

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112524AL\
 Data File : FE051442.D
 Signal(s) : FID1B.ch
 Acq On : 25 Nov 2024 19:17
 Operator : YP\AJ
 Sample : P4971-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

CL-02-112224MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/26/2024

Supervised By :Ankita Jodhani 11/26/2024

Integration File: autoint1.e

Quant Time: Nov 26 02:09:07 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M

Quant Title : GC Extractables

QLast Update : Thu Nov 07 04:56:04 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)	11.839	4887175	32.560 ug/ml
Spiked Amount 50.000		Recovery =	65.12%
12) S 1-chlorooctadecane (S...	13.272	4323653	38.083 ug/ml
Spiked Amount 50.000		Recovery =	76.17%
Target Compounds			
1) T n-Nonane (C9)	3.228	3575045	25.837 ug/ml
2) T n-Decane (C10)	4.478	4089651	29.175 ug/ml
3) T A~Naphthalene (C11.7)	6.189	4543999	34.464 ug/ml
4) T n-Dodecane (C12)	6.644	4766902	33.761 ug/ml
5) T A~2-methylnaphthalene...	7.286	4306357	34.425 ug/ml
6) T n-Tetradecane (C14)	8.473	5164589	37.058 ug/ml
7) T n-Hexadecane (C16)	10.077	5368003	37.827 ug/ml
8) T n-Octadecane (C18)	11.518	5481728	38.386 ug/ml
10) T n-Eicosane (C20)	12.827	5663902	41.386 ug/ml
11) T n-Heneicosane (C21)	13.437	5319355	39.802 ug/ml
13) T n-Docosane (C22)	14.023	5412613	40.712 ug/ml
14) T n-Tetracosane (C24)	15.126	9557153	72.044 ug/ml
15) T n-Hexacosane (C26)	16.146	5194049	38.799 ug/ml
16) T n-Octacosane (C28)	17.095	5497779	40.327 ug/ml
17) T n-Tricontane (C30)	17.983	5468070	37.636 ug/ml
18) T n-Dotriacontane (C32)	18.814	5163682	34.776 ug/ml
19) T n-Tetratriacontane (C34)	19.598	5191752	38.639 ug/ml
20) T n-Hexatriacontane (C36)	20.338	5109163	42.820 ug/ml
21) T n-Octatriacontane (C38)	21.062	4998202	43.915 ug/mlm
22) T n-Tetracontane (C40)	21.944	6164474	55.426 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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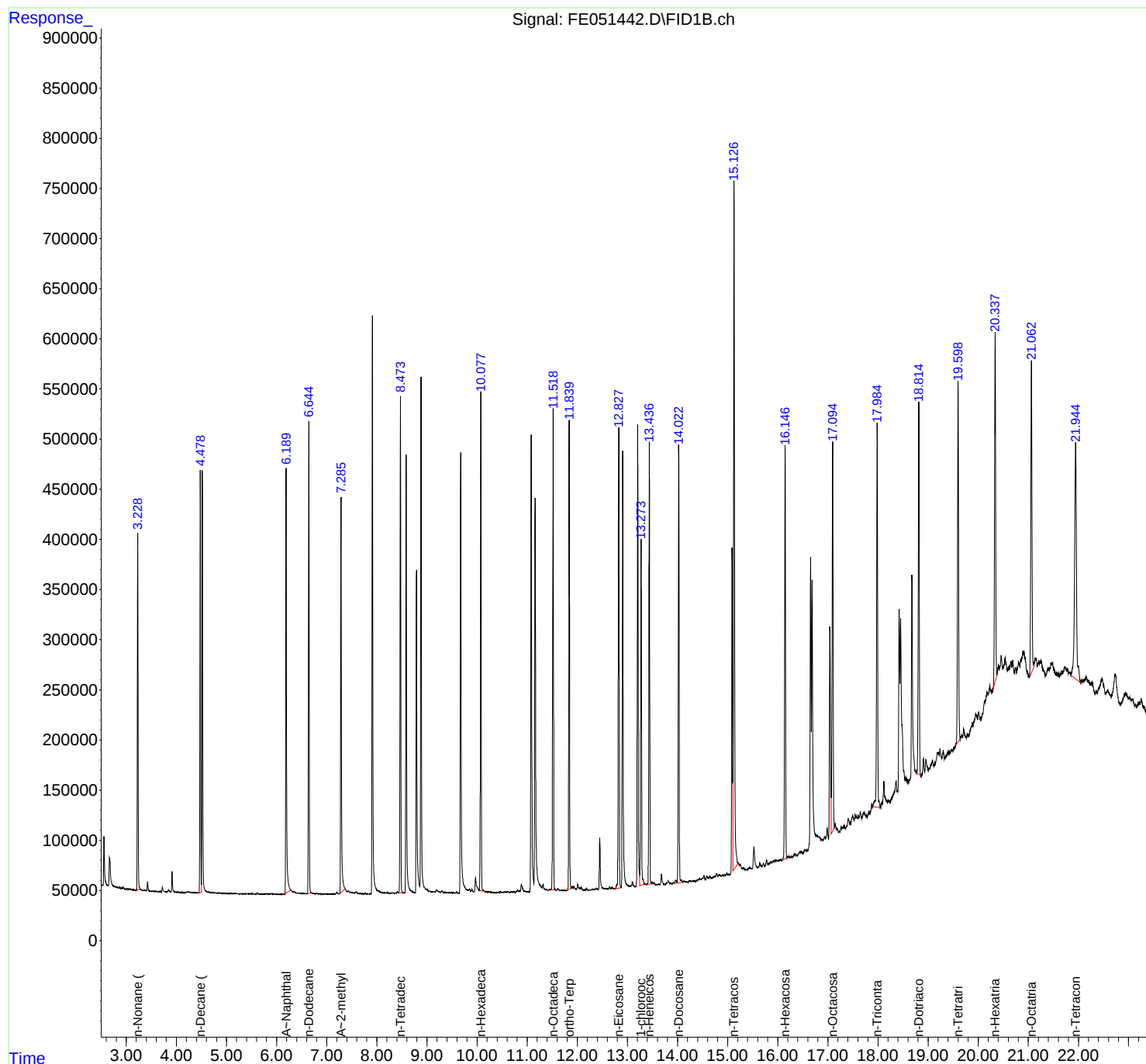
Response via : Initial Calibration

