

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122623AL\
 Data File : FE045958.D
 Signal(s) : FID1B.ch
 Acq On : 26 Dec 2023 10:46
 Operator : YP\AJ
 Sample : PB158055BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB158055BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2023
 Supervised By :Ankita Jodhani 12/28/2023

Integration File: autoint1.e
 Quant Time: Dec 26 22:27:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 2023
 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)	11.847	7311463	34.964 ug/ml
Spiked Amount 50.000		Recovery =	69.93%
12) S 1-chlorooctadecane (S...	13.290	5628523	35.772 ug/ml
Spiked Amount 50.000		Recovery =	71.54%
Target Compounds			
1) T n-Nonane (C9)	3.247	8057231	50.810 ug/ml
2) T n-Decane (C10)	4.490	8653582	54.040 ug/ml
3) T A~Naphthalene (C11.7)	6.186	9791325	56.209 ug/ml
4) T n-Dodecane (C12)	6.650	9066068	56.127 ug/ml
5) T A~2-methylnaphthalene...	7.282	9569346	56.350 ug/ml
6) T n-Tetradecane (C14)	8.478	9120671	56.854 ug/ml
7) T n-Hexadecane (C16)	10.087	9085590	54.867 ug/ml
8) T n-Octadecane (C18)	11.534	9037341	52.711 ug/ml
10) T n-Eicosane (C20)	12.847	8918433	51.545 ug/ml
11) T n-Heneicosane (C21)	13.460	8442993	49.078 ug/ml
13) T n-Docosane (C22)	14.047	8319832	48.253 ug/ml
14) T n-Tetracosane (C24)	15.154	17169393	98.347 ug/ml
15) T n-Hexacosane (C26)	16.179	7856421	45.112 ug/ml
16) T n-Octacosane (C28)	17.132	8638522	49.982 ug/ml
17) T n-Tricontane (C30)	18.024	7871617	44.994 ug/mlm
18) T n-Dotriacontane (C32)	18.859	7966099	43.665 ug/ml
19) T n-Tetratriacontane (C34)	19.645	7730289	46.587 ug/ml
20) T n-Hexatriacontane (C36)	20.392	7518643	47.365 ug/ml
21) T n-Octatriacontane (C38)	21.131	7825960	49.904 ug/mlm
22) T n-Tetracontane (C40)	22.040	11666632	82.093 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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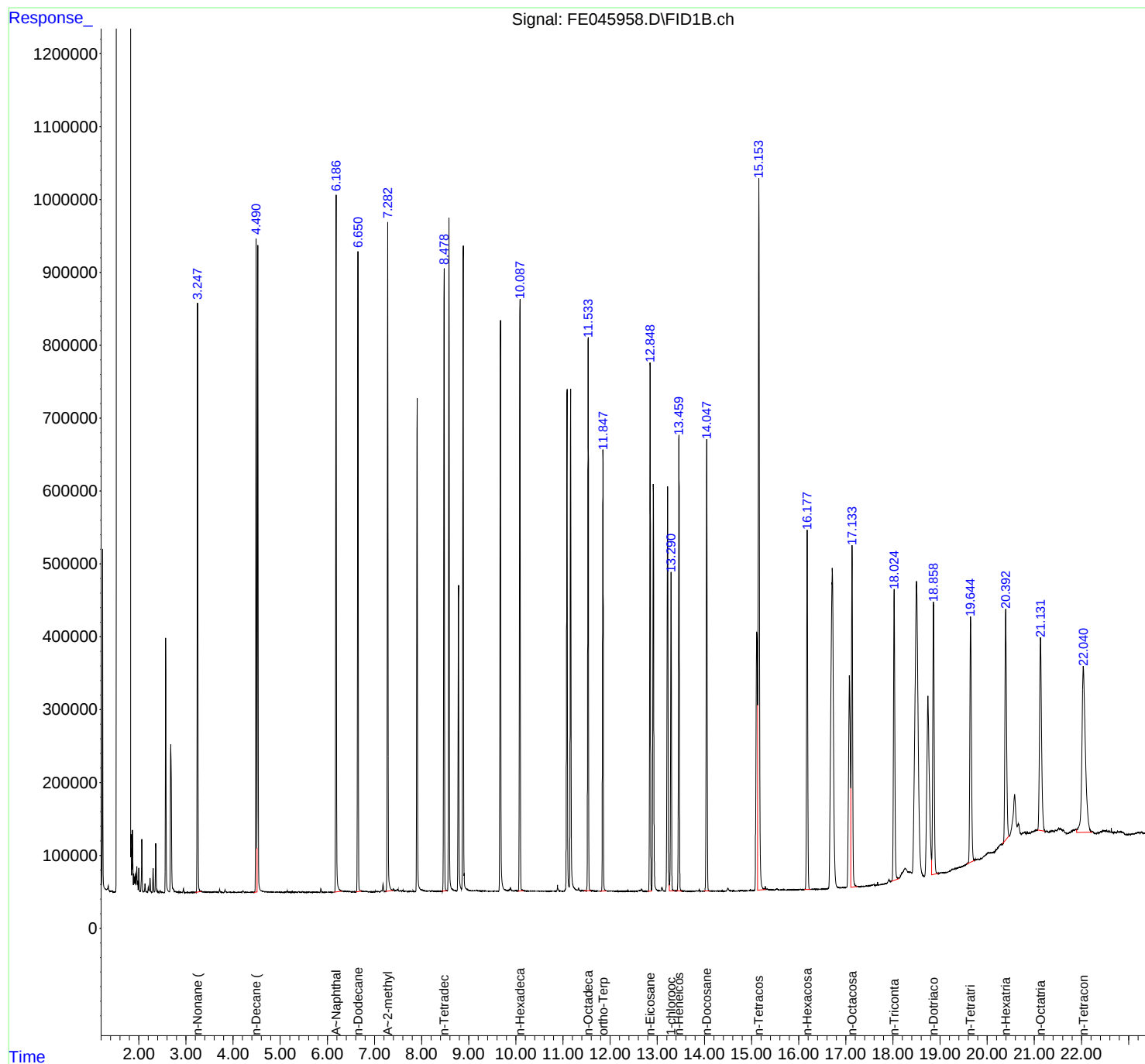
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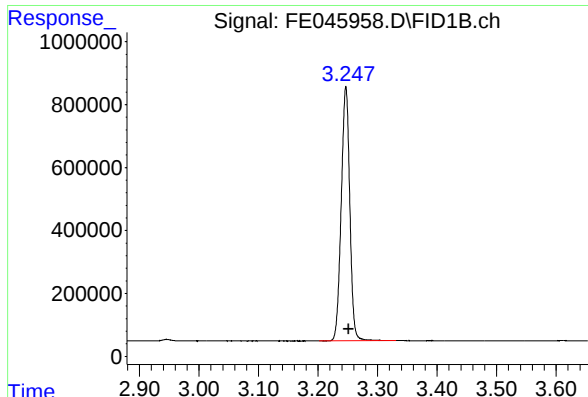
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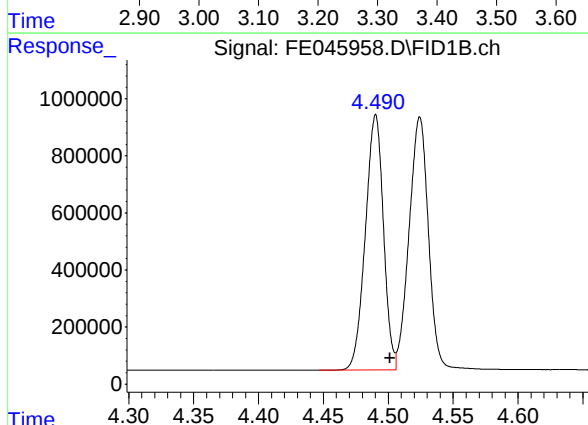
#1 n-Nonane (C9)

