

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083124AL\
 Data File : FE049848.D
 Signal(s) : FID1B.ch
 Acq On : 30 Aug 2024 15:17
 Operator : YP\AJ
 Sample : PB163078BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB163078BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/03/2024

Supervised By :Ankita Jodhani 09/03/2024

Integration File: autoint1.e

Quant Time: Aug 31 04:14:19 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)	11.881	6376976	39.434 ug/ml
Spiked Amount 50.000		Recovery =	78.87%
12) S 1-chlorooctadecane (S...	13.314	4992448	40.920 ug/ml
Spiked Amount 50.000		Recovery =	81.84%
Target Compounds			
1) T n-Nonane (C9)	3.278	6309087	40.769 ug/ml
2) T n-Decane (C10)	4.525	6594056	41.763 ug/ml
3) T A~Naphthalene (C11.7)	6.228	6847622	42.677 ug/ml
4) T n-Dodecane (C12)	6.688	6833470	43.467 ug/ml
5) T A~2-methylnaphthalene...	7.323	6581473	43.948 ug/ml
6) T n-Tetradecane (C14)	8.516	6856427	44.413 ug/ml
7) T n-Hexadecane (C16)	10.120	6743777	43.179 ug/ml
8) T n-Octadecane (C18)	11.562	6842334	43.567 ug/ml
10) T n-Eicosane (C20)	12.870	6842234	45.827 ug/ml
11) T n-Heneicosane (C21)	13.481	6652594	45.349 ug/ml
13) T n-Docosane (C22)	14.067	6559174	45.002 ug/ml
14) T n-Tetracosane (C24)	15.163	12369758	85.036 ug/ml
15) T n-Hexacosane (C26)	16.188	6431055	44.560 ug/ml
16) T n-Octacosane (C28)	17.136	7142011	49.584 ug/ml
17) T n-Tricontane (C30)	18.022	6626537	44.264 ug/ml
18) T n-Dotriacontane (C32)	18.853	6618828	43.751 ug/ml
19) T n-Tetratriacontane (C34)	19.636	7037864	46.035 ug/ml
20) T n-Hexatriacontane (C36)	20.375	7275220	47.910 ug/mlm
21) T n-Octatriacontane (C38)	21.103	7817168	49.806 ug/ml
22) T n-Tetracontane (C40)	21.994	8247451	54.018 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
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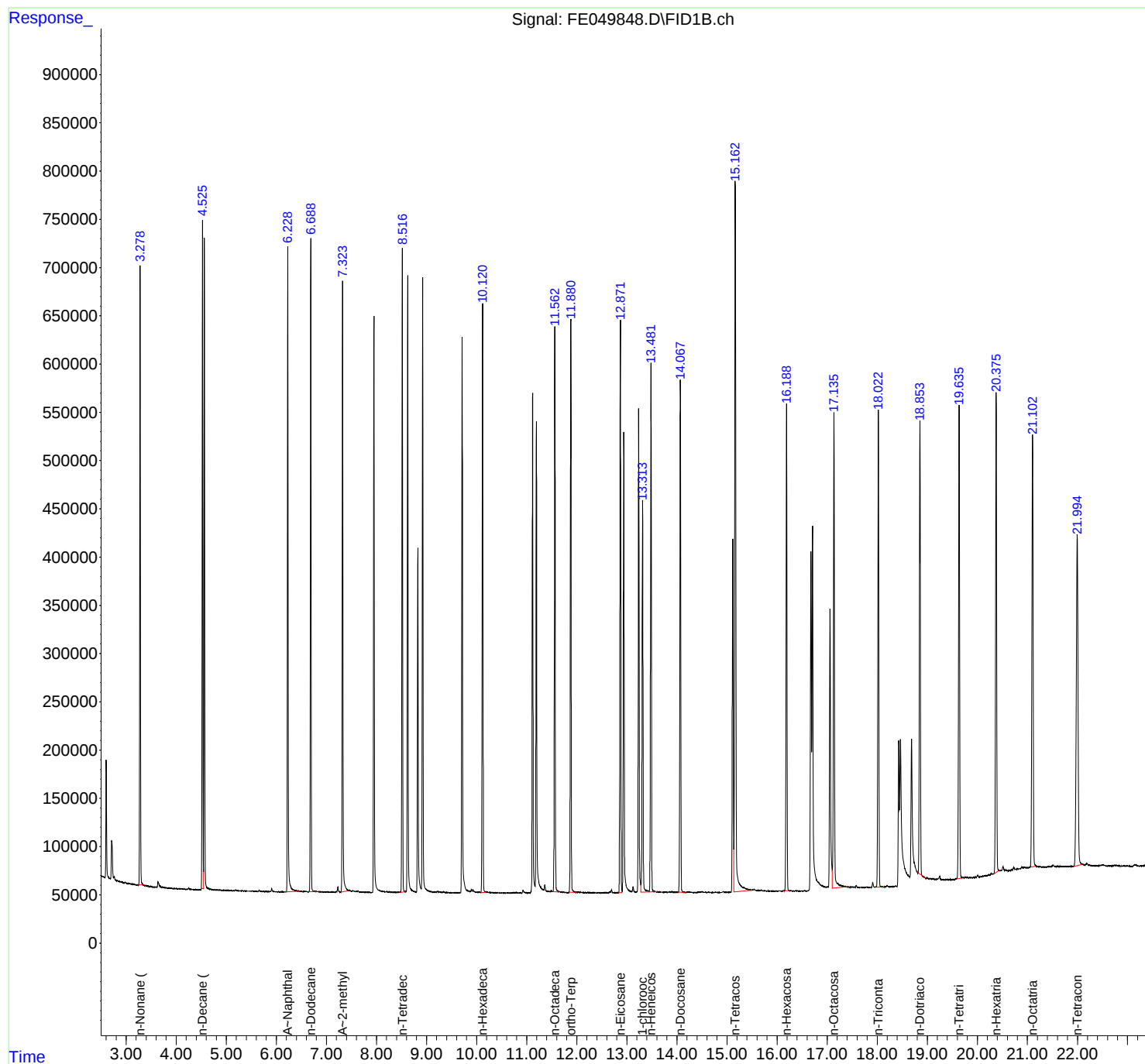
Instrument :
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ClientSampleId :
PB163078BS

