

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032923AL\
 Data File : FE041070.D
 Signal(s) : FID1B.ch
 Acq On : 29 Mar 2023 13:47
 Operator : YP\AJ
 Sample : PB151762BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB151762BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/30/2023
 Supervised By :Ankita Jodhani 03/30/2023

Integration File: autoint1.e
 Quant Time: Mar 30 01:44:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.856	7020068	37.353 ug/ml
Spiked Amount 50.000		Recovery =	74.71%
12) S 1-chlorooctadecane (S...	13.295	5711929	39.699 ug/ml
Spiked Amount 50.000		Recovery =	79.40%
Target Compounds			
1) T n-Nonane (C9)	3.276	7421393	42.771 ug/ml
2) T n-Decane (C10)	4.512	7489237	43.998 ug/ml
3) T A~Naphthalene (C11.7)	6.204	7827750	42.796 ug/ml
4) T n-Dodecane (C12)	6.666	7635653	44.019 ug/ml
5) T A~2-methylnaphthalene...	7.298	7193675	43.436 ug/ml
6) T n-Tetradecane (C14)	8.493	7468782	42.834 ug/ml
7) T n-Hexadecane (C16)	10.099	7477132	42.041 ug/ml
8) T n-Octadecane (C18)	11.541	7268009	40.705 ug/ml
10) T n-Eicosane (C20)	12.851	7034356	41.239 ug/ml
11) T n-Heneicosane (C21)	13.462	6606603	39.050 ug/ml
13) T n-Docosane (C22)	14.049	6466634	39.077 ug/ml
14) T n-Tetracosane (C24)	15.146	12737924	78.733 ug/ml
15) T n-Hexacosane (C26)	16.176	6177323	39.850 ug/ml
16) T n-Octacosane (C28)	17.125	6329672	41.321 ug/ml
17) T n-Tricontane (C30)	18.017	6219646	40.690 ug/ml
18) T n-Dotriacontane (C32)	18.847	6067918	38.865 ug/ml
19) T n-Tetratriacontane (C34)	19.631	5614825	36.232 ug/mlm
20) T n-Hexatriacontane (C36)	20.374	4566109	30.060 ug/ml
21) T n-Octatriacontane (C38)	21.098	3659495	23.426 ug/mlm
22) T n-Tetracontane (C40)	21.983	3162416	19.814 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M