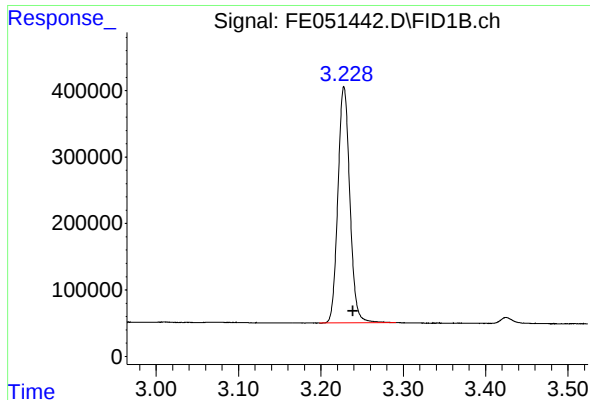
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.228 min
Delta R.T.: -0.011 min
Response: 3575045
Conc: 25.84 ug/ml

Instrument :

FID_E

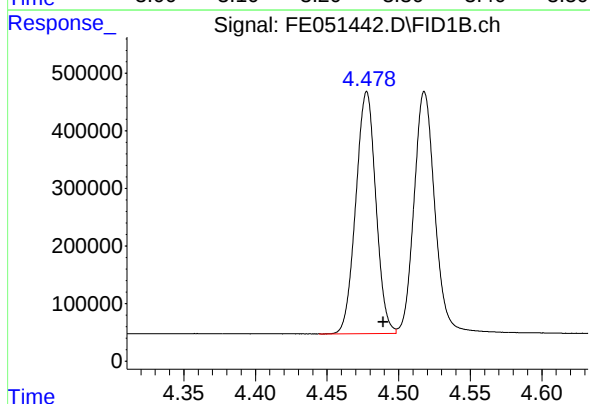
ClientSampleId :

