

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092024AL\
 Data File : FE050275.D
 Signal(s) : FID1B.ch
 Acq On : 21 Sep 2024 09:02
 Operator : YP\AJ
 Sample : P4126-01MS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

NB-08-09192024MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/23/2024

Supervised By :Ankita Jodhani 09/23/2024

Integration File: autoint1.e

Quant Time: Sep 23 00:43:49 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M

Quant Title : GC Extractables

QLast Update : Mon Sep 09 17:11:47 2024

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)	11.871	5909338	39.719 ug/ml
Spiked Amount 50.000		Recovery =	79.44%
12) S 1-chlorooctadecane (S...	13.304	4951708	44.083 ug/ml
Spiked Amount 50.000		Recovery =	88.17%
Target Compounds			
1) T n-Nonane (C9)	3.258	4286295	31.623 ug/mlm
2) T n-Decane (C10)	4.510	4844766	35.104 ug/ml
3) T A~Naphthalene (C11.7)	6.217	5408632	38.642 ug/ml
4) T n-Dodecane (C12)	6.677	5358617	38.751 ug/ml
5) T A~2-methylnaphthalene...	7.313	5257664	40.001 ug/ml
6) T n-Tetradecane (C14)	8.505	6375223	46.817 ug/ml
7) T n-Hexadecane (C16)	10.110	6820107	49.100 ug/ml
8) T n-Octadecane (C18)	11.552	6930236	49.466 ug/ml
10) T n-Eicosane (C20)	12.860	6895370	51.403 ug/ml
11) T n-Heneicosane (C21)	13.471	6758261	51.434 ug/ml
13) T n-Docosane (C22)	14.056	6505579	49.959 ug/ml
14) T n-Tetracosane (C24)	15.155	12564854	96.216 ug/ml
15) T n-Hexacosane (C26)	16.178	6375935	49.836 ug/ml
16) T n-Octacosane (C28)	17.128	7174350	55.698 ug/ml
17) T n-Tricontane (C30)	18.015	6795768	50.820 ug/ml
18) T n-Dotriacontane (C32)	18.847	6852516	51.423 ug/ml
19) T n-Tetratriacontane (C34)	19.630	7160538	57.951 ug/ml
20) T n-Hexatriacontane (C36)	20.370	7356894	66.308 ug/ml
21) T n-Octatriacontane (C38)	21.094	7274505	65.964 ug/ml
22) T n-Tetracontane (C40)	21.986	6567155	60.352 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092024AL\
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Operator : YP\AJ
Sample : P4126-01MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

