

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101024AL\
 Data File : FE050576.D
 Signal(s) : FID1B.ch
 Acq On : 09 Oct 2024 18:21
 Operator : YP\AJ
 Sample : P4359-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 EXCAVATION-SOILMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel
 10/10/2024
 Supervised By :Ankita
 Jodhani
 10/10/2024

Integration File: autoint1.e
 Quant Time: Oct 09 23:35:13 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)	11.862	5477994	34.747 ug/mlm
Spiked Amount 50.000		Recovery =	69.49%
12) S 1-chlorooctadecane (S...	13.296	4614834	39.012 ug/ml
Spiked Amount 50.000		Recovery =	78.02%
Target Compounds			
1) T n-Nonane (C9)	3.253	4076984	28.855 ug/mlm
2) T n-Decane (C10)	4.503	4669135	32.543 ug/ml
3) T A~Naphthalene (C11.7)	6.211	5532143	38.689 ug/ml
4) T n-Dodecane (C12)	6.669	5474863	38.037 ug/ml
5) T A~2-methylnaphthalene...	7.307	5522175	41.683 ug/ml
6) T n-Tetradecane (C14)	8.497	6025527	42.117 ug/ml
7) T n-Hexadecane (C16)	10.101	6286343	42.715 ug/ml
8) T n-Octadecane (C18)	11.543	6373238	42.668 ug/ml
10) T n-Eicosane (C20)	12.852	6438679	44.900 ug/ml
11) T n-Heneicosane (C21)	13.462	6162125	43.879 ug/ml
13) T n-Docosane (C22)	14.048	6130883	43.700 ug/mlm
14) T n-Tetracosane (C24)	15.147	12043017	85.244 ug/ml
15) T n-Hexacosane (C26)	16.171	6022776	42.801 ug/mlm
16) T n-Octacosane (C28)	17.117	6478263	44.271 ug/mlm
17) T n-Tricontane (C30)	18.004	6280096	39.497 ug/ml
18) T n-Dotriacontane (C32)	18.836	6331260	39.054 ug/ml
19) T n-Tetratriacontane (C34)	19.619	6494068	44.210 ug/ml
20) T n-Hexatriacontane (C36)	20.357	6398832	50.458 ug/ml
21) T n-Octatriacontane (C38)	21.084	6454176	52.198 ug/ml
22) T n-Tetracontane (C40)	21.969	5846086	52.502 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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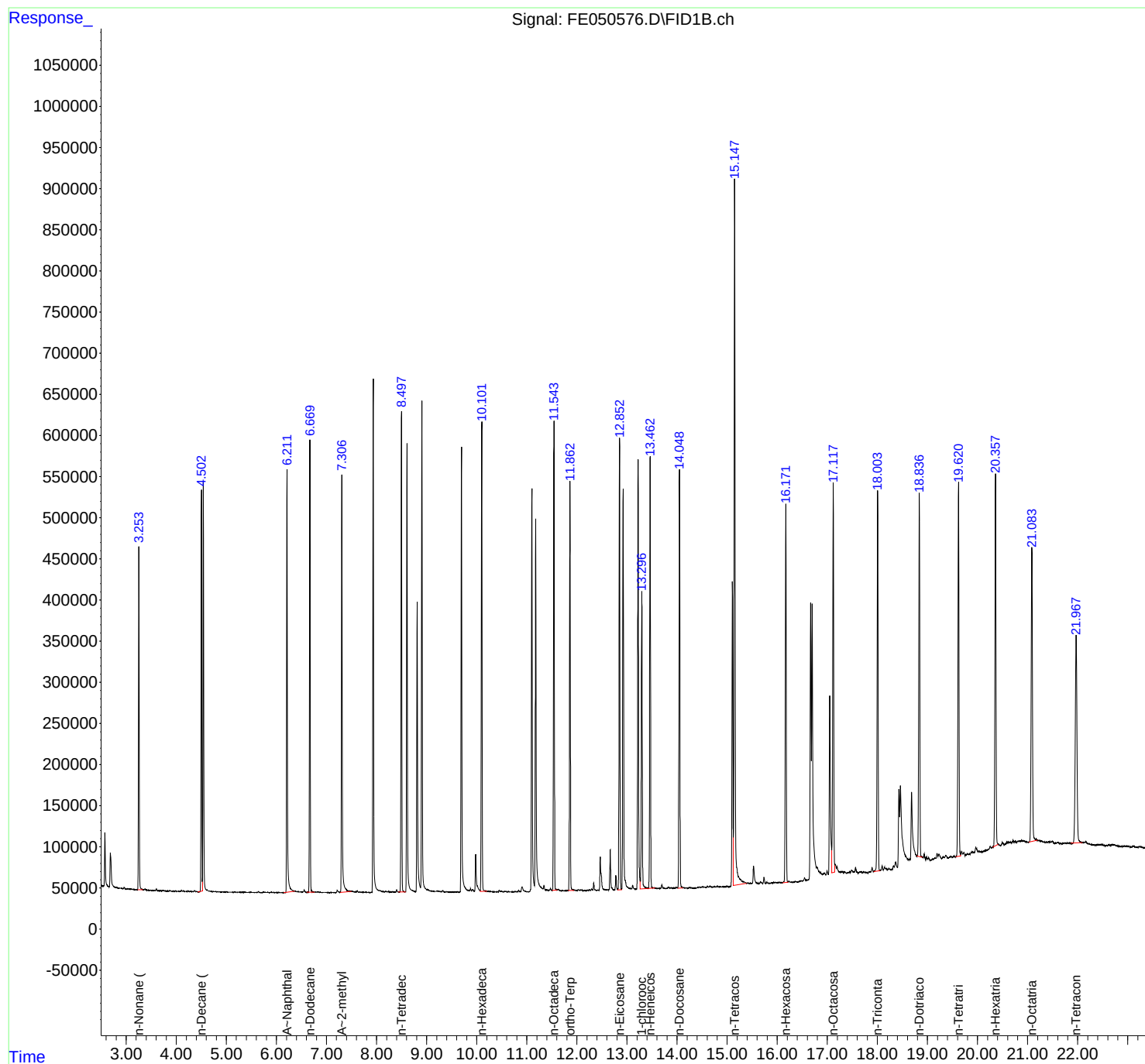
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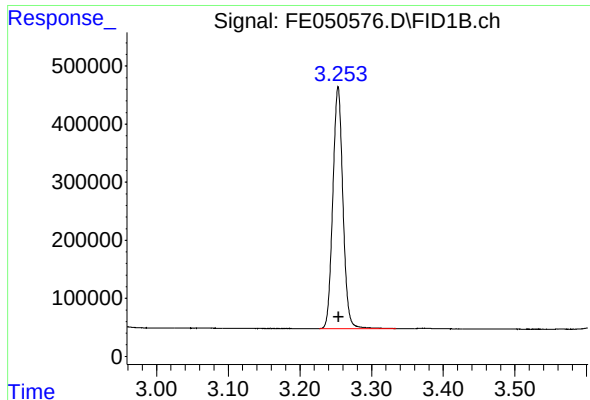
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#1 n-Nonane (C9)

