

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012925AL\
 Data File : FE052126.D
 Signal(s) : FID1B.ch
 Acq On : 29 Jan 2025 18:26
 Operator : YP\AJ
 Sample : Q1209-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WC-4MSD

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 01:27:43 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	3858616	26.997 ug/ml
Spiked Amount 50.000		Recovery =	53.99%
12) S 1-chlorooctadecane (S...	13.610	3378262	29.449 ug/ml
Spiked Amount 50.000		Recovery =	58.90%
Target Compounds			
1) T n-Nonane (C9)	3.679	3938747	36.945 ug/ml
2) T n-Decane (C10)	4.906	4505684	41.156 ug/ml
3) T A~Naphthalene (C11.7)	6.598	5497242	45.239 ug/ml
4) T n-Dodecane (C12)	7.032	5010702	44.395 ug/ml
5) T A~2-methylnaphthalene...	7.678	5331560	44.659 ug/ml
6) T n-Tetradecane (C14)	8.839	5484713	47.156 ug/ml
7) T n-Hexadecane (C16)	10.431	5761975	45.686 ug/ml
8) T n-Octadecane (C18)	11.864	5879503	44.438 ug/ml
10) T n-Eicosane (C20)	13.167	6112215	46.624 ug/ml
11) T n-Heneicosane (C21)	13.775	5754737	44.212 ug/ml
13) T n-Docosane (C22)	14.358	5713217	43.534 ug/ml
14) T n-Tetracosane (C24)	15.460	11723048	88.256 ug/ml
15) T n-Hexacosane (C26)	16.473	5519718	41.757 ug/ml
16) T n-Octacosane (C28)	17.418	5348581	40.524 ug/mlm
17) T n-Tricontane (C30)	18.304	5407104	39.659 ug/ml
18) T n-Dotriacontane (C32)	19.132	5314600	40.553 ug/ml
19) T n-Tetratriacontane (C34)	19.914	5112364	45.410 ug/mlm
20) T n-Hexatriacontane (C36)	20.650	4685207	49.327 ug/mlm
21) T n-Octatriacontane (C38)	21.433	4434639	51.337 ug/mlm
22) T n-Tetracontane (C40)	22.433	4390042	53.270 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : Q1209-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

