

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122624AL\
 Data File : FE051771.D
 Signal(s) : FID1B.ch
 Acq On : 26 Dec 2024 17:29
 Operator : YP\AJ
 Sample : P5383-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

OK-02-12232024MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e

Quant Time: Dec 27 08:02:43 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121724.M

Quant Title : GC Extractables

QLast Update : Tue Dec 17 15:04:25 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)	12.033	4816753	30.003 ug/ml
Spiked Amount 50.000		Recovery =	60.01%
12) S 1-chlorooctadecane (S...	13.455	3943881	31.264 ug/ml
Spiked Amount 50.000		Recovery =	62.53%
Target Compounds			
1) T n-Nonane (C9)	3.496	3019398	25.199 ug/ml
2) T n-Decane (C10)	4.729	3427897	27.570 ug/ml
3) T A~Naphthalene (C11.7)	6.418	4440533	31.161 ug/ml
4) T n-Dodecane (C12)	6.867	4011069	30.826 ug/ml
5) T A~2-methylnaphthalene...	7.502	4450055	31.445 ug/ml
6) T n-Tetradecane (C14)	8.681	4618878	34.449 ug/ml
7) T n-Hexadecane (C16)	10.276	4797383	33.569 ug/ml
8) T n-Octadecane (C18)	11.710	4911869	33.320 ug/ml
10) T n-Eicosane (C20)	13.013	5107546	35.502 ug/ml
11) T n-Heneicosane (C21)	13.621	4837549	34.041 ug/ml
13) T n-Docosane (C22)	14.204	4843484	34.355 ug/ml
14) T n-Tetracosane (C24)	15.295	9367349	67.138 ug/ml
15) T n-Hexacosane (C26)	16.316	4515498	33.513 ug/ml
16) T n-Octacosane (C28)	17.259	4562533	35.072 ug/ml
17) T n-Tricontane (C30)	18.143	4476467	33.824 ug/ml
18) T n-Dotriacontane (C32)	18.969	4261050	33.989 ug/ml
19) T n-Tetratriacontane (C34)	19.749	4136053	37.593 ug/ml
20) T n-Hexatriacontane (C36)	20.485	3834266	39.935 ug/mlm
21) T n-Octatriacontane (C38)	21.230	3911952	43.444 ug/ml
22) T n-Tetracontane (C40)	22.167	3965361	40.627 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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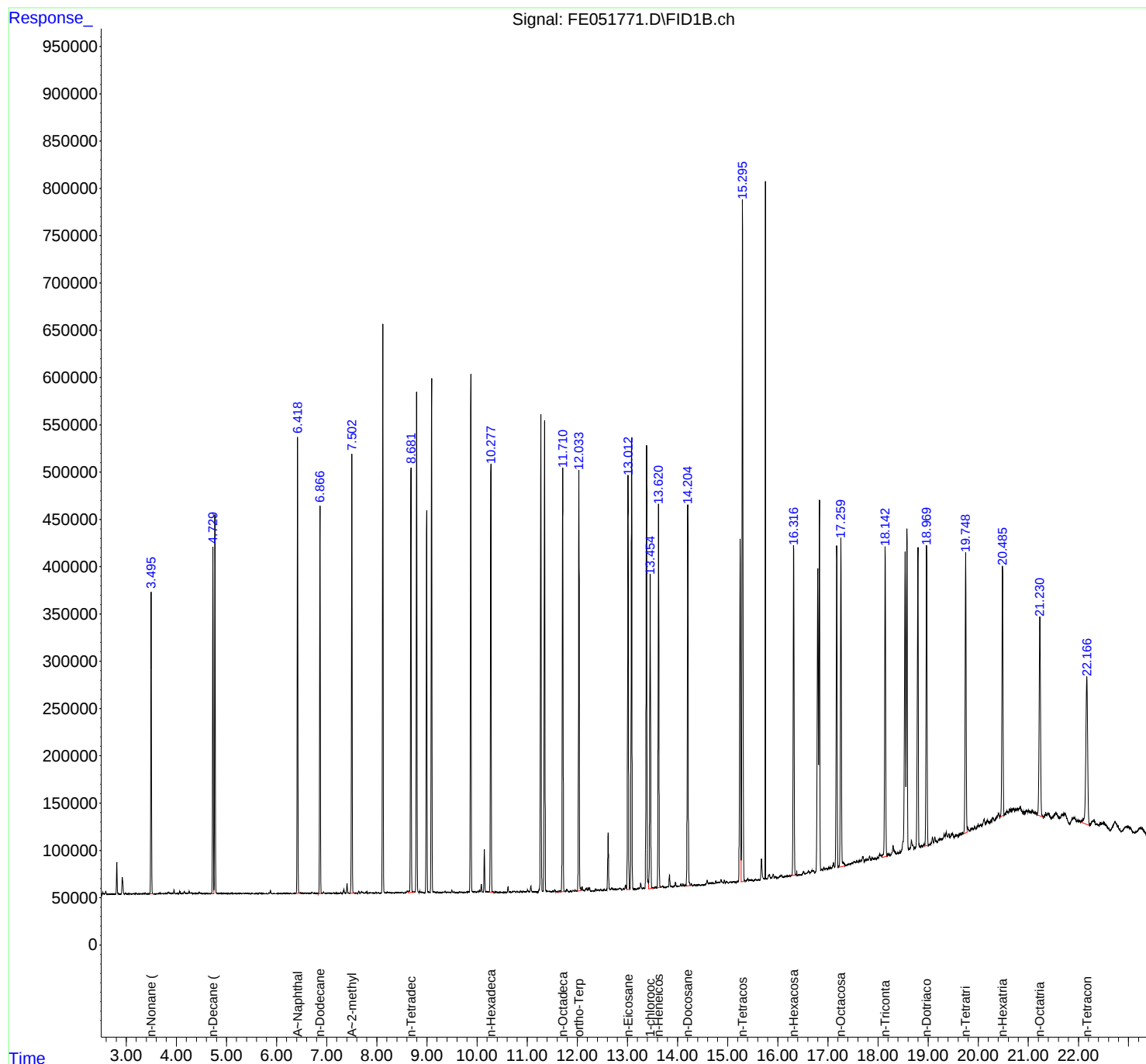
Instrument :
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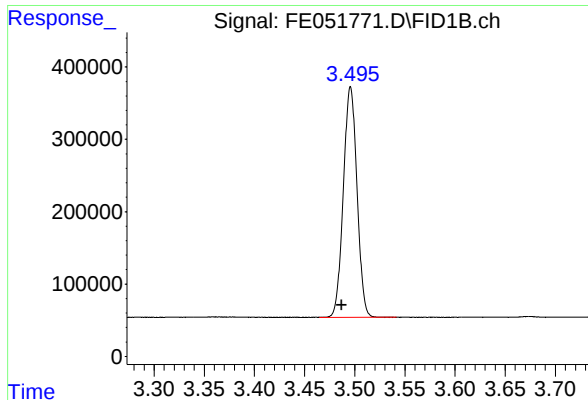
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.496 min
Delta R.T.: 0.009 min
Response: 3019398
Conc: 25.20 ug/ml

