

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101624AL\
 Data File : FE050697.D
 Signal(s) : FID1B.ch
 Acq On : 16 Oct 2024 15:47
 Operator : YP\AJ
 Sample : P4406-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

OK-02-101524MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/17/2024

Supervised By :Ankita Jodhani 10/17/2024

Integration File: autoint1.e

Quant Time: Oct 17 02:57:37 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 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)	11.860	3968426	25.171 ug/ml
Spiked Amount 50.000		Recovery =	50.34%
12) S 1-chlorooctadecane (S...	13.293	3796614	32.095 ug/ml
Spiked Amount 50.000		Recovery =	64.19%
Target Compounds			
1) T n-Nonane (C9)	3.250	3476556	24.606 ug/ml
2) T n-Decane (C10)	4.500	3882334	27.059 ug/ml
3) T A~Naphthalene (C11.7)	6.209	4430965	30.988 ug/ml
4) T n-Dodecane (C12)	6.666	4402280	30.585 ug/ml
5) T A~2-methylnaphthalene...	7.305	4318702	32.599 ug/ml
6) T n-Tetradecane (C14)	8.494	4929016	34.452 ug/ml
7) T n-Hexadecane (C16)	10.099	4917425	33.413 ug/ml
8) T n-Octadecane (C18)	11.541	4978050	33.327 ug/ml
10) T n-Eicosane (C20)	12.848	5695992	39.721 ug/ml
11) T n-Heneicosane (C21)	13.460	4805827	34.221 ug/ml
13) T n-Docosane (C22)	14.046	5005646	35.679 ug/ml
14) T n-Tetracosane (C24)	15.147	10266263	72.668 ug/ml
15) T n-Hexacosane (C26)	16.169	5010047	35.604 ug/ml
16) T n-Octacosane (C28)	17.118	5376308	36.741 ug/ml
17) T n-Tricontane (C30)	18.007	5662860	35.615 ug/ml
18) T n-Dotriacontane (C32)	18.840	5464313	33.707 ug/ml
19) T n-Tetratriacontane (C34)	19.627	6533896	44.481 ug/ml
20) T n-Hexatriacontane (C36)	20.370	5673948	44.742 ug/ml
21) T n-Octatriacontane (C38)	21.099	6743662	54.539 ug/ml
22) T n-Tetracontane (C40)	21.993	5590224	50.204 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : P4406-01MS
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ALS Vial : 16 Sample Multiplier: 1

