

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121124AL\
 Data File : FE051625.D
 Signal(s) : FID1B.ch
 Acq On : 11 Dec 2024 15:47
 Operator : YP\AJ
 Sample : P5239-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WC-1MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :Ankita Jodhani 12/12/2024

Integration File: autoint1.e

Quant Time: Dec 12 00:36:03 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 120224.M

Quant Title : GC Extractables

QLast Update : Mon Dec 02 14:18:35 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)	11.826	4893317	32.381 ug/ml
Spiked Amount 50.000		Recovery =	64.76%
12) S 1-chlorooctadecane (S...	13.259	4346059	38.890 ug/ml
Spiked Amount 50.000		Recovery =	77.78%
Target Compounds			
1) T n-Nonane (C9)	3.217	4984851	35.568 ug/ml
2) T n-Decane (C10)	4.466	5887409	41.517 ug/ml
3) T A~Naphthalene (C11.7)	6.177	6399735	48.412 ug/ml
4) T n-Dodecane (C12)	6.632	6718665	47.201 ug/ml
5) T A~2-methylnaphthalene...	7.273	6098042	50.832 ug/ml
6) T n-Tetradecane (C14)	8.460	7127664	51.131 ug/ml
7) T n-Hexadecane (C16)	10.064	7288890	51.300 ug/ml
8) T n-Octadecane (C18)	11.506	7324844	50.970 ug/ml
10) T n-Eicosane (C20)	12.815	7385129	53.499 ug/mlm
11) T n-Heneicosane (C21)	13.424	7084559	52.266 ug/ml
13) T n-Docosane (C22)	14.010	7028082	52.487 ug/ml
14) T n-Tetracosane (C24)	15.115	13224190	100.081 ug/mlm
15) T n-Hexacosane (C26)	16.134	6851089	52.832 ug/ml
16) T n-Octacosane (C28)	17.081	8053155	63.165 ug/ml
17) T n-Tricontane (C30)	17.969	6888362	53.199 ug/ml
18) T n-Dotriacontane (C32)	18.798	7162112	57.211 ug/mlm
19) T n-Tetratriacontane (C34)	19.583	6852404	60.673 ug/ml
20) T n-Hexatriacontane (C36)	20.322	6916026	71.813 ug/ml
21) T n-Octatriacontane (C38)	21.042	7241670	79.539 ug/ml
22) T n-Tetracontane (C40)	21.918	7464329	85.174 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P5239-01MS
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ALS Vial : 16 Sample Multiplier: 1

