

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110524AL\
 Data File : FE051034.D
 Signal(s) : FID1B.ch
 Acq On : 05 Nov 2024 19:27
 Operator : YP\AJ
 Sample : P4693-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

BP-G5-WCMS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :Ankita Jodhani 11/06/2024

Integration File: autoint1.e

Quant Time: Nov 06 00:41:48 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)	11.854	4982824	31.606 ug/mlm
Spiked Amount 50.000		Recovery =	63.21%
12) S 1-chlorooctadecane (S...	13.286	4393464	37.140 ug/ml
Spiked Amount 50.000		Recovery =	74.28%
Target Compounds			
1) T n-Nonane (C9)	3.240	4419876	31.282 ug/ml
2) T n-Decane (C10)	4.492	4897925	34.138 ug/ml
3) T A~Naphthalene (C11.7)	6.203	5124671	35.839 ug/ml
4) T n-Dodecane (C12)	6.659	5253294	36.498 ug/ml
5) T A~2-methylnaphthalene...	7.299	4825122	36.422 ug/ml
6) T n-Tetradecane (C14)	8.488	5607297	39.193 ug/ml
7) T n-Hexadecane (C16)	10.092	6045333	41.077 ug/ml
8) T n-Octadecane (C18)	11.534	6353243	42.534 ug/ml
10) T n-Eicosane (C20)	12.842	6718523	46.851 ug/mlm
11) T n-Heneicosane (C21)	13.452	6158889	43.856 ug/ml
13) T n-Docosane (C22)	14.037	6317044	45.027 ug/ml
14) T n-Tetracosane (C24)	15.140	12564745	88.937 ug/mlm
15) T n-Hexacosane (C26)	16.159	5947681	42.267 ug/mlm
16) T n-Octacosane (C28)	17.107	6839375	46.739 ug/mlm
17) T n-Tricontane (C30)	17.994	6256878	39.351 ug/ml
18) T n-Dotriacontane (C32)	18.825	6439366	39.721 ug/ml
19) T n-Tetratriacontane (C34)	19.606	6628681	45.126 ug/mlm
20) T n-Hexatriacontane (C36)	20.346	6801415	53.633 ug/mlm
21) T n-Octatriacontane (C38)	21.069	6286453	50.842 ug/mlm
22) T n-Tetracontane (C40)	21.953	5811935	52.195 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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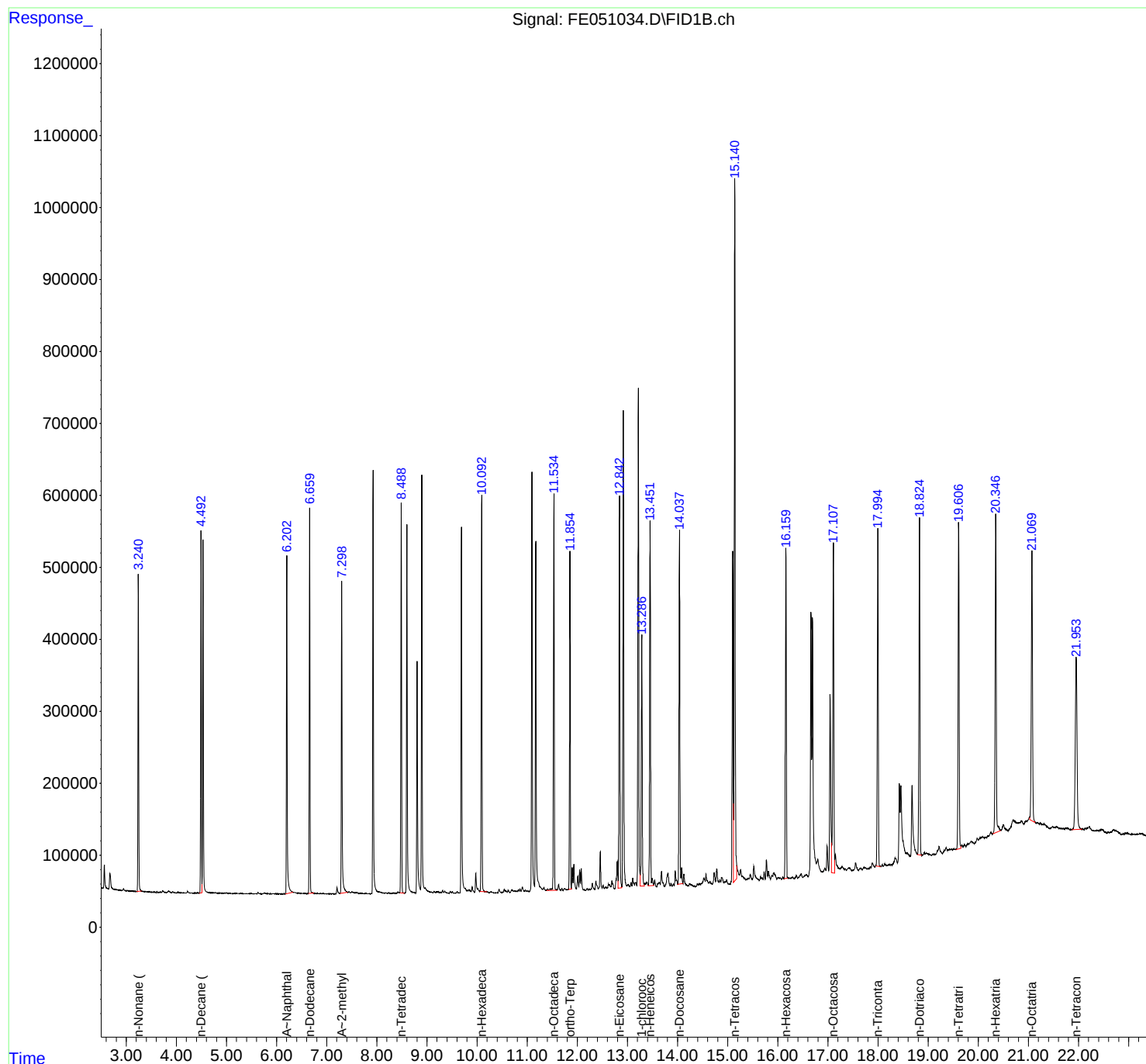
Response via : Initial Calibration