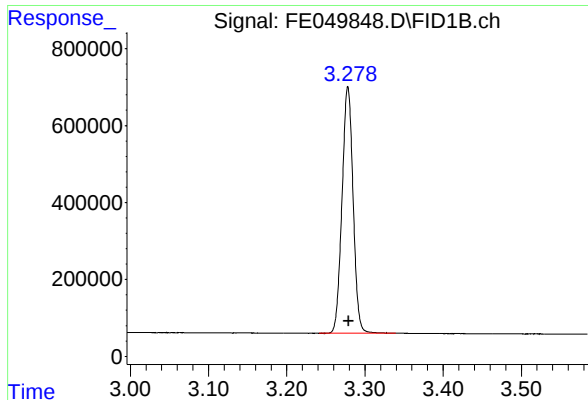
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: 0.000 min
Response: 6309087
Conc: 40.77 ug/ml

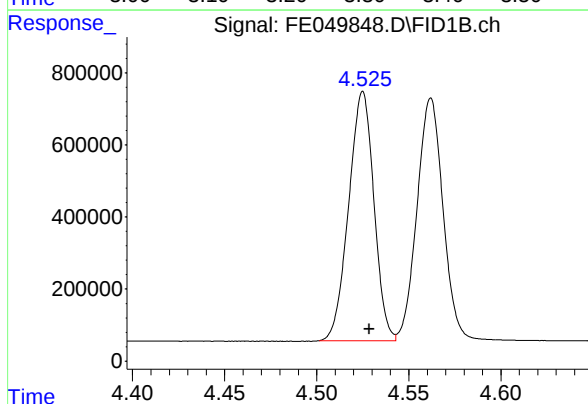
Instrument :