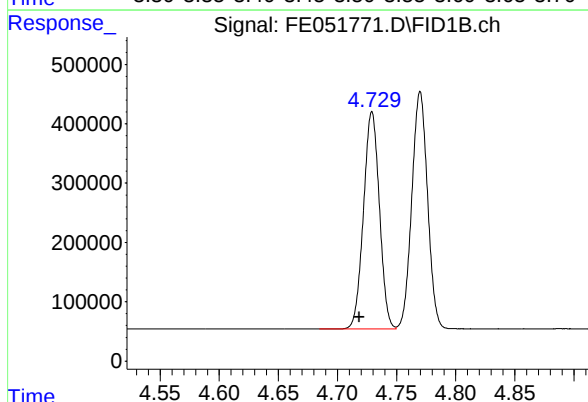
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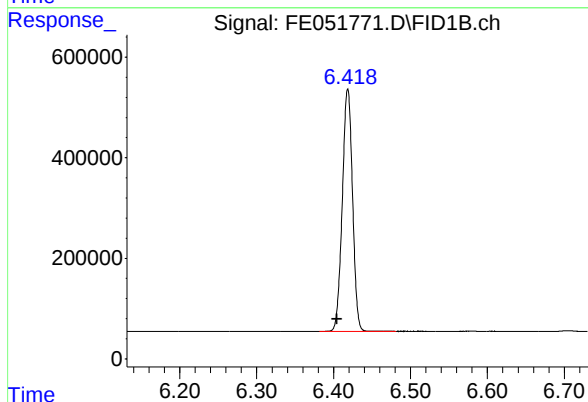
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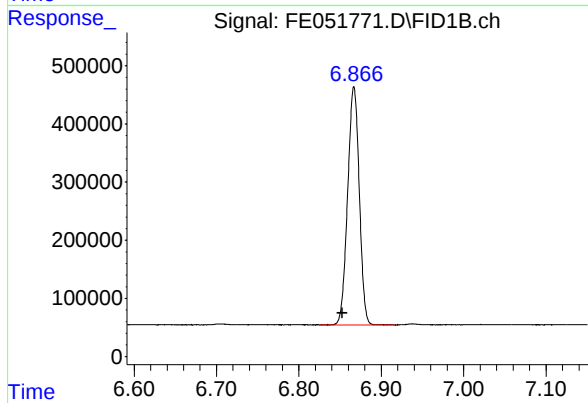
#2 n-Decane (C10)