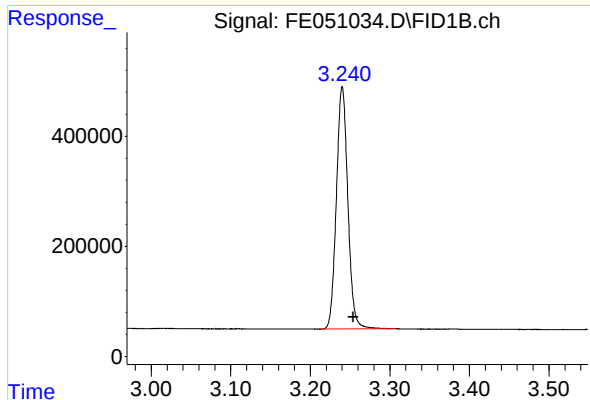
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





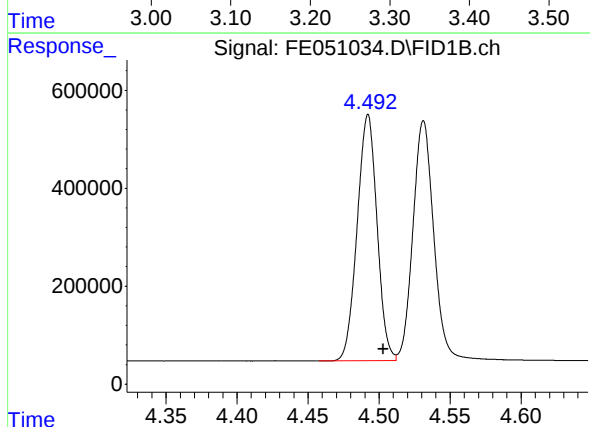
#1 n-Nonane (C9)