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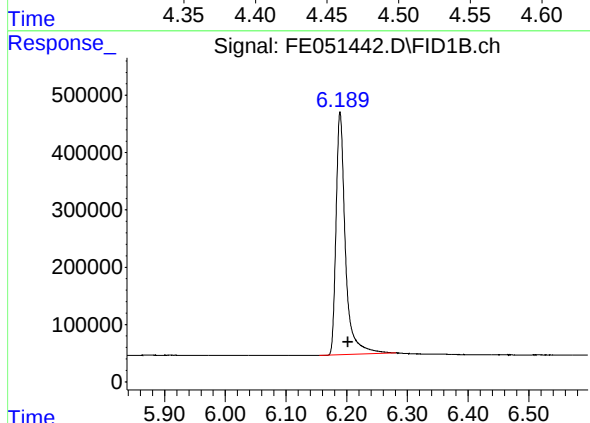
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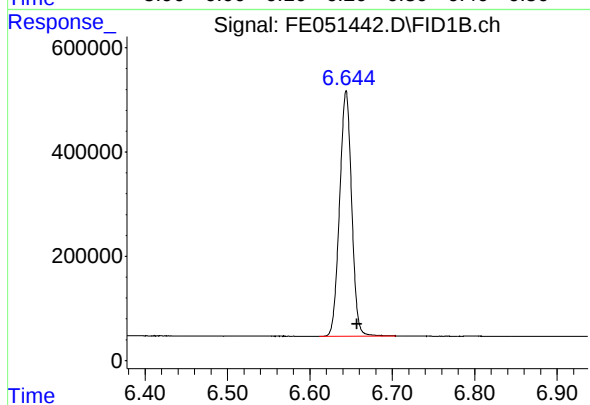
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: -0.012 min
Response: 4089651
Conc: 29.17 ug/ml



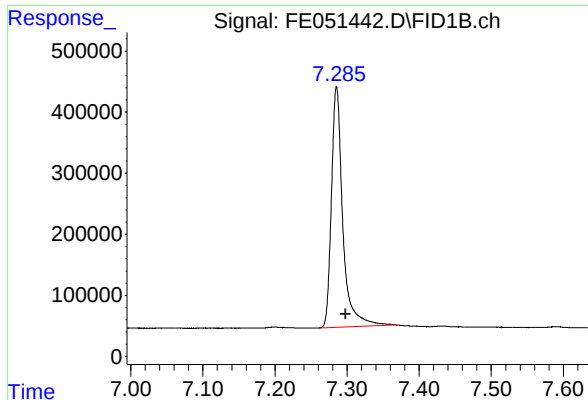
#3 A~Naphthalene (C11.7)

R.T.: 6.189 min
Delta R.T.: -0.013 min
Response: 4543999
Conc: 34.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.644 min
Delta R.T.: -0.013 min
Response: 4766902
Conc: 33.76 ug/ml



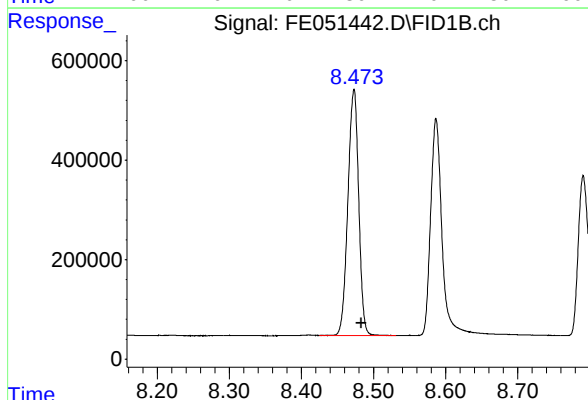
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.286 min
Delta R.T.: -0.013 min
Response: 4306357
Conc: 34.42 ug/ml