R.T.: 3.247 min
Delta R.T.: -0.004 min
Response: 8057231
Conc: 50.81 ug/ml

Instrument :
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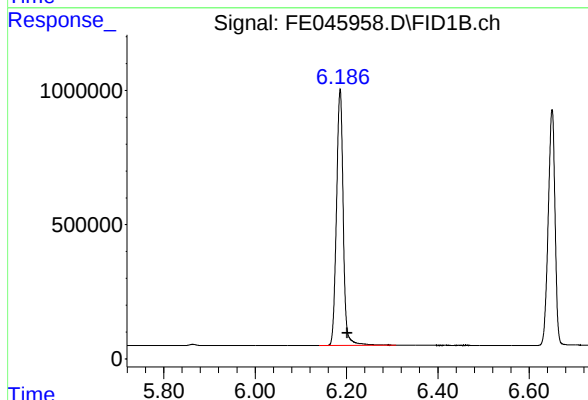
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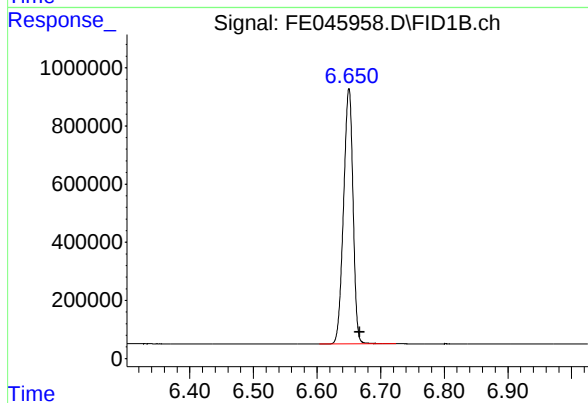
#2 n-Decane (C10)

R.T.: 4.490 min
Delta R.T.: -0.011 min
Response: 8653582
Conc: 54.04 ug/ml



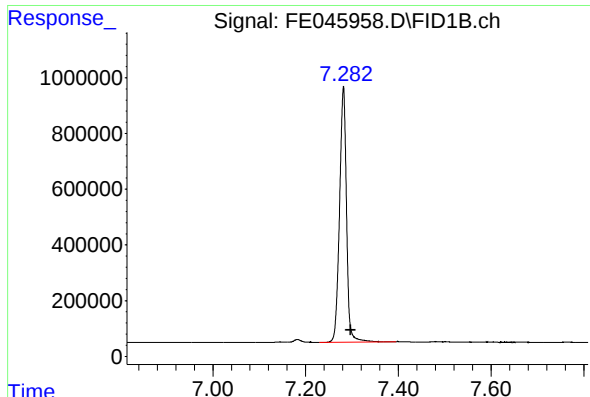
#3 A~Naphthalene (C11.7)

R.T.: 6.186 min
Delta R.T.: -0.015 min
Response: 9791325
Conc: 56.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.650 min
Delta R.T.: -0.017 min
Response: 9066068
Conc: 56.13 ug/ml



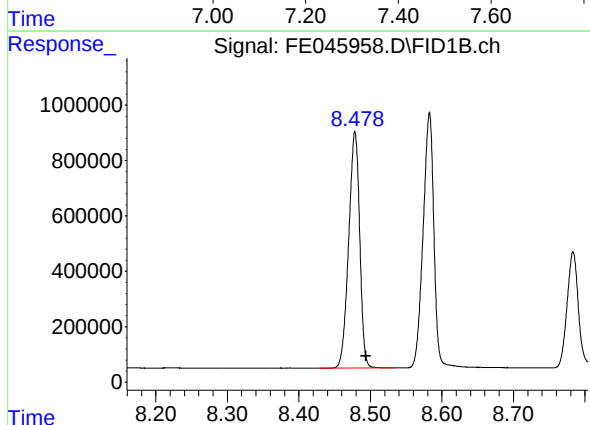
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.282 min
Delta R.T.: -0.016 min
Response: 9569346
Conc: 56.35 ug/ml