R.T.: 4.729 min
Delta R.T.: 0.011 min
Response: 3427897
Conc: 27.57 ug/ml



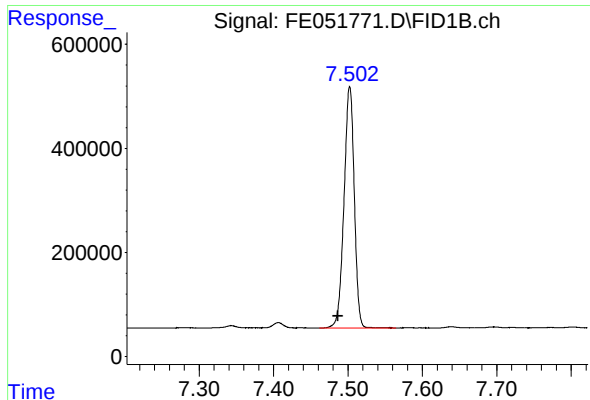
#3 A~Naphthalene (C11.7)

R.T.: 6.418 min
Delta R.T.: 0.014 min
Response: 4440533
Conc: 31.16 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.867 min
Delta R.T.: 0.014 min
Response: 4011069
Conc: 30.83 ug/ml



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

R.T.: 7.502 min
Delta R.T.: 0.016 min
Response: 4450055
Conc: 31.44 ug/ml

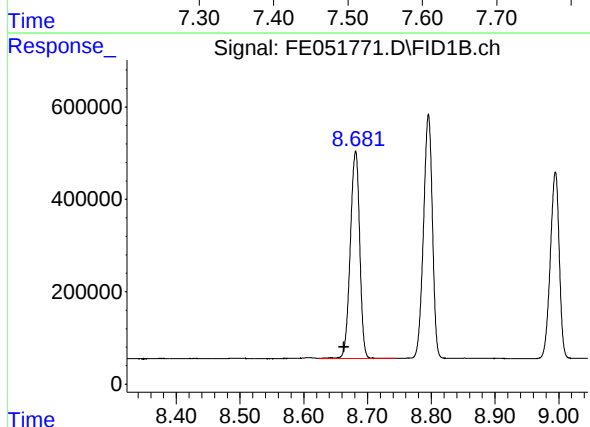
Instrument :