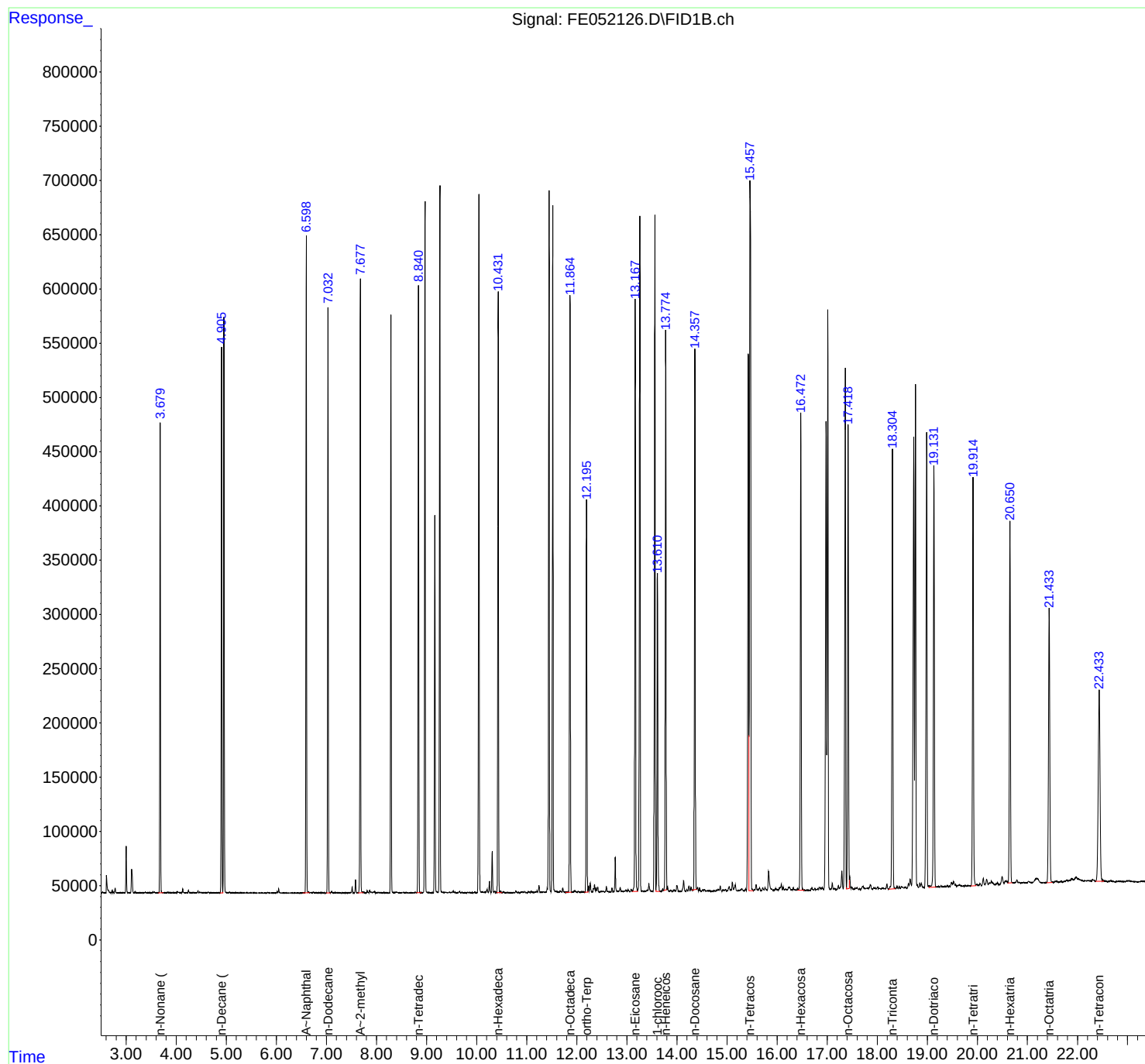
Instrument :
FID_E
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WC-4MSD

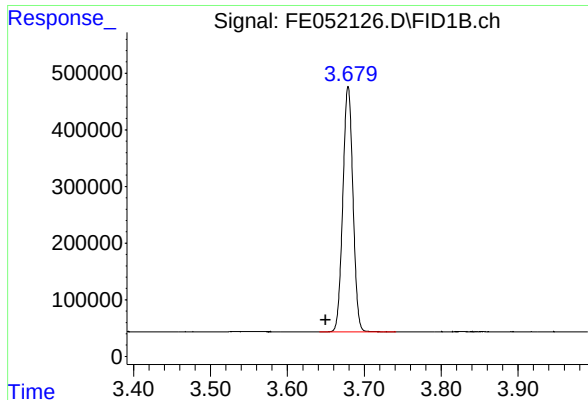
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





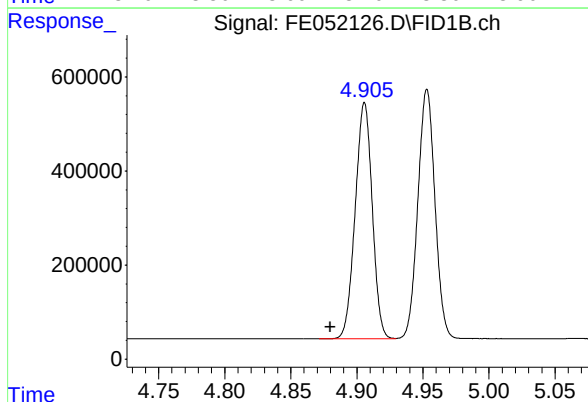
#1 n-Nonane (C9)

