

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052925AL\
 Data File : FE054077.D
 Signal(s) : FID1B.ch
 Acq On : 29 May 2025 18:05
 Operator : YP\AJ
 Sample : Q2146-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP04-MHN-WCMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/30/2025

Supervised By :mohammad ahmed 05/30/2025

Integration File: autoint1.e

Quant Time: May 30 01:36:36 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M

Quant Title : GC Extractables

QLast Update : Wed May 14 12:15:41 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)	11.839	4752016	29.241 ug/ml
Spiked Amount 50.000		Recovery =	58.48%
12) S 1-chlorooctadecane (S...	13.284	4169922	35.175 ug/ml
Spiked Amount 50.000		Recovery =	70.35%
Target Compounds			
1) T n-Nonane (C9)	3.186	2651554	19.619 ug/ml
2) T n-Decane (C10)	4.450	3011676	22.287 ug/ml
3) T A~Naphthalene (C11.7)	6.163	3941126	27.423 ug/ml
4) T n-Dodecane (C12)	6.631	3462780	25.386 ug/ml
5) T A~2-methylnaphthalene...	7.265	3733958	26.920 ug/ml
6) T n-Tetradecane (C14)	8.467	3747172	27.767 ug/ml
7) T n-Hexadecane (C16)	10.078	4151519	30.767 ug/ml
8) T n-Octadecane (C18)	11.525	4373850	32.481 ug/ml
10) T n-Eicosane (C20)	12.839	4650215	35.382 ug/ml
11) T n-Heneicosane (C21)	13.452	4486899	34.609 ug/ml
13) T n-Docosane (C22)	14.040	4452774	34.903 ug/ml
14) T n-Tetracosane (C24)	15.138	9360211	74.812 ug/ml
15) T n-Hexacosane (C26)	16.170	4354145	35.558 ug/ml
16) T n-Octacosane (C28)	17.120	4463378	36.716 ug/ml
17) T n-Tricontane (C30)	18.010	4272465	34.299 ug/ml
18) T n-Dotriacontane (C32)	18.843	4206832	33.640 ug/ml
19) T n-Tetratriacontane (C34)	19.629	4305324	36.142 ug/ml
20) T n-Hexatriacontane (C36)	20.370	4408135	38.071 ug/ml
21) T n-Octatriacontane (C38)	21.100	4606401	42.328 ug/ml
22) T n-Tetracontane (C40)	21.992	4489294	45.241 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052925AL\
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Operator : YP\AJ
Sample : Q2146-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

