

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082724AL\
 Data File : FE049802.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2024 03:49
 Operator : YP\AJ
 Sample : P3739-09MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WC-2MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/28/2024

Supervised By :Ankita Jodhani 08/28/2024

Integration File: autoint1.e

Quant Time: Aug 28 06:00:34 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M

Quant Title : GC Extractables

QLast Update : Wed Aug 14 11:05:17 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)	11.887	8046908	49.761 ug/ml
Spiked Amount 50.000		Recovery =	99.52%
12) S 1-chlorooctadecane (S...	13.320	5122625	41.987 ug/ml
Spiked Amount 50.000		Recovery =	83.97%
Target Compounds			
1) T n-Nonane (C9)	3.272	4834534	31.240 ug/ml
2) T n-Decane (C10)	4.524	5706907	36.145 ug/ml
3) T A~Naphthalene (C11.7)	6.231	6234654	38.856 ug/ml
4) T n-Dodecane (C12)	6.691	6579710	41.853 ug/ml
5) T A~2-methylnaphthalene...	7.327	6396189	42.711 ug/ml
6) T n-Tetradecane (C14)	8.520	6984231	45.241 ug/ml
7) T n-Hexadecane (C16)	10.125	7062272	45.218 ug/ml
8) T n-Octadecane (C18)	11.568	7200602	45.848 ug/ml
10) T n-Eicosane (C20)	12.876	7181618	48.100 ug/ml
11) T n-Heneicosane (C21)	13.487	6988945	47.642 ug/ml
13) T n-Docosane (C22)	14.072	6892964	47.292 ug/ml
14) T n-Tetracosane (C24)	15.169	12392996	85.195 ug/ml
15) T n-Hexacosane (C26)	16.195	6747721	46.754 ug/ml
16) T n-Octacosane (C28)	17.142	7424868	51.548 ug/ml
17) T n-Tricontane (C30)	18.029	6968180	46.546 ug/ml
18) T n-Dotriacontane (C32)	18.860	6979944	46.138 ug/ml
19) T n-Tetratriacontane (C34)	19.642	7305073	47.783 ug/ml
20) T n-Hexatriacontane (C36)	20.384	7410474	48.800 ug/ml
21) T n-Octatriacontane (C38)	21.111	7616554	48.528 ug/ml
22) T n-Tetracontane (C40)	22.006	7475122	48.960 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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QLast Update : Wed Aug 14 11:05:17 2024