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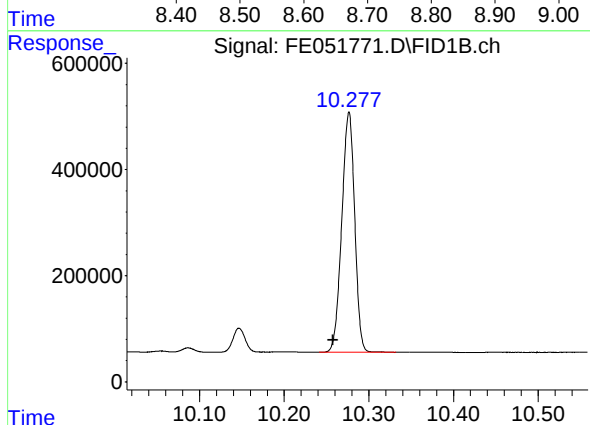
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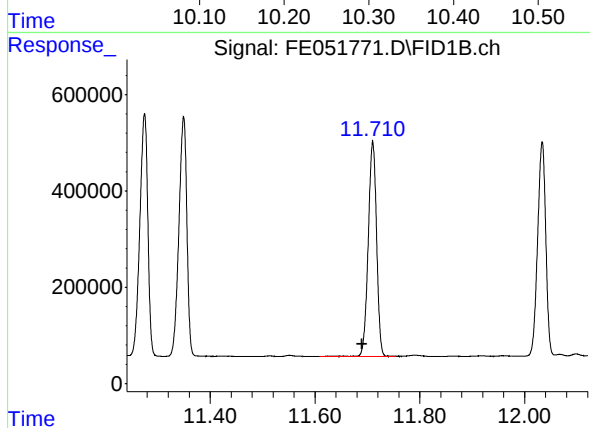
#6 n-Tetradecane (C14)

R.T.: 8.681 min
Delta R.T.: 0.018 min
Response: 4618878
Conc: 34.45 ug/ml



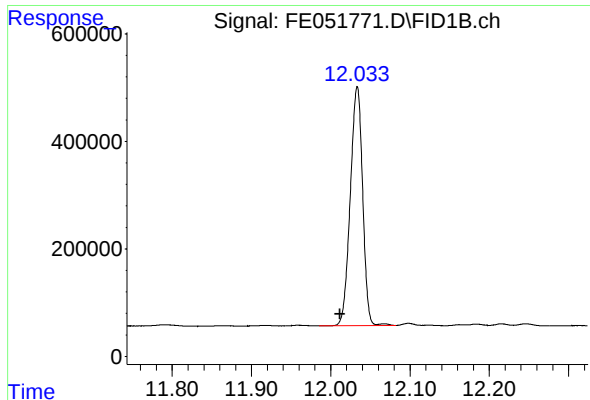
#7 n-Hexadecane (C16)

R.T.: 10.276 min
Delta R.T.: 0.019 min
Response: 4797383
Conc: 33.57 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.710 min
Delta R.T.: 0.020 min
Response: 4911869
Conc: 33.32 ug/ml



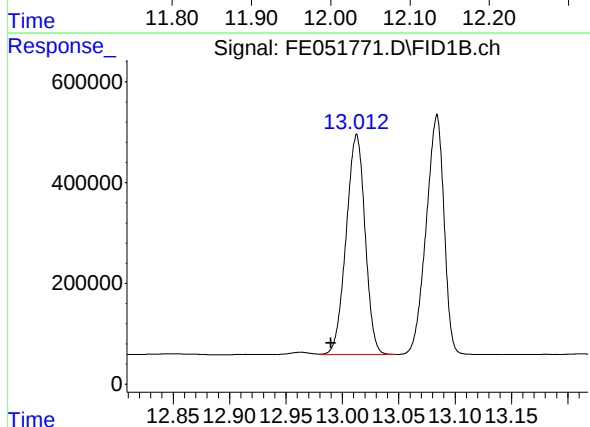
#9 ortho-Terphenyl (SURR)