Instrument :
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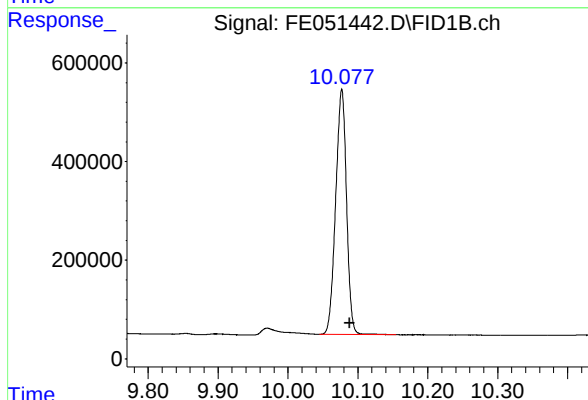
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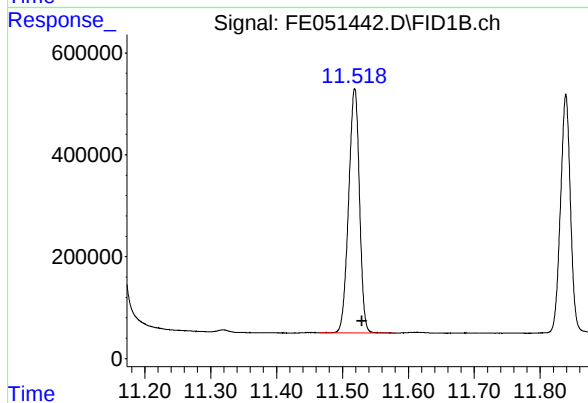
#6 n-Tetradecane (C14)

R.T.: 8.473 min
Delta R.T.: -0.011 min
Response: 5164589
Conc: 37.06 ug/ml



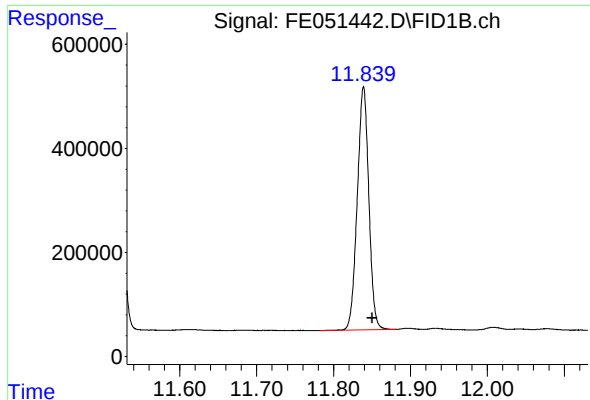
#7 n-Hexadecane (C16)

R.T.: 10.077 min
Delta R.T.: -0.012 min
Response: 5368003
Conc: 37.83 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.518 min
Delta R.T.: -0.011 min
Response: 5481728
Conc: 38.39 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.839 min
Delta R.T.: -0.012 min
Response: 4887175
Conc: 32.56 ug/ml

Instrument :

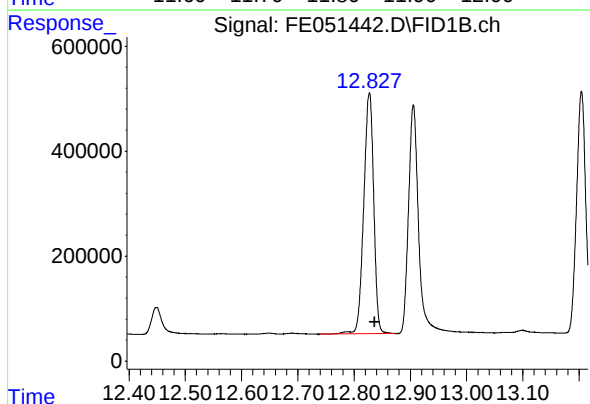
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ClientSampleId :