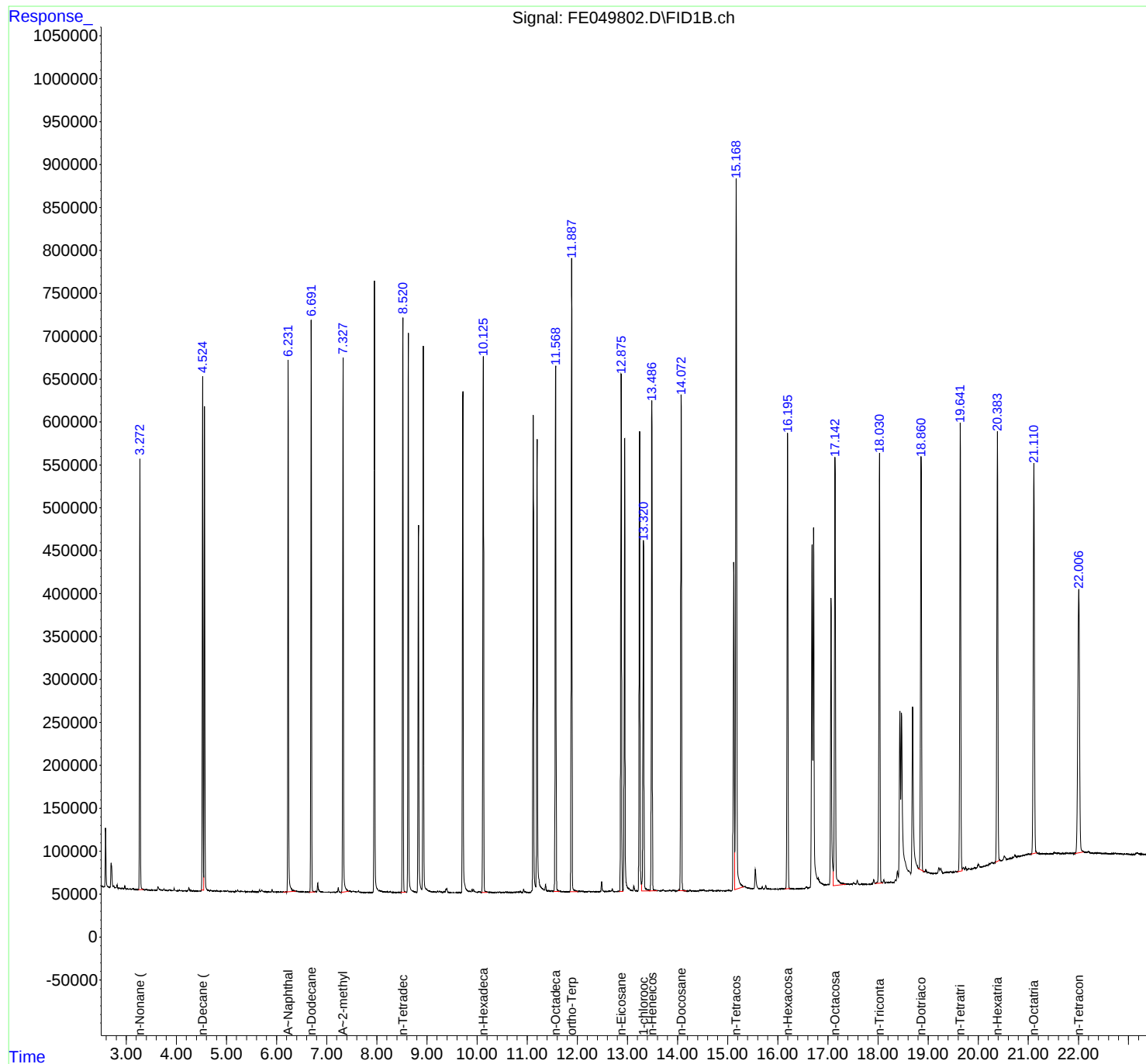
Response via : Initial Calibration

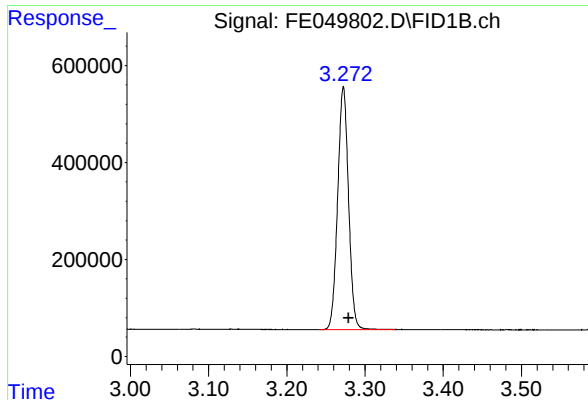
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.272 min
Delta R.T.: -0.007 min
Response: 4834534
Conc: 31.24 ug/ml

Instrument :

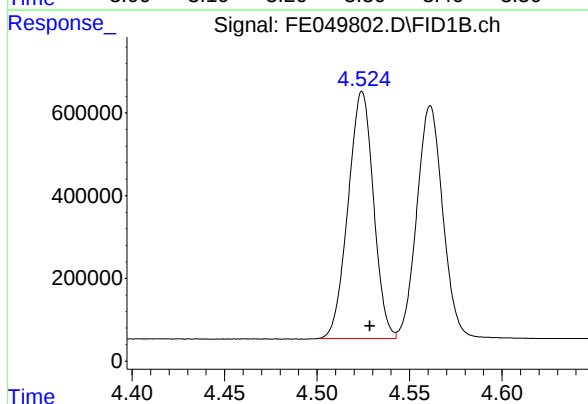
FID_E

ClientSampleId :