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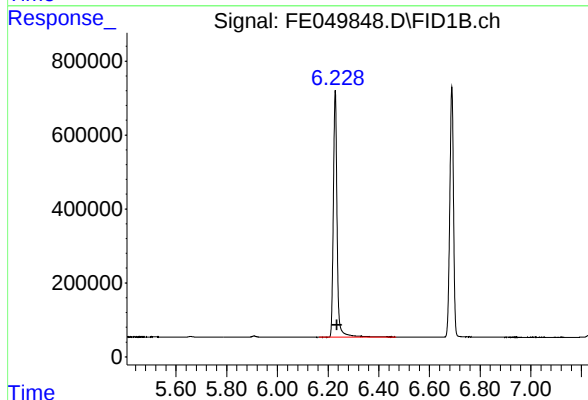
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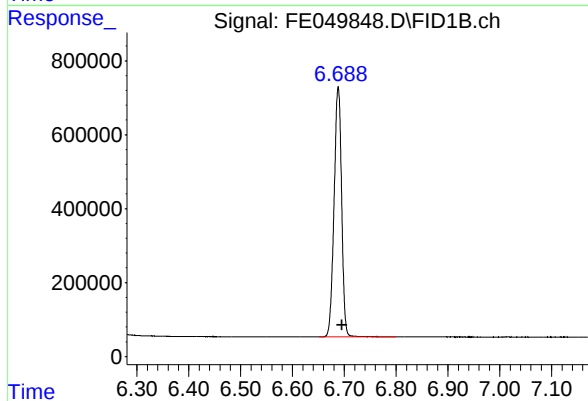
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: -0.004 min
Response: 6594056
Conc: 41.76 ug/ml



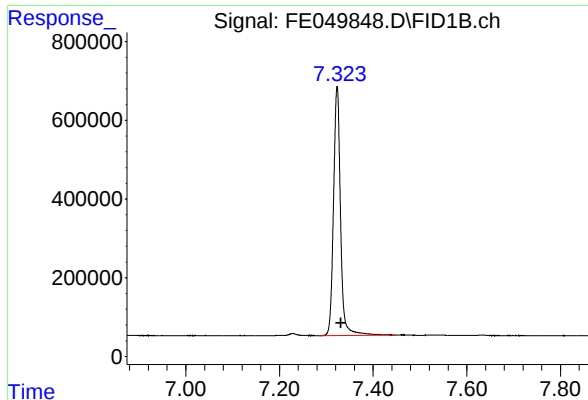
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: -0.007 min
Response: 6847622
Conc: 42.68 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.688 min
Delta R.T.: -0.008 min
Response: 6833470
Conc: 43.47 ug/ml



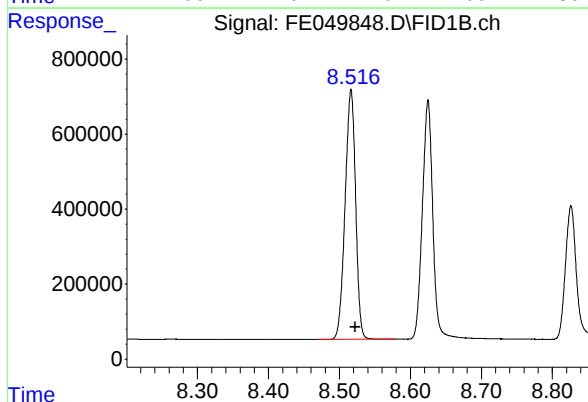
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.323 min
Delta R.T.: -0.008 min
Response: 6581473
Conc: 43.95 ug/ml