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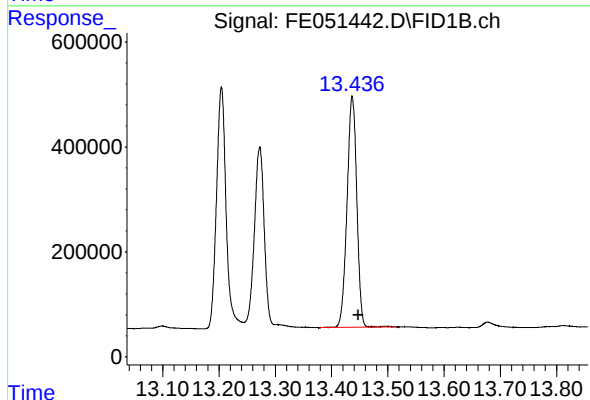
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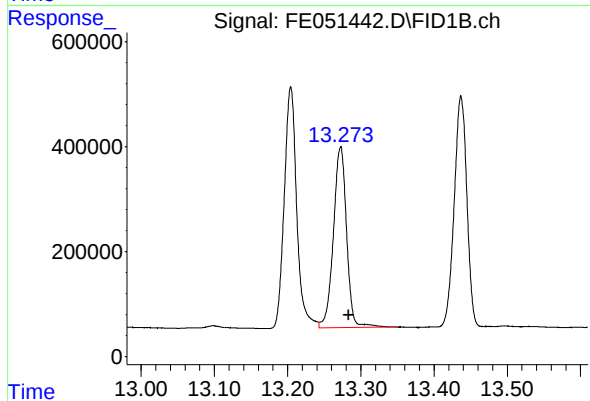
#10 n-Eicosane (C20)

R.T.: 12.827 min
Delta R.T.: -0.010 min
Response: 5663902
Conc: 41.39 ug/ml



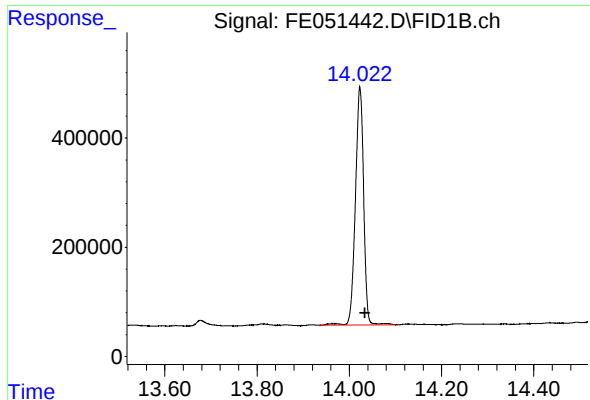
#11 n-Heneicosane (C21)

R.T.: 13.437 min
Delta R.T.: -0.011 min
Response: 5319355
Conc: 39.80 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.272 min
Delta R.T.: -0.011 min
Response: 4323653
Conc: 38.08 ug/ml



#13 n-Docosane (C22)

R.T.: 14.023 min
Delta R.T.: -0.010 min
Response: 5412613
Conc: 40.71 ug/ml

Instrument :

