

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061625AL\
 Data File : FE054428.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jun 2025 03:48
 Operator : YP\AJ
 Sample : Q2325-01MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-8MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/17/2025
 Supervised By :mohammad ahmed 06/18/2025

Integration File: autoint1.e
 Quant Time: Jun 17 04:26:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.826	5173749	31.311 ug/ml
Spiked Amount 50.000		Recovery =	62.62%
12) S 1-chlorooctadecane (S...	13.271	4199952	34.440 ug/mlm
Spiked Amount 50.000		Recovery =	68.88%
Target Compounds			
1) T n-Nonane (C9)	3.176	3733833	30.068 ug/ml
2) T n-Decane (C10)	4.439	4100913	33.004 ug/ml
3) T A~Naphthalene (C11.7)	6.152	5337489	39.496 ug/ml
4) T n-Dodecane (C12)	6.620	4604038	36.158 ug/ml
5) T A~2-methylnaphthalene...	7.254	5187320	39.163 ug/ml
6) T n-Tetradecane (C14)	8.456	5090784	39.322 ug/ml
7) T n-Hexadecane (C16)	10.066	5619238	42.301 ug/ml
8) T n-Octadecane (C18)	11.514	5900447	43.696 ug/ml
10) T n-Eicosane (C20)	12.826	6178309	46.184 ug/ml
11) T n-Heneicosane (C21)	13.439	5930962	44.604 ug/ml
13) T n-Docosane (C22)	14.028	5878997	44.836 ug/ml
14) T n-Tetracosane (C24)	15.128	12666402	98.194 ug/ml
15) T n-Hexacosane (C26)	16.157	5672565	45.189 ug/ml
16) T n-Octacosane (C28)	17.106	5748130	46.873 ug/mlm
17) T n-Tricontane (C30)	17.997	5551693	44.793 ug/ml
18) T n-Dotriacontane (C32)	18.829	5576783	44.385 ug/ml
19) T n-Tetratriacontane (C34)	19.614	5656330	45.466 ug/ml
20) T n-Hexatriacontane (C36)	20.356	5729951	44.511 ug/ml
21) T n-Octatriacontane (C38)	21.083	5988347	45.352 ug/ml
22) T n-Tetracontane (C40)	21.972	6061480	44.998 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 30 Sample Multiplier: 1