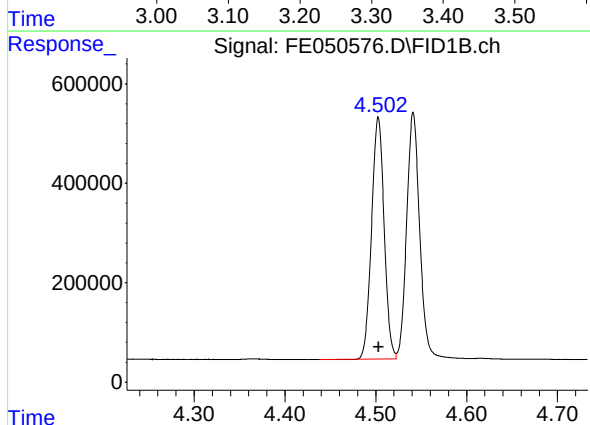
R.T.: 3.253 min
Delta R.T.: 0.000 min
Response: 4076984
Conc: 28.86 ug/ml

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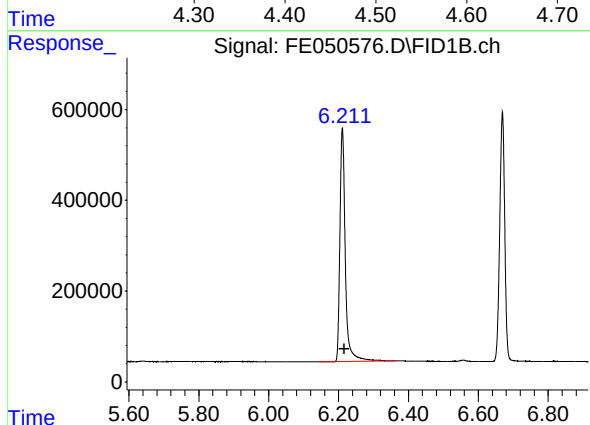
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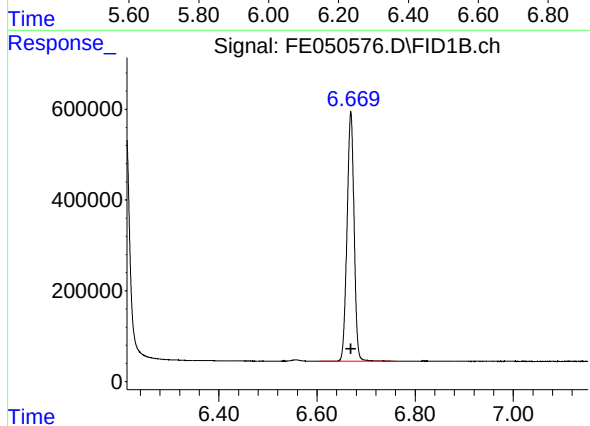
#2 n-Decane (C10)

R.T.: 4.503 min
Delta R.T.: 0.000 min
Response: 4669135
Conc: 32.54 ug/ml



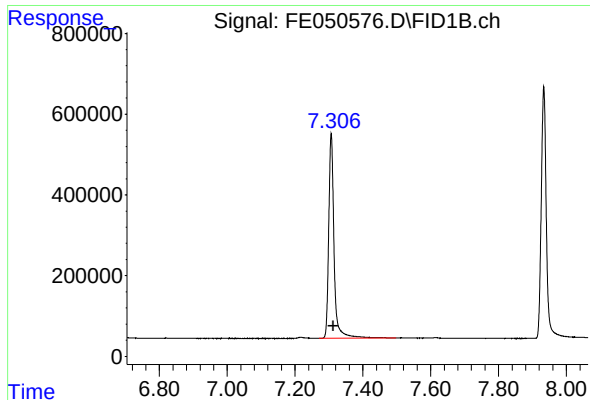
#3 A~Naphthalene (C11.7)

R.T.: 6.211 min
Delta R.T.: -0.006 min
Response: 5532143
Conc: 38.69 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 5474863
Conc: 38.04 ug/ml



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

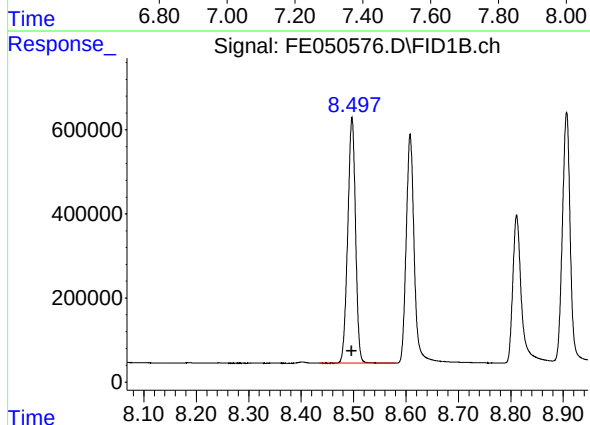
R.T.: 7.307 min
Delta R.T.: -0.006 min
Response: 5522175
Conc: 41.68 ug/ml