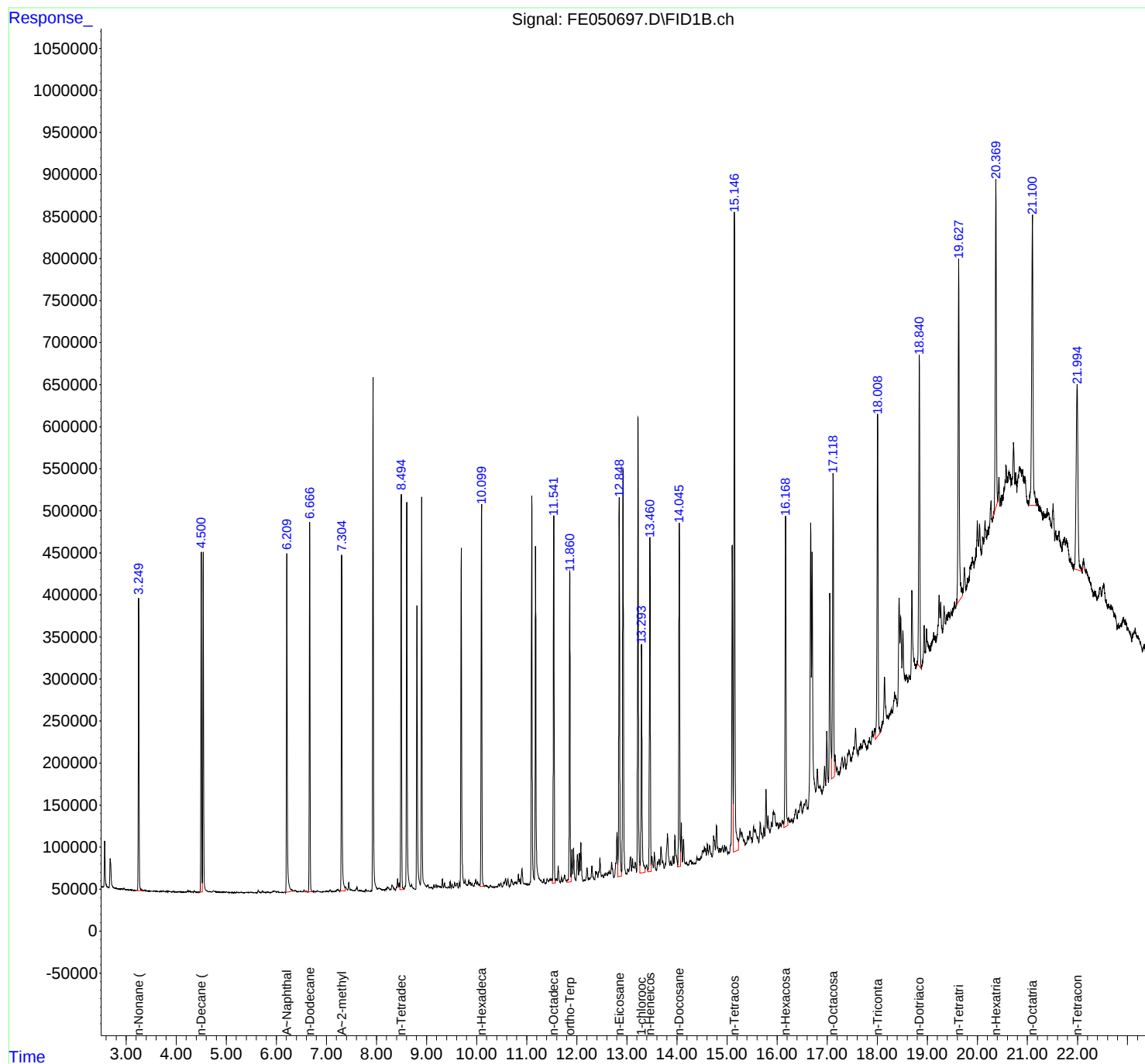
Instrument :
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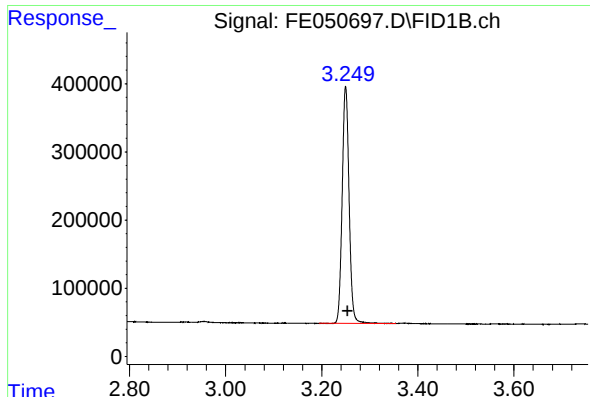
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Quant Title : GC Extractables
QLast Update : Mon Oct 07 16:32:18 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.250 min
Delta R.T.: -0.004 min
Response: 3476556
Conc: 24.61 ug/ml

Instrument :

FID_E

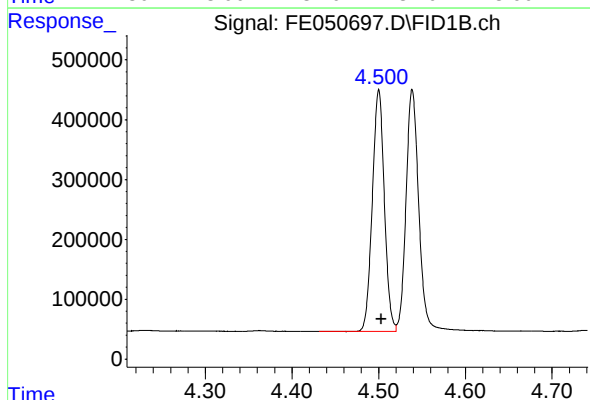
ClientSampleId :