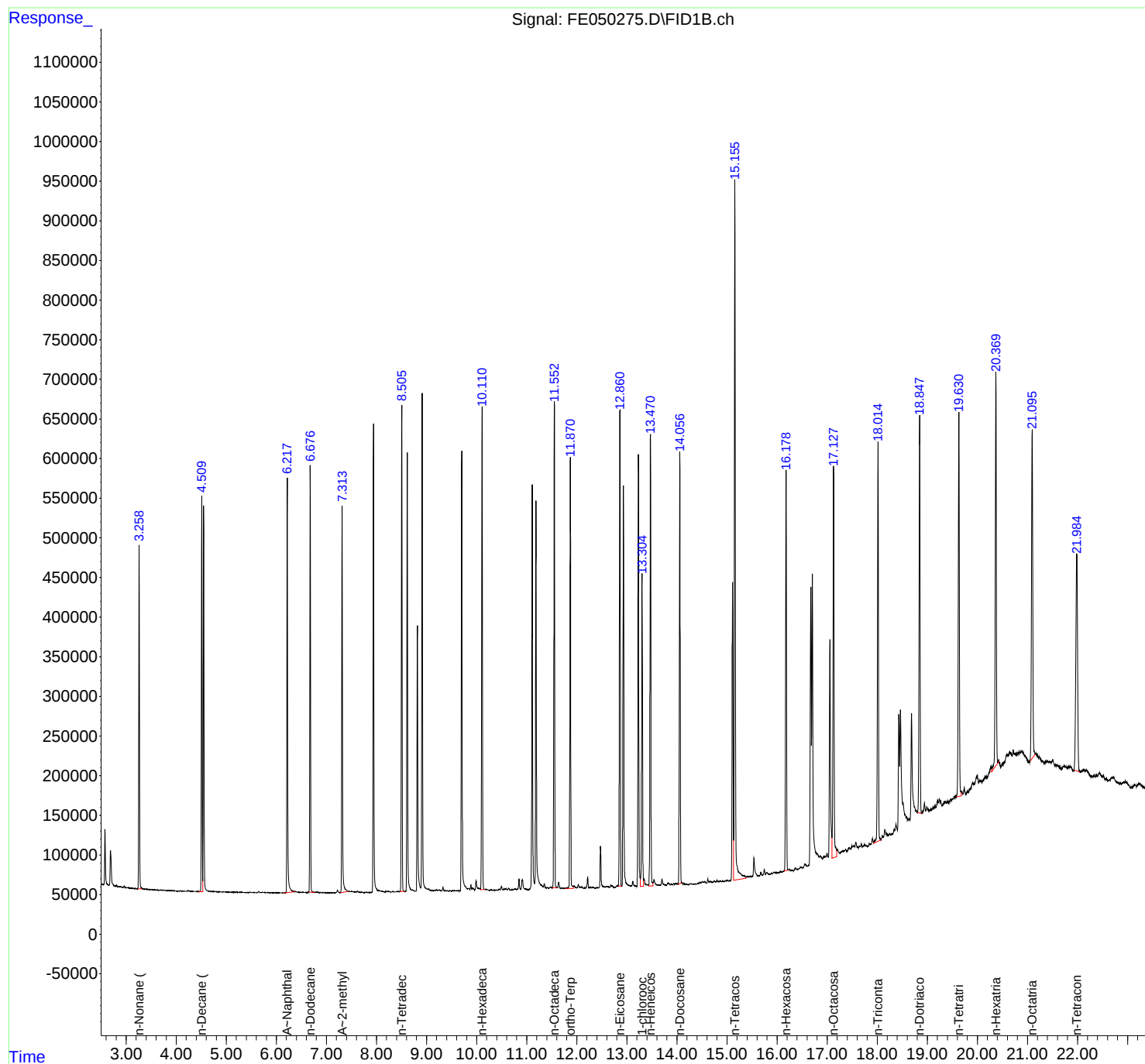
Instrument :
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ClientSampleId :
NB-08-09192024MS

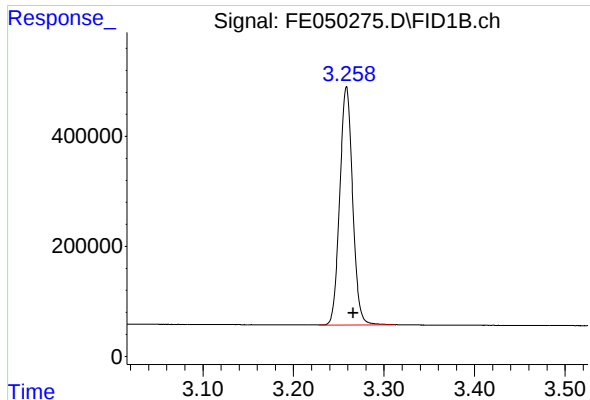
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Integration File: autoint1.e
Quant Time: Sep 23 00:43:49 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.
Quant Title : GC Extractables
QLast Update : Mon Sep 09 17:11:47 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.258 min
Delta R.T.: -0.008 min
Response: 4286295
Conc: 31.62 ug/ml

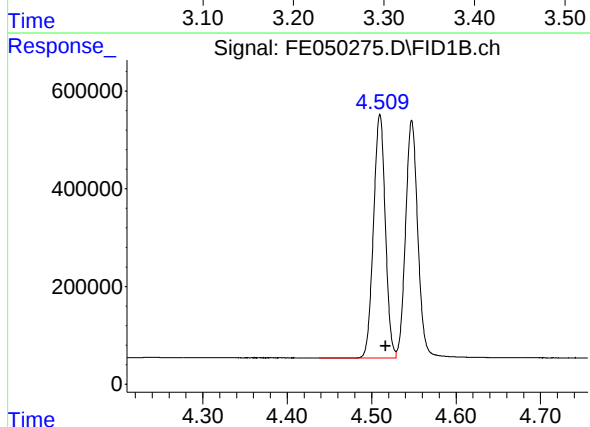
Instrument :