Instrument :
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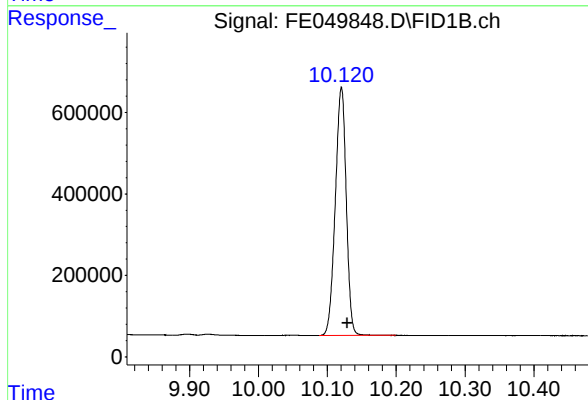
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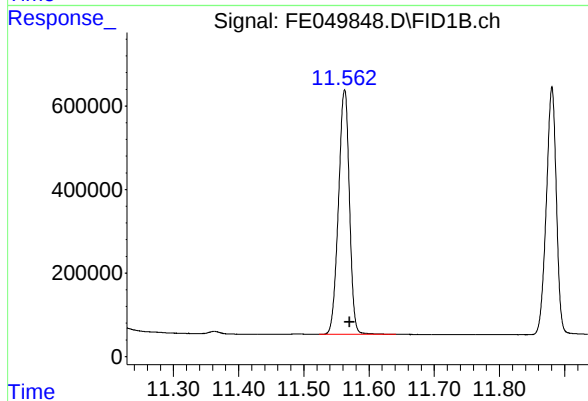
#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: -0.006 min
Response: 6856427
Conc: 44.41 ug/ml



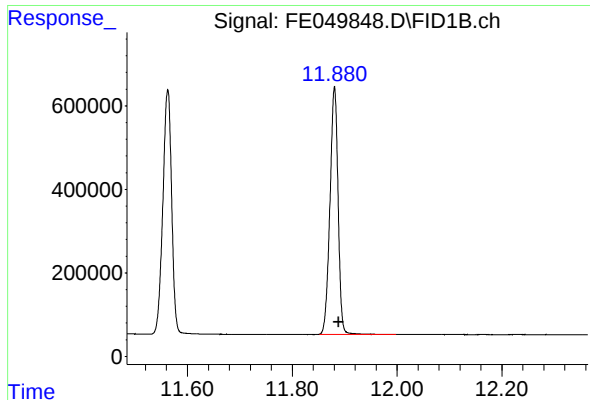
#7 n-Hexadecane (C16)

R.T.: 10.120 min
Delta R.T.: -0.009 min
Response: 6743777
Conc: 43.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.562 min
Delta R.T.: -0.008 min
Response: 6842334
Conc: 43.57 ug/ml



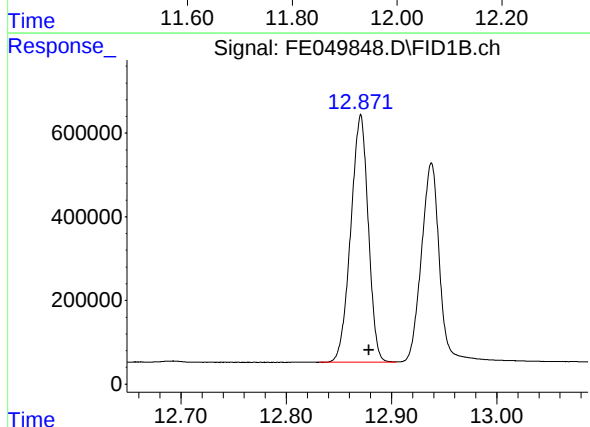
#9 ortho-Terphenyl (SURR)

