

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012925AL\
 Data File : FE052125.D
 Signal(s) : FID1B.ch
 Acq On : 29 Jan 2025 17:55
 Operator : YP\AJ
 Sample : Q1209-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WC-4MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :Ankita Jodhani 01/30/2025

Integration File: autoint1.e

Quant Time: Jan 30 01:27:15 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M

Quant Title : GC Extractables

QLast Update : Thu Jan 16 16:05:07 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)	12.196	3959901	27.706 ug/ml
Spiked Amount 50.000		Recovery =	55.41%
12) S 1-chlorooctadecane (S...	13.611	3467429	30.227 ug/ml
Spiked Amount 50.000		Recovery =	60.45%
Target Compounds			
1) T n-Nonane (C9)	3.679	4025808	37.761 ug/ml
2) T n-Decane (C10)	4.906	4605086	42.064 ug/ml
3) T A~Naphthalene (C11.7)	6.598	5618457	46.236 ug/ml
4) T n-Dodecane (C12)	7.032	5126039	45.417 ug/ml
5) T A~2-methylnaphthalene...	7.678	5459831	45.733 ug/ml
6) T n-Tetradecane (C14)	8.839	5615408	48.280 ug/ml
7) T n-Hexadecane (C16)	10.432	5908210	46.846 ug/ml
8) T n-Octadecane (C18)	11.865	6036607	45.626 ug/ml
10) T n-Eicosane (C20)	13.167	6289968	47.980 ug/ml
11) T n-Heneicosane (C21)	13.775	5911572	45.417 ug/ml
13) T n-Docosane (C22)	14.359	5872866	44.751 ug/ml
14) T n-Tetracosane (C24)	15.461	11955254	90.004 ug/ml
15) T n-Hexacosane (C26)	16.474	5646851	42.719 ug/mlm
16) T n-Octacosane (C28)	17.418	5482702	41.540 ug/mlm
17) T n-Tricontane (C30)	18.304	5526556	40.535 ug/ml
18) T n-Dotriacontane (C32)	19.132	5427747	41.416 ug/ml
19) T n-Tetratriacontane (C34)	19.915	5200928	46.196 ug/ml
20) T n-Hexatriacontane (C36)	20.652	4783318	50.360 ug/mlm
21) T n-Octatriacontane (C38)	21.437	4518420	52.307 ug/mlm
22) T n-Tetracontane (C40)	22.435	4493279	54.523 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Signal(s) : FID1B.ch
Acq On : 29 Jan 2025 17:55
Operator : YP\AJ
Sample : Q1209-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