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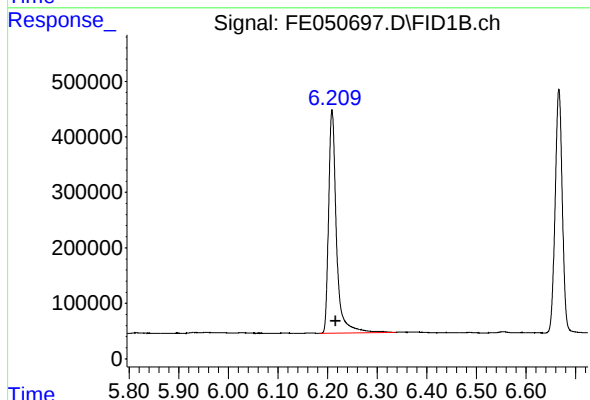
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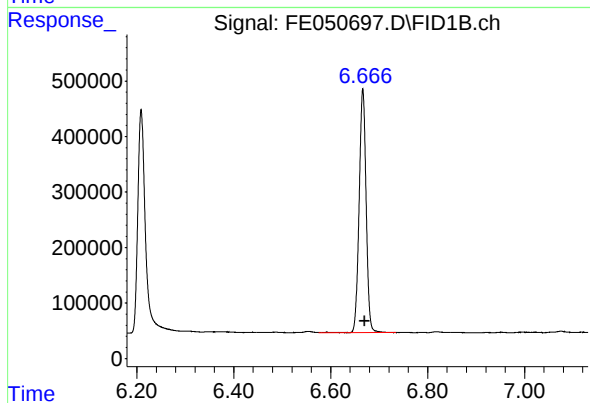
#2 n-Decane (C10)

R.T.: 4.500 min
Delta R.T.: -0.003 min
Response: 3882334
Conc: 27.06 ug/ml



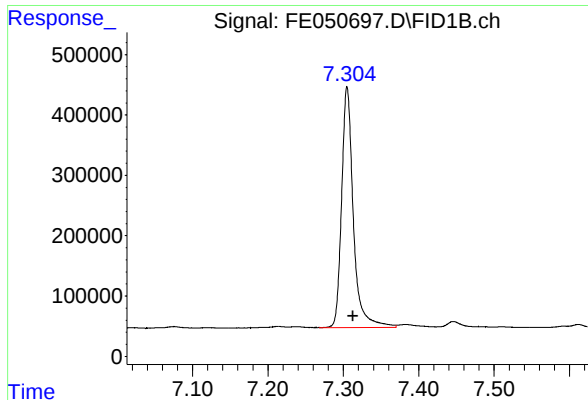
#3 A~Naphthalene (C11.7)

R.T.: 6.209 min
Delta R.T.: -0.008 min
Response: 4430965
Conc: 30.99 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.666 min
Delta R.T.: -0.004 min
Response: 4402280
Conc: 30.59 ug/ml



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

R.T.: 7.305 min
Delta R.T.: -0.008 min
Response: 4318702
Conc: 32.60 ug/ml

Instrument :

FID_E

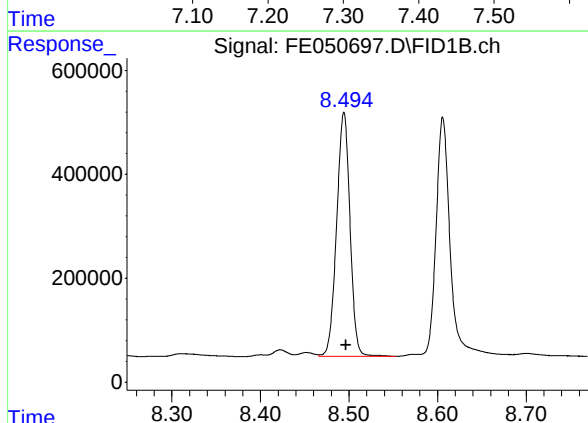
ClientSampleId :