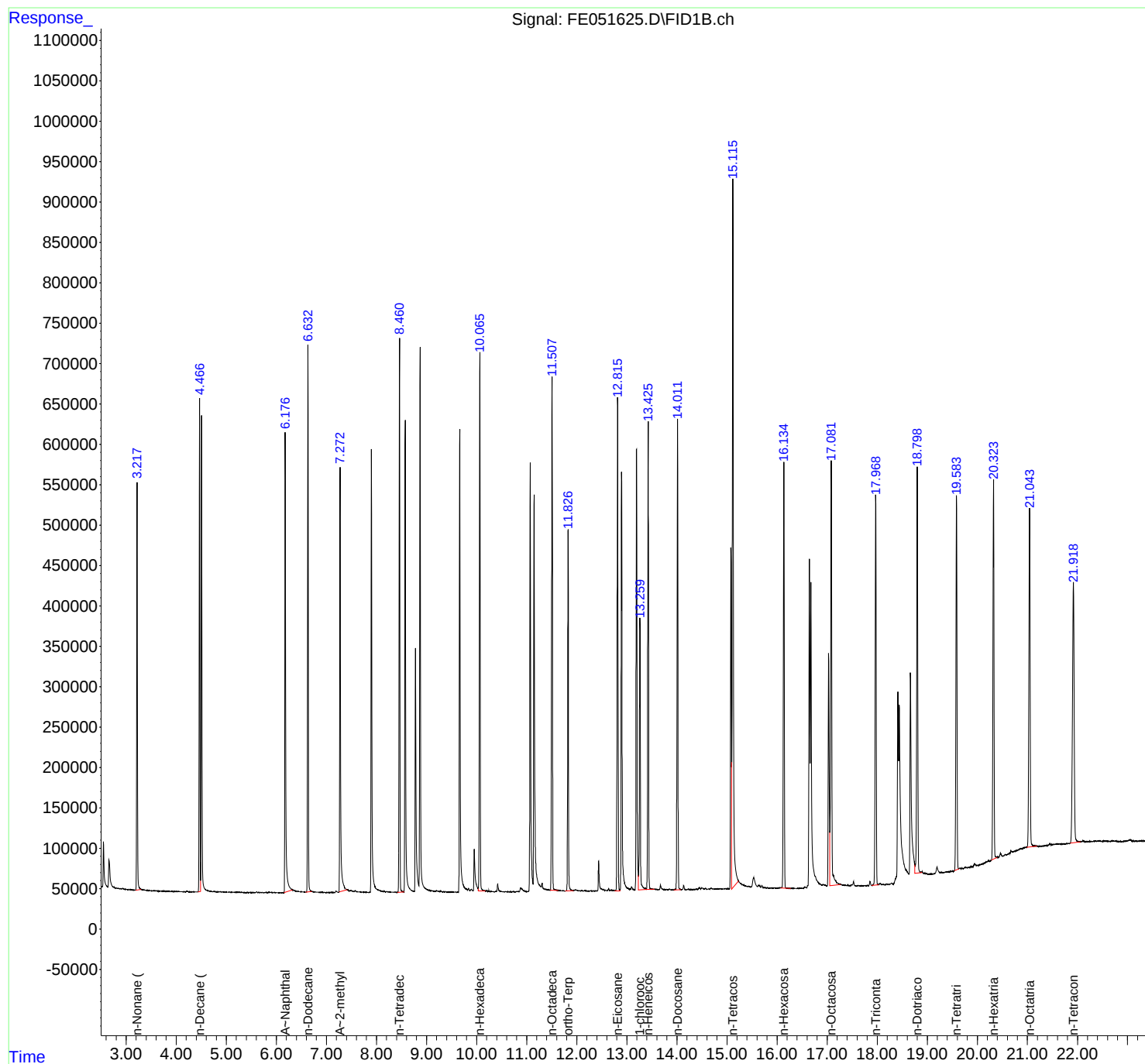
Instrument :
FID_E
ClientSampleId :
WC-1MS

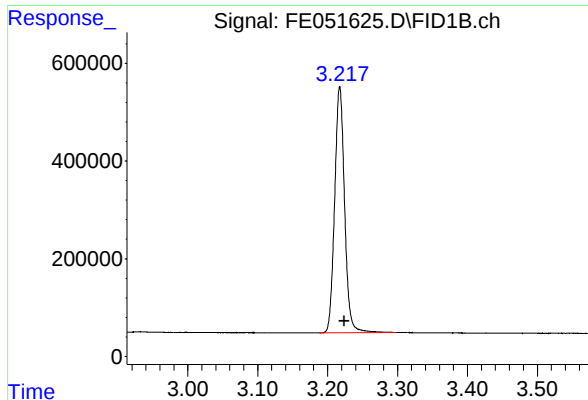
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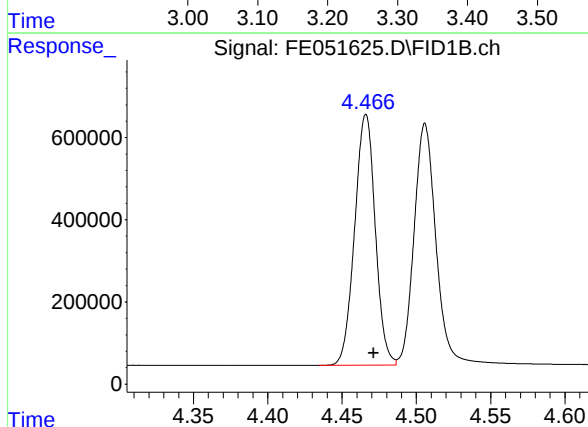
#1 n-Nonane (C9)

