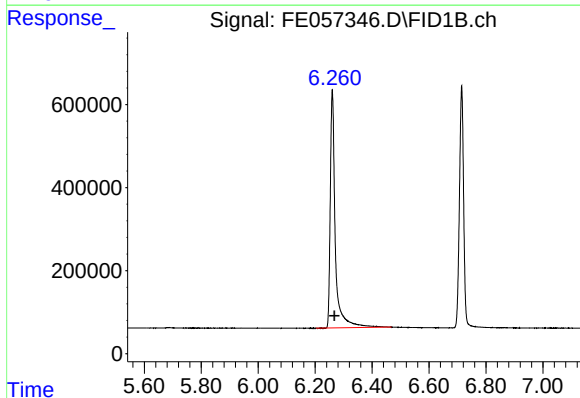
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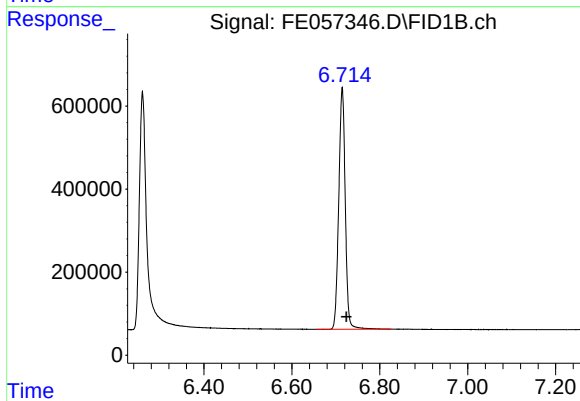
#2 n-Decane (C10)

R.T.: 4.546 min
Delta R.T.: -0.005 min
Response: 5567935
Conc: 27.53 ug/ml



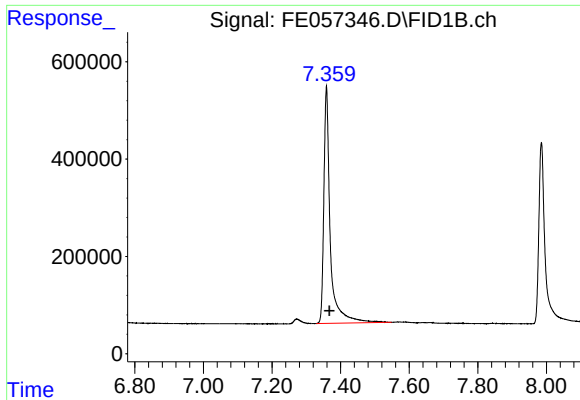
#3 A~Naphthalene (C11.7)

R.T.: 6.260 min
Delta R.T.: -0.008 min
Response: 7062705
Conc: 35.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.715 min
Delta R.T.: -0.010 min
Response: 5977354
Conc: 29.29 ug/ml



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

R.T.: 7.359 min
Delta R.T.: -0.009 min
Response: 6353895
Conc: 33.07 ug/ml

Instrument :

FID_E

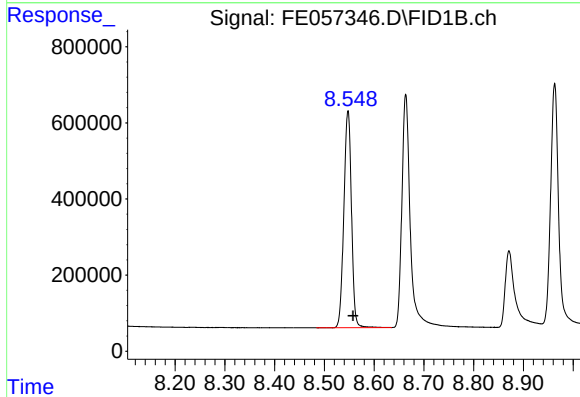
ClientSampleId :

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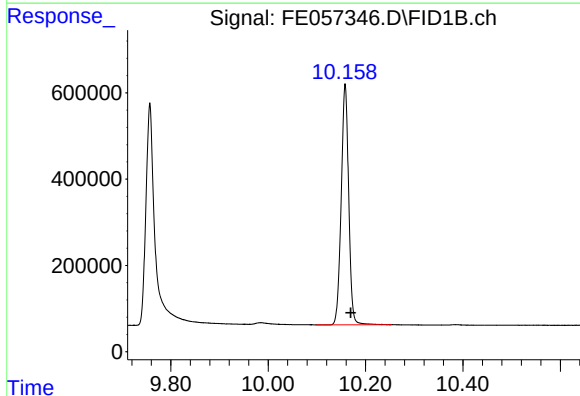
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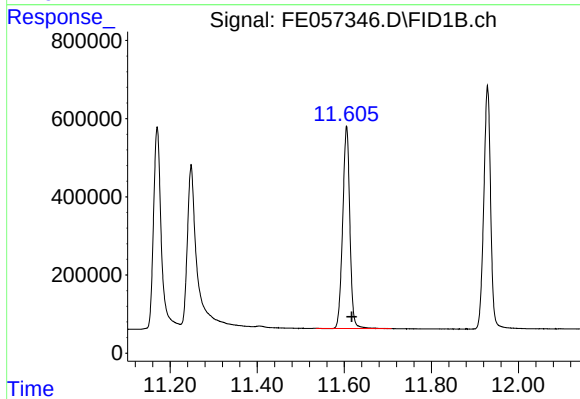
#6 n-Tetradecane (C14)