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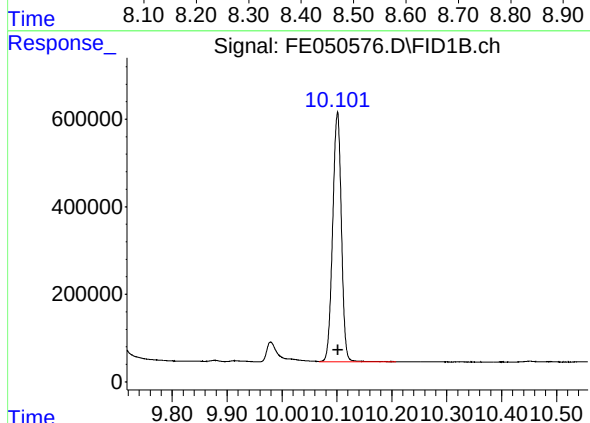
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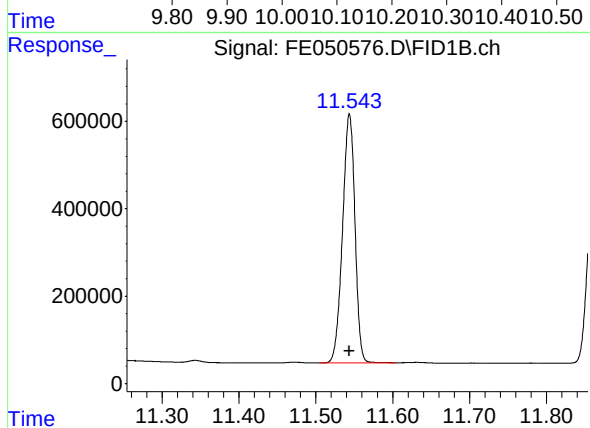
#6 n-Tetradecane (C14)

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 6025527
Conc: 42.12 ug/ml



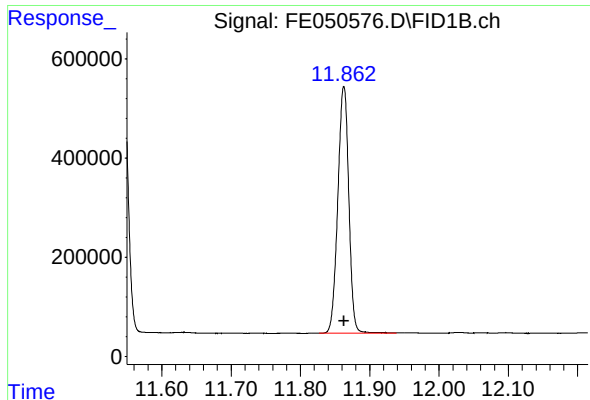
#7 n-Hexadecane (C16)

R.T.: 10.101 min
Delta R.T.: -0.002 min
Response: 6286343
Conc: 42.71 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.543 min
Delta R.T.: 0.000 min
Response: 6373238
Conc: 42.67 ug/ml



#9 ortho-Terphenyl (SURR)

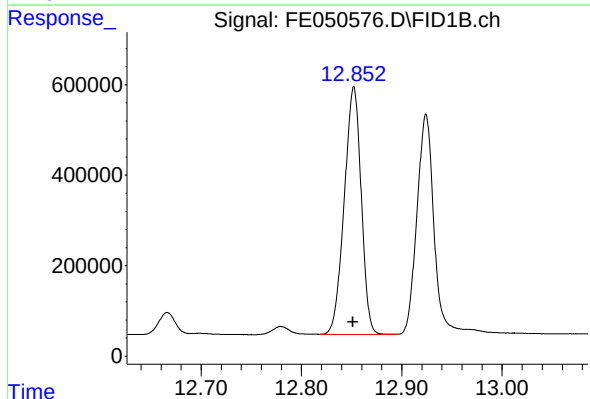
R.T.: 11.862 min
Delta R.T.: 0.000 min
Response: 5477994
Conc: 34.75 ug/ml