R.T.: 3.217 min
Delta R.T.: -0.007 min
Response: 4984851
Conc: 35.57 ug/ml

Instrument :
FID_E
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WC-1MS

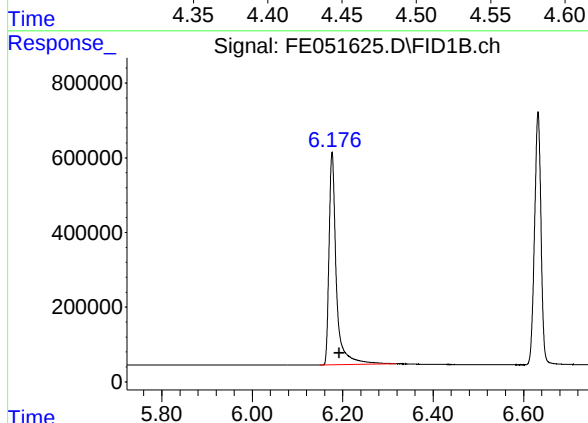
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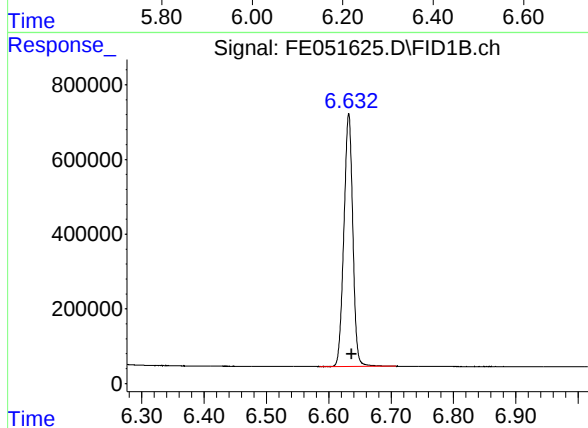
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.005 min
Response: 5887409
Conc: 41.52 ug/ml



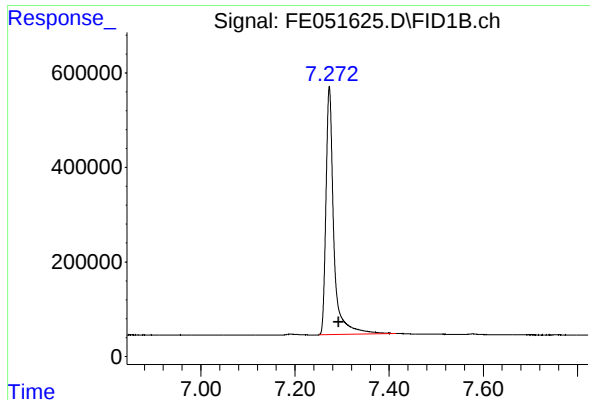
#3 A~Naphthalene (C11.7)

R.T.: 6.177 min
Delta R.T.: -0.016 min
Response: 6399735
Conc: 48.41 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.632 min
Delta R.T.: -0.005 min
Response: 6718665
Conc: 47.20 ug/ml



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

R.T.: 7.273 min
Delta R.T.: -0.019 min
Response: 6098042
Conc: 50.83 ug/ml

Instrument :

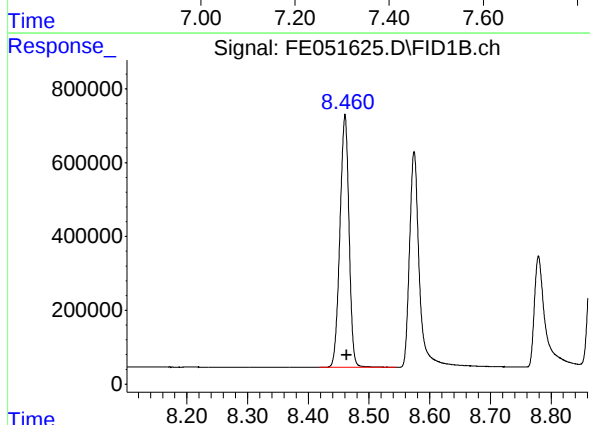
FID_E

ClientSampleId :