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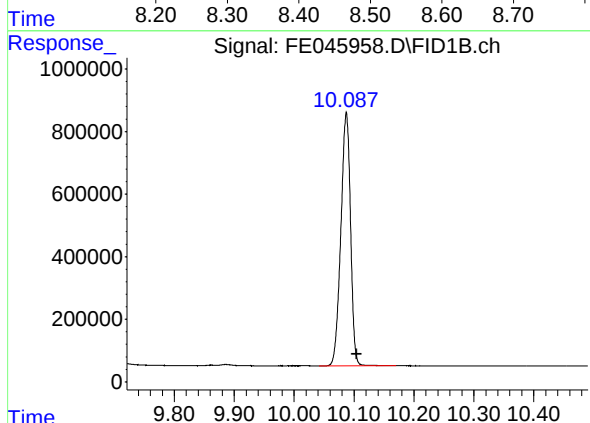
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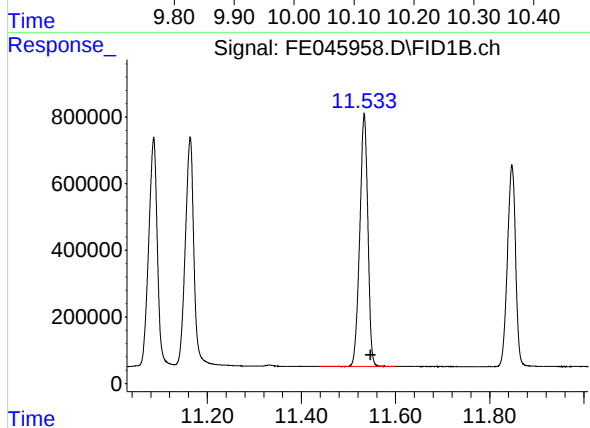
#6 n-Tetradecane (C14)

R.T.: 8.478 min
Delta R.T.: -0.016 min
Response: 9120671
Conc: 56.85 ug/ml



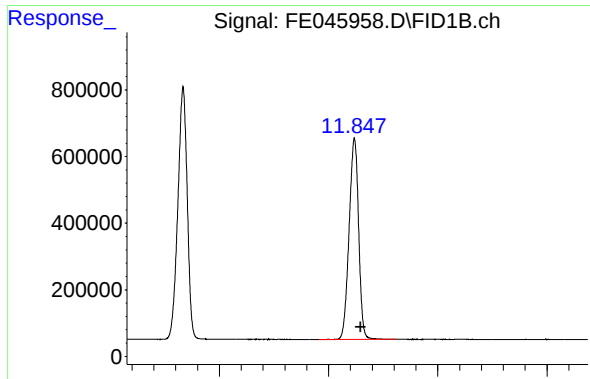
#7 n-Hexadecane (C16)

R.T.: 10.087 min
Delta R.T.: -0.017 min
Response: 9085590
Conc: 54.87 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.534 min
Delta R.T.: -0.014 min
Response: 9037341
Conc: 52.71 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.847 min
Delta R.T.: -0.012 min
Response: 7311463
Conc: 34.96 ug/ml

Instrument :

FID_E

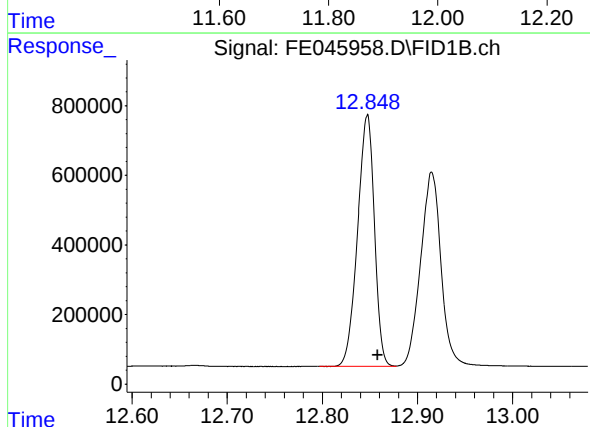
ClientSampleId :