FID_E

ClientSampleId :
NB-08-09192024MS

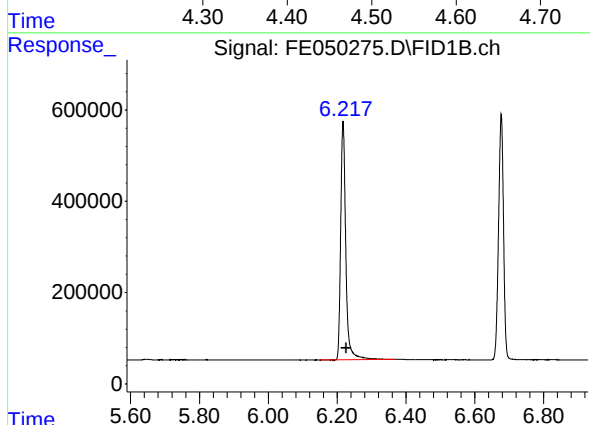
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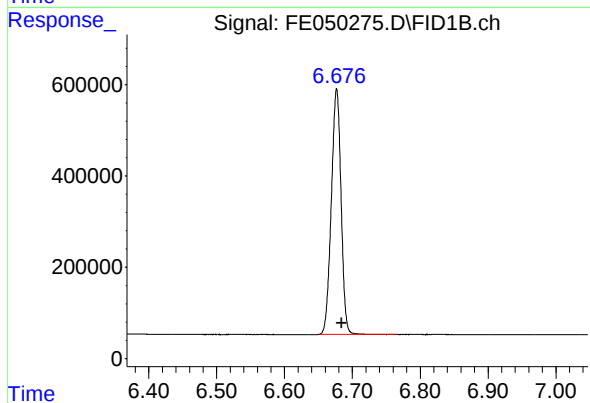
#2 n-Decane (C10)

R.T.: 4.510 min
Delta R.T.: -0.007 min
Response: 4844766
Conc: 35.10 ug/ml



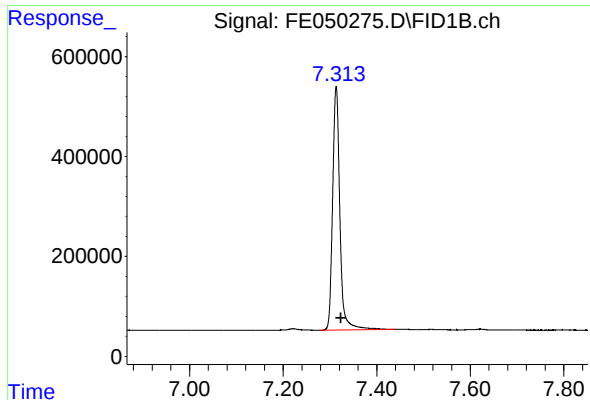
#3 A~Naphthalene (C11.7)

R.T.: 6.217 min
Delta R.T.: -0.010 min
Response: 5408632
Conc: 38.64 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.677 min
Delta R.T.: -0.007 min
Response: 5358617
Conc: 38.75 ug/ml



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

R.T.: 7.313 min
Delta R.T.: -0.010 min
Response: 5257664
Conc: 40.00 ug/ml

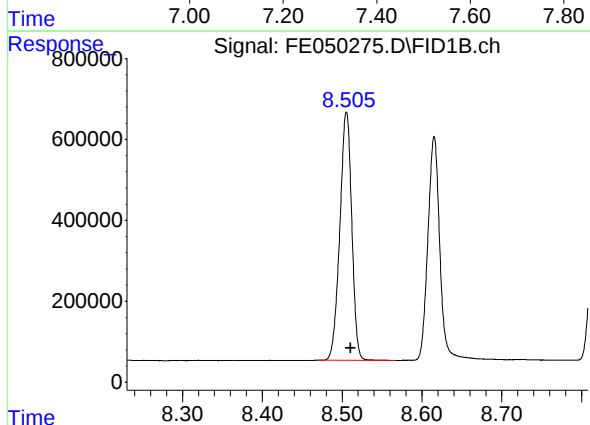
Instrument :