WC-1MS

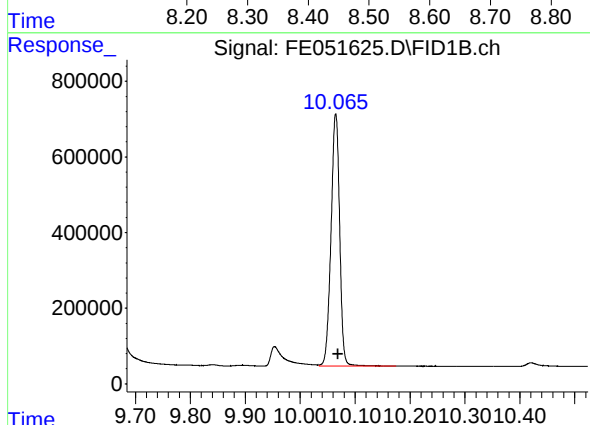
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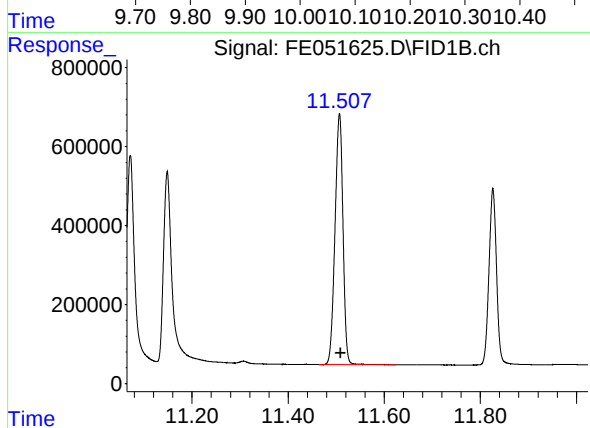
#6 n-Tetradecane (C14)

R.T.: 8.460 min
Delta R.T.: -0.003 min
Response: 7127664
Conc: 51.13 ug/ml



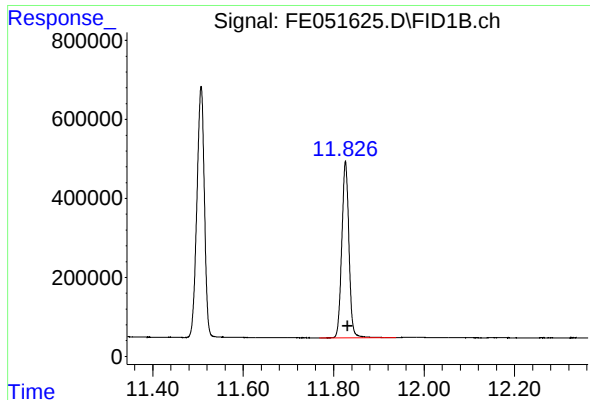
#7 n-Hexadecane (C16)

R.T.: 10.064 min
Delta R.T.: -0.005 min
Response: 7288890
Conc: 51.30 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.506 min
Delta R.T.: -0.003 min
Response: 7324844
Conc: 50.97 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.826 min
Delta R.T.: -0.005 min
Response: 4893317
Conc: 32.38 ug/ml

Instrument :

FID_E

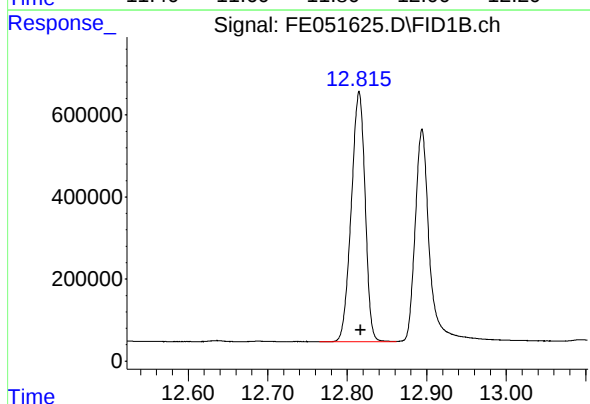
ClientSampleId :