R.T.: 12.033 min
Delta R.T.: 0.022 min
Response: 4816753
Conc: 30.00 ug/ml

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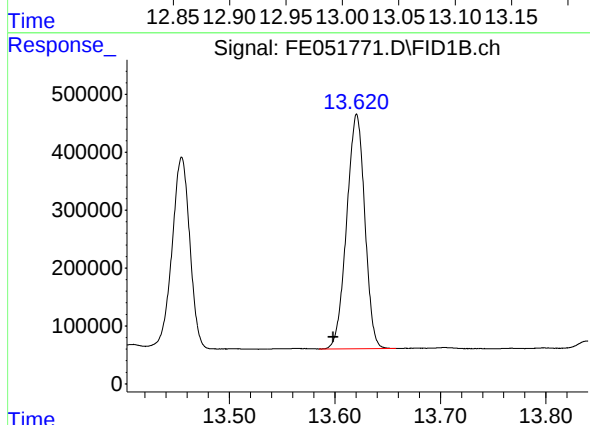
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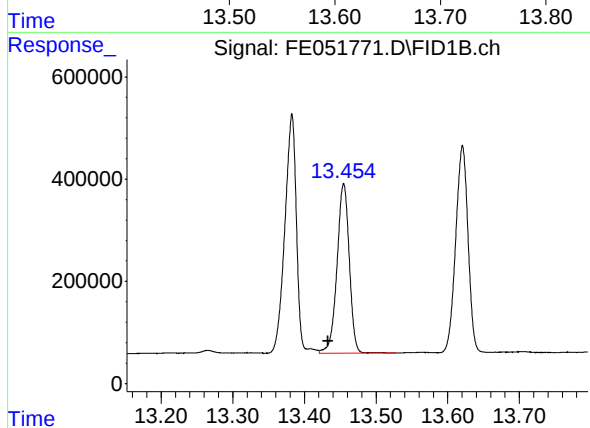
#10 n-Eicosane (C20)

R.T.: 13.013 min
Delta R.T.: 0.023 min
Response: 5107546
Conc: 35.50 ug/ml



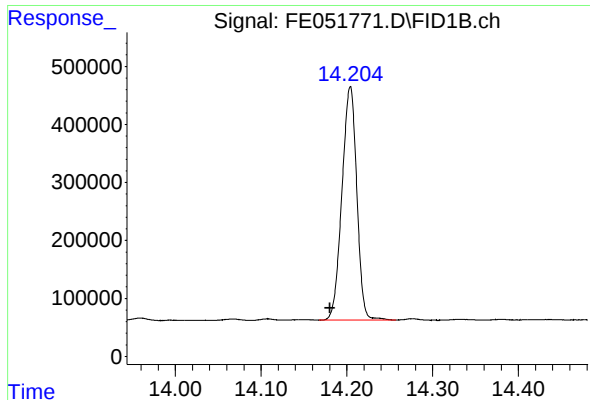
#11 n-Heneicosane (C21)

R.T.: 13.621 min
Delta R.T.: 0.022 min
Response: 4837549
Conc: 34.04 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.455 min
Delta R.T.: 0.022 min
Response: 3943881
Conc: 31.26 ug/ml



#13 n-Docosane (C22)

R.T.: 14.204 min
Delta R.T.: 0.024 min
Response: 4843484
Conc: 34.36 ug/ml

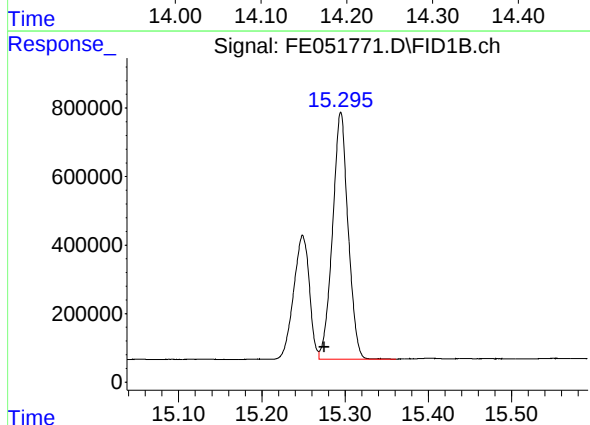
Instrument :