R.T.: 3.679 min
Delta R.T.: 0.029 min
Response: 3938747
Conc: 36.94 ug/ml

Instrument :
FID_E
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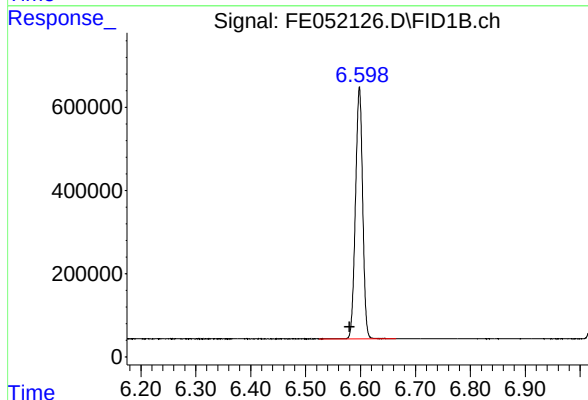
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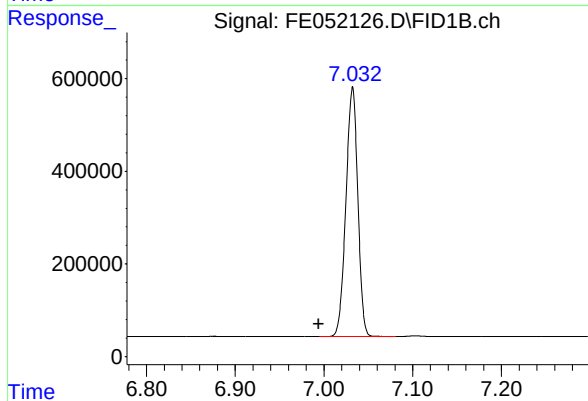
#2 n-Decane (C10)

R.T.: 4.906 min
Delta R.T.: 0.026 min
Response: 4505684
Conc: 41.16 ug/ml



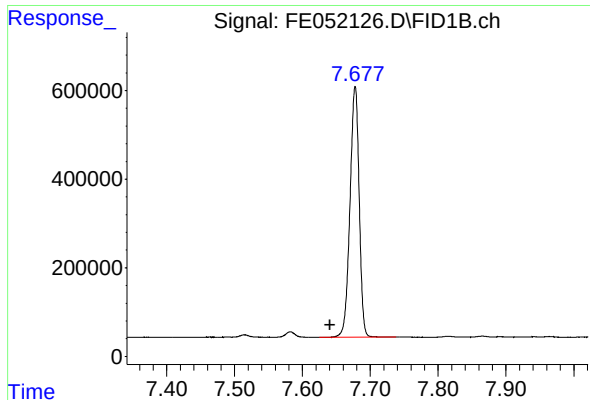
#3 A~Naphthalene (C11.7)

R.T.: 6.598 min
Delta R.T.: 0.018 min
Response: 5497242
Conc: 45.24 ug/ml



#4 n-Dodecane (C12)

R.T.: 7.032 min
Delta R.T.: 0.038 min
Response: 5010702
Conc: 44.40 ug/ml



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

R.T.: 7.678 min
Delta R.T.: 0.037 min
Response: 5331560
Conc: 44.66 ug/ml

Instrument :

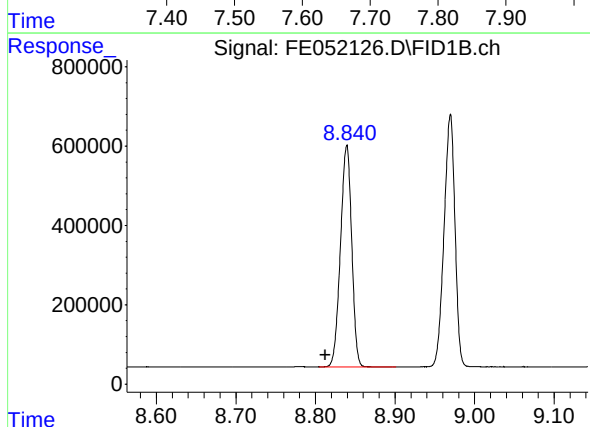
FID_E

ClientSampleId :