Quant Title : GC Extractables

QLast Update : Sat Mar 25 06:32:15 2023

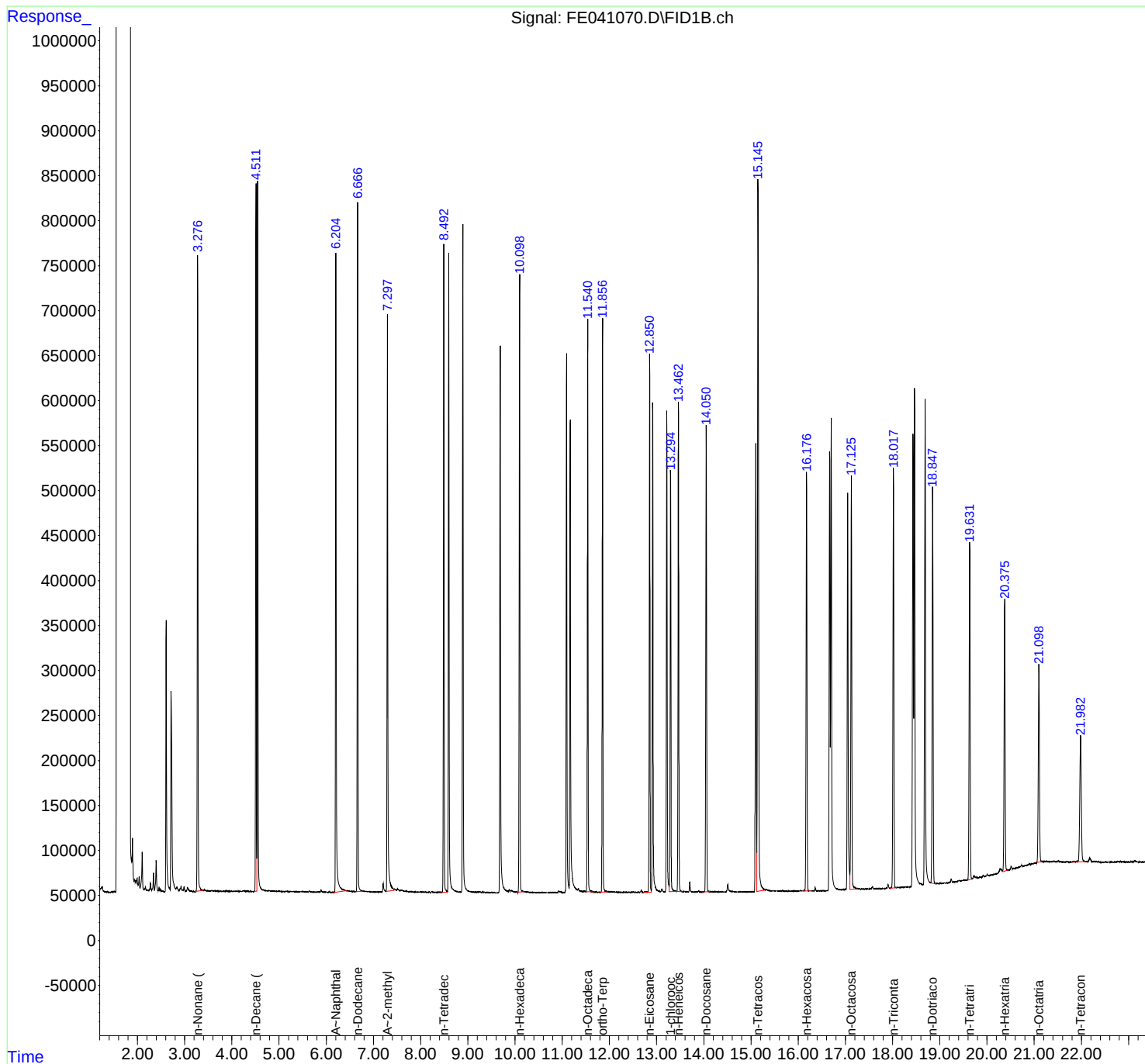
Response via : Initial Calibration

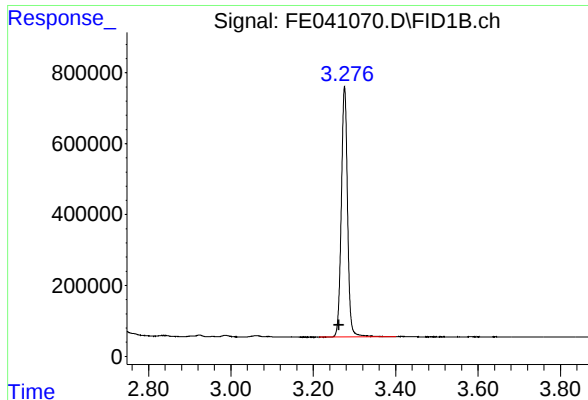
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





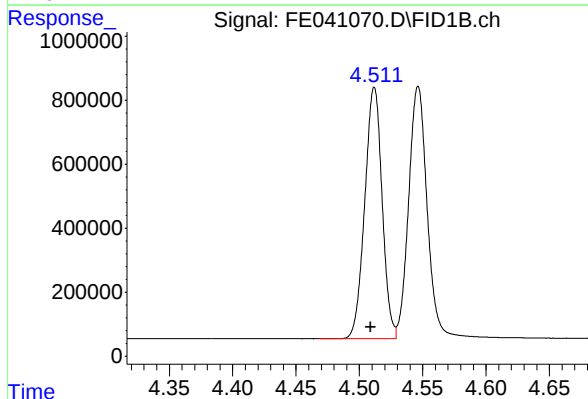
#1 n-Nonane (C9)