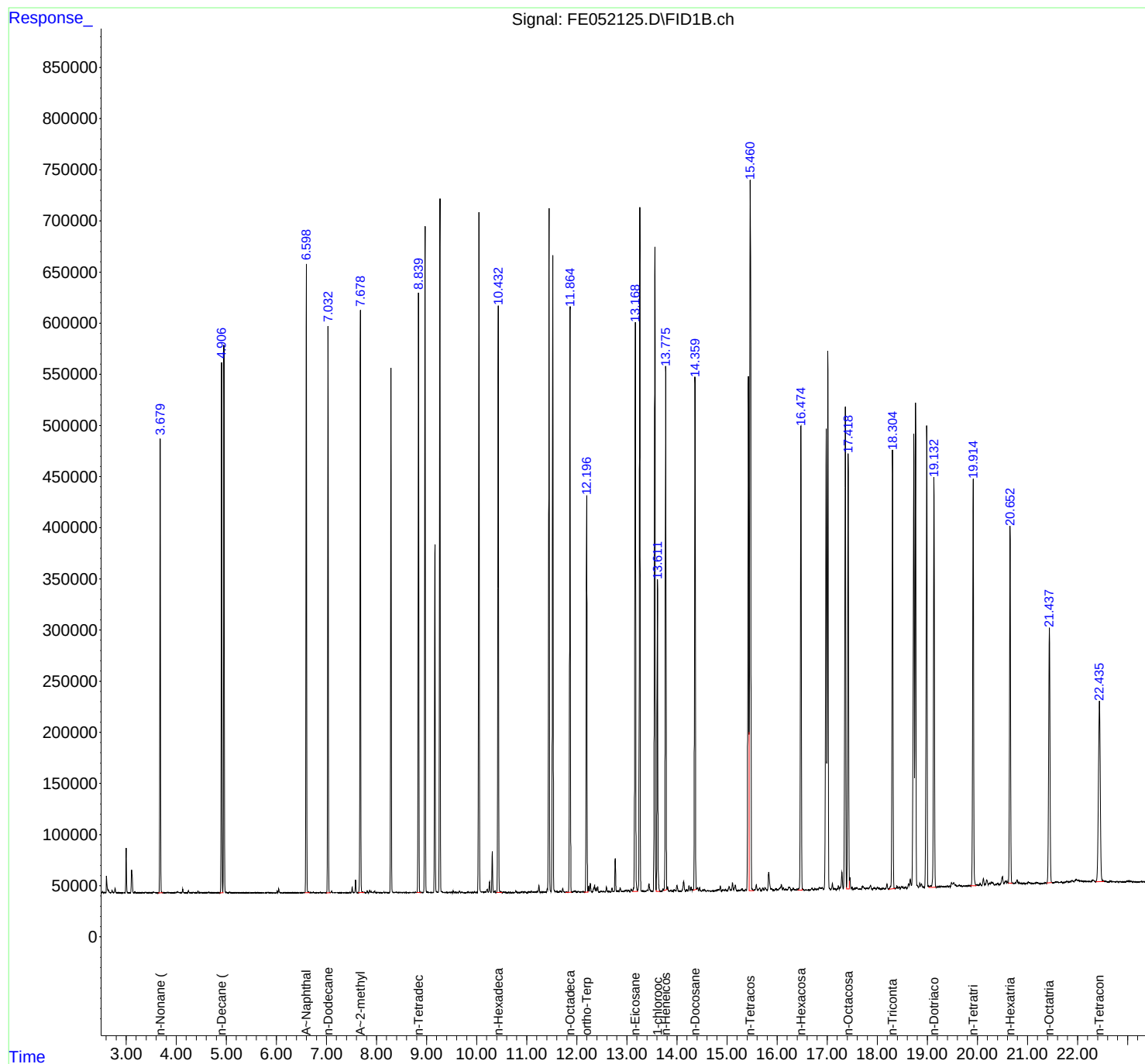
Instrument :
FID_E
ClientSampleId :
WC-4MS

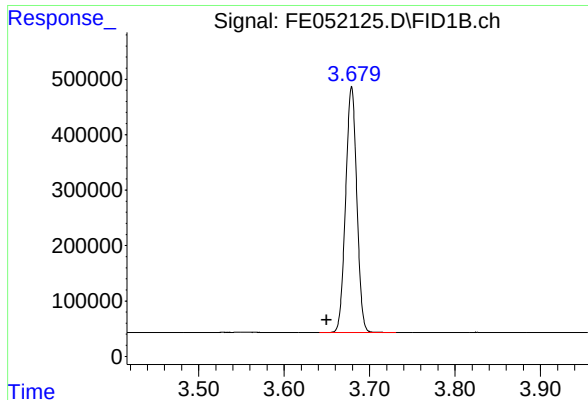
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Integration File: autoint1.e
Quant Time: Jan 30 01:27:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.
Quant Title : GC Extractables
QLast Update : Thu Jan 16 16:05:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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





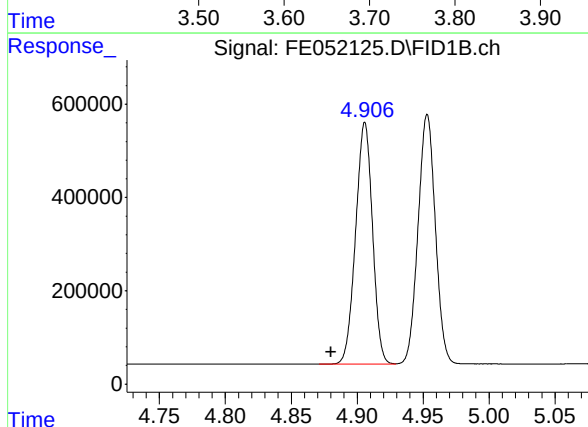
#1 n-Nonane (C9)