R.T.: 8.547 min
Delta R.T.: -0.010 min
Response: 6057606
Conc: 30.10 ug/ml



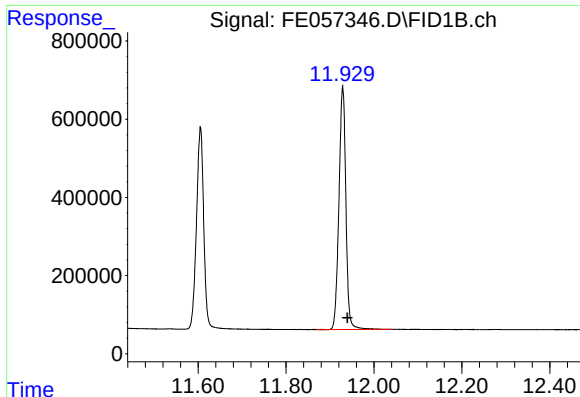
#7 n-Hexadecane (C16)

R.T.: 10.158 min
Delta R.T.: -0.012 min
Response: 5941262
Conc: 28.97 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.605 min
Delta R.T.: -0.012 min
Response: 5892496
Conc: 28.59 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.929 min
Delta R.T.: -0.011 min
Response: 6802859
Conc: 31.00 ug/ml

Instrument :

FID_E

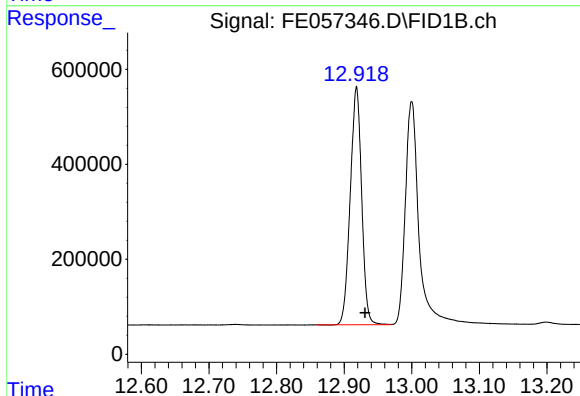
ClientSampleId :

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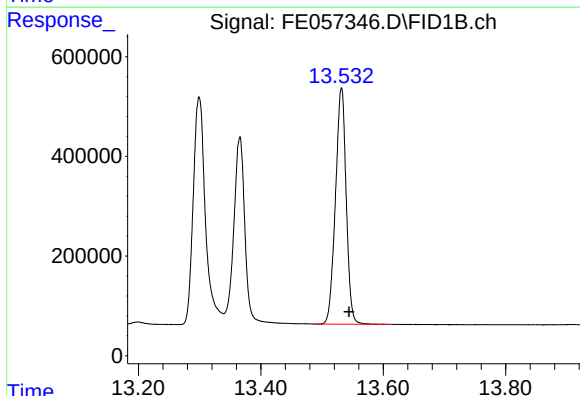
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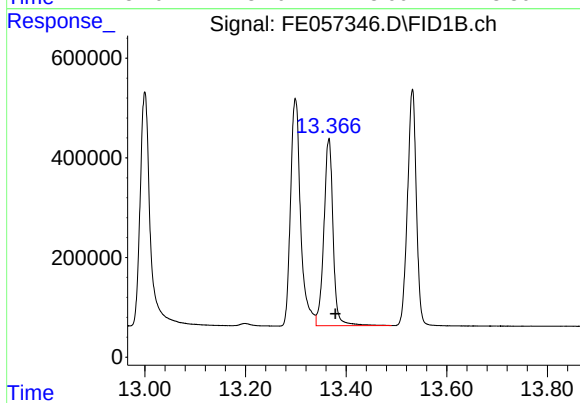
#10 n-Eicosane (C20)