WC-2MS

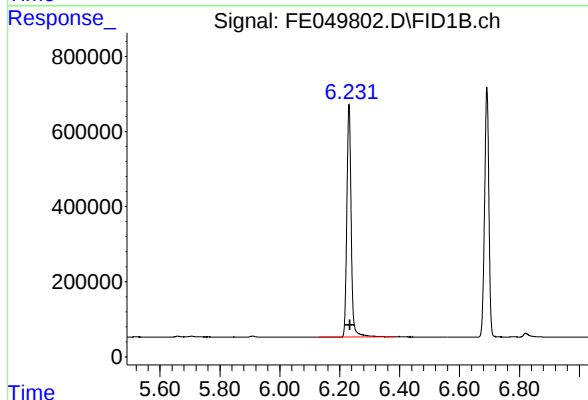
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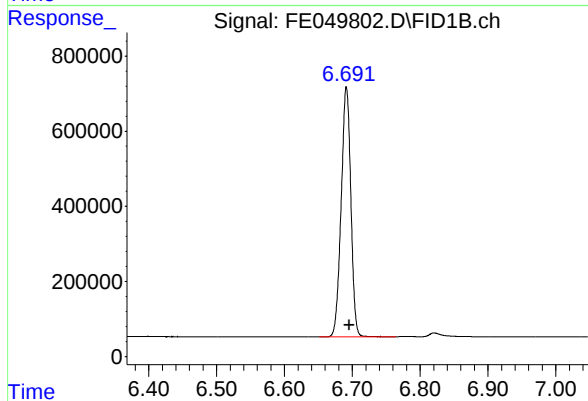
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: -0.004 min
Response: 5706907
Conc: 36.14 ug/ml



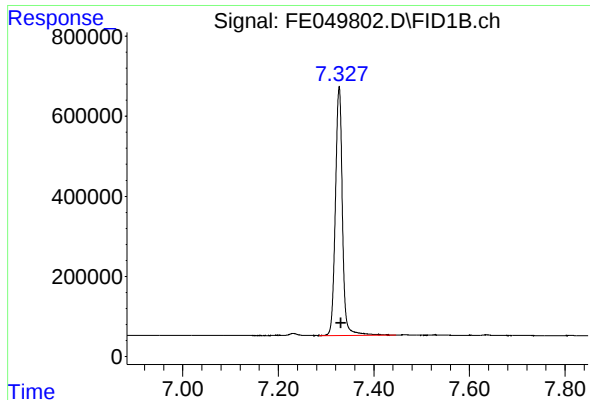
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: -0.004 min
Response: 6234654
Conc: 38.86 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.691 min
Delta R.T.: -0.004 min
Response: 6579710
Conc: 41.85 ug/ml



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

R.T.: 7.327 min
Delta R.T.: -0.004 min
Response: 6396189
Conc: 42.71 ug/ml

Instrument :

FID_E

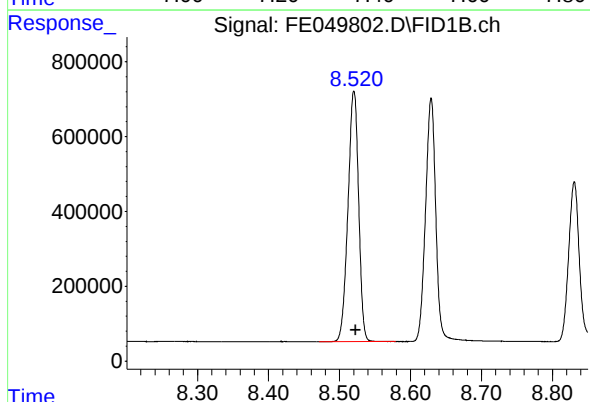
ClientSampleId :