WC-4MSD

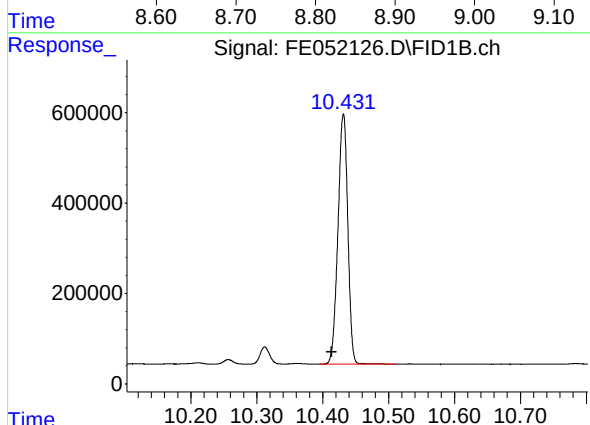
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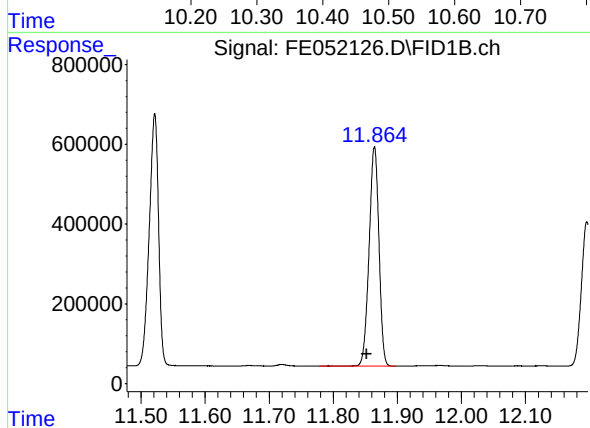
#6 n-Tetradecane (C14)

R.T.: 8.839 min
Delta R.T.: 0.027 min
Response: 5484713
Conc: 47.16 ug/ml



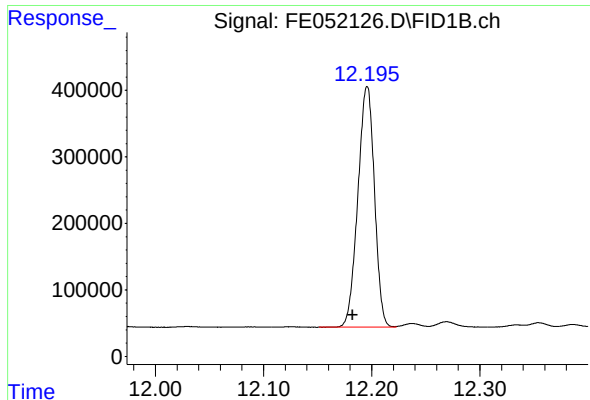
#7 n-Hexadecane (C16)

R.T.: 10.431 min
Delta R.T.: 0.018 min
Response: 5761975
Conc: 45.69 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.864 min
Delta R.T.: 0.012 min
Response: 5879503
Conc: 44.44 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.196 min
Delta R.T.: 0.013 min
Response: 3858616
Conc: 27.00 ug/ml

Instrument :

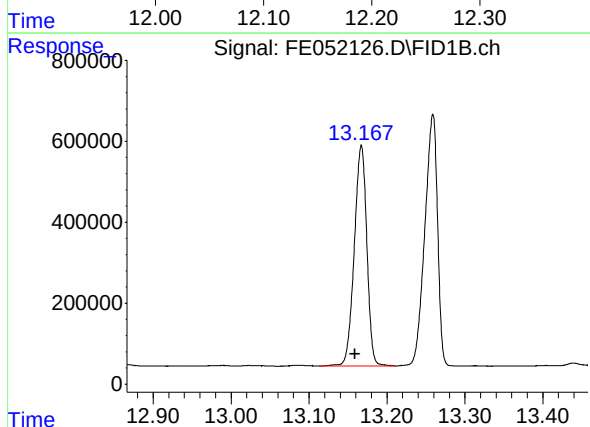
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ClientSampleId :