R.T.: 3.276 min
Delta R.T.: 0.014 min
Response: 7421393
Conc: 42.77 ug/ml

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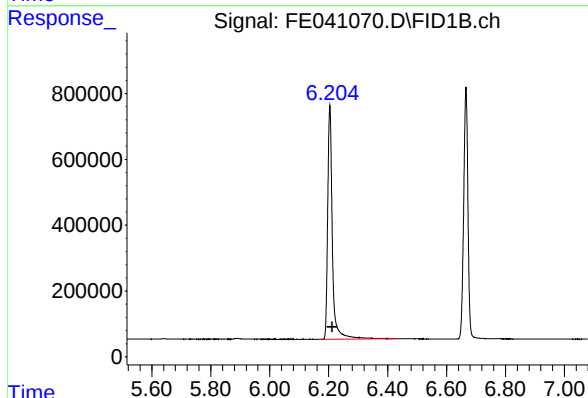
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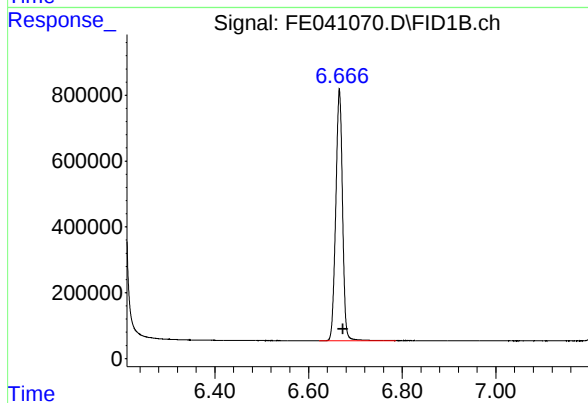
#2 n-Decane (C10)

R.T.: 4.512 min
Delta R.T.: 0.003 min
Response: 7489237
Conc: 44.00 ug/ml



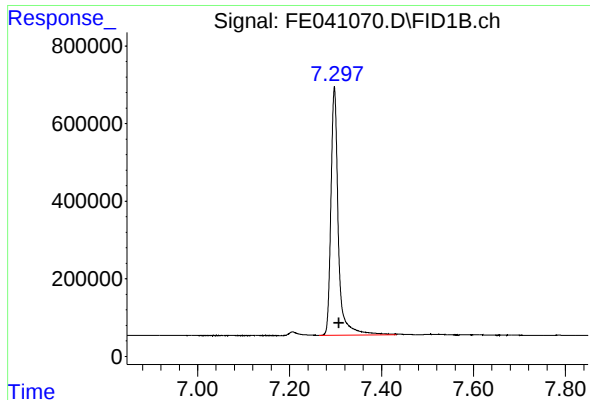
#3 A~Naphthalene (C11.7)

R.T.: 6.204 min
Delta R.T.: -0.008 min
Response: 7827750
Conc: 42.80 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.666 min
Delta R.T.: -0.008 min
Response: 7635653
Conc: 44.02 ug/ml



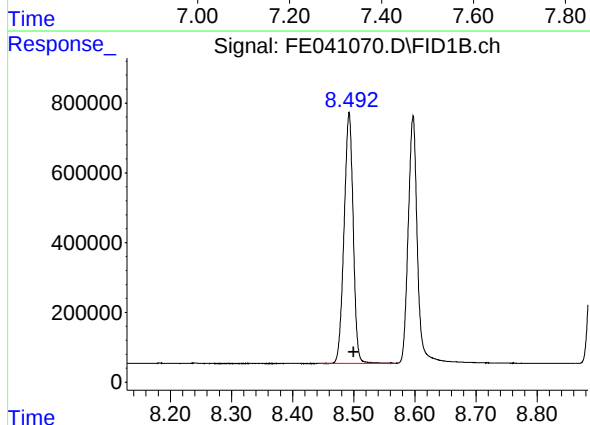
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.298 min
Delta R.T.: -0.010 min
Response: 7193675
Conc: 43.44 ug/ml