WC-2MS

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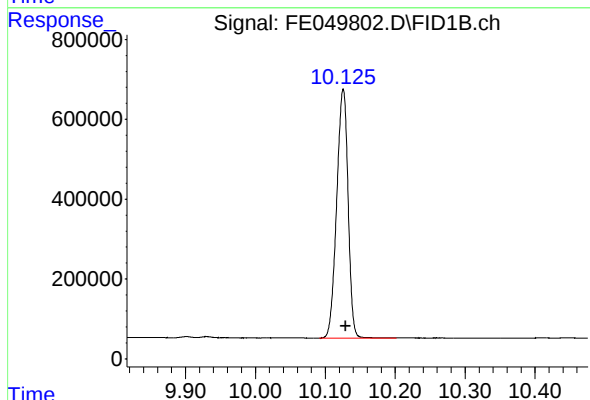
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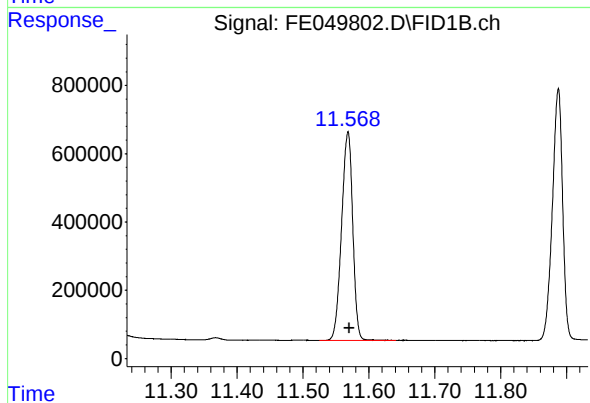
#6 n-Tetradecane (C14)

R.T.: 8.520 min
Delta R.T.: -0.002 min
Response: 6984231
Conc: 45.24 ug/ml



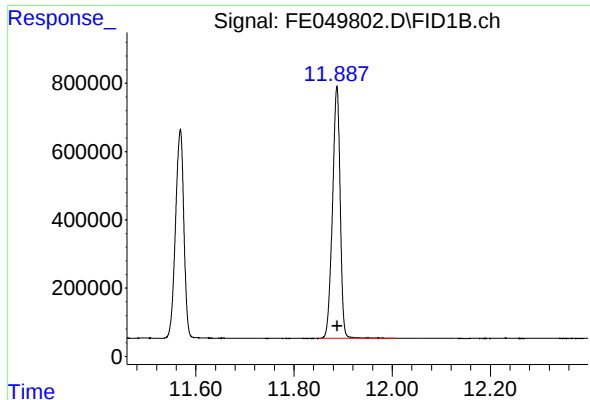
#7 n-Hexadecane (C16)

R.T.: 10.125 min
Delta R.T.: -0.004 min
Response: 7062272
Conc: 45.22 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.568 min
Delta R.T.: -0.003 min
Response: 7200602
Conc: 45.85 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.887 min
Delta R.T.: -0.001 min
Response: 8046908
Conc: 49.76 ug/ml

Instrument :

FID_E

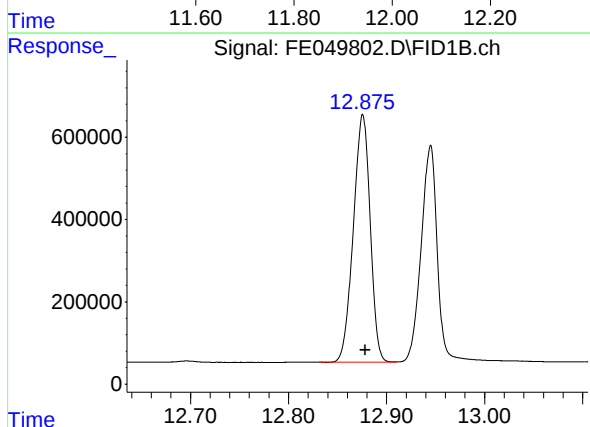
ClientSampleId :