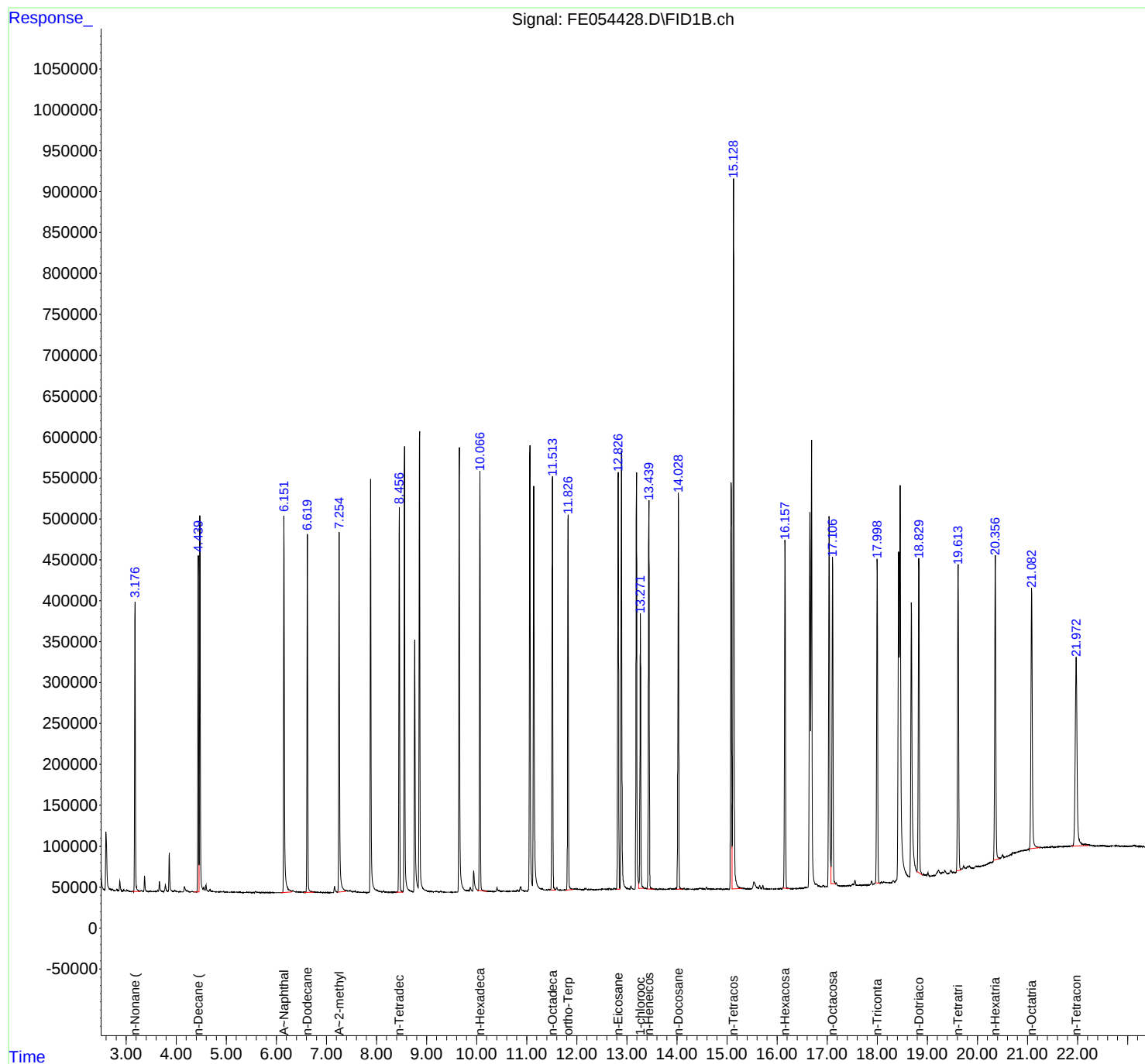
Instrument :
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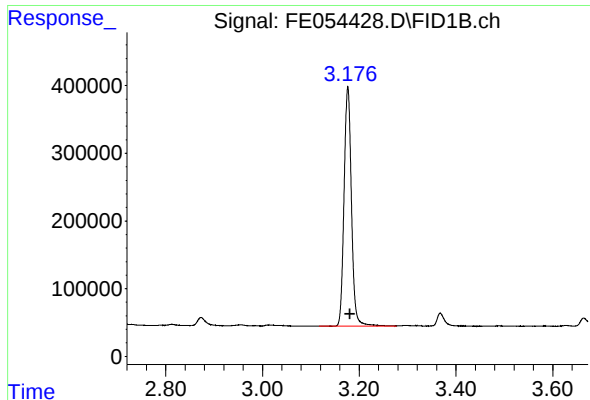
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#1 n-Nonane (C9)

R.T.: 3.176 min
Delta R.T.: -0.005 min
Response: 3733833
Conc: 30.07 ug/ml

Instrument :

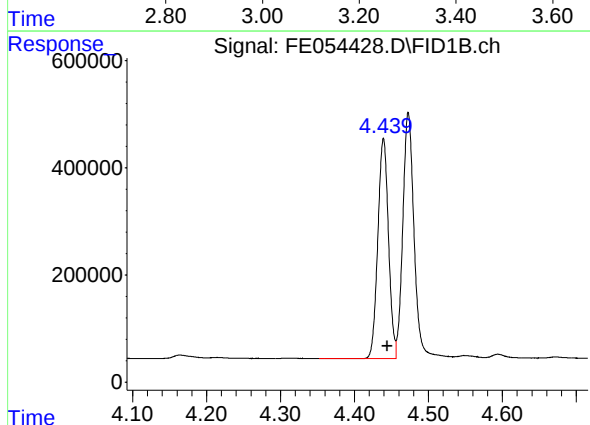
FID_E

ClientSampleId :