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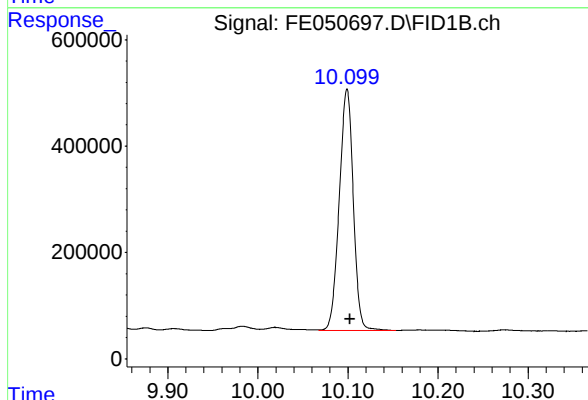
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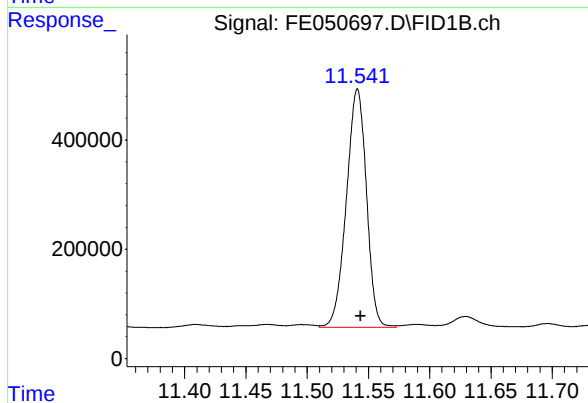
#6 n-Tetradecane (C14)

R.T.: 8.494 min
Delta R.T.: -0.002 min
Response: 4929016
Conc: 34.45 ug/ml



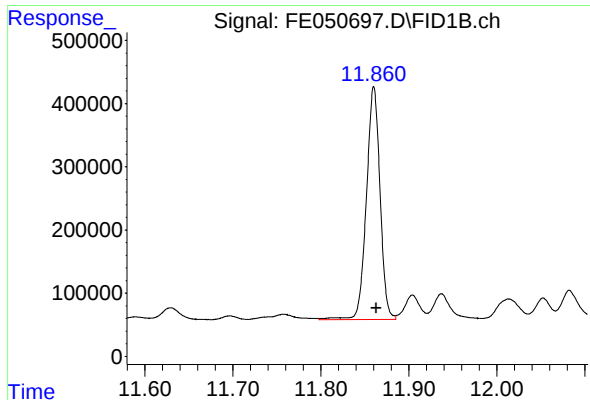
#7 n-Hexadecane (C16)

R.T.: 10.099 min
Delta R.T.: -0.003 min
Response: 4917425
Conc: 33.41 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.541 min
Delta R.T.: -0.003 min
Response: 4978050
Conc: 33.33 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.860 min
Delta R.T.: -0.003 min
Response: 3968426
Conc: 25.17 ug/ml

Instrument :

FID_E

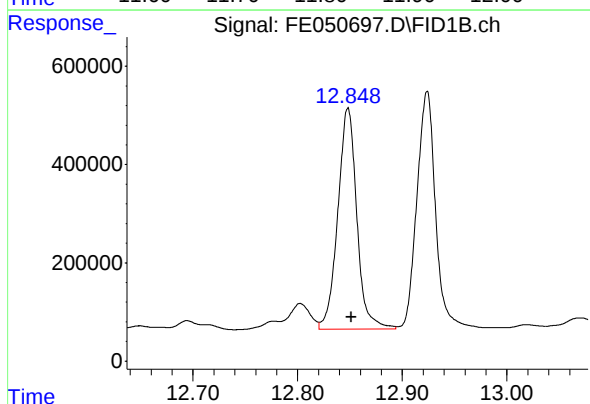
ClientSampleId :