R.T.: 11.881 min
Delta R.T.: -0.008 min
Response: 6376976
Conc: 39.43 ug/ml

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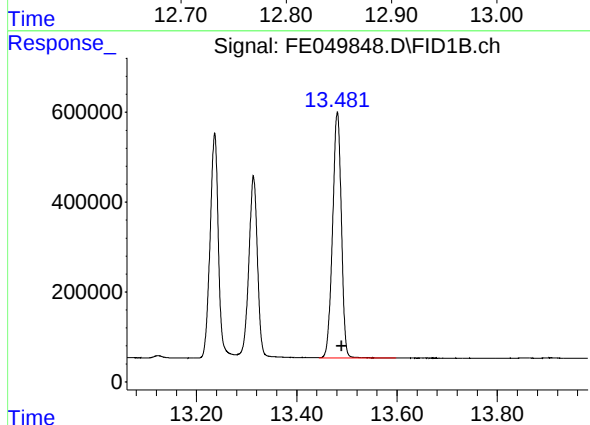
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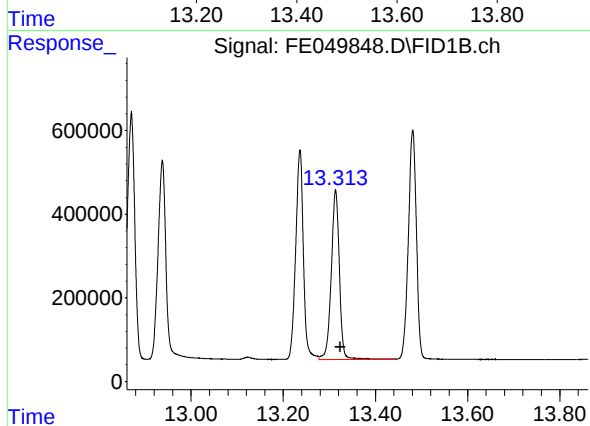
#10 n-Eicosane (C20)

R.T.: 12.870 min
Delta R.T.: -0.008 min
Response: 6842234
Conc: 45.83 ug/ml



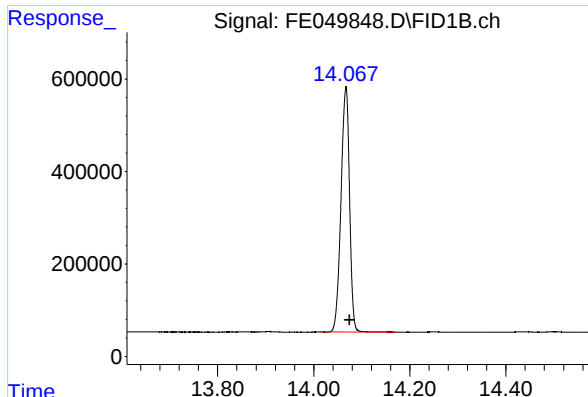
#11 n-Heneicosane (C21)

R.T.: 13.481 min
Delta R.T.: -0.009 min
Response: 6652594
Conc: 45.35 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.314 min
Delta R.T.: -0.010 min
Response: 4992448
Conc: 40.92 ug/ml



#13 n-Docosane (C22)

R.T.: 14.067 min
Delta R.T.: -0.008 min
Response: 6559174
Conc: 45.00 ug/ml

Instrument :

FID_E

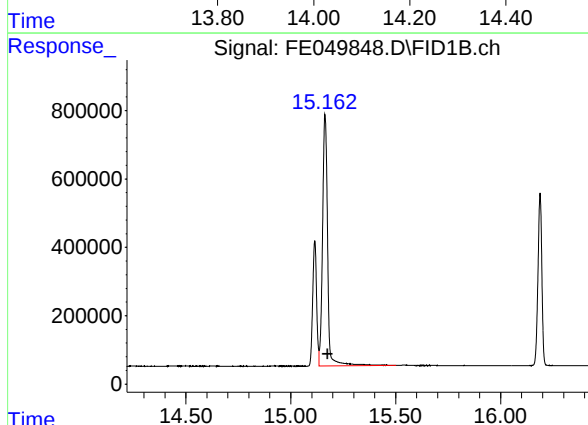
ClientSampleId :