TP-8MS

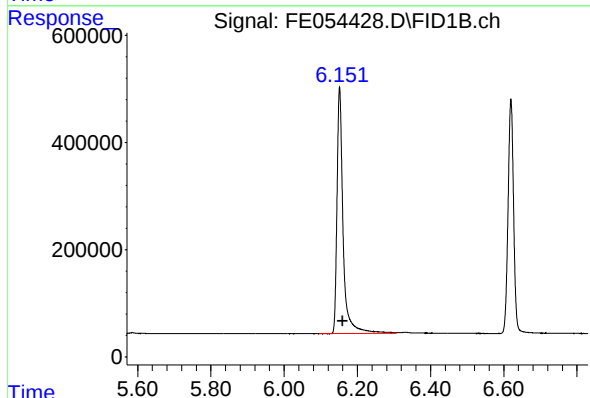
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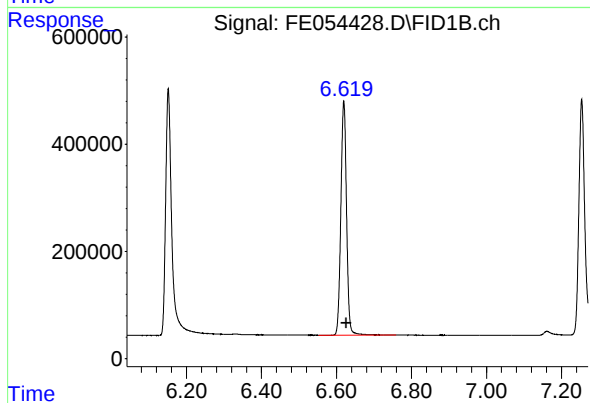
#2 n-Decane (C10)

R.T.: 4.439 min
Delta R.T.: -0.005 min
Response: 4100913
Conc: 33.00 ug/ml



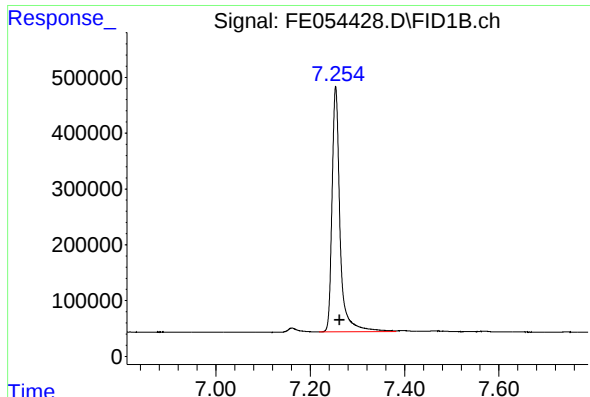
#3 A~Naphthalene (C11.7)

R.T.: 6.152 min
Delta R.T.: -0.008 min
Response: 5337489
Conc: 39.50 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.620 min
Delta R.T.: -0.007 min
Response: 4604038
Conc: 36.16 ug/ml



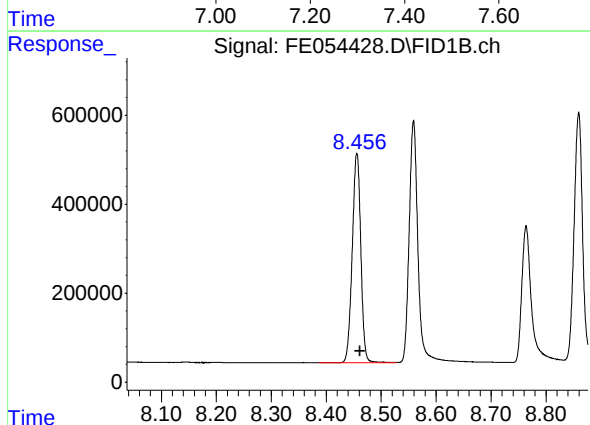
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.254 min
Delta R.T.: -0.008 min
Response: 5187320
Conc: 39.16 ug/ml