R.T.: 3.240 min
Delta R.T.: -0.014 min
Response: 4419876
Conc: 31.28 ug/ml

Instrument :
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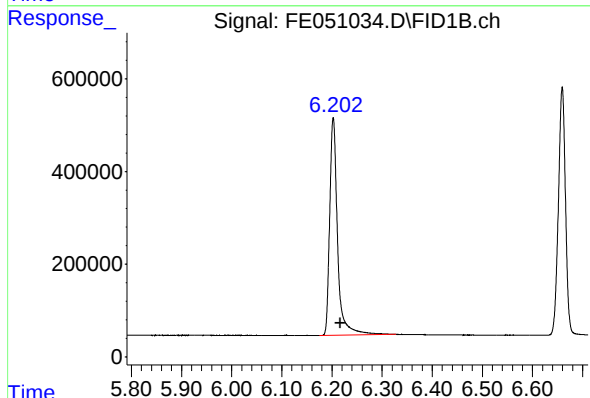
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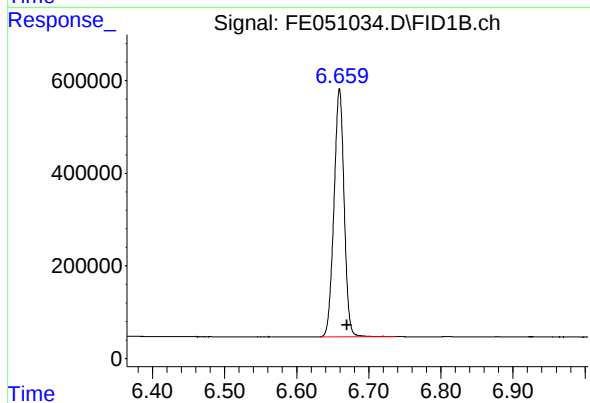
#2 n-Decane (C10)

R.T.: 4.492 min
Delta R.T.: -0.011 min
Response: 4897925
Conc: 34.14 ug/ml



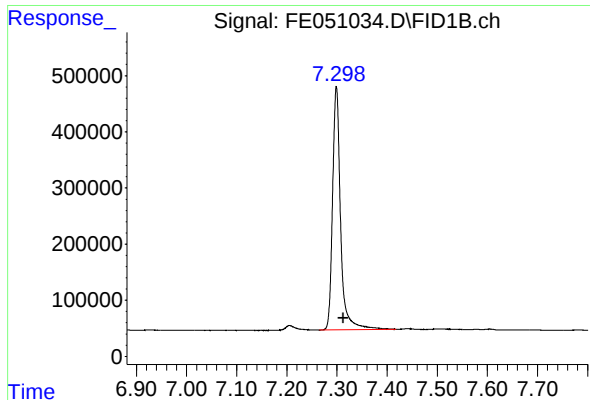
#3 A~Naphthalene (C11.7)

R.T.: 6.203 min
Delta R.T.: -0.014 min
Response: 5124671
Conc: 35.84 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.659 min
Delta R.T.: -0.010 min
Response: 5253294
Conc: 36.50 ug/ml



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

R.T.: 7.299 min
Delta R.T.: -0.014 min
Response: 4825122
Conc: 36.42 ug/ml

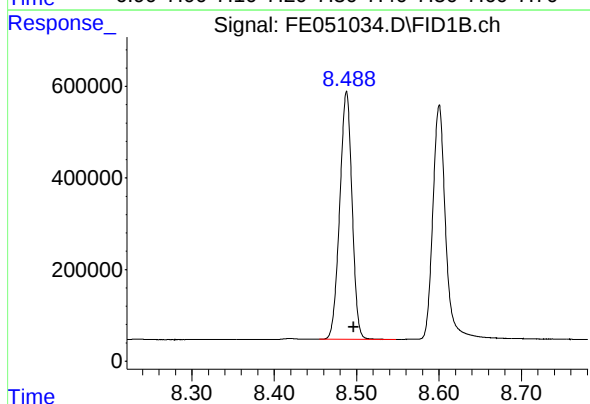
Instrument :