R.T.: 3.679 min
Delta R.T.: 0.029 min
Response: 4025808
Conc: 37.76 ug/ml

Instrument :
FID_E
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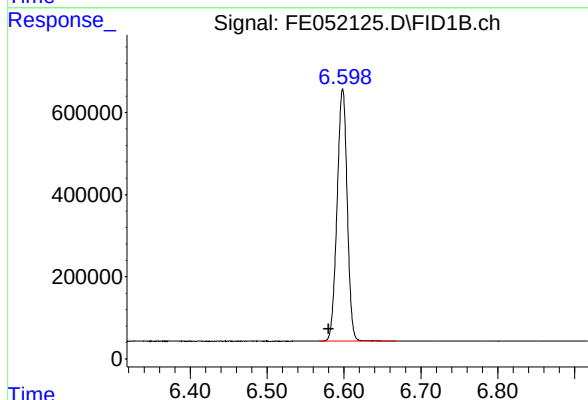
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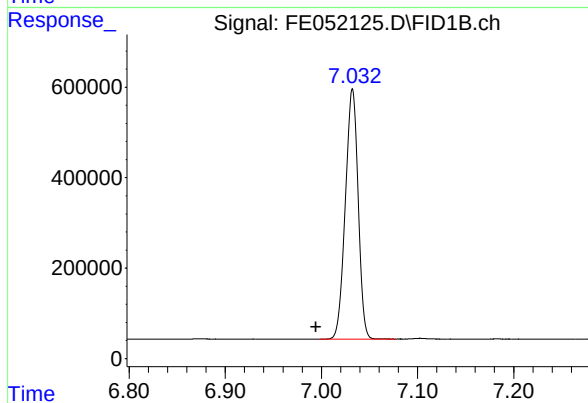
#2 n-Decane (C10)

R.T.: 4.906 min
Delta R.T.: 0.026 min
Response: 4605086
Conc: 42.06 ug/ml



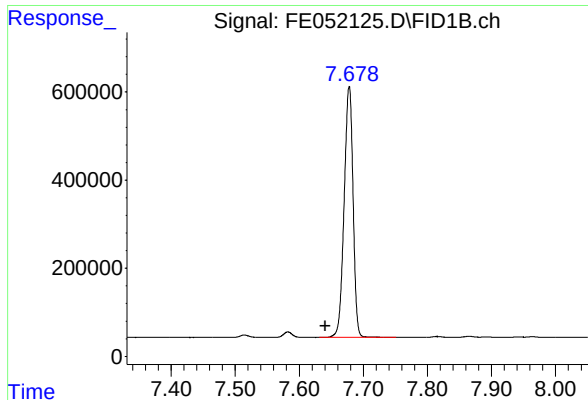
#3 A~Naphthalene (C11.7)

R.T.: 6.598 min
Delta R.T.: 0.018 min
Response: 5618457
Conc: 46.24 ug/ml



#4 n-Dodecane (C12)

R.T.: 7.032 min
Delta R.T.: 0.038 min
Response: 5126039
Conc: 45.42 ug/ml



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

R.T.: 7.678 min
Delta R.T.: 0.037 min
Response: 5459831
Conc: 45.73 ug/ml

Instrument :

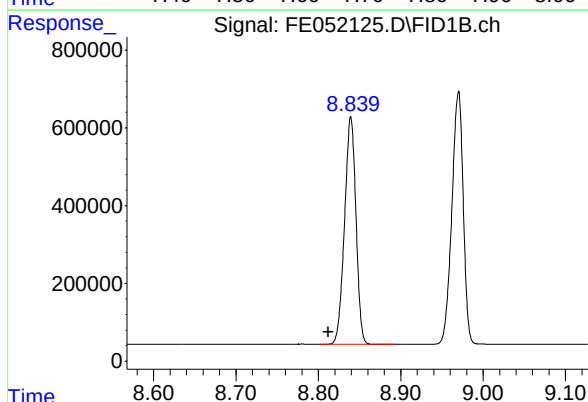
FID_E

ClientSampleId :