R.T.: 12.918 min
Delta R.T.: -0.013 min
Response: 5870700
Conc: 29.84 ug/ml



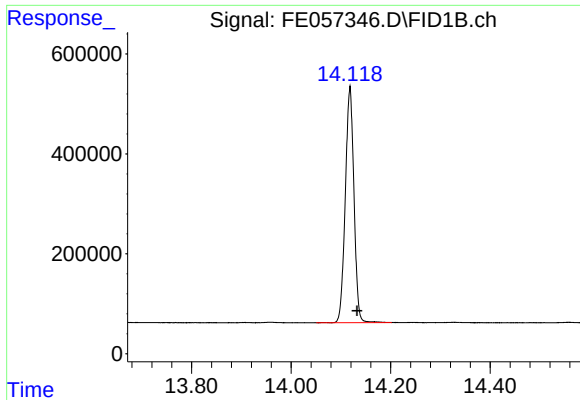
#11 n-Heneicosane (C21)

R.T.: 13.532 min
Delta R.T.: -0.013 min
Response: 5772303
Conc: 30.04 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.366 min
Delta R.T.: -0.013 min
Response: 4786090
Conc: 28.76 ug/ml



#13 n-Docosane (C22)

R.T.: 14.118 min
Delta R.T.: -0.014 min
Response: 5688187
Conc: 29.47 ug/ml

Instrument :

FID_E

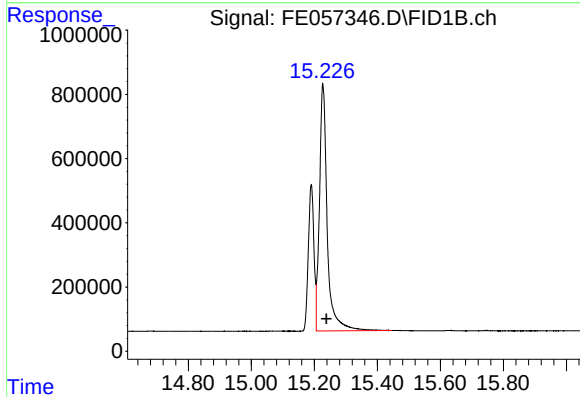
ClientSampleId :

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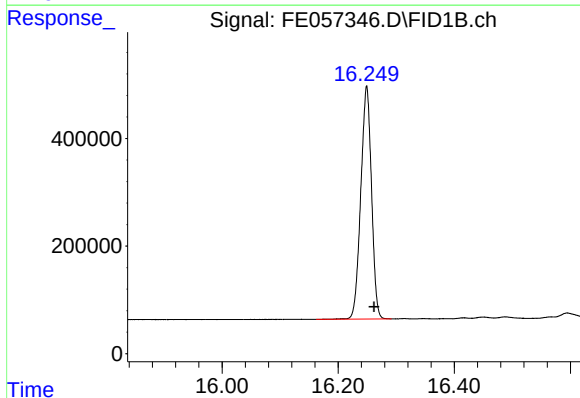
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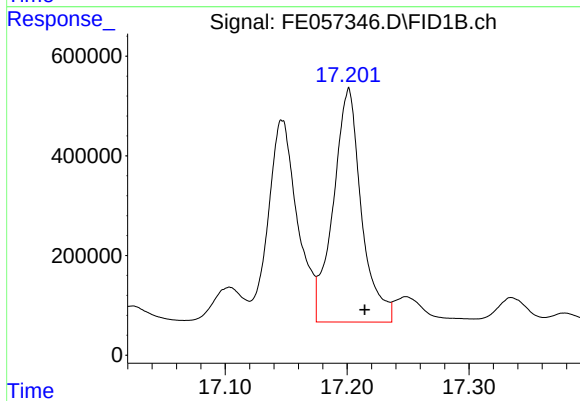
#14 n-Tetracosane (C24)

R.T.: 15.227 min
Delta R.T.: -0.011 min
Response: 13263730
Conc: 66.97 ug/ml



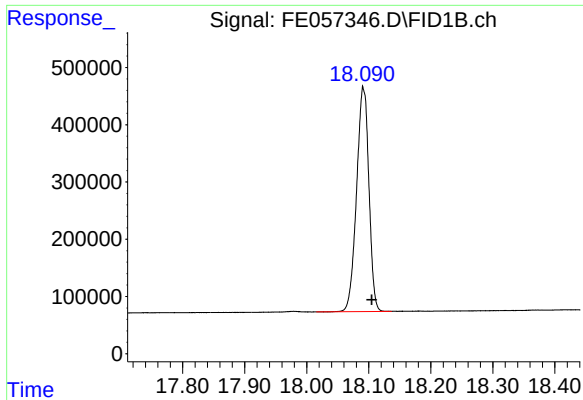
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: -0.013 min
Response: 5541287
Conc: 27.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.201 min
Delta R.T.: -0.013 min
Response: 7528176
Conc: 36.63 ug/ml m