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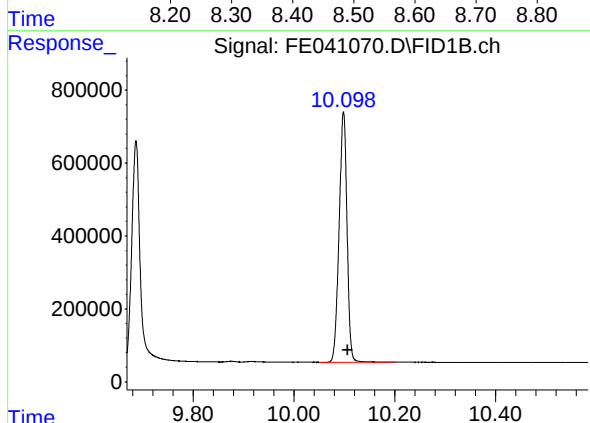
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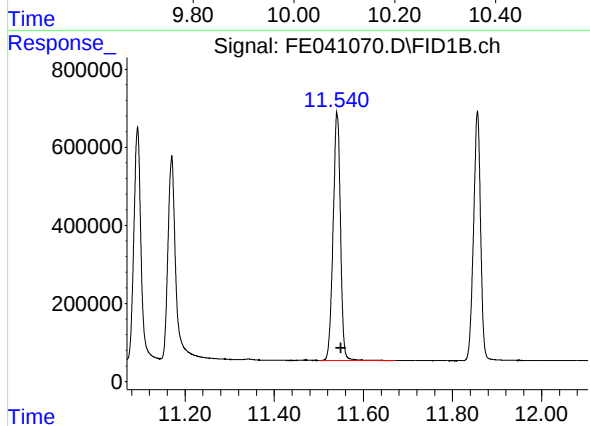
#6 n-Tetradecane (C14)

R.T.: 8.493 min
Delta R.T.: -0.008 min
Response: 7468782
Conc: 42.83 ug/ml



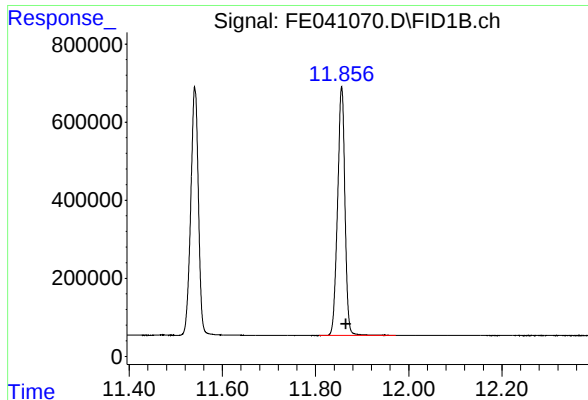
#7 n-Hexadecane (C16)

R.T.: 10.099 min
Delta R.T.: -0.008 min
Response: 7477132
Conc: 42.04 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.541 min
Delta R.T.: -0.008 min
Response: 7268009
Conc: 40.71 ug/ml



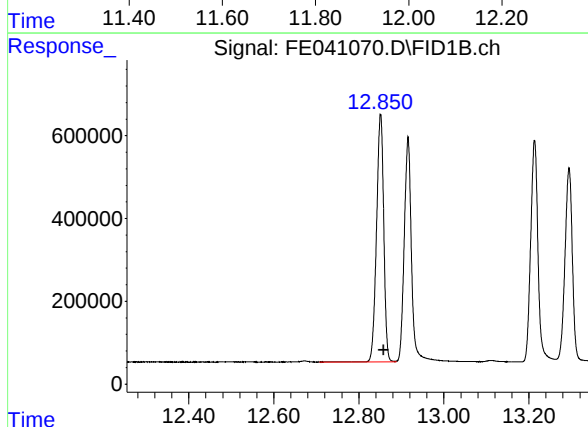
#9 ortho-Terphenyl (SURR)