WC-4MS

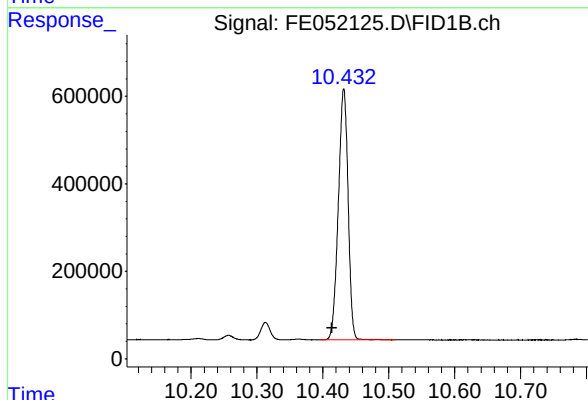
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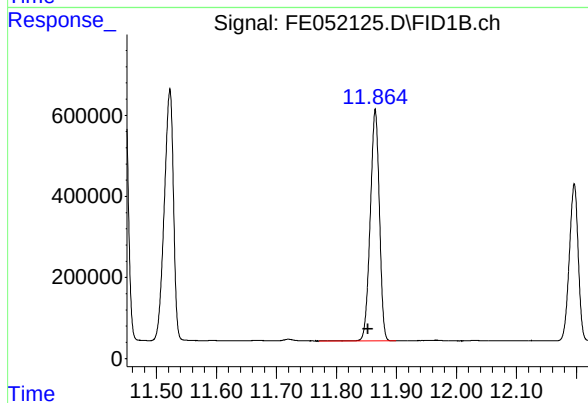
#6 n-Tetradecane (C14)

R.T.: 8.839 min
Delta R.T.: 0.027 min
Response: 5615408
Conc: 48.28 ug/ml



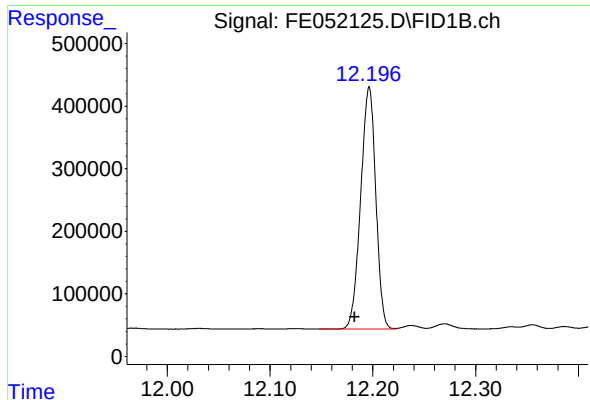
#7 n-Hexadecane (C16)

R.T.: 10.432 min
Delta R.T.: 0.018 min
Response: 5908210
Conc: 46.85 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.865 min
Delta R.T.: 0.012 min
Response: 6036607
Conc: 45.63 ug/ml



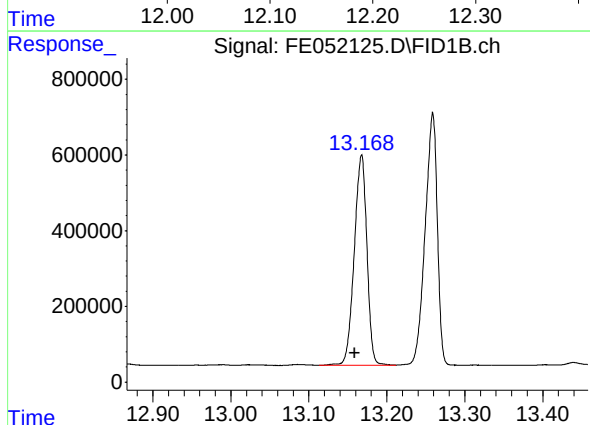
#9 ortho-Terphenyl (SURR)