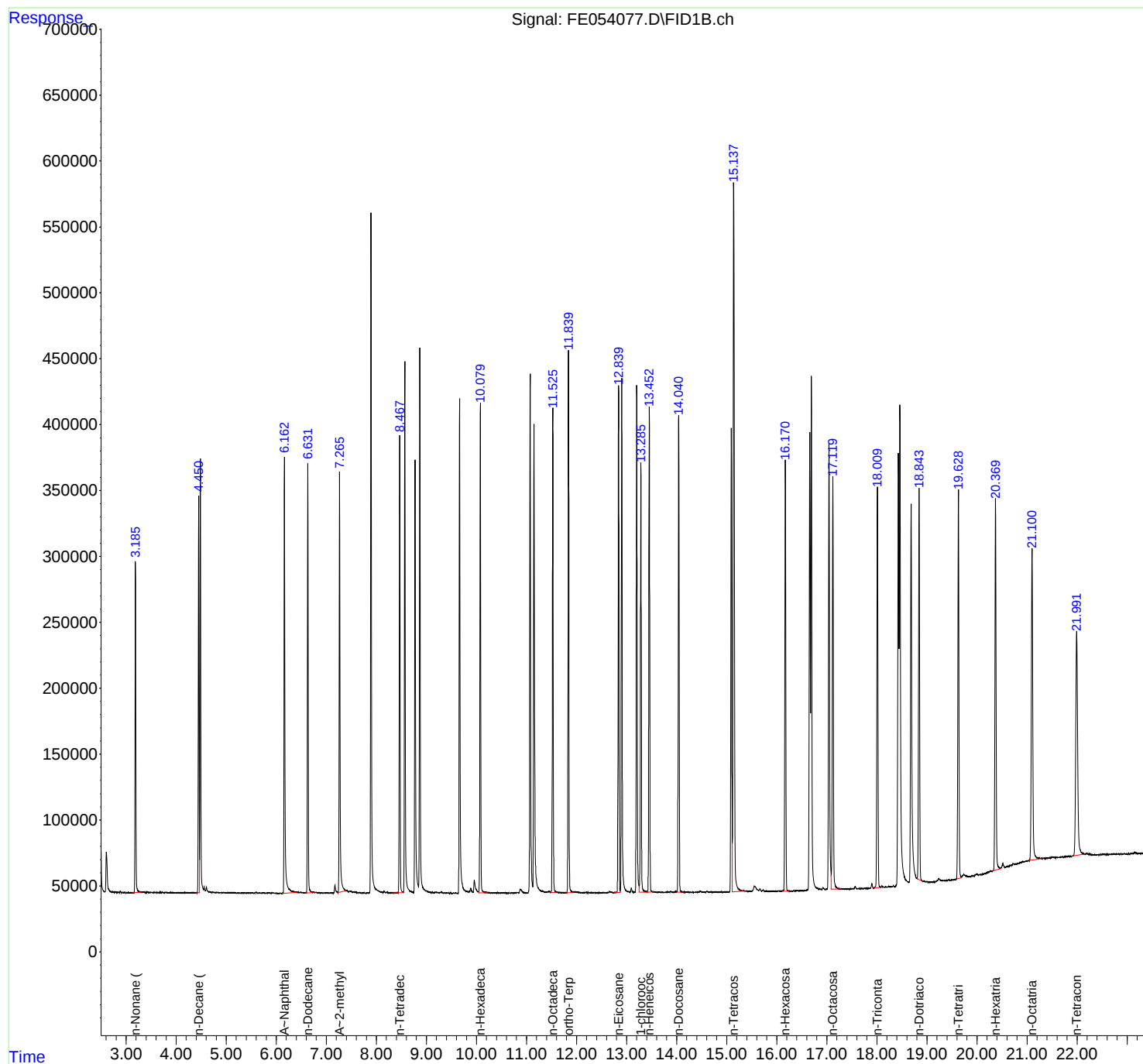
Instrument :
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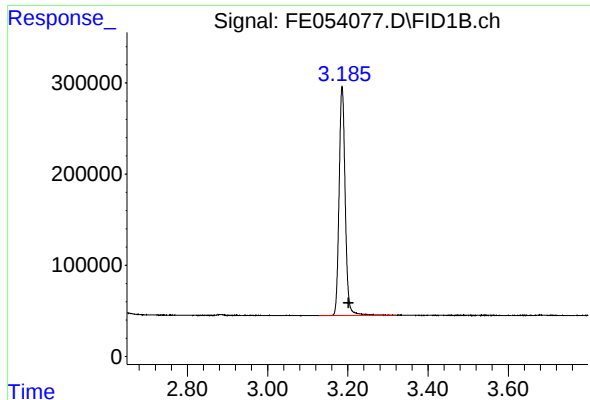
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Quant Title : GC Extractables
QLast Update : Wed May 14 12:15:41 2025
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Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.186 min
Delta R.T.: -0.016 min
Response: 2651554
Conc: 19.62 ug/ml

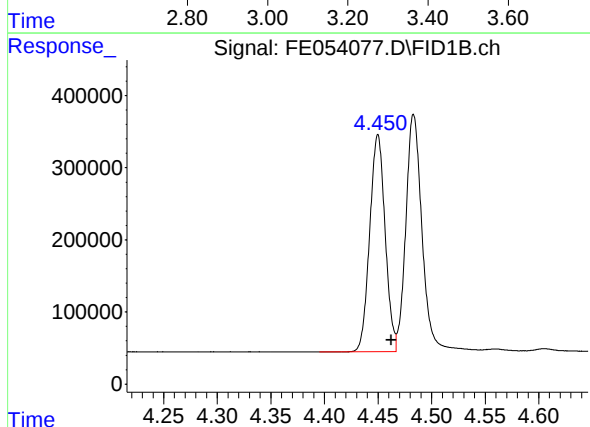
Instrument :