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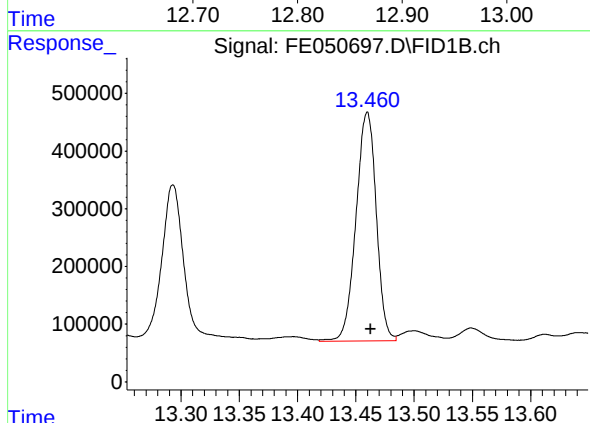
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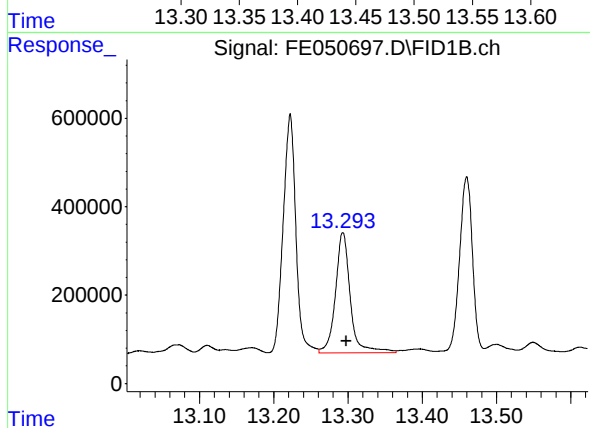
#10 n-Eicosane (C20)

R.T.: 12.848 min
Delta R.T.: -0.003 min
Response: 5695992
Conc: 39.72 ug/ml



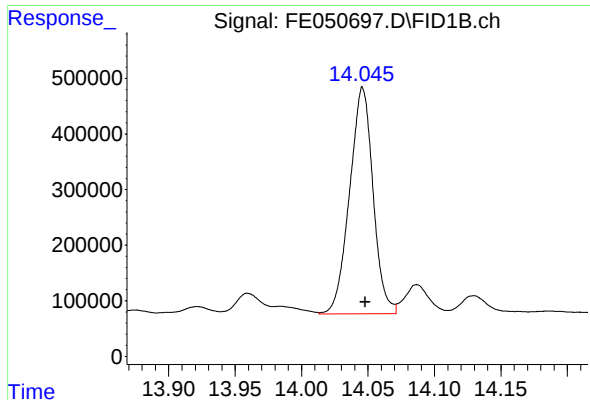
#11 n-Heneicosane (C21)

R.T.: 13.460 min
Delta R.T.: -0.003 min
Response: 4805827
Conc: 34.22 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.293 min
Delta R.T.: -0.005 min
Response: 3796614
Conc: 32.09 ug/ml



#13 n-Docosane (C22)

R.T.: 14.046 min
Delta R.T.: -0.002 min
Response: 5005646
Conc: 35.68 ug/ml

Instrument :

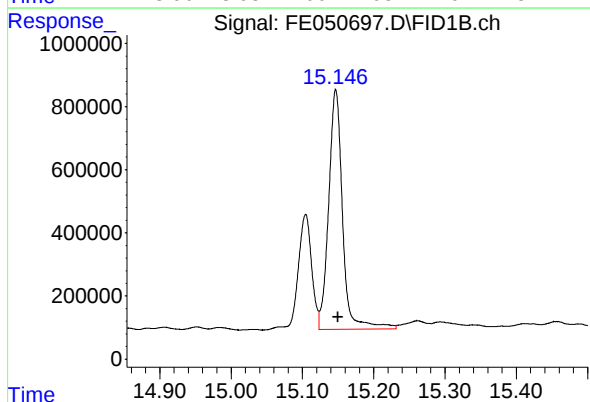
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ClientSampleId :