R.T.: 12.196 min
Delta R.T.: 0.014 min
Response: 3959901
Conc: 27.71 ug/ml

Instrument :
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WC-4MS

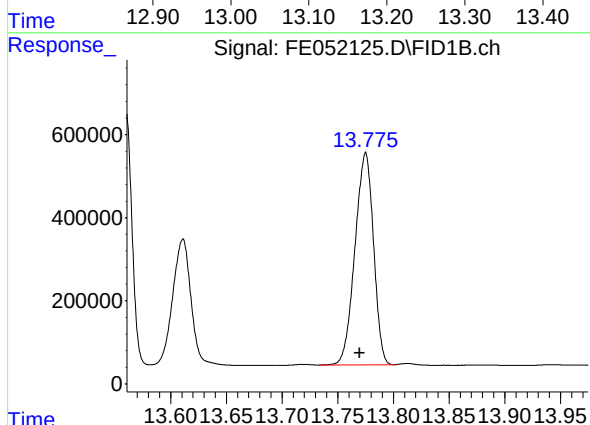
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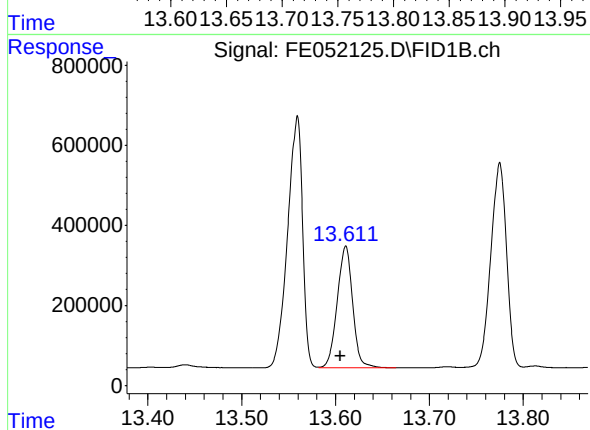
#10 n-Eicosane (C20)

R.T.: 13.167 min
Delta R.T.: 0.008 min
Response: 6289968
Conc: 47.98 ug/ml



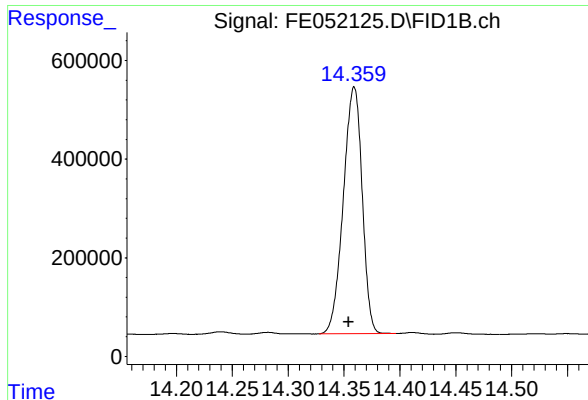
#11 n-Heneicosane (C21)

R.T.: 13.775 min
Delta R.T.: 0.005 min
Response: 5911572
Conc: 45.42 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.611 min
Delta R.T.: 0.006 min
Response: 3467429
Conc: 30.23 ug/ml



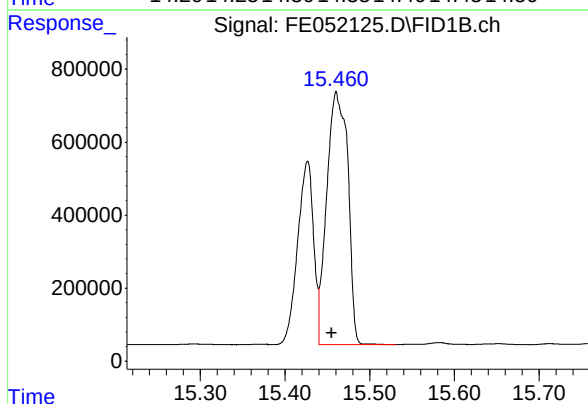
#13 n-Docosane (C22)