Instrument :
FID_E
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TP-8MS

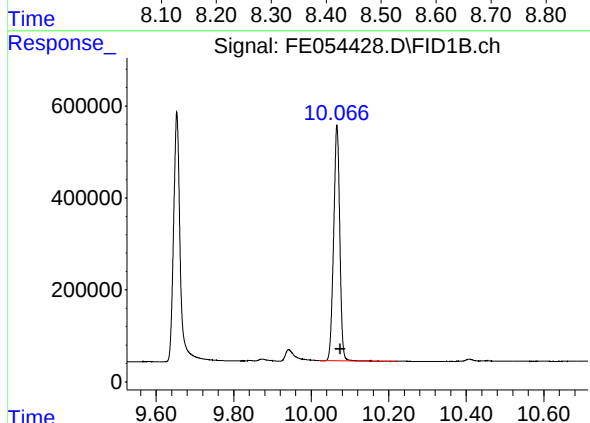
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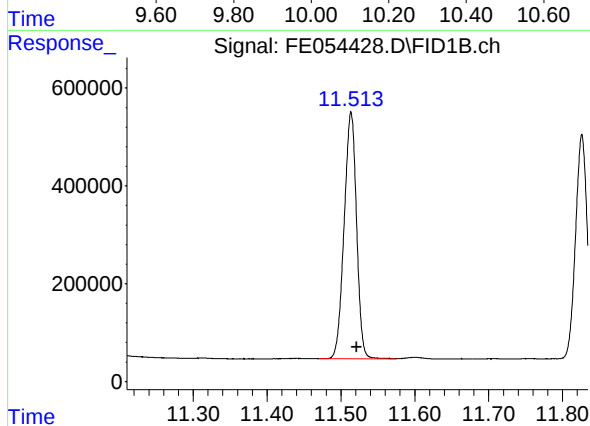
#6 n-Tetradecane (C14)

R.T.: 8.456 min
Delta R.T.: -0.006 min
Response: 5090784
Conc: 39.32 ug/ml



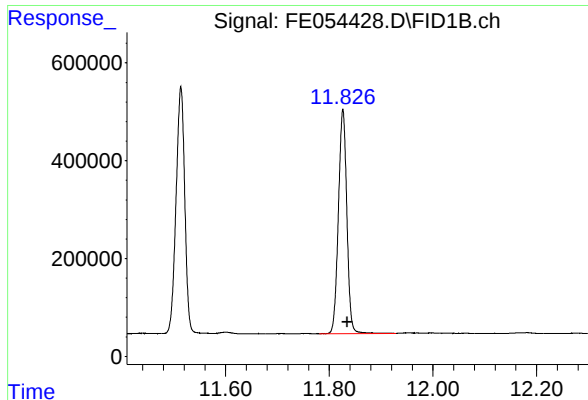
#7 n-Hexadecane (C16)

R.T.: 10.066 min
Delta R.T.: -0.008 min
Response: 5619238
Conc: 42.30 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.514 min
Delta R.T.: -0.007 min
Response: 5900447
Conc: 43.70 ug/ml



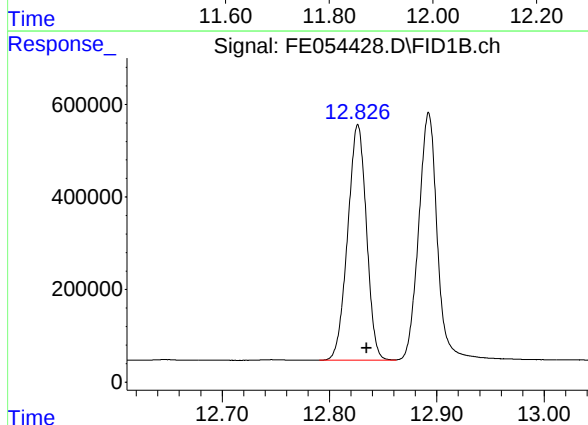
#9 ortho-Terphenyl (SURR)