WC-2MS

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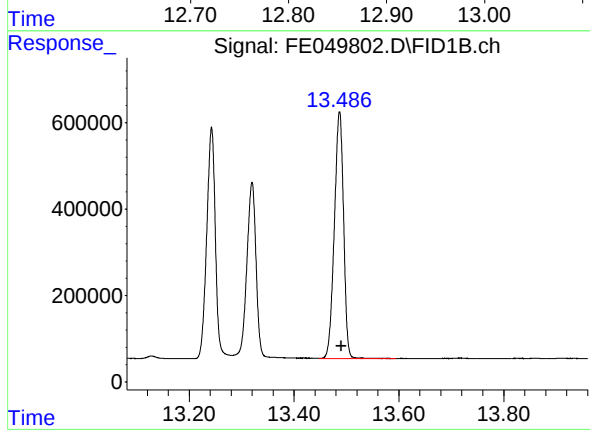
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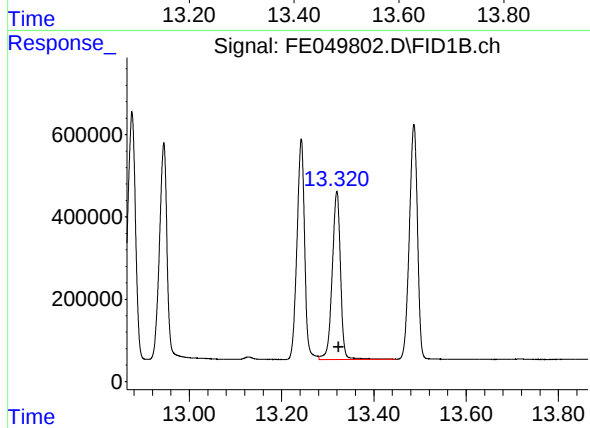
#10 n-Eicosane (C20)

R.T.: 12.876 min
Delta R.T.: -0.003 min
Response: 7181618
Conc: 48.10 ug/ml



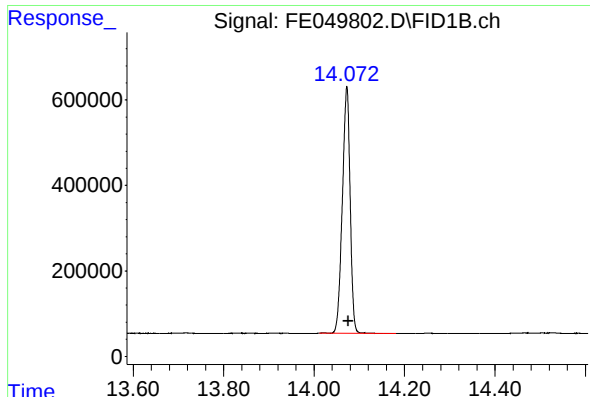
#11 n-Heneicosane (C21)

R.T.: 13.487 min
Delta R.T.: -0.003 min
Response: 6988945
Conc: 47.64 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.320 min
Delta R.T.: -0.004 min
Response: 5122625
Conc: 41.99 ug/ml



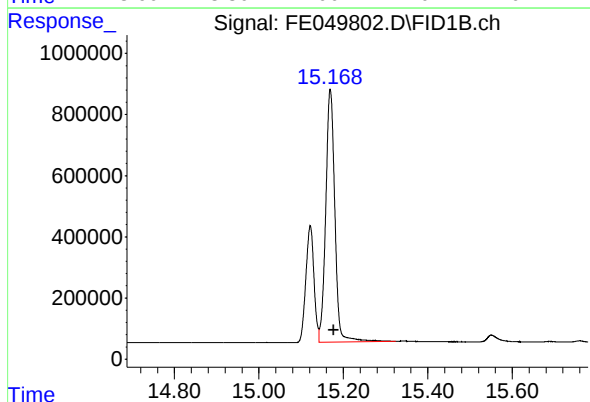
#13 n-Docosane (C22)