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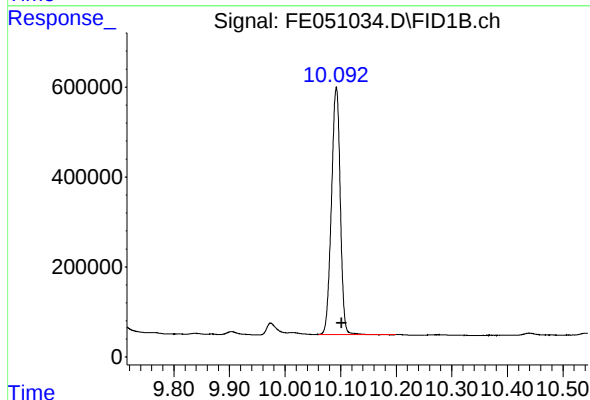
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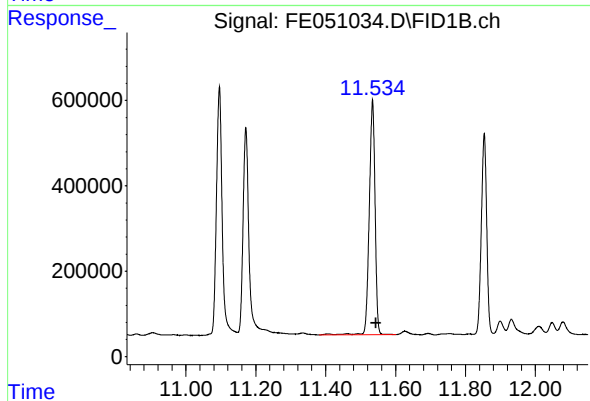
#6 n-Tetradecane (C14)

R.T.: 8.488 min
Delta R.T.: -0.009 min
Response: 5607297
Conc: 39.19 ug/ml



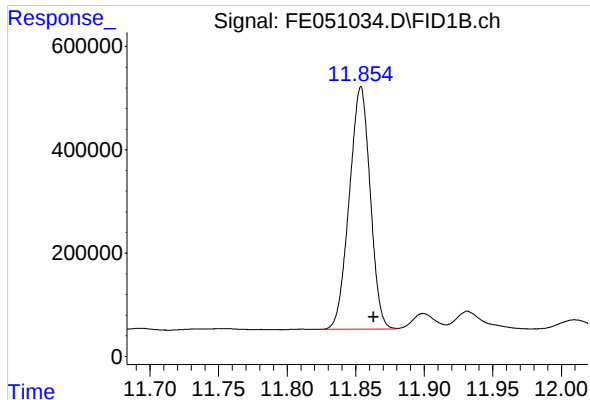
#7 n-Hexadecane (C16)

R.T.: 10.092 min
Delta R.T.: -0.011 min
Response: 6045333
Conc: 41.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.534 min
Delta R.T.: -0.010 min
Response: 6353243
Conc: 42.53 ug/ml



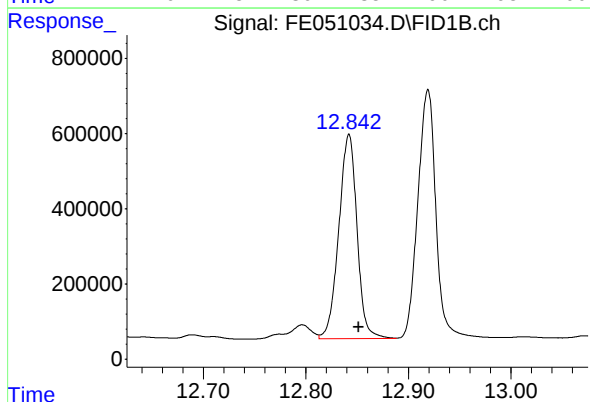
#9 ortho-Terphenyl (SURR)