FID_E

ClientSampleId :
TP04-MHN-WCMS

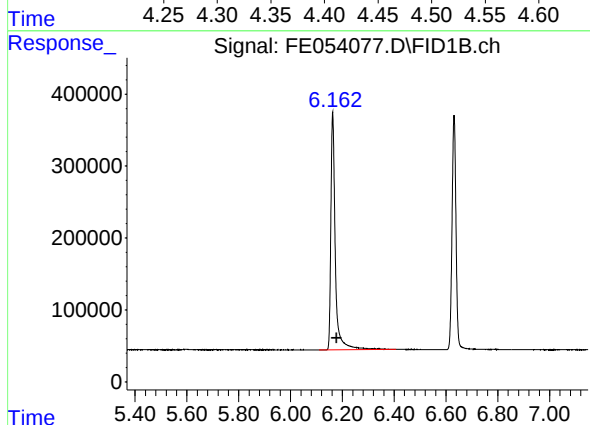
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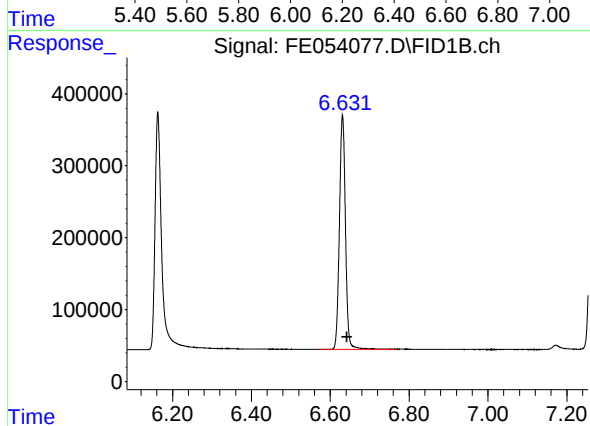
#2 n-Decane (C10)

R.T.: 4.450 min
Delta R.T.: -0.013 min
Response: 3011676
Conc: 22.29 ug/ml



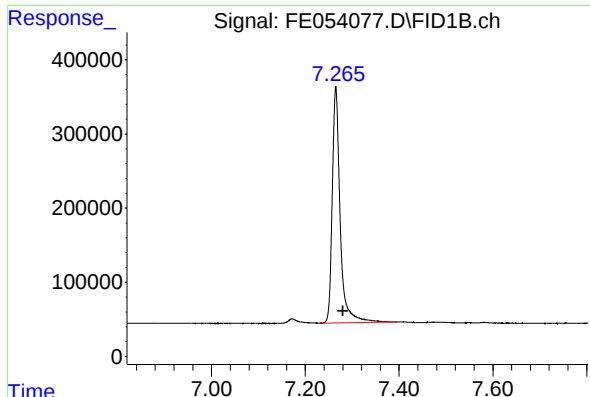
#3 A~Naphthalene (C11.7)

R.T.: 6.163 min
Delta R.T.: -0.015 min
Response: 3941126
Conc: 27.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.631 min
Delta R.T.: -0.011 min
Response: 3462780
Conc: 25.39 ug/ml



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

R.T.: 7.265 min
Delta R.T.: -0.015 min
Response: 3733958
Conc: 26.92 ug/ml

Instrument :

FID_E

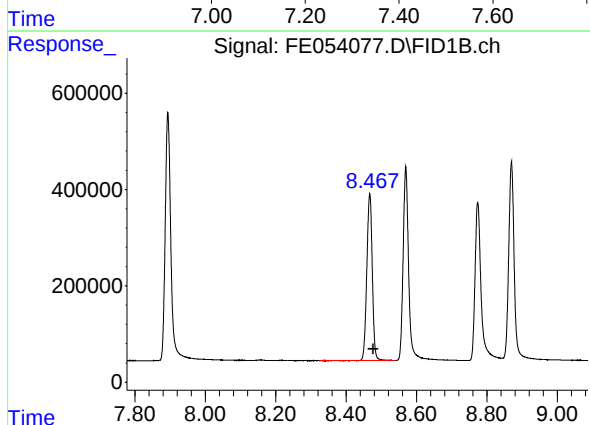
ClientSampleId :