R.T.: 11.856 min
Delta R.T.: -0.009 min
Response: 7020068
Conc: 37.35 ug/ml

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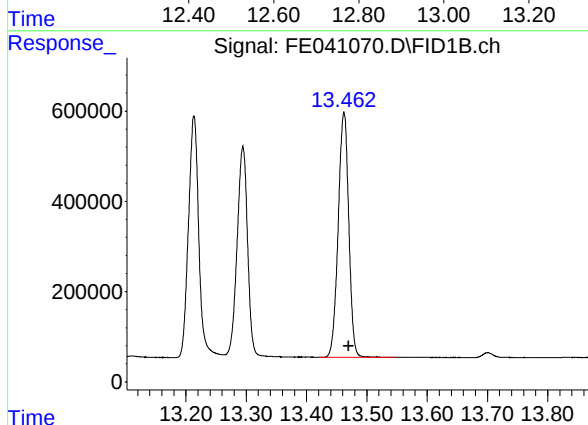
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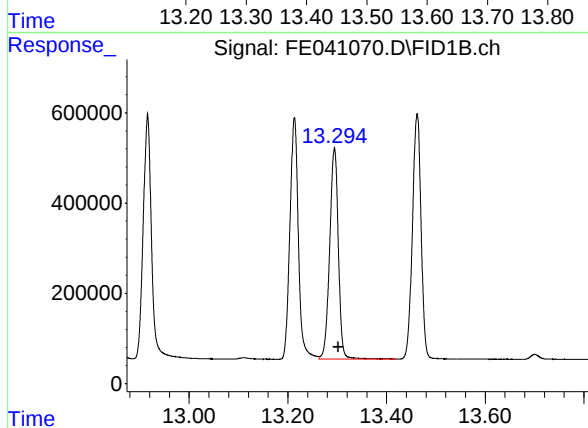
#10 n-Eicosane (C20)

R.T.: 12.851 min
Delta R.T.: -0.007 min
Response: 7034356
Conc: 41.24 ug/ml



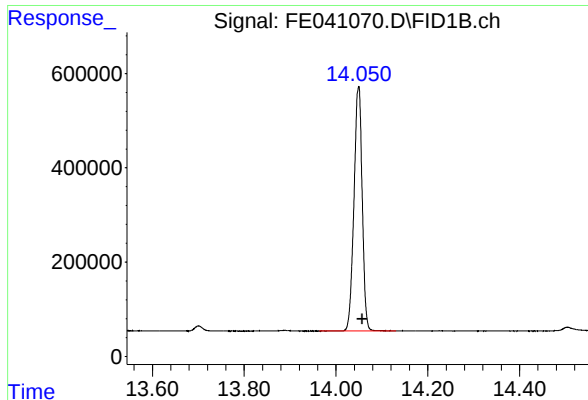
#11 n-Heneicosane (C21)

R.T.: 13.462 min
Delta R.T.: -0.008 min
Response: 6606603
Conc: 39.05 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.295 min
Delta R.T.: -0.007 min
Response: 5711929
Conc: 39.70 ug/ml



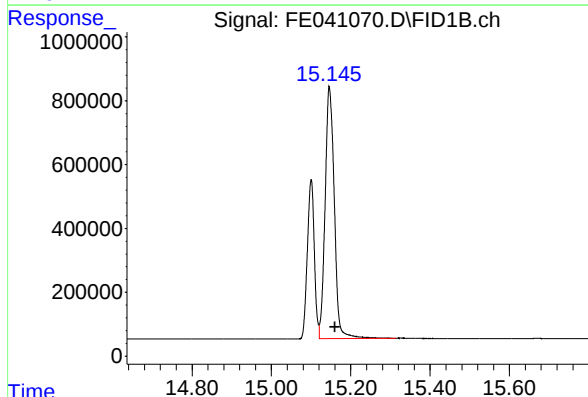
#13 n-Docosane (C22)