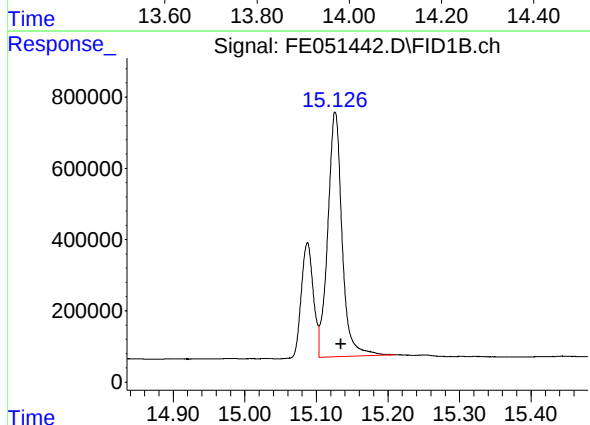
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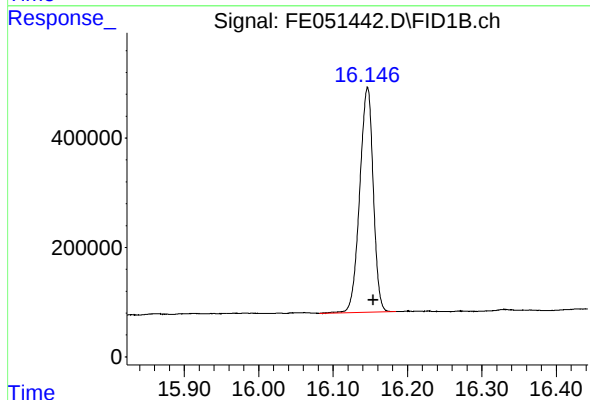
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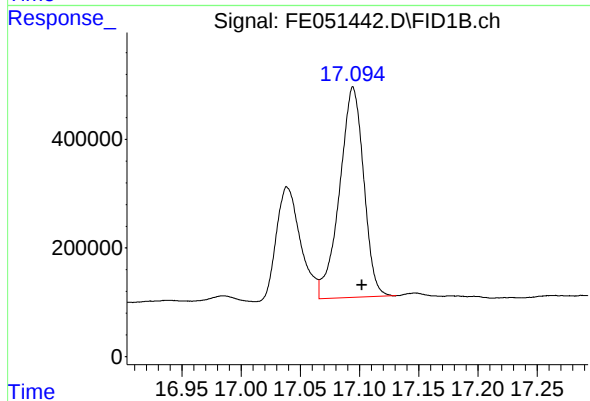
#14 n-Tetracosane (C24)

R.T.: 15.126 min
Delta R.T.: -0.008 min
Response: 9557153
Conc: 72.04 ug/ml



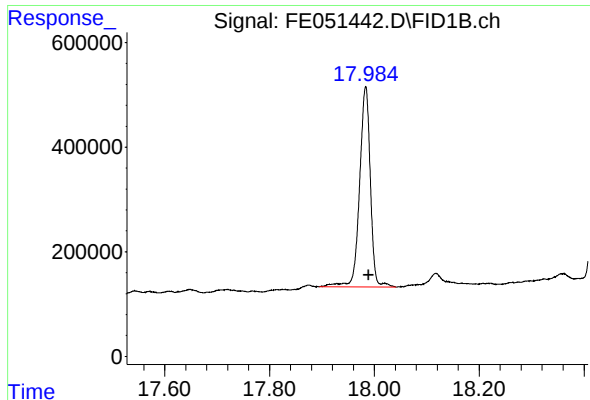
#15 n-Hexacosane (C26)

R.T.: 16.146 min
Delta R.T.: -0.008 min
Response: 5194049
Conc: 38.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.095 min
Delta R.T.: -0.007 min
Response: 5497779
Conc: 40.33 ug/ml



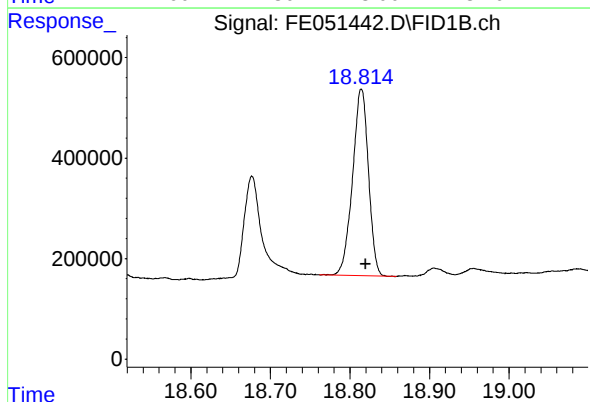
#17 n-Tricontane (C30)