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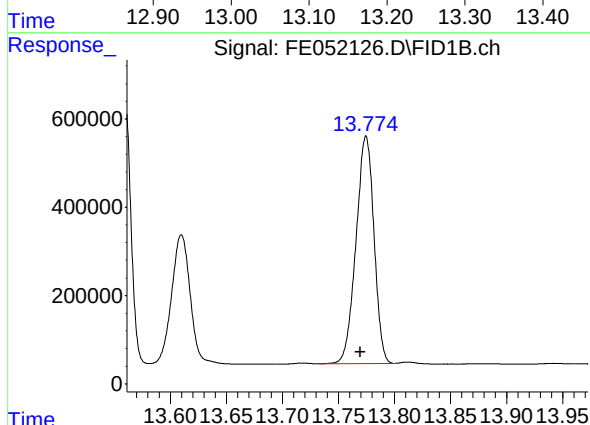
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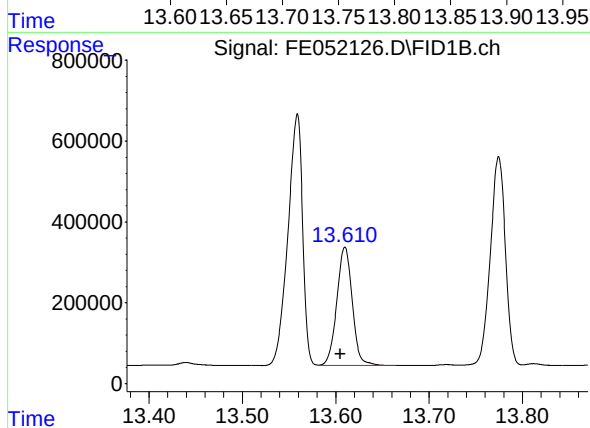
#10 n-Eicosane (C20)

R.T.: 13.167 min
Delta R.T.: 0.008 min
Response: 6112215
Conc: 46.62 ug/ml



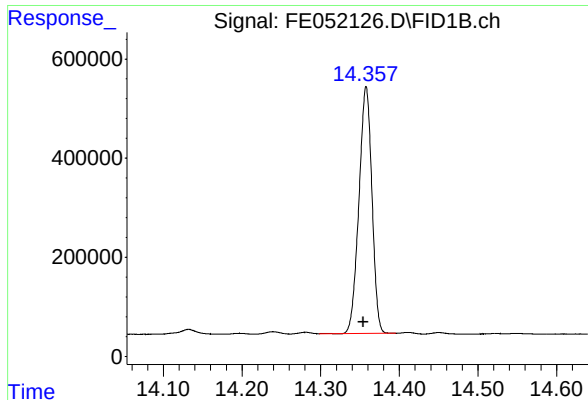
#11 n-Heneicosane (C21)

R.T.: 13.775 min
Delta R.T.: 0.005 min
Response: 5754737
Conc: 44.21 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.610 min
Delta R.T.: 0.005 min
Response: 3378262
Conc: 29.45 ug/ml



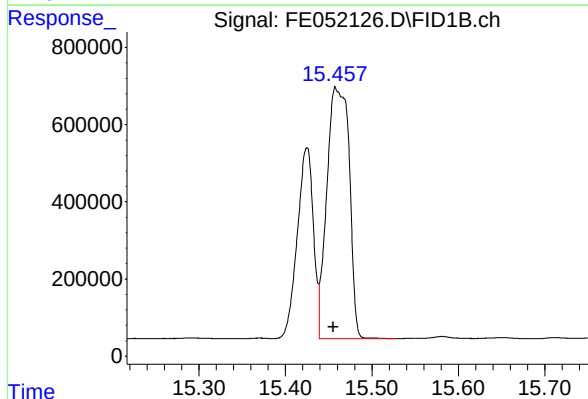
#13 n-Docosane (C22)