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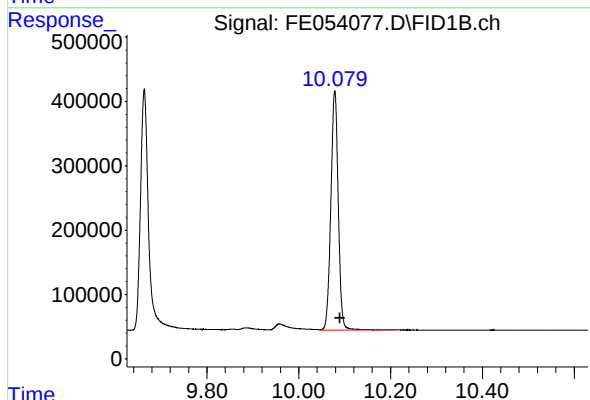
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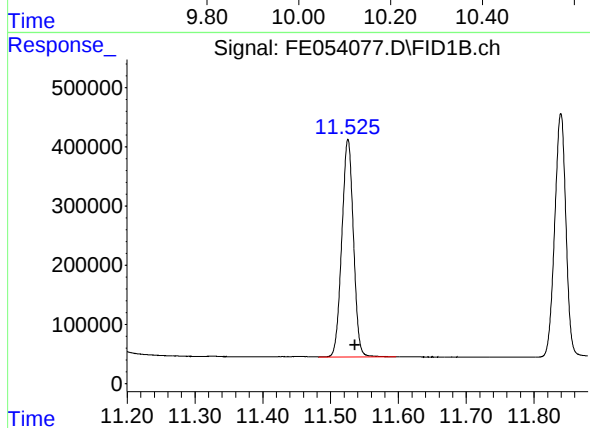
#6 n-Tetradecane (C14)

R.T.: 8.467 min
Delta R.T.: -0.010 min
Response: 3747172
Conc: 27.77 ug/ml



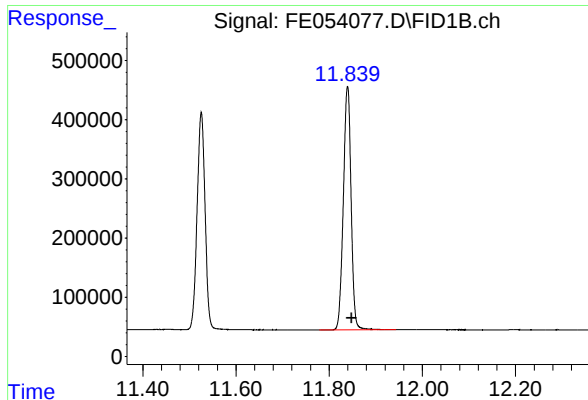
#7 n-Hexadecane (C16)

R.T.: 10.078 min
Delta R.T.: -0.011 min
Response: 4151519
Conc: 30.77 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.525 min
Delta R.T.: -0.011 min
Response: 4373850
Conc: 32.48 ug/ml m



#9 ortho-Terphenyl (SURR)

R.T.: 11.839 min
Delta R.T.: -0.009 min
Response: 4752016
Conc: 29.24 ug/ml

Instrument :