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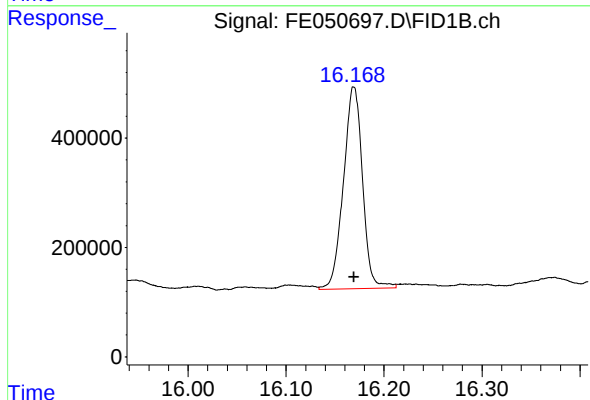
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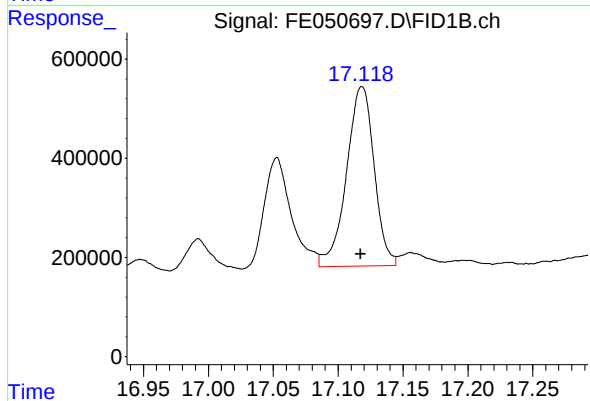
#14 n-Tetracosane (C24)

R.T.: 15.147 min
Delta R.T.: -0.003 min
Response: 10266263
Conc: 72.67 ug/ml



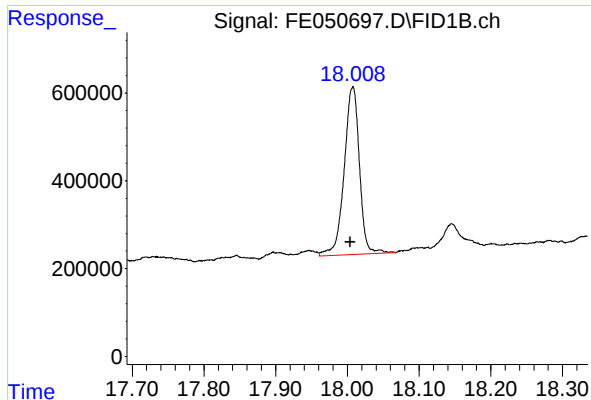
#15 n-Hexacosane (C26)

R.T.: 16.169 min
Delta R.T.: 0.000 min
Response: 5010047
Conc: 35.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.118 min
Delta R.T.: 0.000 min
Response: 5376308
Conc: 36.74 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.007 min
Delta R.T.: 0.003 min
Response: 5662860
Conc: 35.61 ug/ml

Instrument :