R.T.: 14.358 min
Delta R.T.: 0.004 min
Response: 5713217
Conc: 43.53 ug/ml

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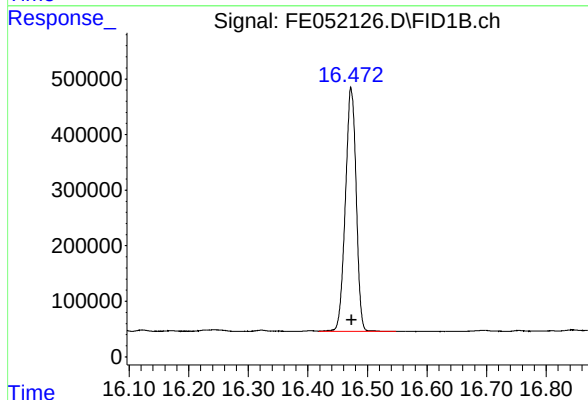
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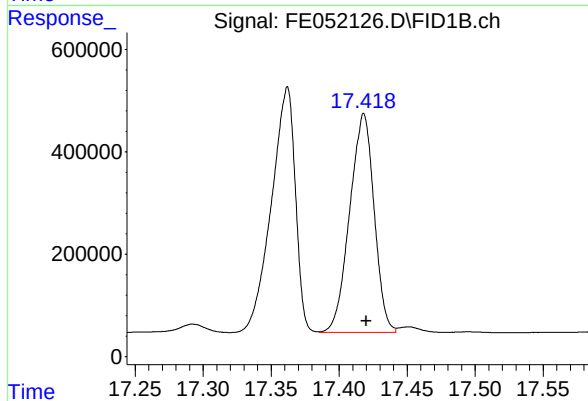
#14 n-Tetracosane (C24)

R.T.: 15.460 min
Delta R.T.: 0.005 min
Response: 11723048
Conc: 88.26 ug/ml



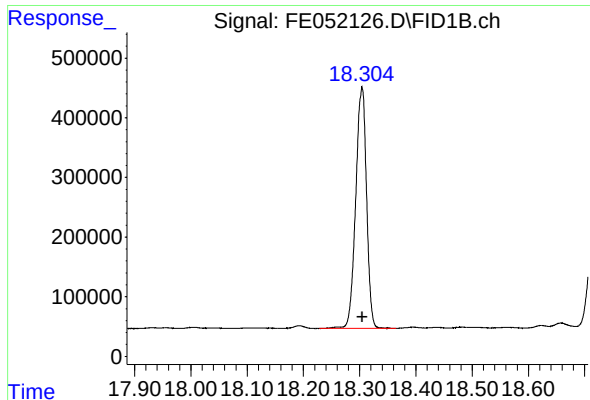
#15 n-Hexacosane (C26)

R.T.: 16.473 min
Delta R.T.: -0.001 min
Response: 5519718
Conc: 41.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.418 min
Delta R.T.: -0.002 min
Response: 5348581
Conc: 40.52 ug/ml m



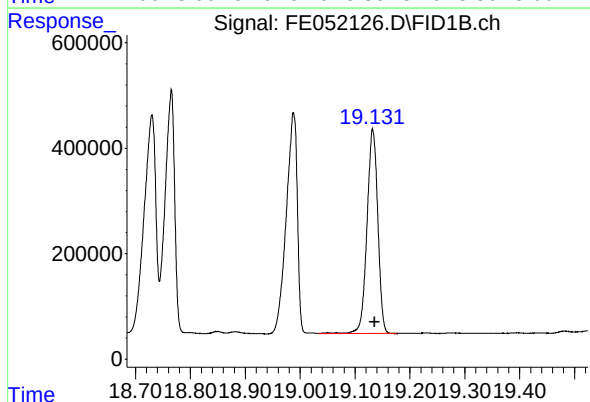
#17 n-Tricontane (C30)