FID_E

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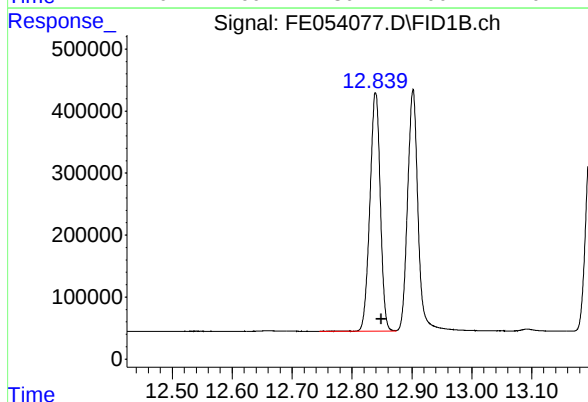
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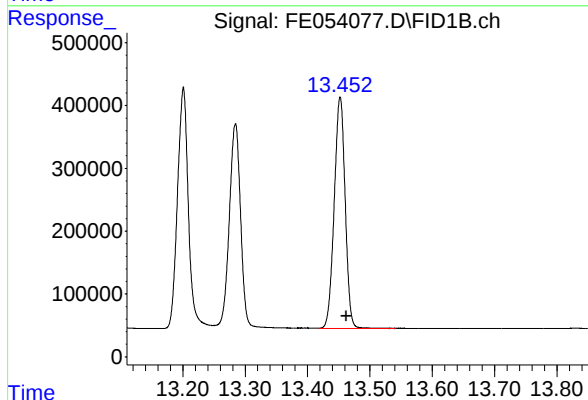
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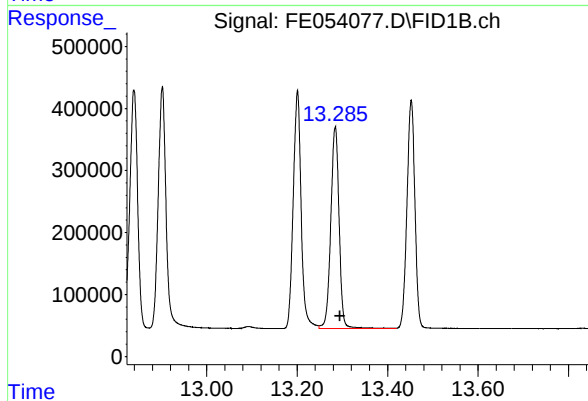
#10 n-Eicosane (C20)

R.T.: 12.839 min
Delta R.T.: -0.009 min
Response: 4650215
Conc: 35.38 ug/ml



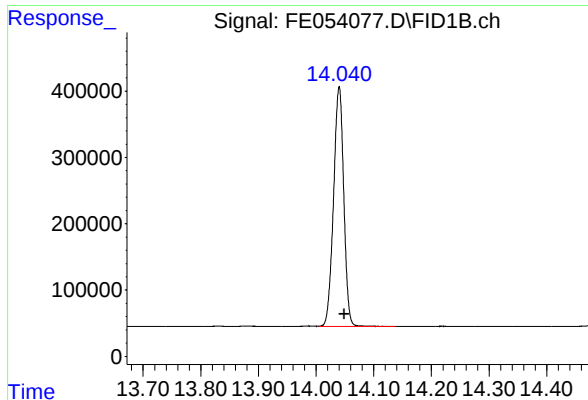
#11 n-Heneicosane (C21)

R.T.: 13.452 min
Delta R.T.: -0.010 min
Response: 4486899
Conc: 34.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.284 min
Delta R.T.: -0.010 min
Response: 4169922
Conc: 35.17 ug/ml



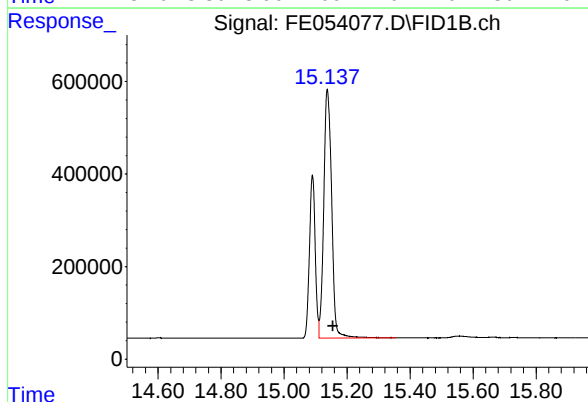
#13 n-Docosane (C22)