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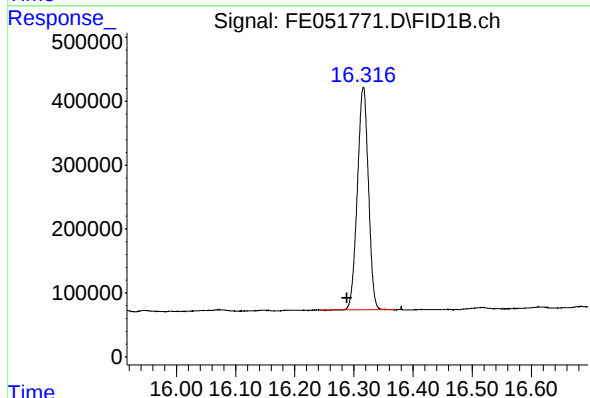
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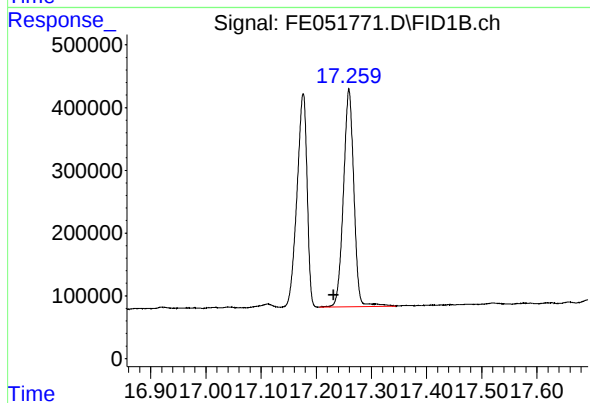
#14 n-Tetracosane (C24)

R.T.: 15.295 min
Delta R.T.: 0.020 min
Response: 9367349
Conc: 67.14 ug/ml



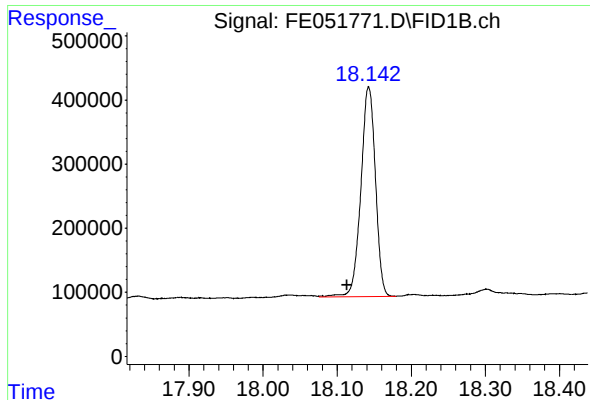
#15 n-Hexacosane (C26)

R.T.: 16.316 min
Delta R.T.: 0.028 min
Response: 4515498
Conc: 33.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.259 min
Delta R.T.: 0.028 min
Response: 4562533
Conc: 35.07 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.143 min
Delta R.T.: 0.029 min
Response: 4476467
Conc: 33.82 ug/ml