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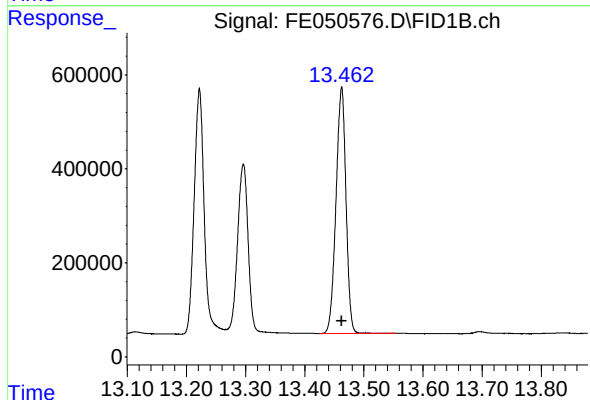
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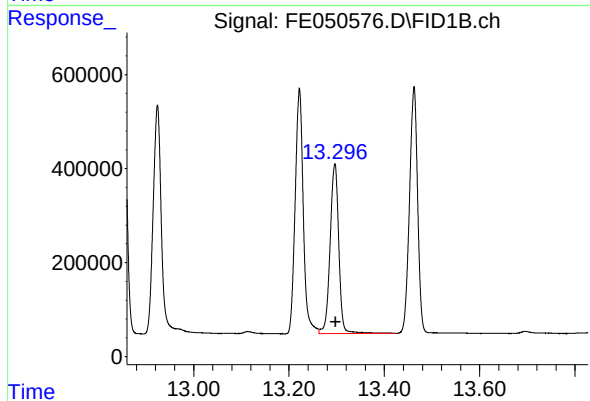
#10 n-Eicosane (C20)

R.T.: 12.852 min
Delta R.T.: 0.000 min
Response: 6438679
Conc: 44.90 ug/ml



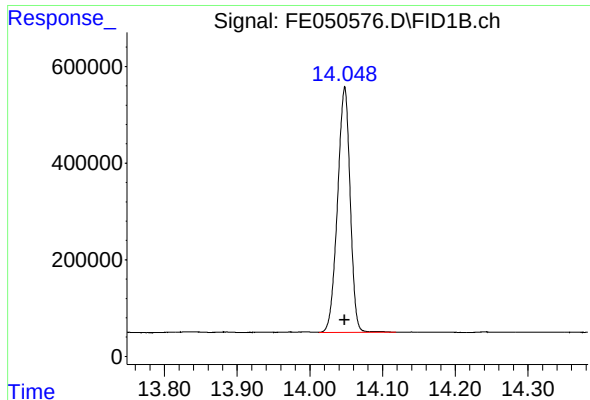
#11 n-Heneicosane (C21)

R.T.: 13.462 min
Delta R.T.: 0.000 min
Response: 6162125
Conc: 43.88 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.296 min
Delta R.T.: -0.002 min
Response: 4614834
Conc: 39.01 ug/ml



#13 n-Docosane (C22)

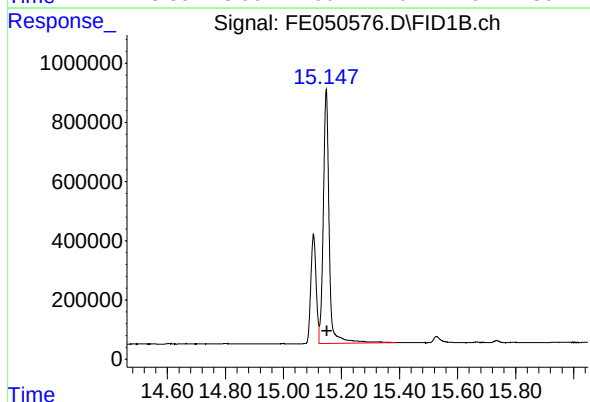
R.T.: 14.048 min
Delta R.T.: 0.000 min
Response: 6130883
Conc: 43.70 ug/ml