R.T.: 11.826 min
Delta R.T.: -0.009 min
Response: 5173749
Conc: 31.31 ug/ml

Instrument :
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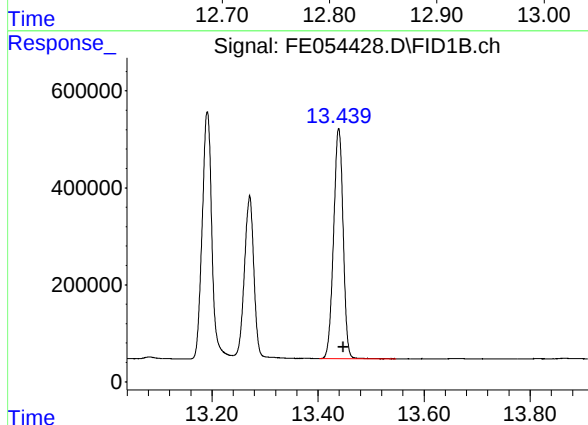
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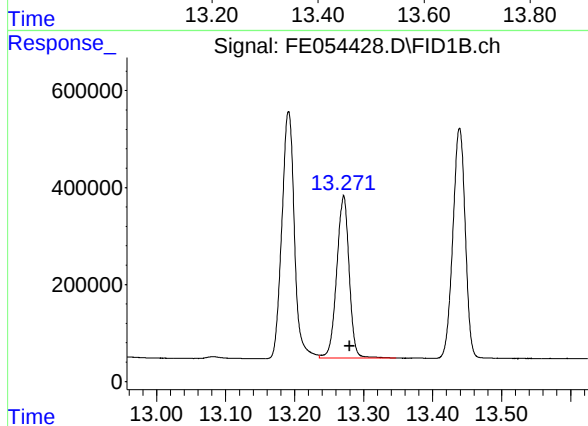
#10 n-Eicosane (C20)

R.T.: 12.826 min
Delta R.T.: -0.008 min
Response: 6178309
Conc: 46.18 ug/ml



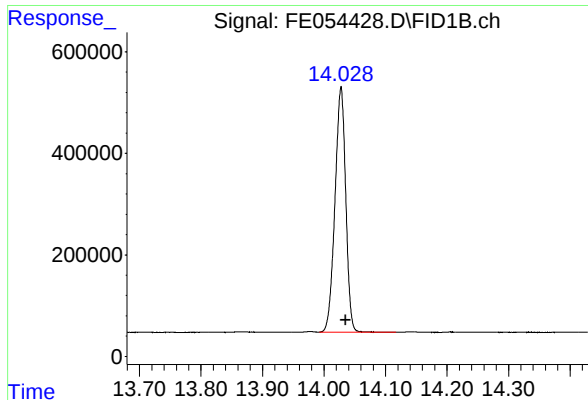
#11 n-Heneicosane (C21)

R.T.: 13.439 min
Delta R.T.: -0.009 min
Response: 5930962
Conc: 44.60 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.271 min
Delta R.T.: -0.009 min
Response: 4199952
Conc: 34.44 ug/ml m



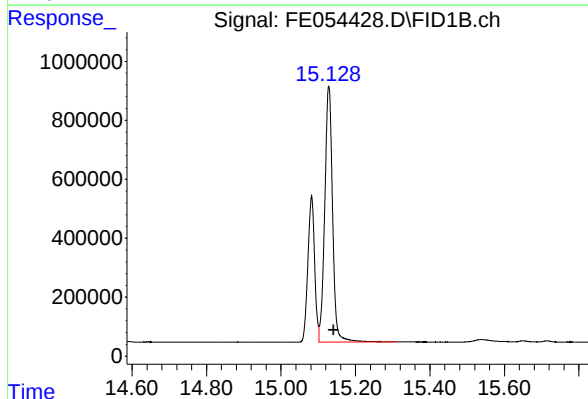
#13 n-Docosane (C22)