R.T.: 14.072 min
Delta R.T.: -0.003 min
Response: 6892964
Conc: 47.29 ug/ml

Instrument :
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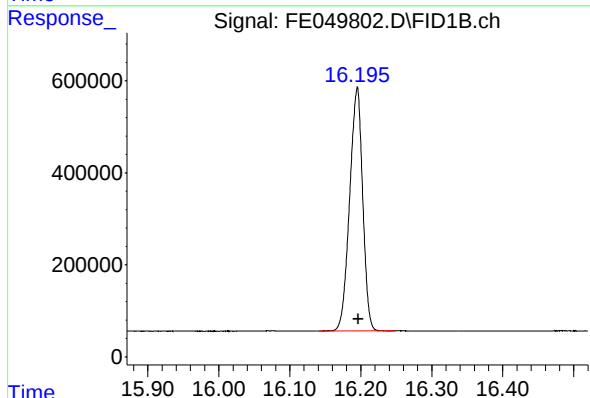
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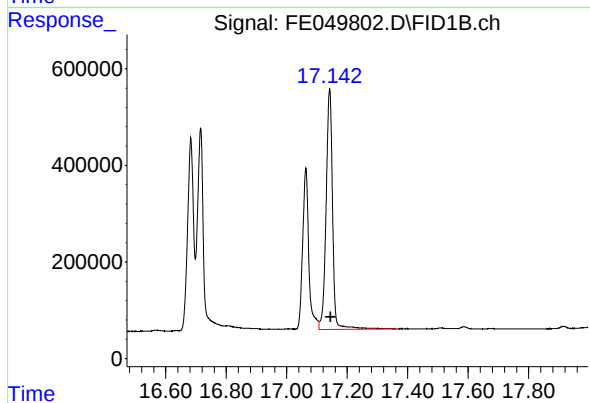
#14 n-Tetracosane (C24)

R.T.: 15.169 min
Delta R.T.: -0.008 min
Response: 12392996
Conc: 85.20 ug/ml



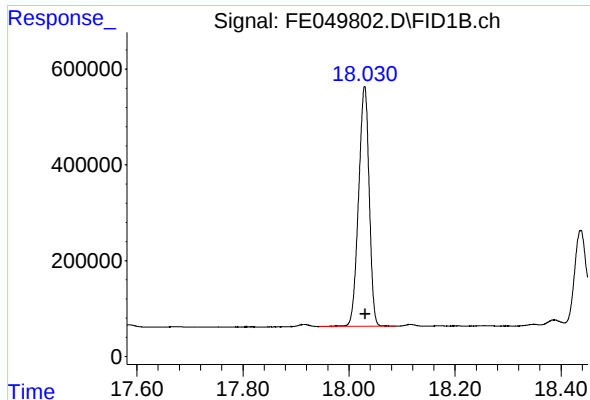
#15 n-Hexacosane (C26)

R.T.: 16.195 min
Delta R.T.: -0.002 min
Response: 6747721
Conc: 46.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.142 min
Delta R.T.: -0.003 min
Response: 7424868
Conc: 51.55 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.029 min
Delta R.T.: -0.002 min
Response: 6968180
Conc: 46.55 ug/ml

Instrument :