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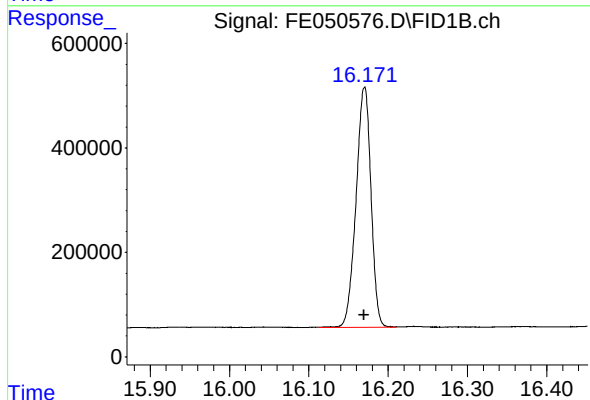
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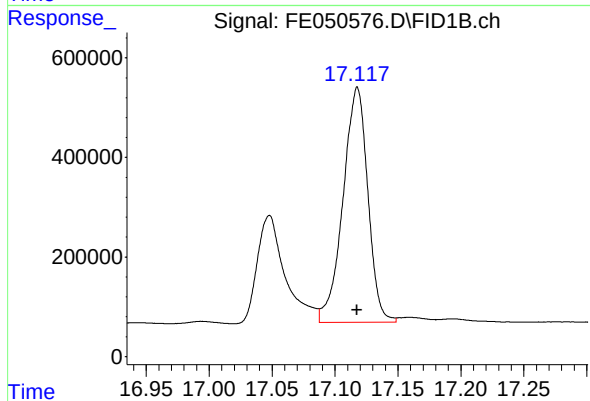
#14 n-Tetracosane (C24)

R.T.: 15.147 min
Delta R.T.: -0.003 min
Response: 12043017
Conc: 85.24 ug/ml



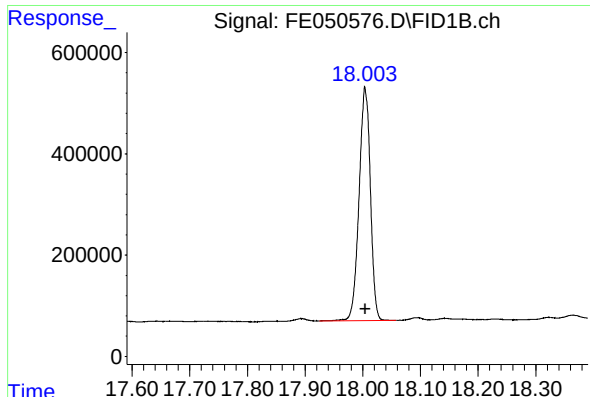
#15 n-Hexacosane (C26)

R.T.: 16.171 min
Delta R.T.: 0.001 min
Response: 6022776
Conc: 42.80 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.117 min
Delta R.T.: 0.000 min
Response: 6478263
Conc: 44.27 ug/ml m



#17 n-Tricontane (C30)

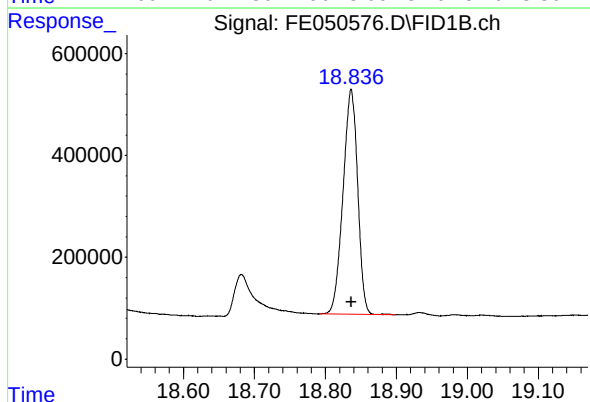
R.T.: 18.004 min
Delta R.T.: 0.000 min
Response: 6280096
Conc: 39.50 ug/ml