PB163078BS

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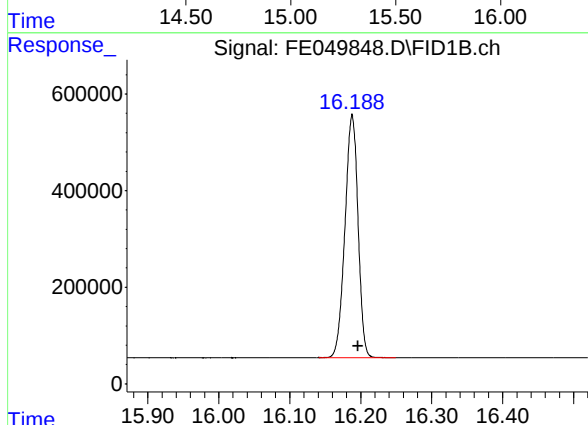
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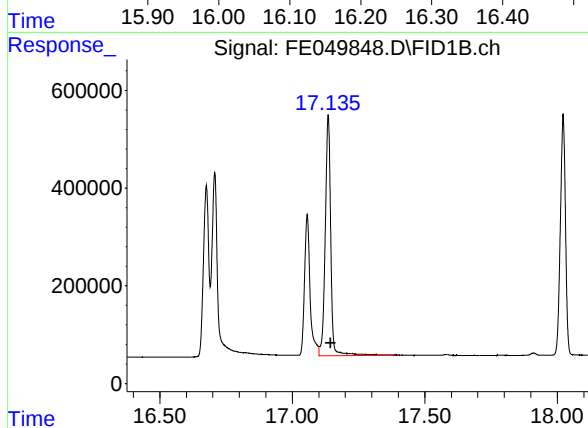
#14 n-Tetracosane (C24)

R.T.: 15.163 min
Delta R.T.: -0.014 min
Response: 12369758
Conc: 85.04 ug/ml



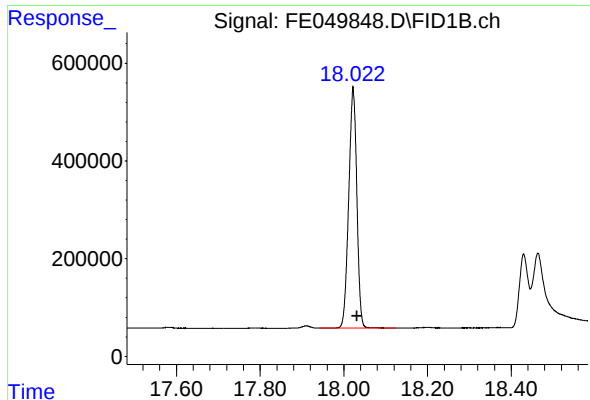
#15 n-Hexacosane (C26)

R.T.: 16.188 min
Delta R.T.: -0.009 min
Response: 6431055
Conc: 44.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.136 min
Delta R.T.: -0.009 min
Response: 7142011
Conc: 49.58 ug/ml



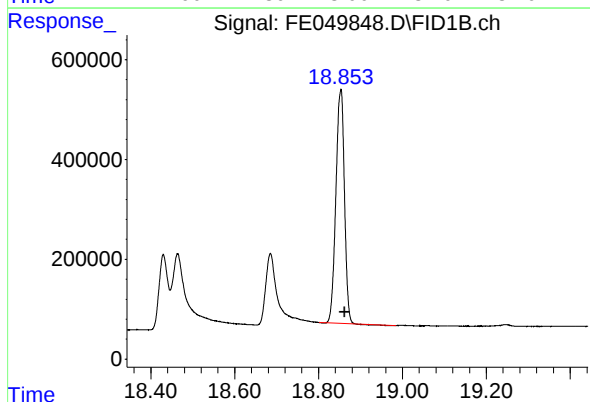
#17 n-Tricontane (C30)