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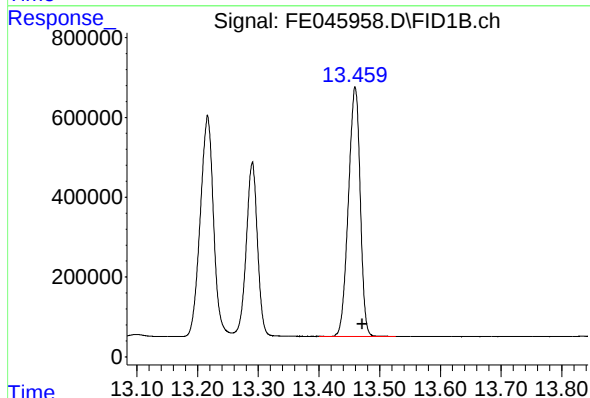
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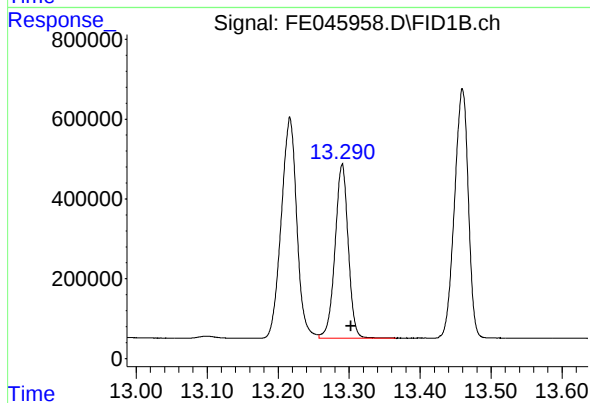
#10 n-Eicosane (C20)

R.T.: 12.847 min
Delta R.T.: -0.011 min
Response: 8918433
Conc: 51.55 ug/ml



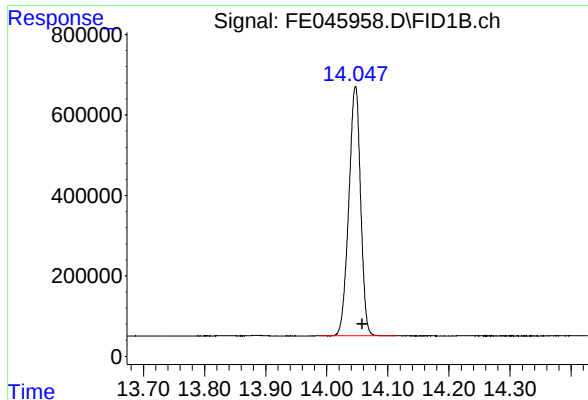
#11 n-Heneicosane (C21)

R.T.: 13.460 min
Delta R.T.: -0.012 min
Response: 8442993
Conc: 49.08 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.290 min
Delta R.T.: -0.013 min
Response: 5628523
Conc: 35.77 ug/ml



#13 n-Docosane (C22)

R.T.: 14.047 min
Delta R.T.: -0.011 min
Response: 8319832
Conc: 48.25 ug/ml

Instrument :