R.T.: 11.854 min
Delta R.T.: -0.009 min
Response: 4982824
Conc: 31.61 ug/ml

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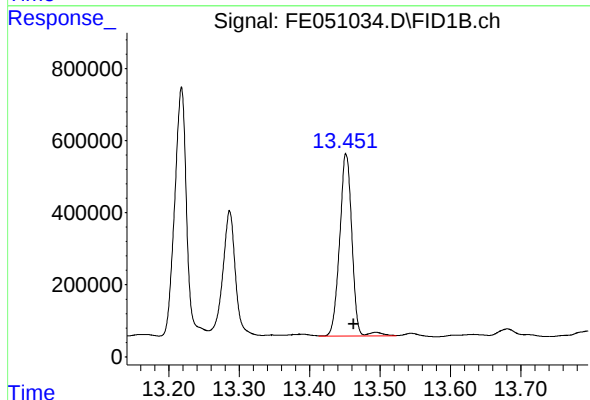
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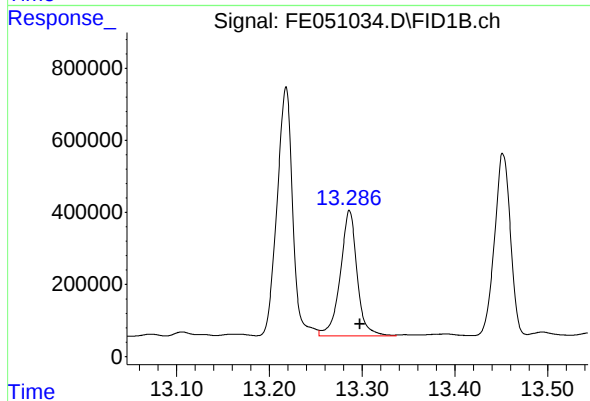
#10 n-Eicosane (C20)

R.T.: 12.842 min
Delta R.T.: -0.010 min
Response: 6718523
Conc: 46.85 ug/ml m



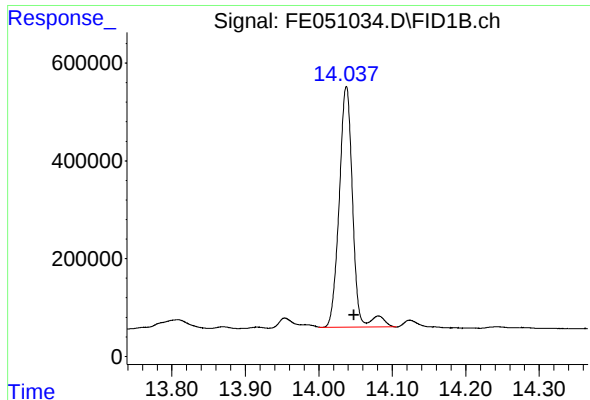
#11 n-Heneicosane (C21)

R.T.: 13.452 min
Delta R.T.: -0.011 min
Response: 6158889
Conc: 43.86 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.286 min
Delta R.T.: -0.012 min
Response: 4393464
Conc: 37.14 ug/ml



#13 n-Docosane (C22)