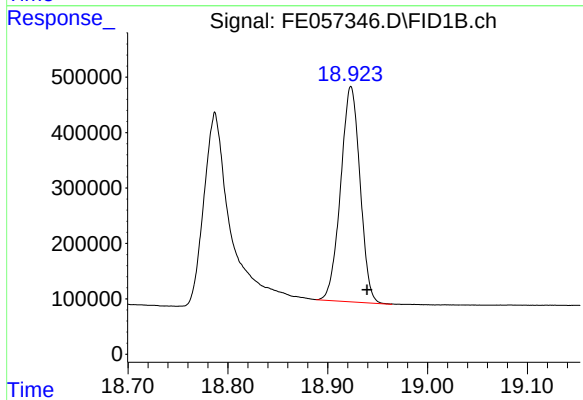
#17 n-Tricontane (C30)

R.T.: 18.091 min
Delta R.T.: -0.014 min
Response: 5410006
Conc: 24.11 ug/ml

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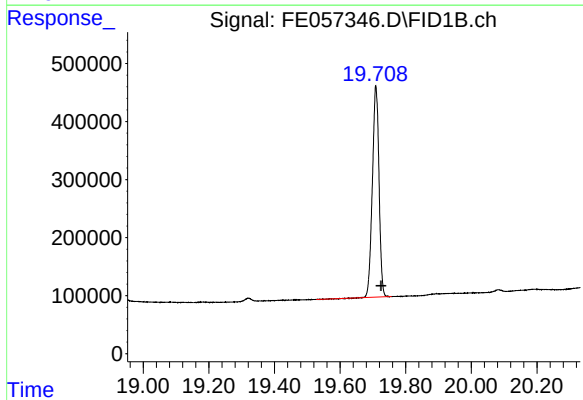
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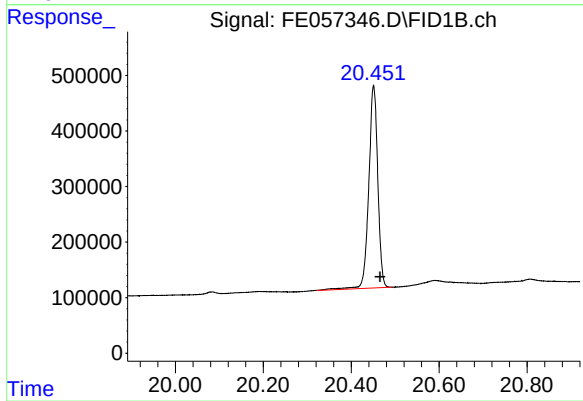
#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: -0.017 min
Response: 5251239
Conc: 22.50 ug/ml m



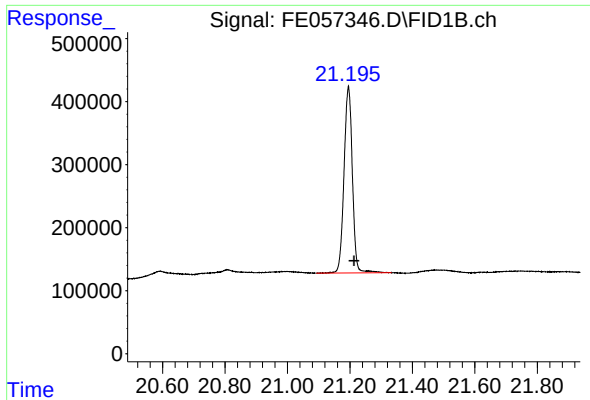
#19 n-Tetratriacontane (C34)

R.T.: 19.709 min
Delta R.T.: -0.015 min
Response: 5106670
Conc: 23.91 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.451 min
Delta R.T.: -0.015 min
Response: 5188466
Conc: 27.88 ug/ml



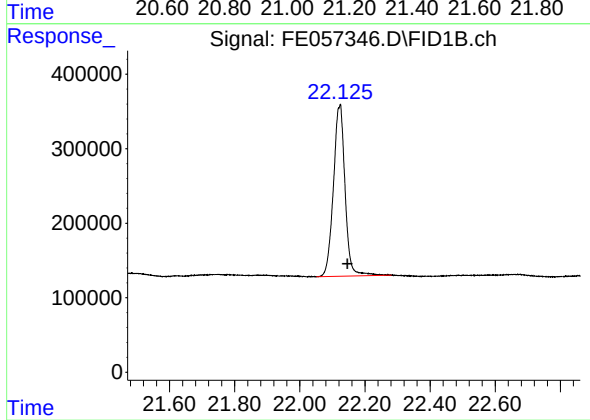
#21 n-Octatriacontane (C38)

R.T.: 21.195 min
Delta R.T.: -0.019 min
Response: 5491380
Conc: 31.69 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.123 min
Delta R.T.: -0.024 min
Response: 5716415
Conc: 33.92 ug/ml