FID_E

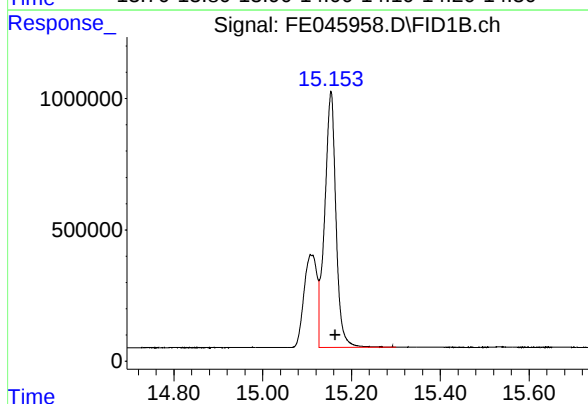
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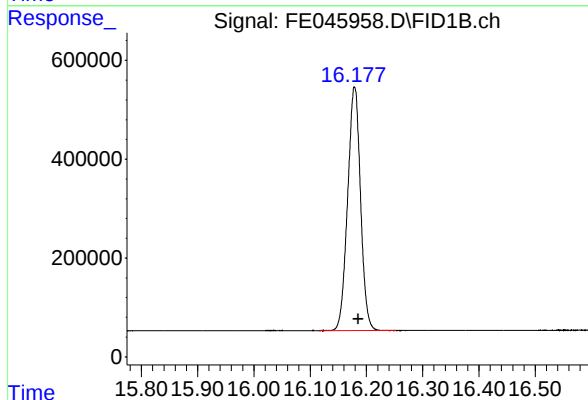
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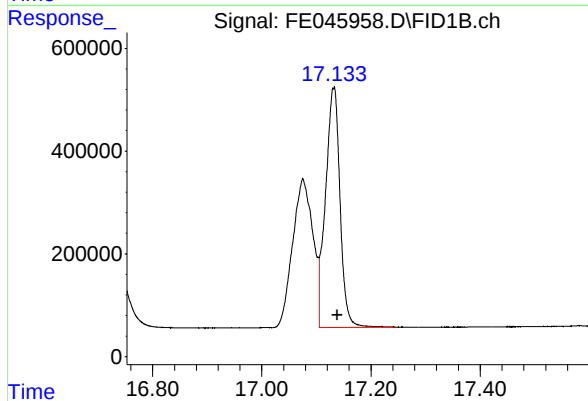
#14 n-Tetracosane (C24)

R.T.: 15.154 min
Delta R.T.: -0.010 min
Response: 17169393
Conc: 98.35 ug/ml



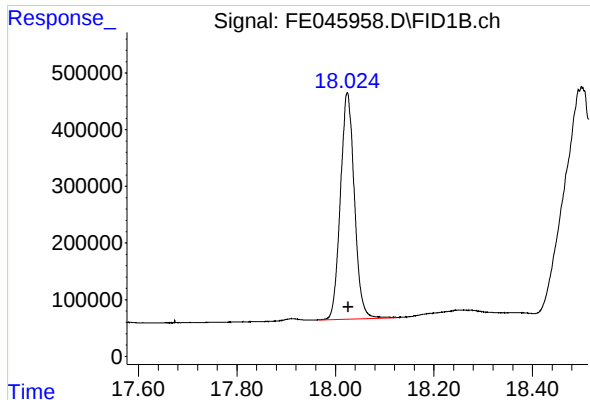
#15 n-Hexacosane (C26)

R.T.: 16.179 min
Delta R.T.: -0.007 min
Response: 7856421
Conc: 45.11 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.132 min
Delta R.T.: -0.006 min
Response: 8638522
Conc: 49.98 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.024 min
Delta R.T.: -0.002 min
Response: 7871617
Conc: 44.99 ug/ml

Instrument :