R.T.: 14.040 min
Delta R.T.: -0.009 min
Response: 4452774
Conc: 34.90 ug/ml

Instrument :
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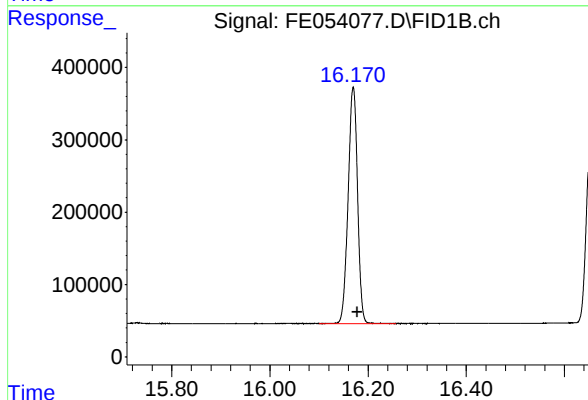
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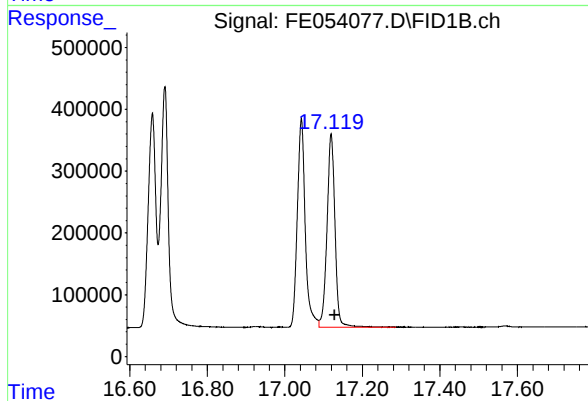
#14 n-Tetracosane (C24)

R.T.: 15.138 min
Delta R.T.: -0.017 min
Response: 9360211
Conc: 74.81 ug/ml



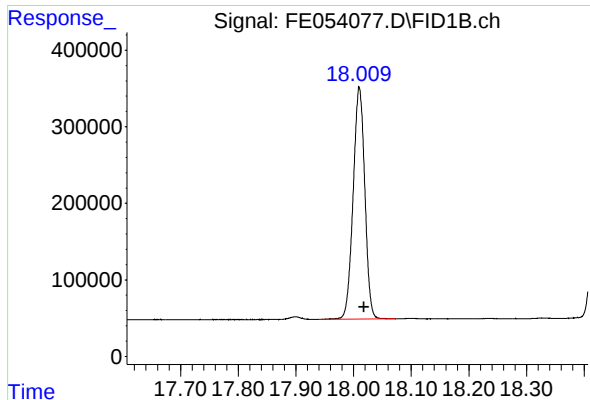
#15 n-Hexacosane (C26)

R.T.: 16.170 min
Delta R.T.: -0.008 min
Response: 4354145
Conc: 35.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.120 min
Delta R.T.: -0.009 min
Response: 4463378
Conc: 36.72 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.010 min
Delta R.T.: -0.008 min
Response: 4272465
Conc: 34.30 ug/ml

Instrument :