R.T.: 17.983 min
Delta R.T.: -0.006 min
Response: 5468070
Conc: 37.64 ug/ml

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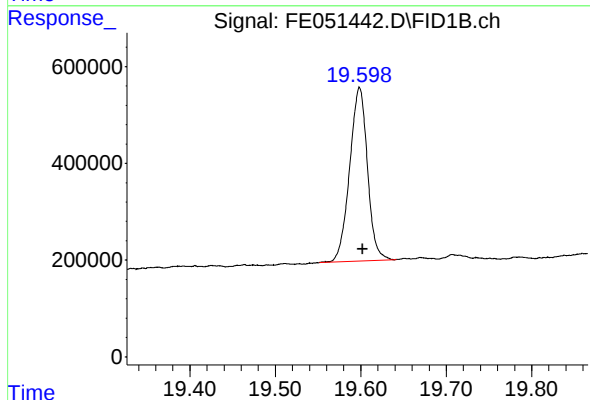
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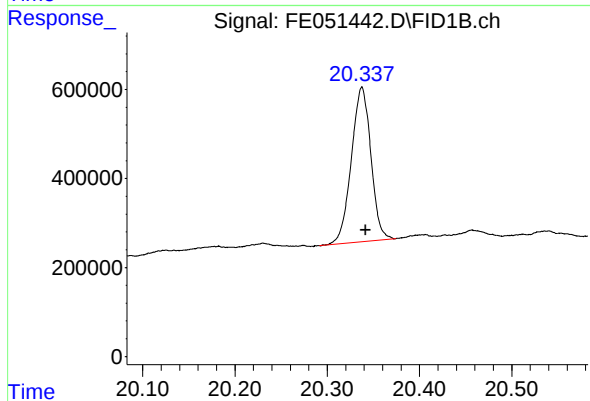
#18 n-Dotriacontane (C32)

R.T.: 18.814 min
Delta R.T.: -0.006 min
Response: 5163682
Conc: 34.78 ug/ml



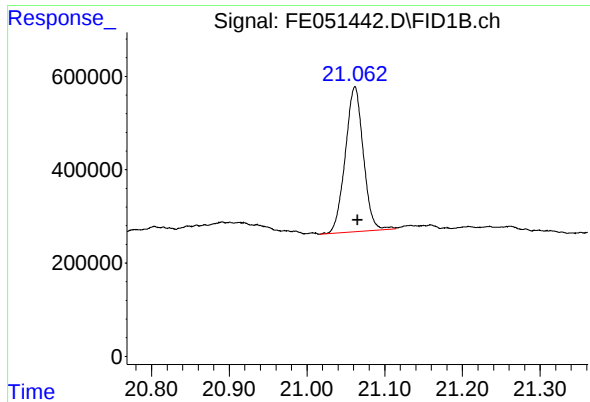
#19 n-Tetratriacontane (C34)

R.T.: 19.598 min
Delta R.T.: -0.004 min
Response: 5191752
Conc: 38.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.338 min
Delta R.T.: -0.004 min
Response: 5109163
Conc: 42.82 ug/ml



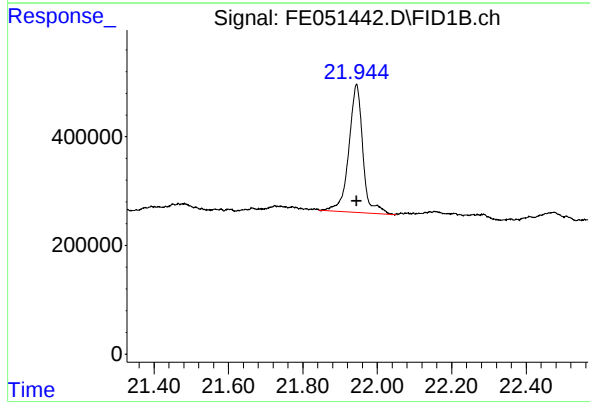
#21 n-Octatriacontane (C38)

R.T.: 21.062 min
Delta R.T.: -0.003 min
Response: 4998202
Conc: 43.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.944 min
Delta R.T.: 0.000 min
Response: 6164474
Conc: 55.43 ug/ml m