R.T.: 18.022 min
Delta R.T.: -0.009 min
Response: 6626537
Conc: 44.26 ug/ml

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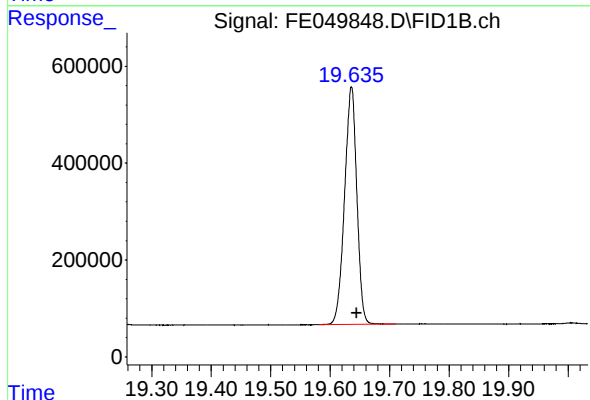
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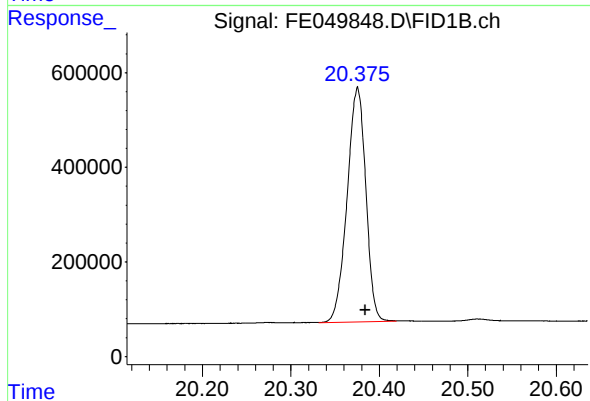
#18 n-Dotriacontane (C32)

R.T.: 18.853 min
Delta R.T.: -0.010 min
Response: 6618828
Conc: 43.75 ug/ml



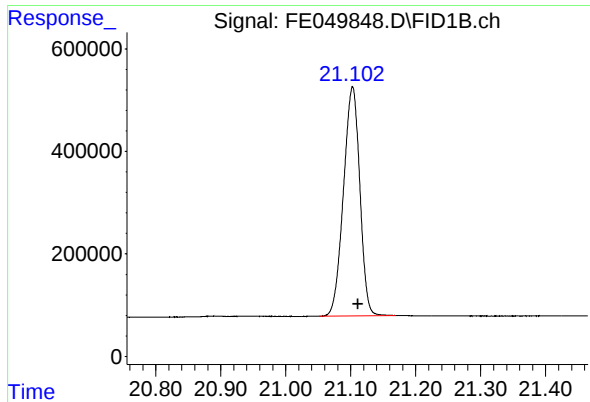
#19 n-Tetratriacontane (C34)

R.T.: 19.636 min
Delta R.T.: -0.009 min
Response: 7037864
Conc: 46.04 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.375 min
Delta R.T.: -0.009 min
Response: 7275220
Conc: 47.91 ug/ml m



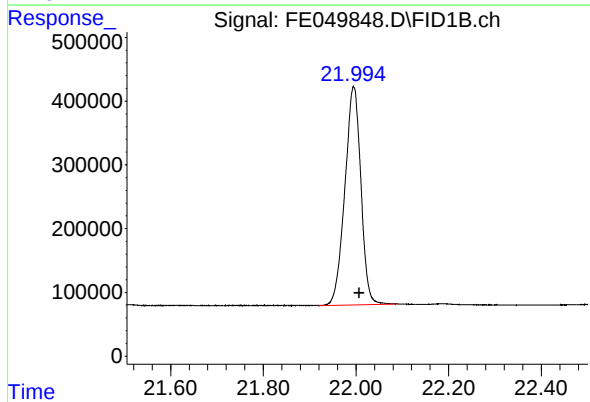
#21 n-Octatriacontane (C38)

R.T.: 21.103 min
Delta R.T.: -0.009 min
Response: 7817168
Conc: 49.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.994 min
Delta R.T.: -0.013 min
Response: 8247451
Conc: 54.02 ug/ml m