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FID_E

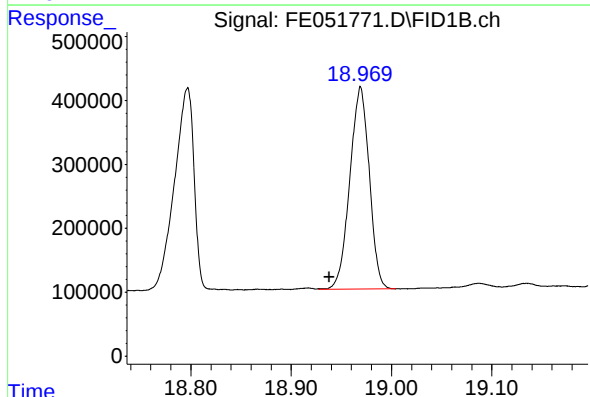
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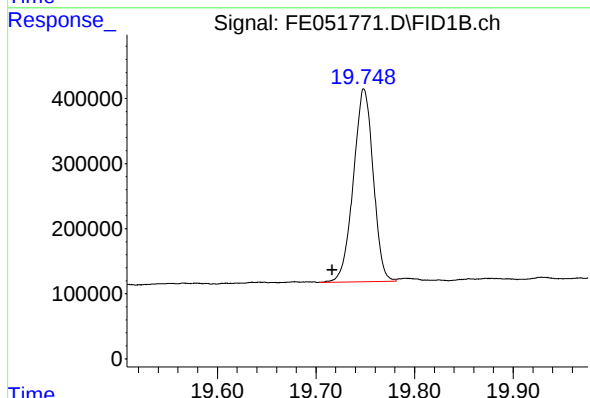
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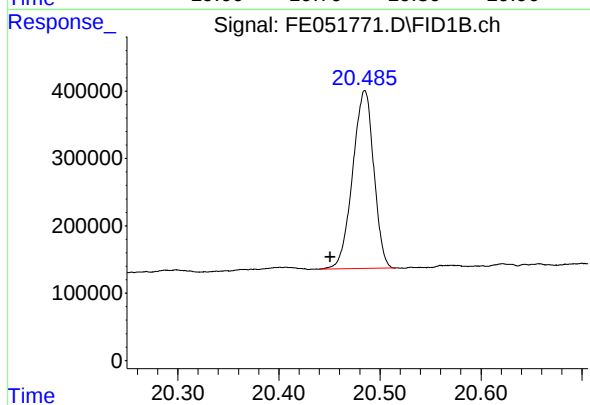
#18 n-Dotriacontane (C32)

R.T.: 18.969 min
Delta R.T.: 0.031 min
Response: 4261050
Conc: 33.99 ug/ml



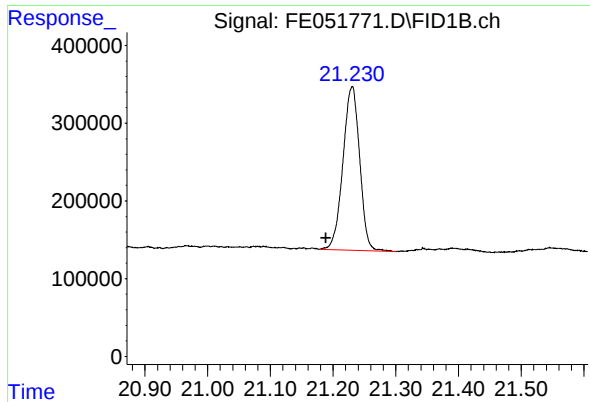
#19 n-Tetratriacontane (C34)

R.T.: 19.749 min
Delta R.T.: 0.032 min
Response: 4136053
Conc: 37.59 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.485 min
Delta R.T.: 0.034 min
Response: 3834266
Conc: 39.94 ug/ml m



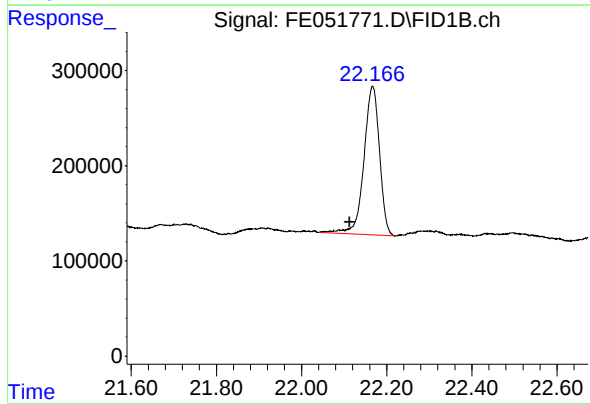
#21 n-Octatriacontane (C38)

R.T.: 21.230 min
Delta R.T.: 0.041 min
Response: 3911952
Conc: 43.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.167 min
Delta R.T.: 0.054 min
Response: 3965361
Conc: 40.63 ug/ml