R.T.: 14.359 min
Delta R.T.: 0.005 min
Response: 5872866
Conc: 44.75 ug/ml

Instrument :
FID_E
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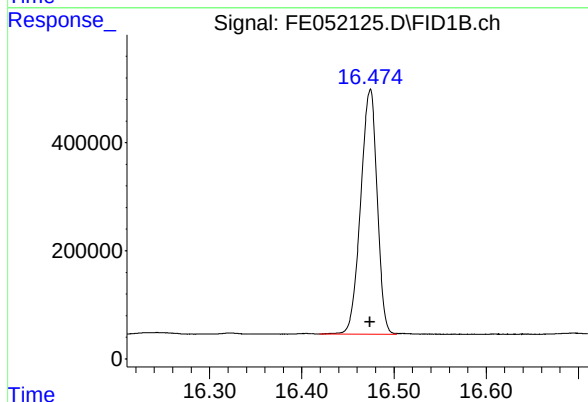
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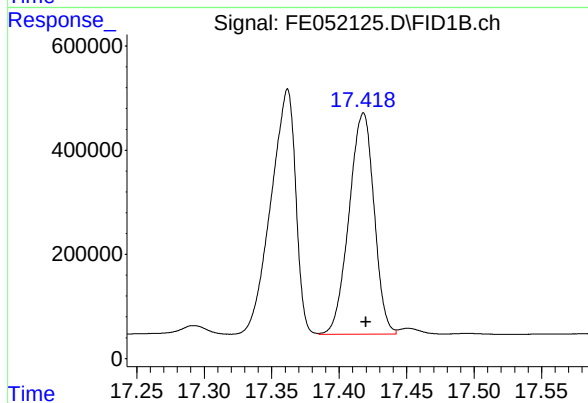
#14 n-Tetracosane (C24)

R.T.: 15.461 min
Delta R.T.: 0.006 min
Response: 11955254
Conc: 90.00 ug/ml



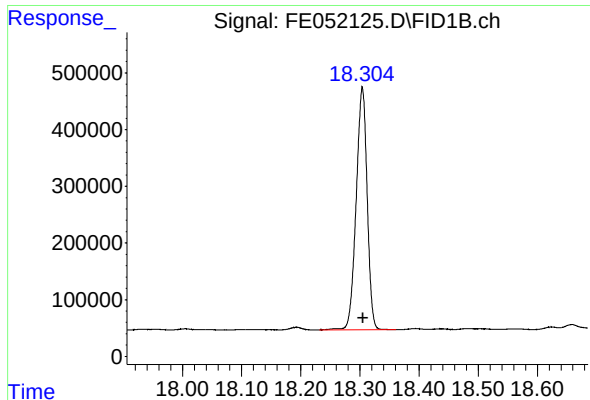
#15 n-Hexacosane (C26)

R.T.: 16.474 min
Delta R.T.: 0.000 min
Response: 5646851
Conc: 42.72 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.418 min
Delta R.T.: -0.002 min
Response: 5482702
Conc: 41.54 ug/ml m



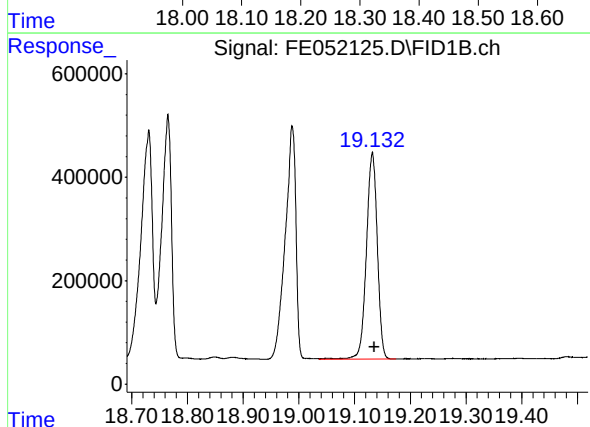
#17 n-Tricontane (C30)