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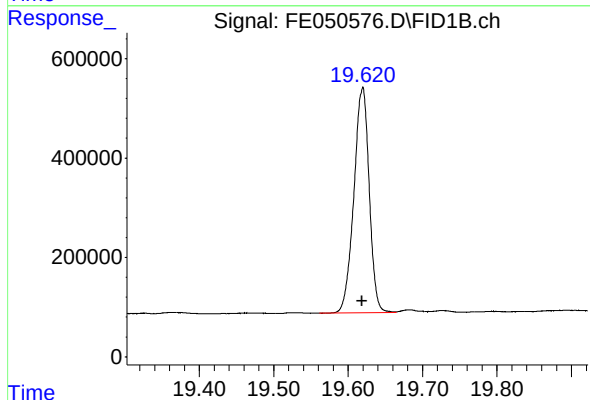
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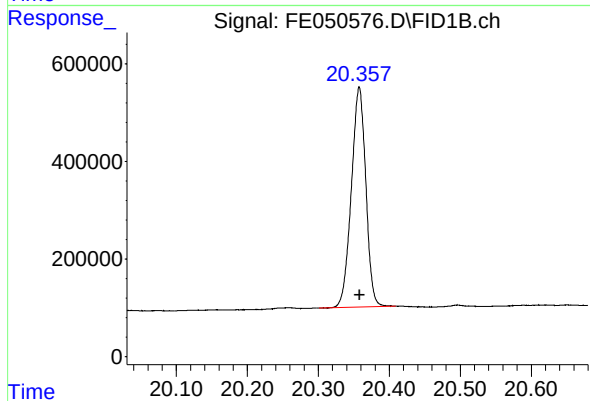
#18 n-Dotriacontane (C32)

R.T.: 18.836 min
Delta R.T.: 0.000 min
Response: 6331260
Conc: 39.05 ug/ml



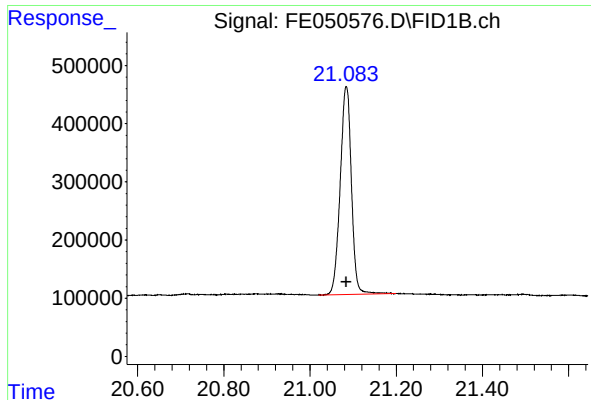
#19 n-Tetratriacontane (C34)

R.T.: 19.619 min
Delta R.T.: 0.000 min
Response: 6494068
Conc: 44.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.357 min
Delta R.T.: -0.001 min
Response: 6398832
Conc: 50.46 ug/ml



#21 n-Octatriacontane (C38)

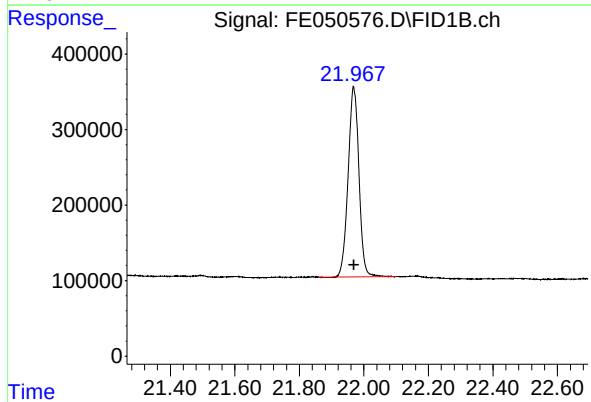
R.T.: 21.084 min
Delta R.T.: 0.000 min
Response: 6454176
Conc: 52.20 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.969 min
Delta R.T.: 0.000 min
Response: 5846086
Conc: 52.50 ug/ml