R.T.: 14.028 min
Delta R.T.: -0.008 min
Response: 5878997
Conc: 44.84 ug/ml

Instrument :
FID_E
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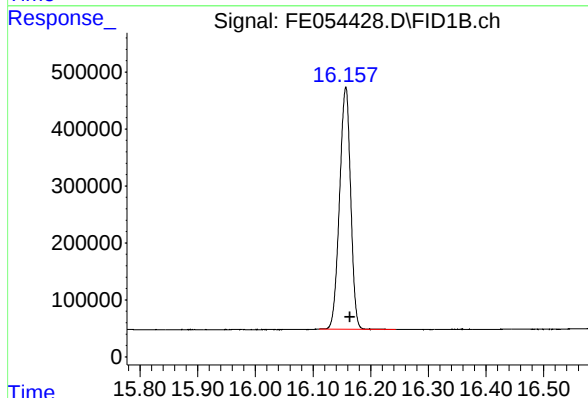
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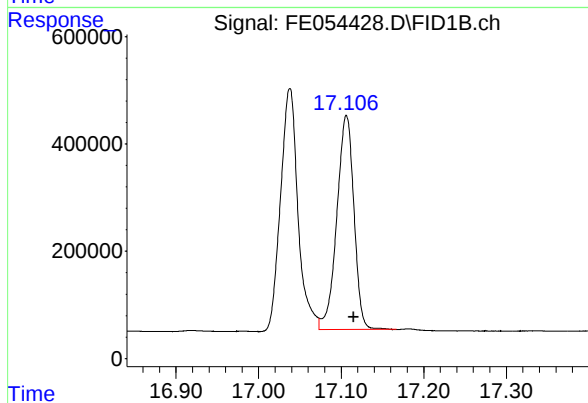
#14 n-Tetracosane (C24)

R.T.: 15.128 min
Delta R.T.: -0.013 min
Response: 12666402
Conc: 98.19 ug/ml



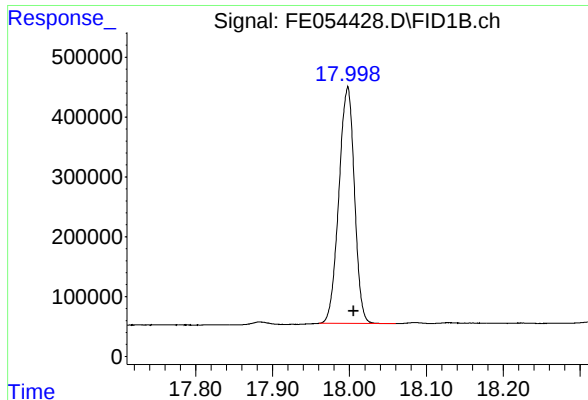
#15 n-Hexacosane (C26)

R.T.: 16.157 min
Delta R.T.: -0.008 min
Response: 5672565
Conc: 45.19 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.106 min
Delta R.T.: -0.009 min
Response: 5748130
Conc: 46.87 ug/ml m



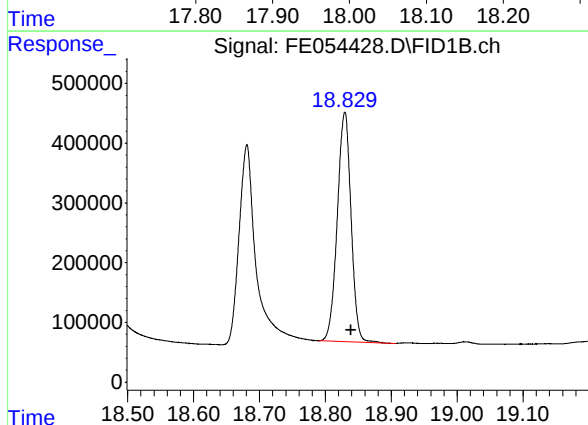
#17 n-Tricontane (C30)