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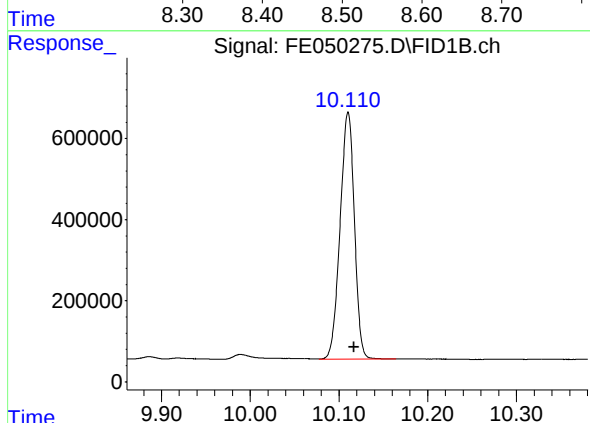
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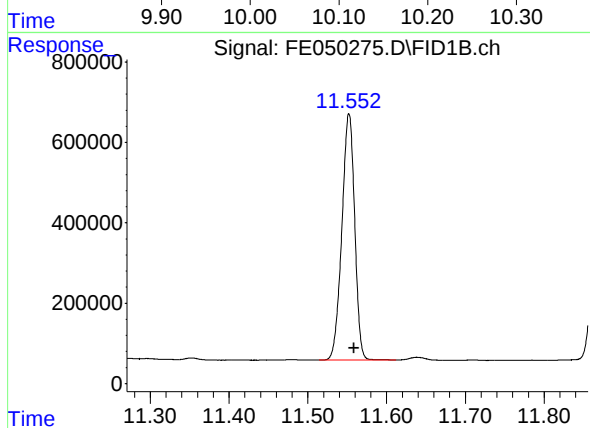
#6 n-Tetradecane (C14)

R.T.: 8.505 min
Delta R.T.: -0.005 min
Response: 6375223
Conc: 46.82 ug/ml



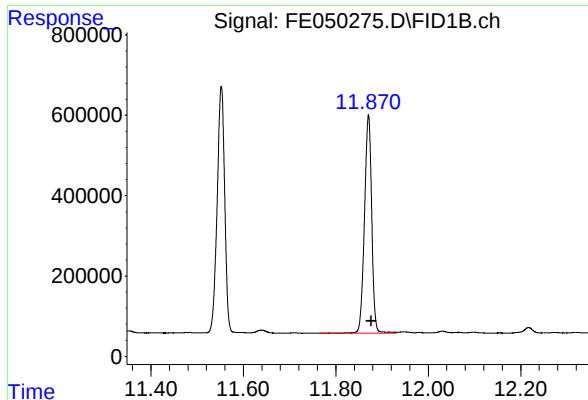
#7 n-Hexadecane (C16)

R.T.: 10.110 min
Delta R.T.: -0.007 min
Response: 6820107
Conc: 49.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.552 min
Delta R.T.: -0.006 min
Response: 6930236
Conc: 49.47 ug/ml



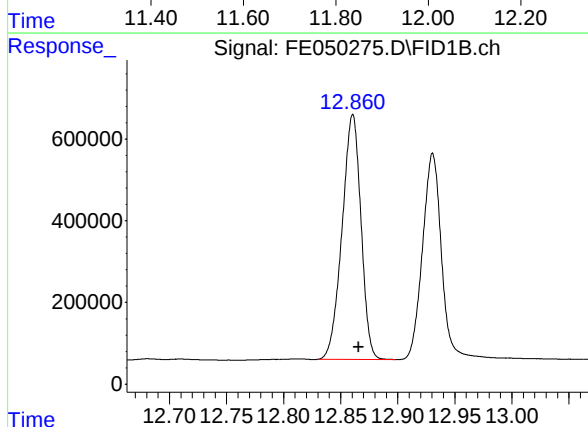
#9 ortho-Terphenyl (SURR)