R.T.: 14.049 min
Delta R.T.: -0.008 min
Response: 6466634
Conc: 39.08 ug/ml

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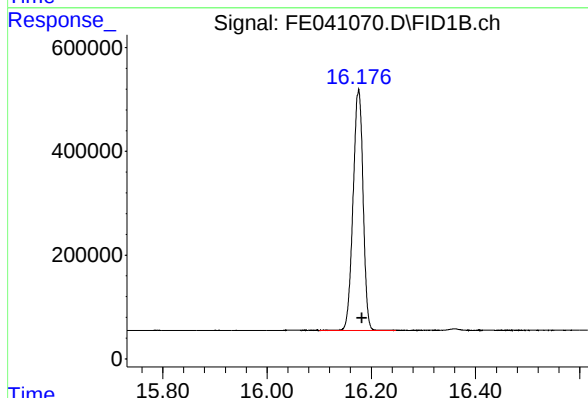
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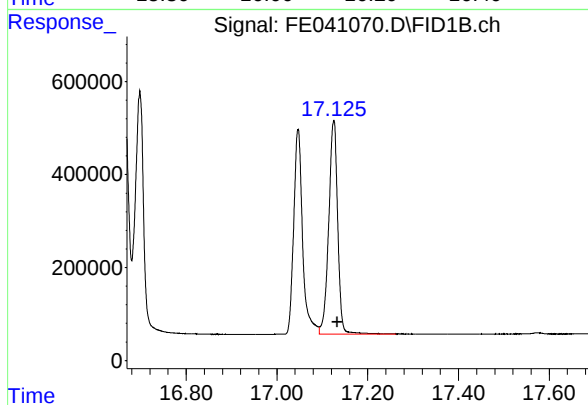
#14 n-Tetracosane (C24)

R.T.: 15.146 min
Delta R.T.: -0.015 min
Response: 12737924
Conc: 78.73 ug/ml



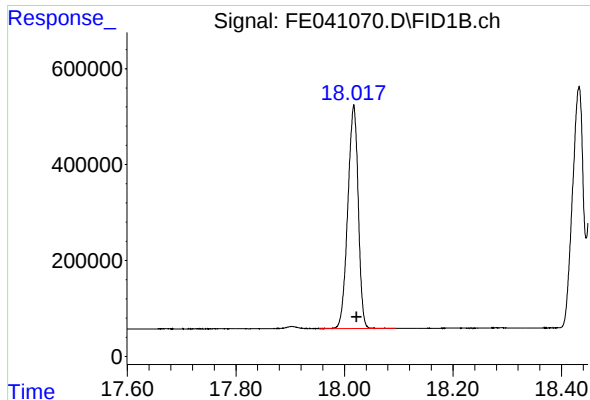
#15 n-Hexacosane (C26)

R.T.: 16.176 min
Delta R.T.: -0.006 min
Response: 6177323
Conc: 39.85 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.125 min
Delta R.T.: -0.008 min
Response: 6329672
Conc: 41.32 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.017 min
Delta R.T.: -0.005 min
Response: 6219646
Conc: 40.69 ug/ml

Instrument :