R.T.: 17.997 min
Delta R.T.: -0.008 min
Response: 5551693
Conc: 44.79 ug/ml

Instrument :
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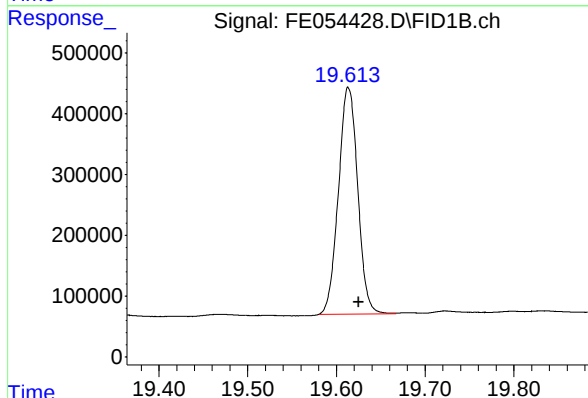
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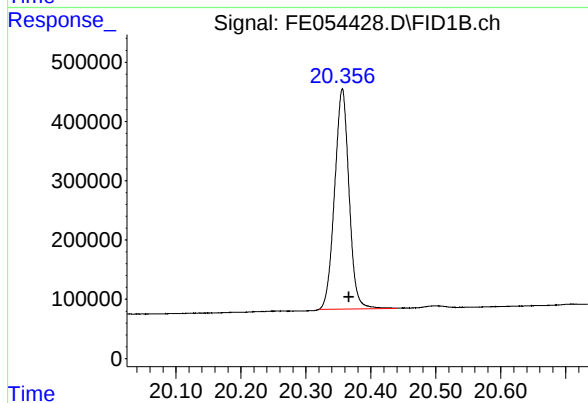
#18 n-Dotriacontane (C32)

R.T.: 18.829 min
Delta R.T.: -0.010 min
Response: 5576783
Conc: 44.39 ug/ml



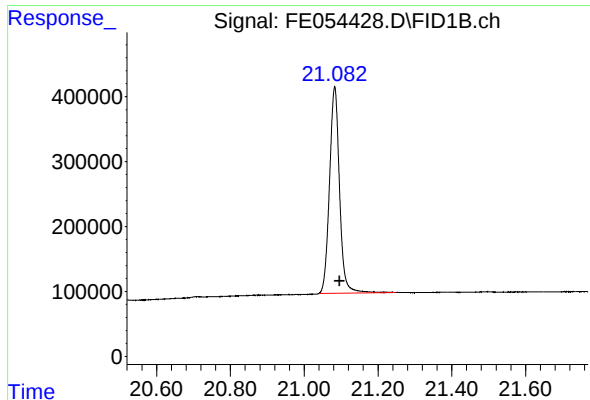
#19 n-Tetratriacontane (C34)

R.T.: 19.614 min
Delta R.T.: -0.012 min
Response: 5656330
Conc: 45.47 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.356 min
Delta R.T.: -0.010 min
Response: 5729951
Conc: 44.51 ug/ml



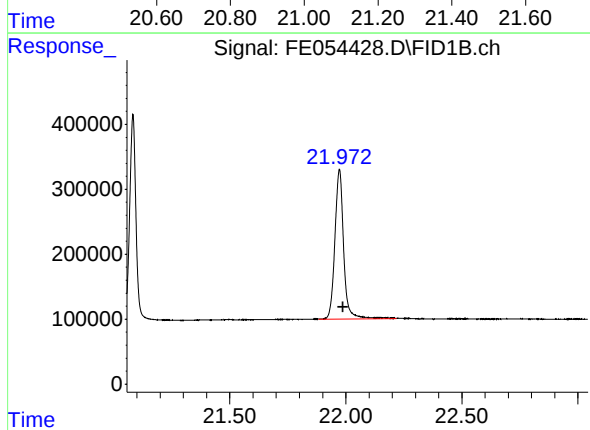
#21 n-Octatriacontane (C38)

R.T.: 21.083 min
Delta R.T.: -0.013 min
Response: 5988347
Conc: 45.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.972 min
Delta R.T.: -0.016 min
Response: 6061480
Conc: 45.00 ug/ml m