FID_E

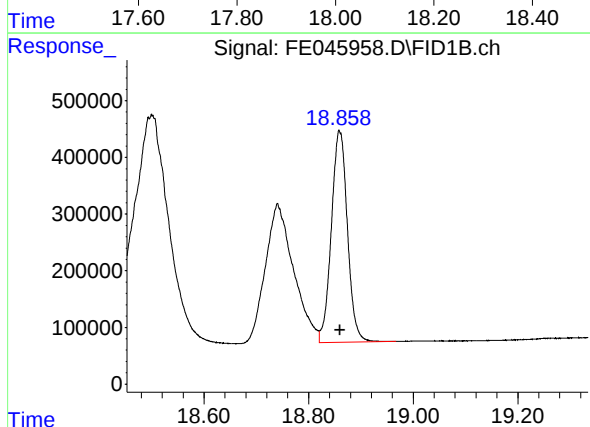
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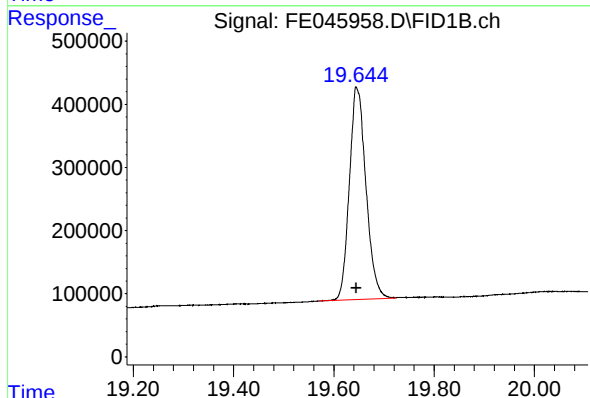
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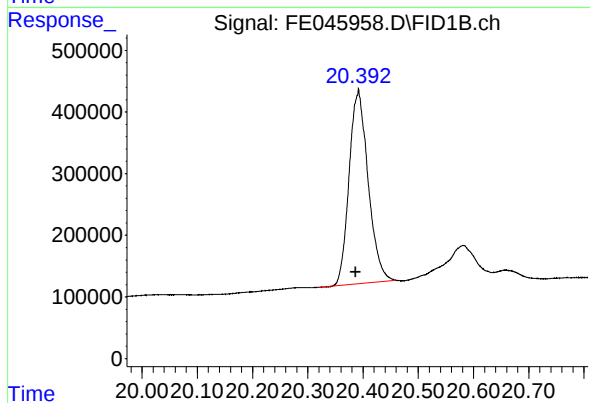
#18 n-Dotriacontane (C32)

R.T.: 18.859 min
Delta R.T.: -0.001 min
Response: 7966099
Conc: 43.67 ug/ml



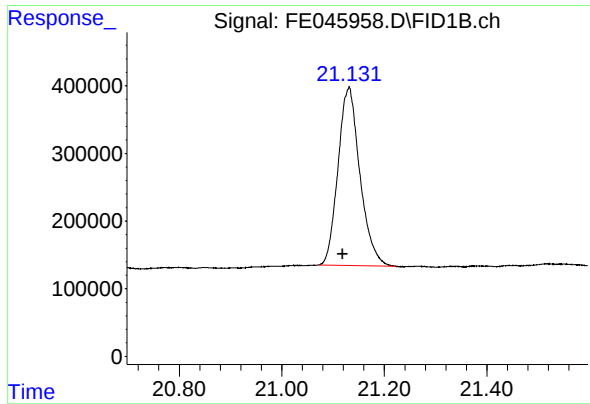
#19 n-Tetratriacontane (C34)

R.T.: 19.645 min
Delta R.T.: 0.000 min
Response: 7730289
Conc: 46.59 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.392 min
Delta R.T.: 0.006 min
Response: 7518643
Conc: 47.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.131 min
Delta R.T.: 0.012 min
Response: 7825960
Conc: 49.90 ug/ml

Instrument :

FID_E

ClientSampleId :

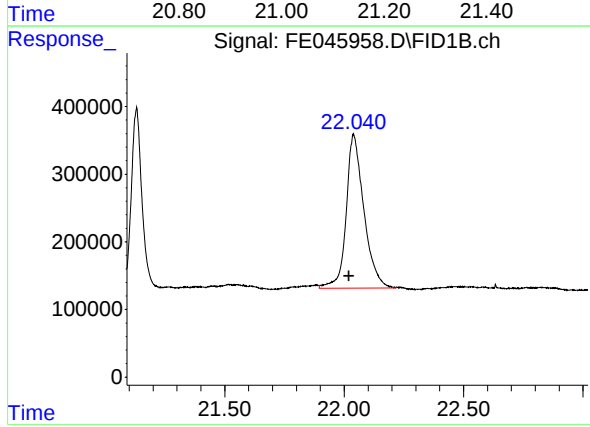
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#22 n-Tetracontane (C40)

R.T.: 22.040 min
Delta R.T.: 0.020 min
Response: 11666632
Conc: 82.09 ug/ml m