WC-1MS

Manual Integrations

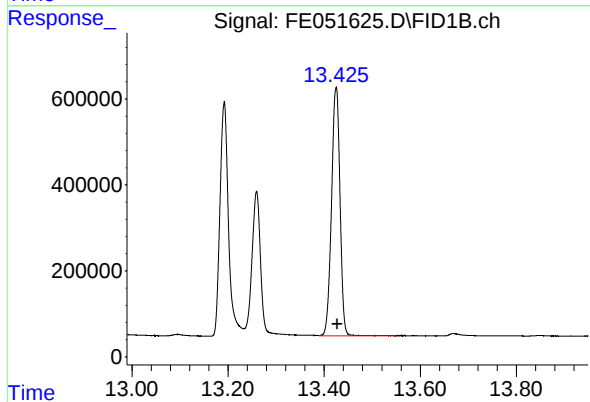
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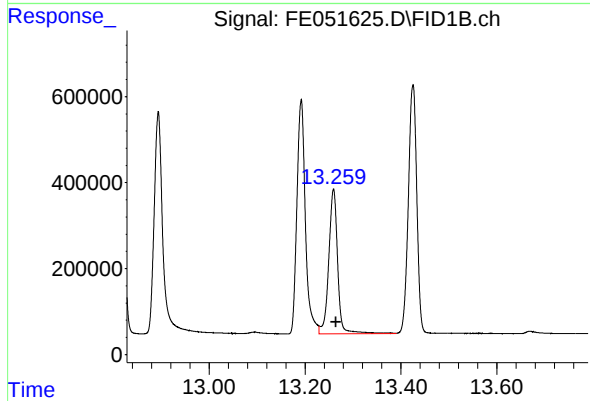
#10 n-Eicosane (C20)

R.T.: 12.815 min
Delta R.T.: -0.002 min
Response: 7385129
Conc: 53.50 ug/ml m



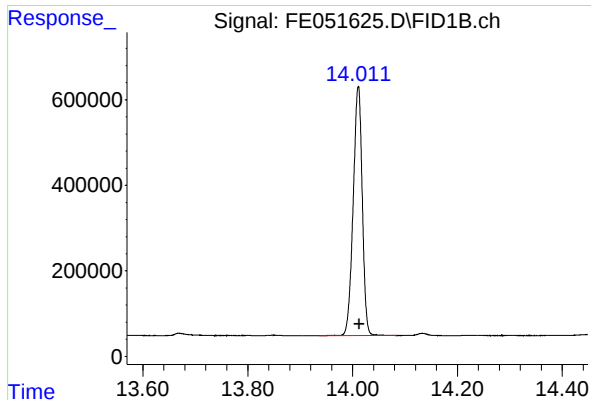
#11 n-Heneicosane (C21)

R.T.: 13.424 min
Delta R.T.: -0.003 min
Response: 7084559
Conc: 52.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.259 min
Delta R.T.: -0.005 min
Response: 4346059
Conc: 38.89 ug/ml



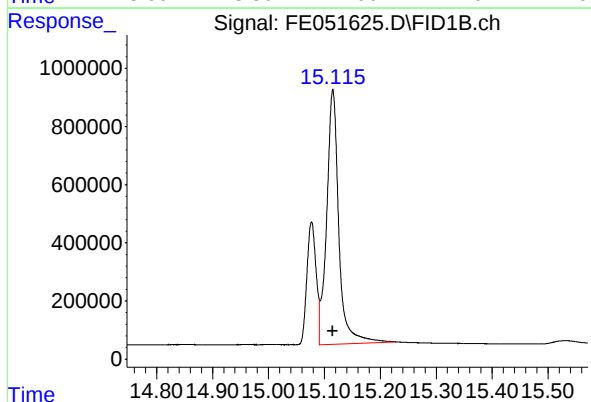
#13 n-Docosane (C22)