R.T.: 14.037 min
Delta R.T.: -0.011 min
Response: 6317044
Conc: 45.03 ug/ml

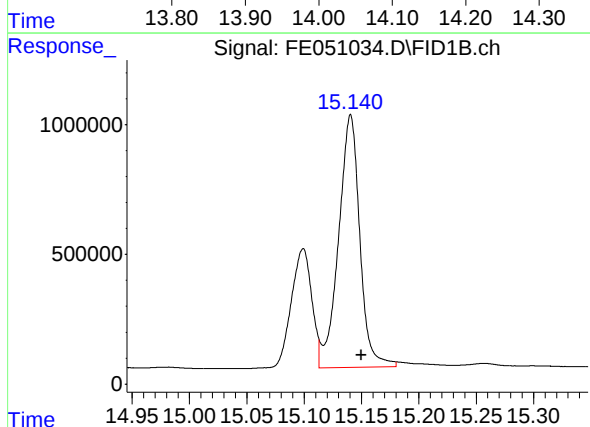
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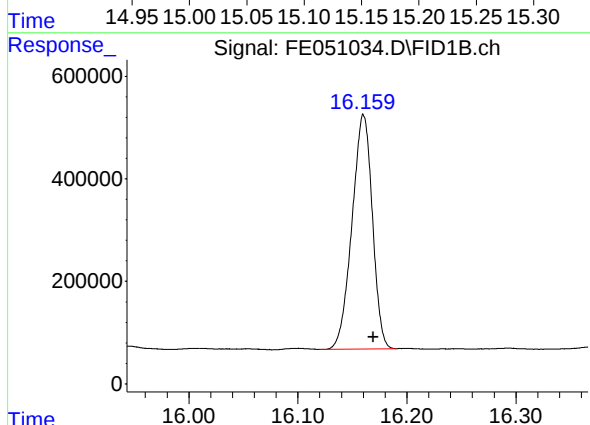
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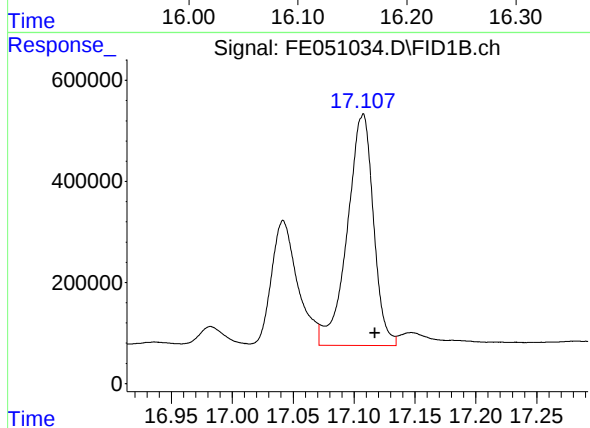
#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: -0.010 min
Response: 12564745
Conc: 88.94 ug/ml



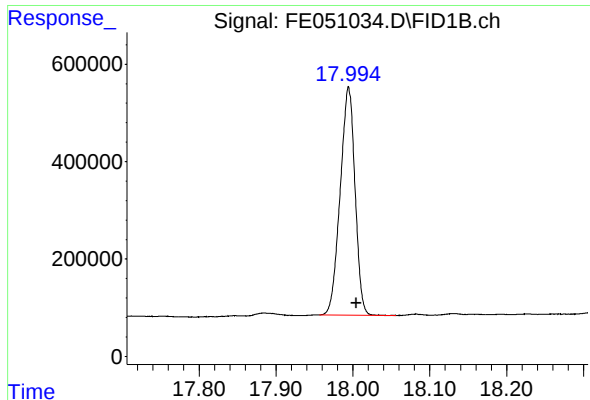
#15 n-Hexacosane (C26)

R.T.: 16.159 min
Delta R.T.: -0.010 min
Response: 5947681
Conc: 42.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.107 min
Delta R.T.: -0.010 min
Response: 6839375
Conc: 46.74 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.994 min
Delta R.T.: -0.010 min
Response: 6256878
Conc: 39.35 ug/ml