R.T.: 11.871 min
Delta R.T.: -0.006 min
Response: 5909338
Conc: 39.72 ug/ml

Instrument :
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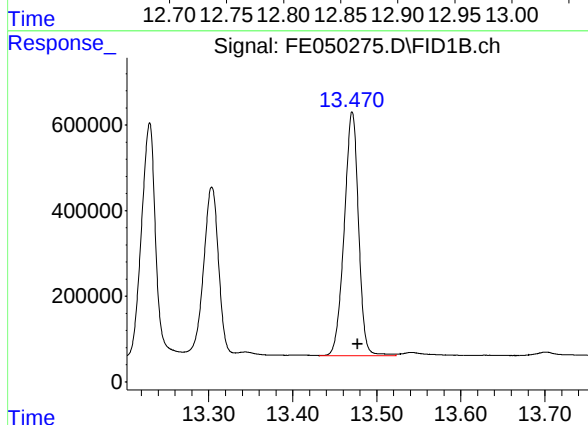
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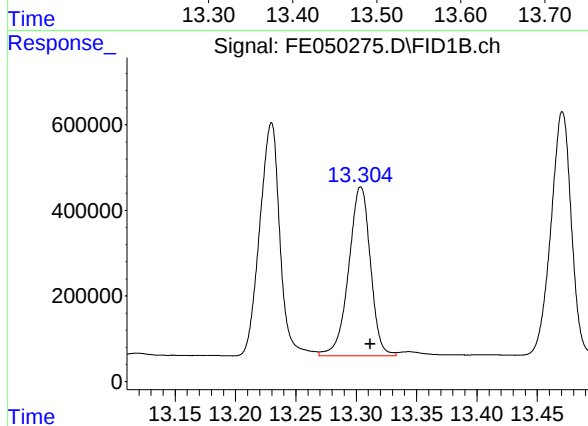
#10 n-Eicosane (C20)

R.T.: 12.860 min
Delta R.T.: -0.005 min
Response: 6895370
Conc: 51.40 ug/ml



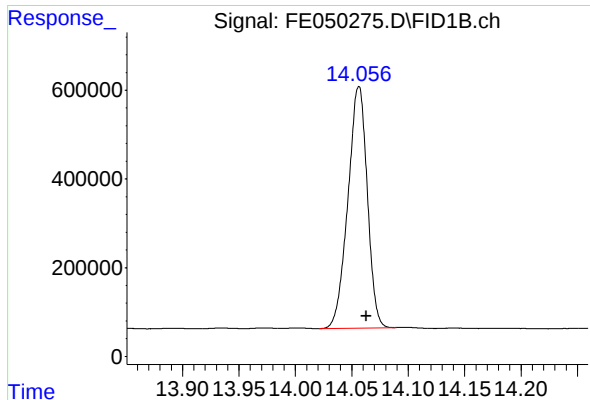
#11 n-Heneicosane (C21)

R.T.: 13.471 min
Delta R.T.: -0.007 min
Response: 6758261
Conc: 51.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.304 min
Delta R.T.: -0.008 min
Response: 4951708
Conc: 44.08 ug/ml



#13 n-Docosane (C22)

R.T.: 14.056 min
Delta R.T.: -0.007 min
Response: 6505579
Conc: 49.96 ug/ml

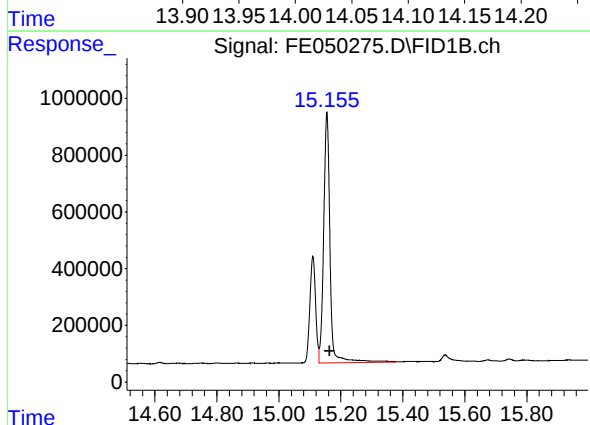
Instrument :