R.T.: 14.010 min
Delta R.T.: -0.003 min
Response: 7028082
Conc: 52.49 ug/ml

Instrument :
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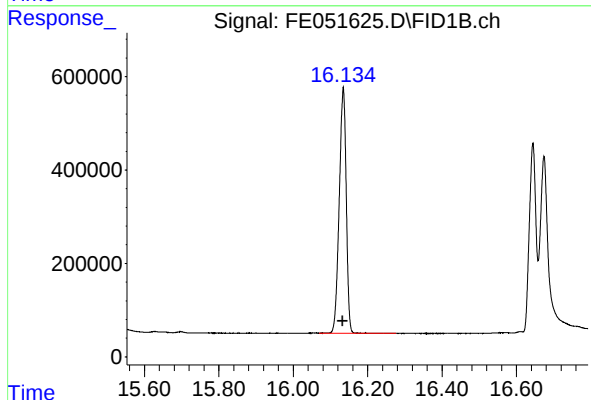
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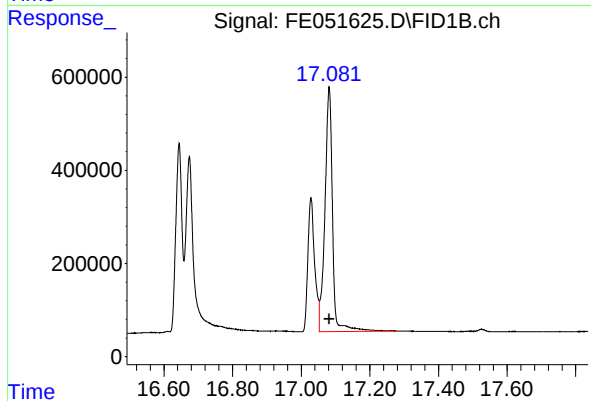
#14 n-Tetracosane (C24)

R.T.: 15.115 min
Delta R.T.: 0.000 min
Response: 13224190
Conc: 100.08 ug/ml m



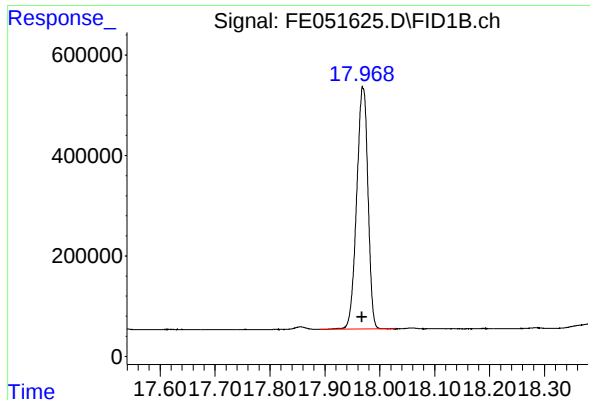
#15 n-Hexacosane (C26)

R.T.: 16.134 min
Delta R.T.: 0.000 min
Response: 6851089
Conc: 52.83 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.081 min
Delta R.T.: -0.001 min
Response: 8053155
Conc: 63.16 ug/ml



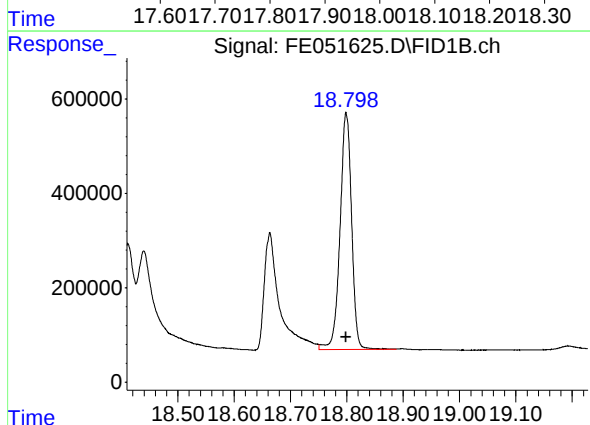
#17 n-Tricontane (C30)