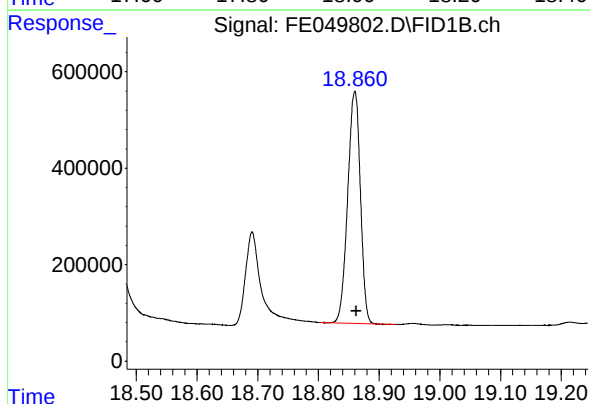
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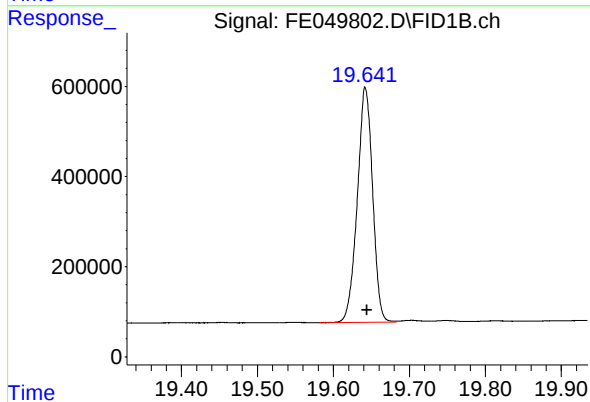
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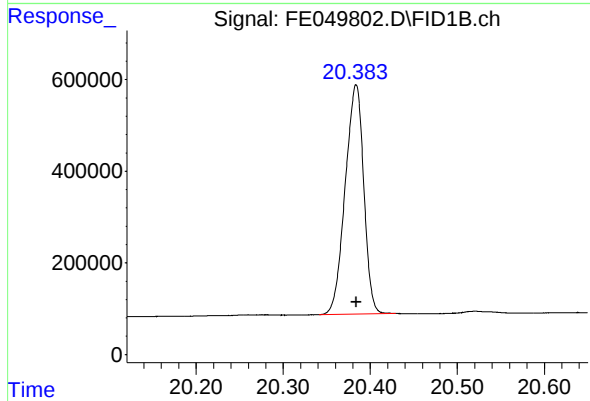
#18 n-Dotriacontane (C32)

R.T.: 18.860 min
Delta R.T.: -0.003 min
Response: 6979944
Conc: 46.14 ug/ml



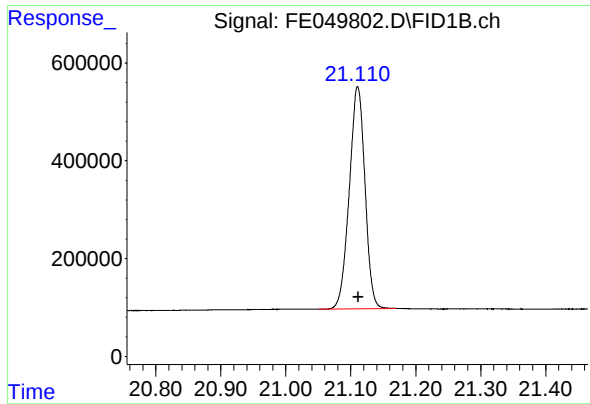
#19 n-Tetratriacontane (C34)

R.T.: 19.642 min
Delta R.T.: -0.002 min
Response: 7305073
Conc: 47.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.384 min
Delta R.T.: 0.000 min
Response: 7410474
Conc: 48.80 ug/ml



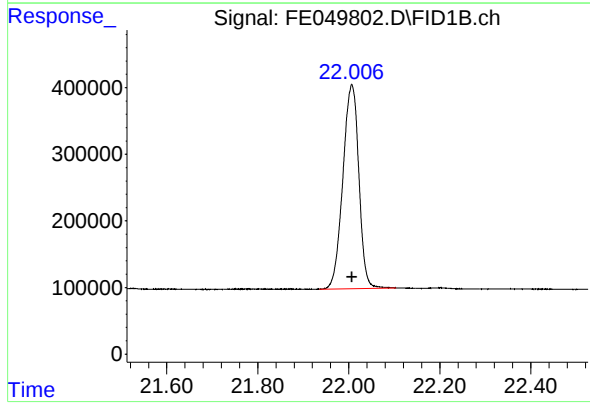
#21 n-Octatriacontane (C38)

R.T.: 21.111 min
Delta R.T.: 0.000 min
Response: 7616554
Conc: 48.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.006 min
Delta R.T.: -0.001 min
Response: 7475122
Conc: 48.96 ug/ml m