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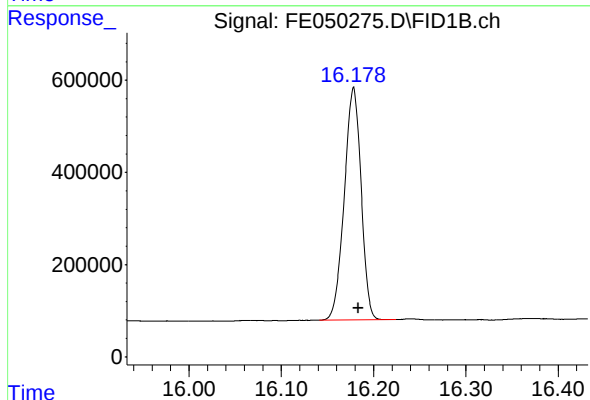
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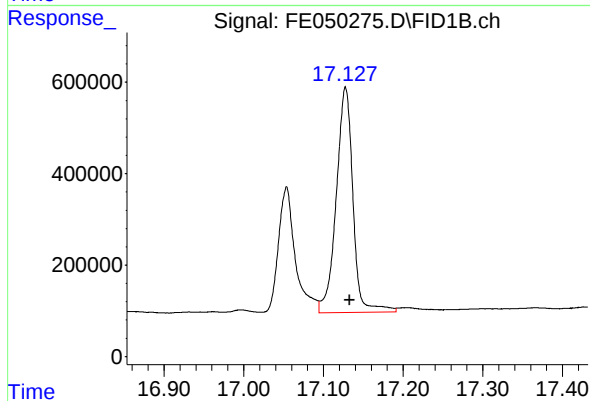
#14 n-Tetracosane (C24)

R.T.: 15.155 min
Delta R.T.: -0.009 min
Response: 12564854
Conc: 96.22 ug/ml



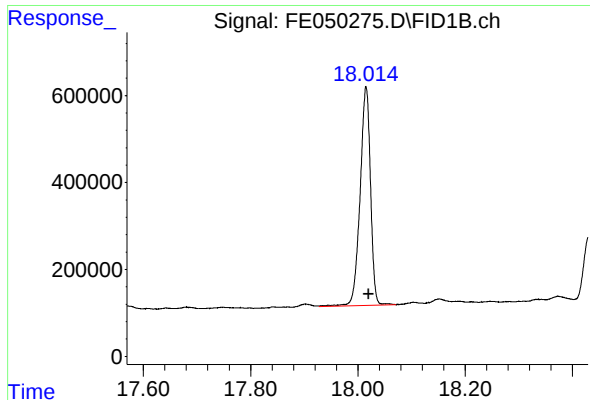
#15 n-Hexacosane (C26)

R.T.: 16.178 min
Delta R.T.: -0.006 min
Response: 6375935
Conc: 49.84 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.128 min
Delta R.T.: -0.006 min
Response: 7174350
Conc: 55.70 ug/ml



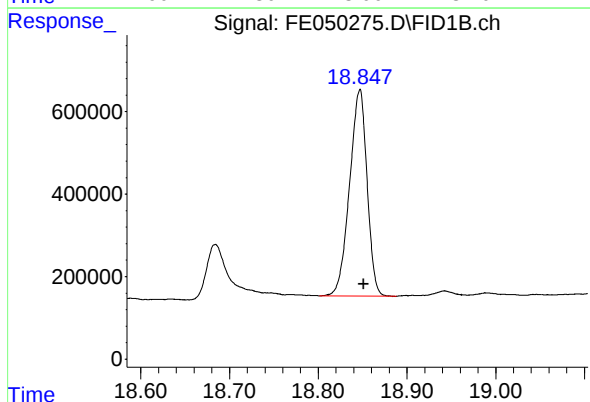
#17 n-Tricontane (C30)