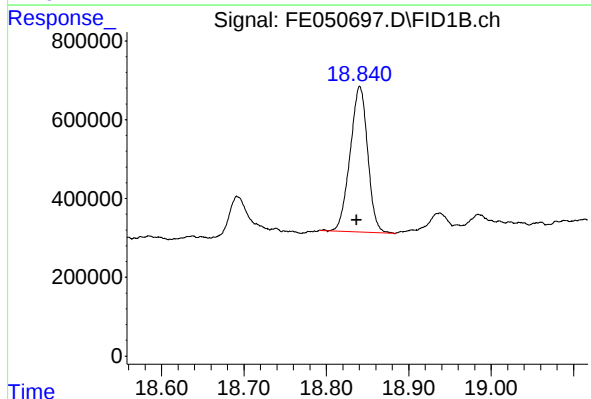
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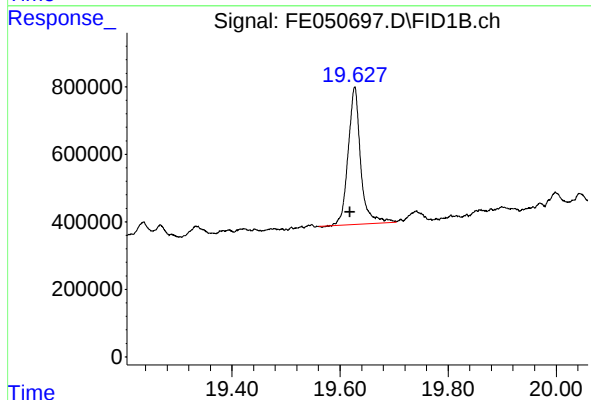
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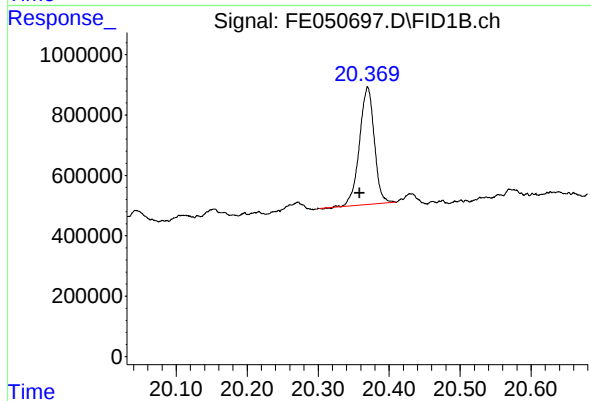
#18 n-Dotriacontane (C32)

R.T.: 18.840 min
Delta R.T.: 0.004 min
Response: 5464313
Conc: 33.71 ug/ml



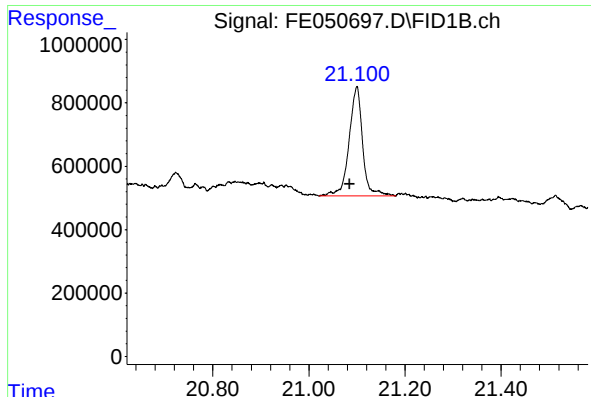
#19 n-Tetratriacontane (C34)

R.T.: 19.627 min
Delta R.T.: 0.008 min
Response: 6533896
Conc: 44.48 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.370 min
Delta R.T.: 0.011 min
Response: 5673948
Conc: 44.74 ug/ml



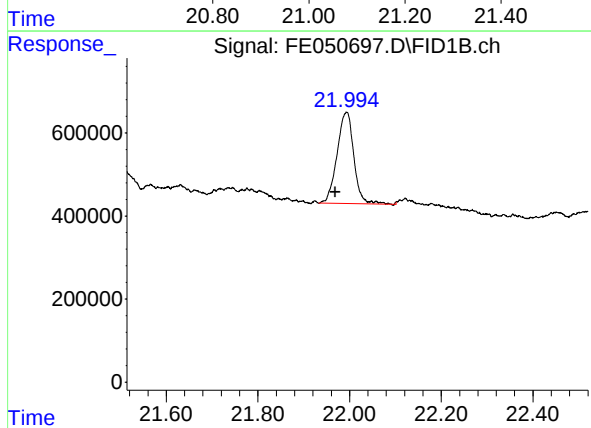
#21 n-Octatriacontane (C38)

R.T.: 21.099 min
Delta R.T.: 0.015 min
Response: 6743662
Conc: 54.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.993 min
Delta R.T.: 0.024 min
Response: 5590224
Conc: 50.20 ug/ml