FID_E

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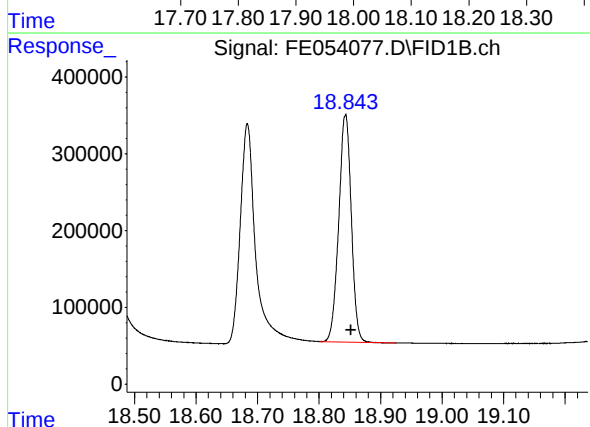
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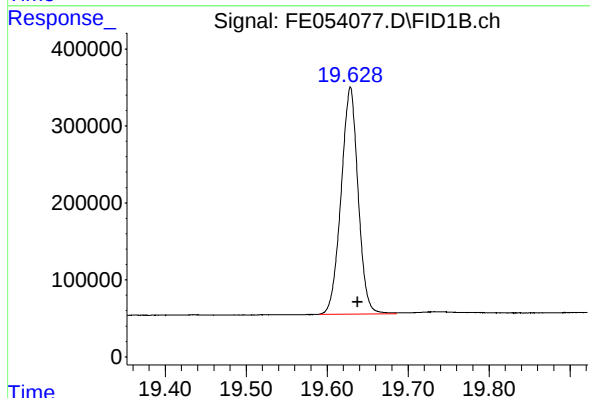
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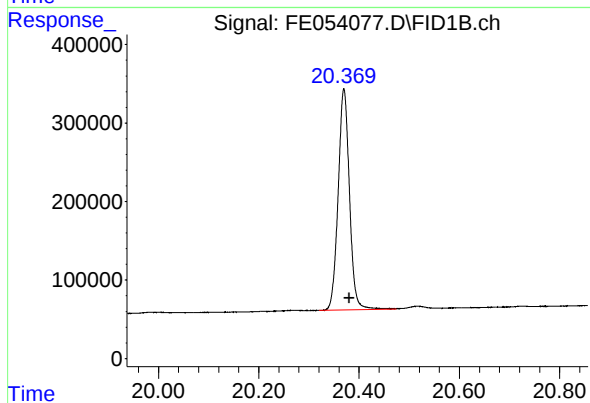
#18 n-Dotriacontane (C32)

R.T.: 18.843 min
Delta R.T.: -0.009 min
Response: 4206832
Conc: 33.64 ug/ml



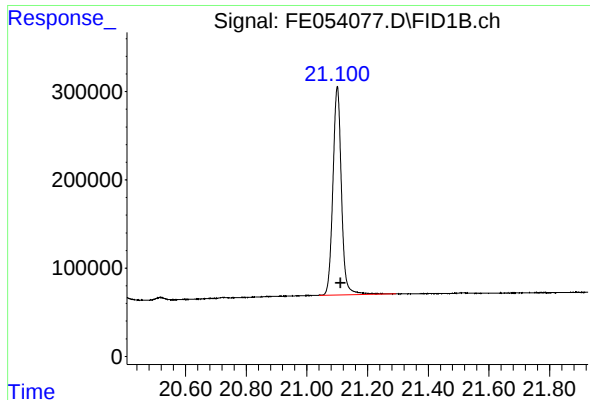
#19 n-Tetratriacontane (C34)

R.T.: 19.629 min
Delta R.T.: -0.009 min
Response: 4305324
Conc: 36.14 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.370 min
Delta R.T.: -0.010 min
Response: 4408135
Conc: 38.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.100 min
Delta R.T.: -0.011 min
Response: 4606401
Conc: 42.33 ug/ml

Instrument :

FID_E

ClientSampleId :

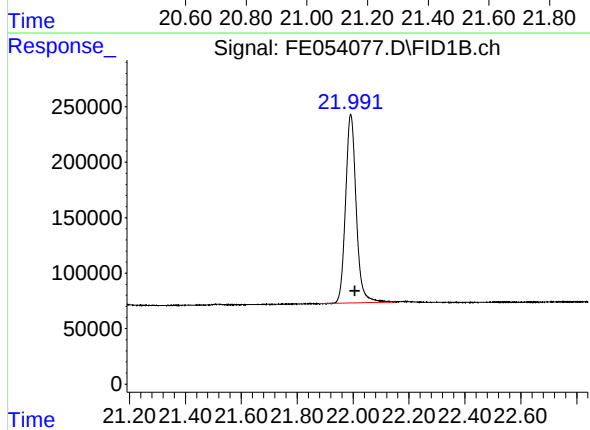
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#22 n-Tetracontane (C40)

R.T.: 21.992 min
Delta R.T.: -0.015 min
Response: 4489294
Conc: 45.24 ug/ml