R.T.: 18.015 min
Delta R.T.: -0.005 min
Response: 6795768
Conc: 50.82 ug/ml

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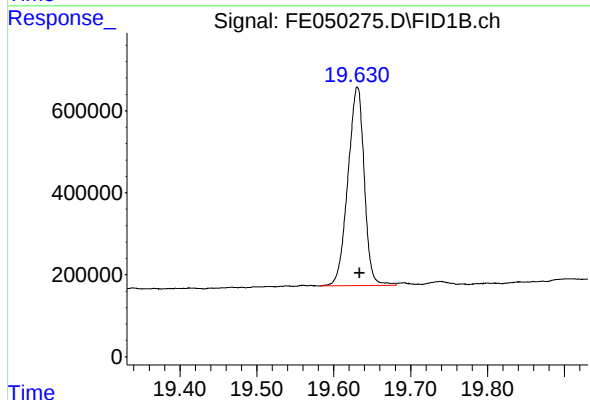
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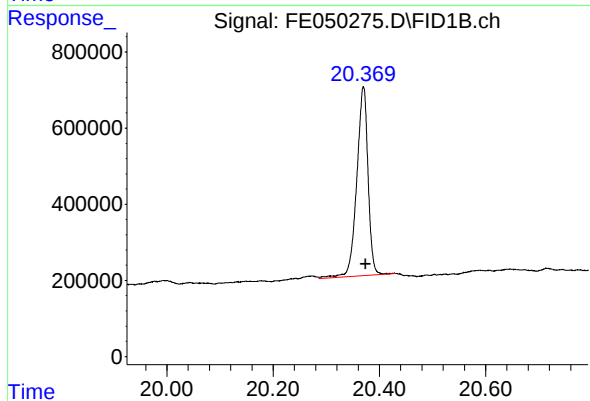
#18 n-Dotriacontane (C32)

R.T.: 18.847 min
Delta R.T.: -0.005 min
Response: 6852516
Conc: 51.42 ug/ml



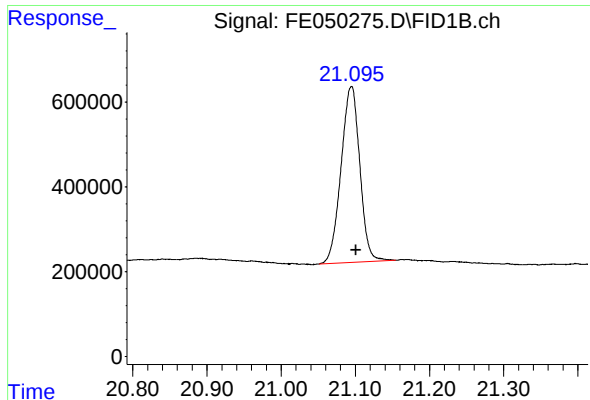
#19 n-Tetratriacontane (C34)

R.T.: 19.630 min
Delta R.T.: -0.003 min
Response: 7160538
Conc: 57.95 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.370 min
Delta R.T.: -0.004 min
Response: 7356894
Conc: 66.31 ug/ml



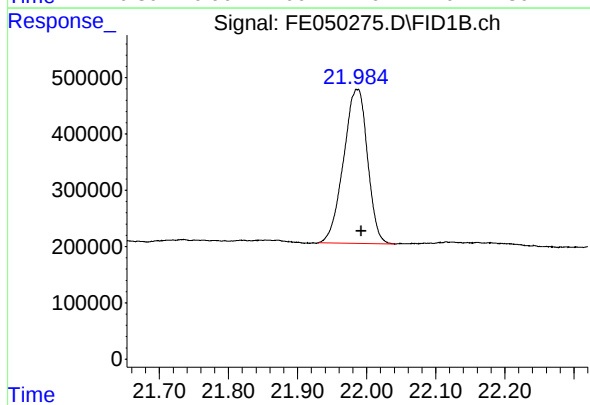
#21 n-Octatriacontane (C38)

R.T.: 21.094 min
Delta R.T.: -0.006 min
Response: 7274505
Conc: 65.96 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.986 min
Delta R.T.: -0.006 min
Response: 6567155
Conc: 60.35 ug/ml