R.T.: 17.969 min
Delta R.T.: 0.001 min
Response: 6888362
Conc: 53.20 ug/ml

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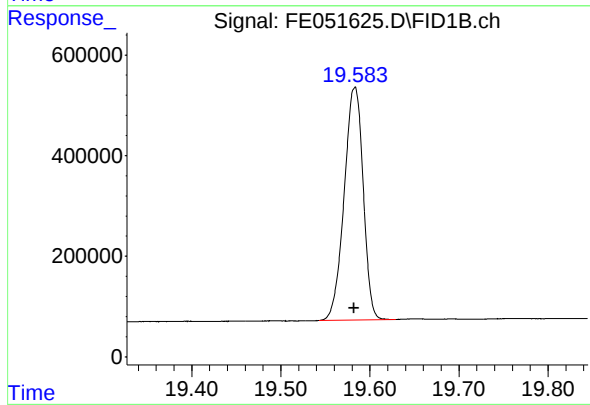
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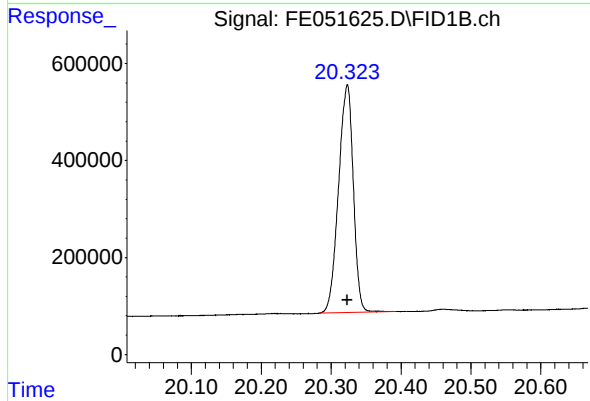
#18 n-Dotriacontane (C32)

R.T.: 18.798 min
Delta R.T.: 0.000 min
Response: 7162112
Conc: 57.21 ug/ml



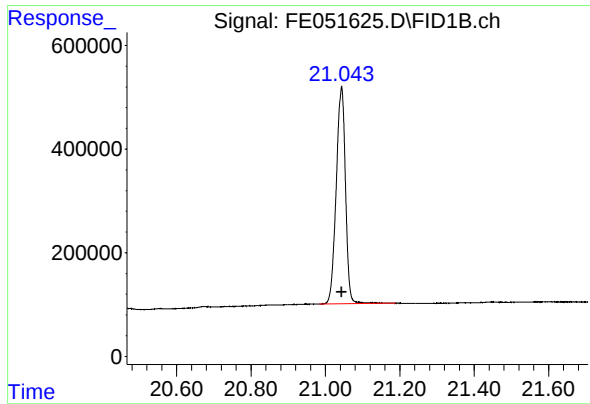
#19 n-Tetratriacontane (C34)

R.T.: 19.583 min
Delta R.T.: 0.000 min
Response: 6852404
Conc: 60.67 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.322 min
Delta R.T.: -0.001 min
Response: 6916026
Conc: 71.81 ug/ml



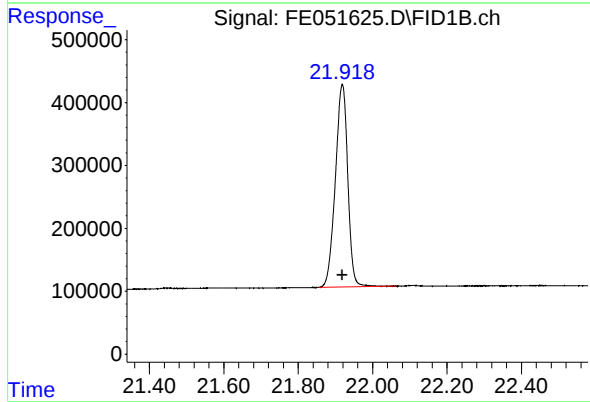
#21 n-Octatriacontane (C38)

R.T.: 21.042 min
Delta R.T.: -0.001 min
Response: 7241670
Conc: 79.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.918 min
Delta R.T.: -0.001 min
Response: 7464329
Conc: 85.17 ug/ml