FID_E

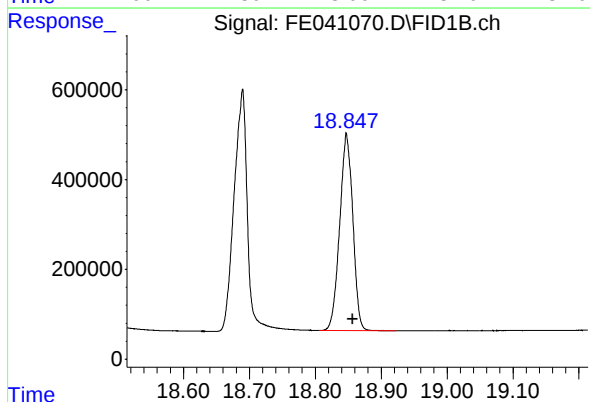
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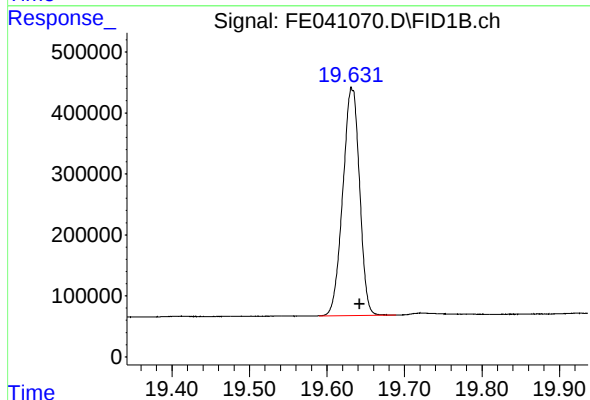
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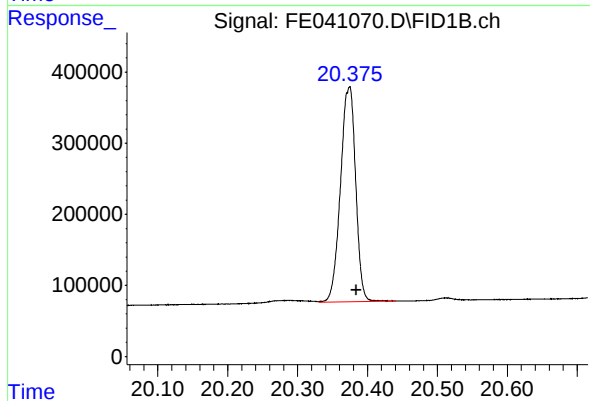
#18 n-Dotriacontane (C32)

R.T.: 18.847 min
Delta R.T.: -0.009 min
Response: 6067918
Conc: 38.86 ug/ml



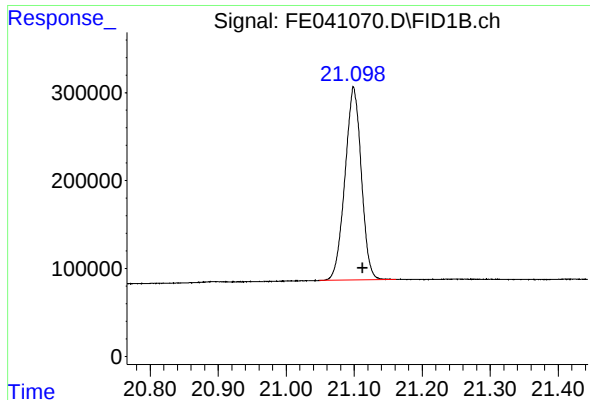
#19 n-Tetratriacontane (C34)

R.T.: 19.631 min
Delta R.T.: -0.012 min
Response: 5614825
Conc: 36.23 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.374 min
Delta R.T.: -0.010 min
Response: 4566109
Conc: 30.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.098 min
Delta R.T.: -0.014 min
Response: 3659495
Conc: 23.43 ug/ml

Instrument :

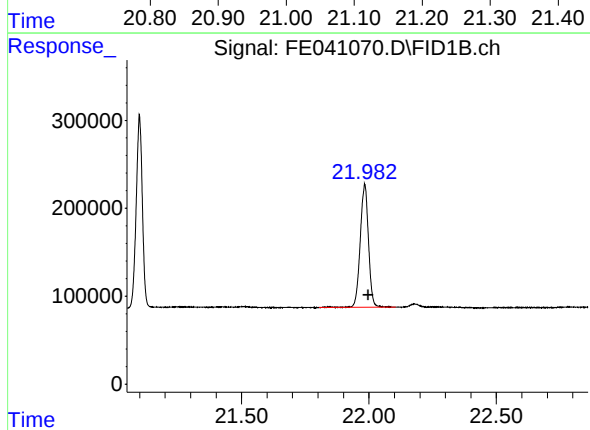
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#22 n-Tetracontane (C40)

R.T.: 21.983 min
Delta R.T.: -0.015 min
Response: 3162416
Conc: 19.81 ug/ml