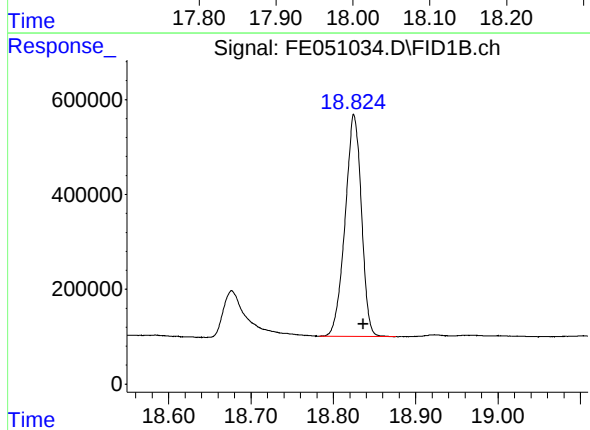
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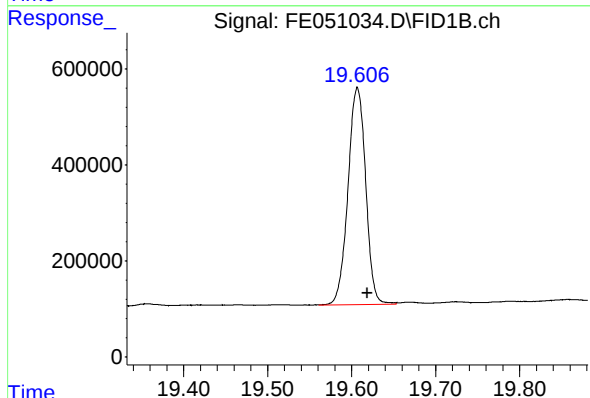
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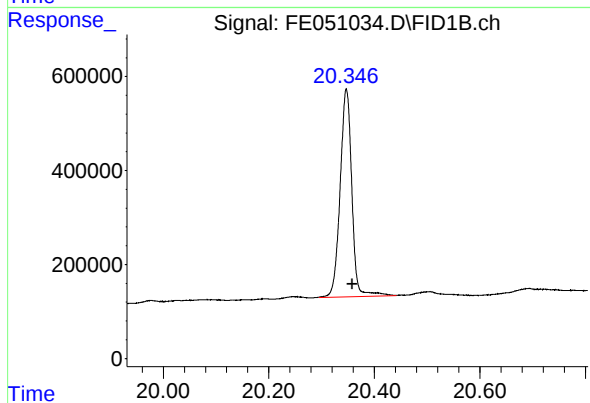
#18 n-Dotriacontane (C32)

R.T.: 18.825 min
Delta R.T.: -0.012 min
Response: 6439366
Conc: 39.72 ug/ml



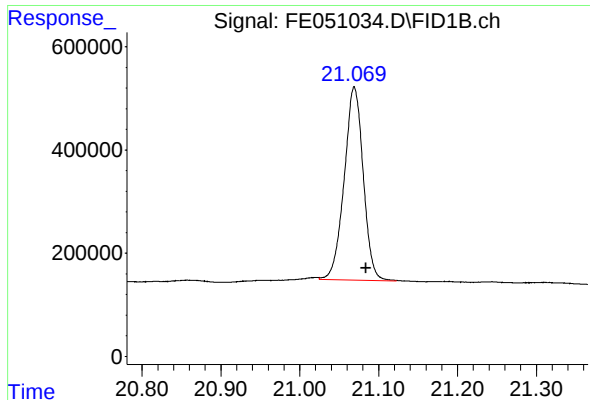
#19 n-Tetratriacontane (C34)

R.T.: 19.606 min
Delta R.T.: -0.012 min
Response: 6628681
Conc: 45.13 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.346 min
Delta R.T.: -0.012 min
Response: 6801415
Conc: 53.63 ug/ml m



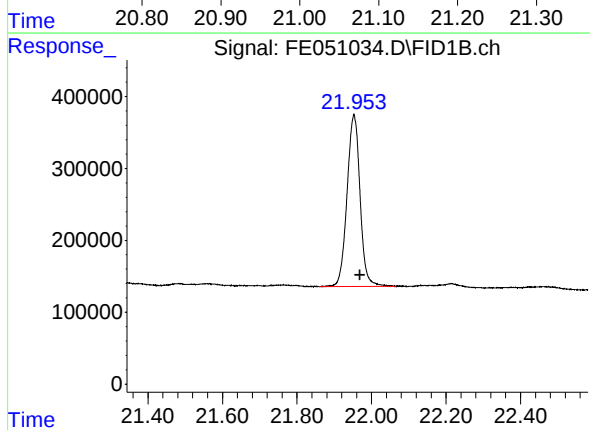
#21 n-Octatriacontane (C38)

R.T.: 21.069 min
Delta R.T.: -0.015 min
Response: 6286453
Conc: 50.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.953 min
Delta R.T.: -0.017 min
Response: 5811935
Conc: 52.19 ug/ml m