R.T.: 18.304 min
Delta R.T.: -0.001 min
Response: 5407104
Conc: 39.66 ug/ml

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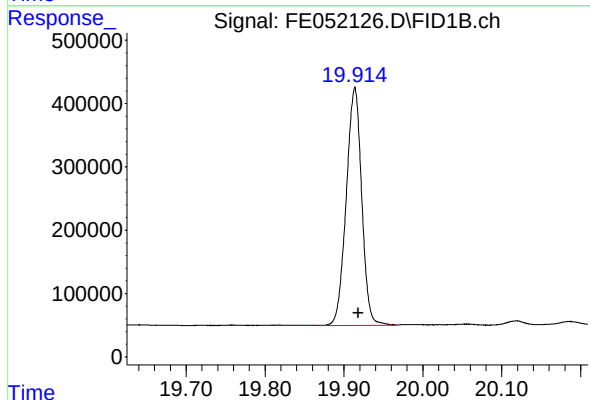
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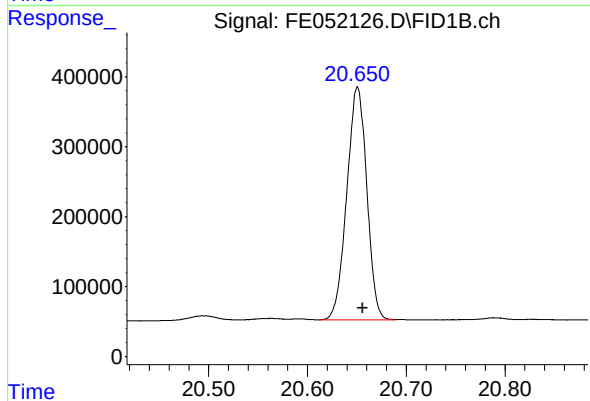
#18 n-Dotriacontane (C32)

R.T.: 19.132 min
Delta R.T.: -0.003 min
Response: 5314600
Conc: 40.55 ug/ml



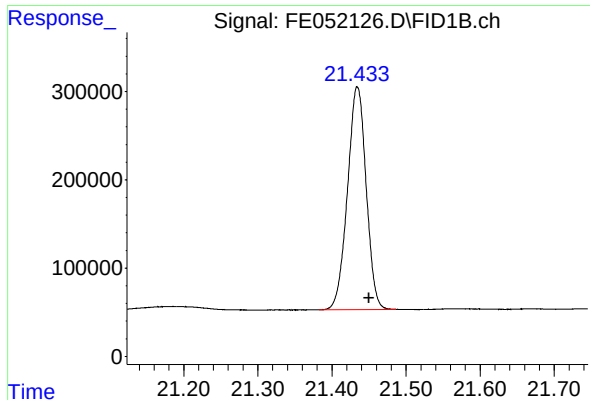
#19 n-Tetatriacontane (C34)

R.T.: 19.914 min
Delta R.T.: -0.005 min
Response: 5112364
Conc: 45.41 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.650 min
Delta R.T.: -0.005 min
Response: 4685207
Conc: 49.33 ug/ml m



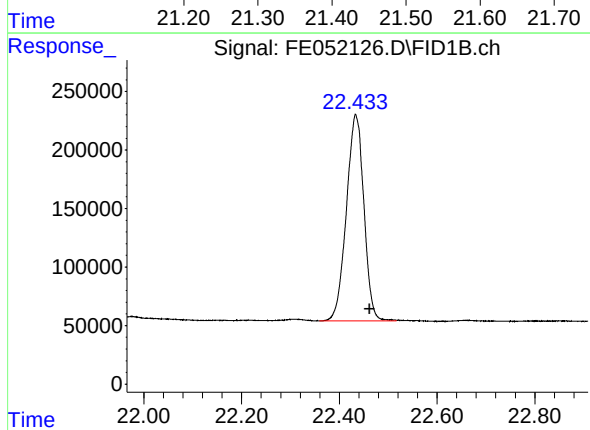
#21 n-Octatriacontane (C38)

R.T.: 21.433 min
Delta R.T.: -0.017 min
Response: 4434639
Conc: 51.34 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.433 min
Delta R.T.: -0.029 min
Response: 4390042
Conc: 53.27 ug/ml m