R.T.: 18.304 min
Delta R.T.: 0.000 min
Response: 5526556
Conc: 40.53 ug/ml

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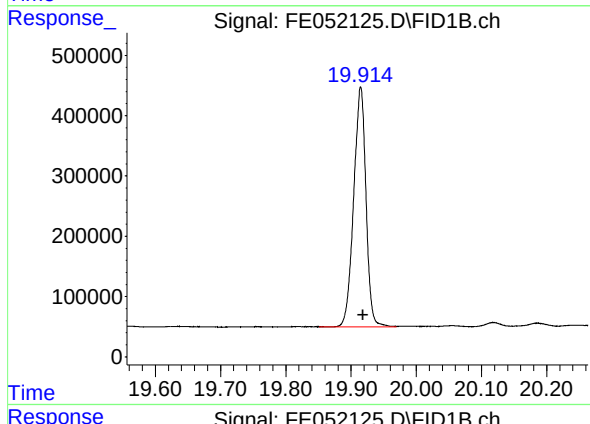
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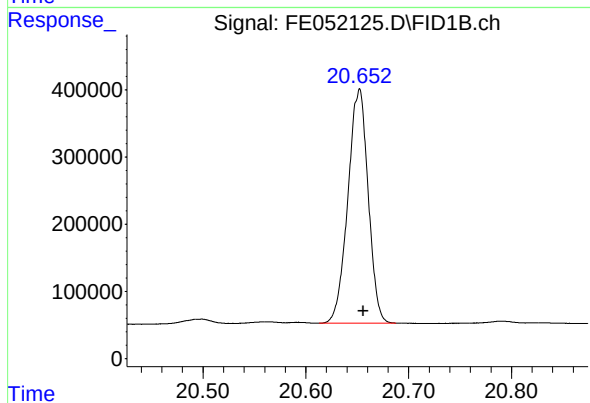
#18 n-Dotriacontane (C32)

R.T.: 19.132 min
Delta R.T.: -0.004 min
Response: 5427747
Conc: 41.42 ug/ml



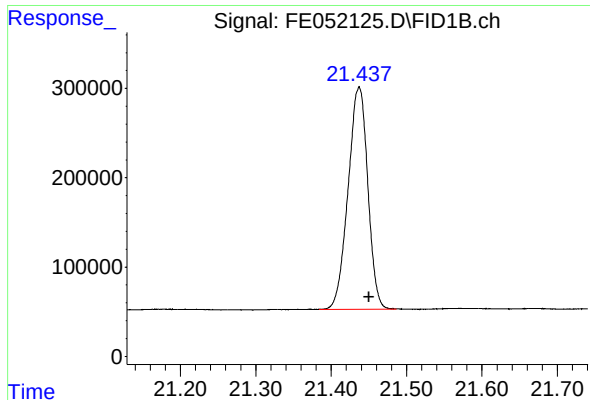
#19 n-Tetratriacontane (C34)

R.T.: 19.915 min
Delta R.T.: -0.004 min
Response: 5200928
Conc: 46.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.652 min
Delta R.T.: -0.004 min
Response: 4783318
Conc: 50.36 ug/ml m



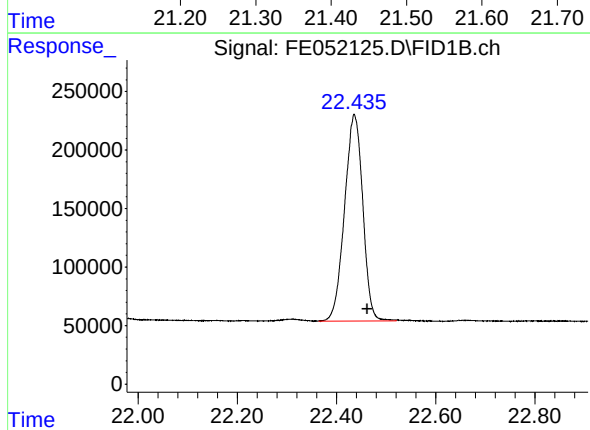
#21 n-Octatriacontane (C38)

R.T.: 21.437 min
Delta R.T.: -0.013 min
Response: 4518420
Conc: 52.31 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.435 min
Delta R.T.: -0.027 min
Response: 4493279
Conc: 54.52 ug/ml m