

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122123AL\
 Data File : FE045923.D
 Signal(s) : FID1B.ch
 Acq On : 21 Dec 2023 17:33
 Operator : YP\AJ
 Sample : 05914-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

72-12000MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :Ankita Jodhani 12/22/2023

Integration File: sample.E

Quant Time: Dec 21 22:31:07 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)	11.838	6862948	32.819 ug/mlm
Spiked Amount 50.000		Recovery =	65.64%
12) S 1-chlorooctadecane (S...	13.281	5538651	35.201 ug/ml
Spiked Amount 50.000		Recovery =	70.40%
Target Compounds			
1) T n-Nonane (C9)	3.230	5132233	32.365 ug/ml
2) T n-Decane (C10)	4.480	5889451	36.778 ug/mlm
3) T A~Naphthalene (C11.7)	6.178	6908111	39.657 ug/ml
4) T n-Dodecane (C12)	6.645	6417278	39.728 ug/ml
5) T A~2-methylnaphthalene...	7.274	6919243	40.745 ug/ml
6) T n-Tetradecane (C14)	8.473	6744635	42.043 ug/ml
7) T n-Hexadecane (C16)	10.081	7180515	43.362 ug/ml
8) T n-Octadecane (C18)	11.526	7591855	44.280 ug/ml
10) T n-Eicosane (C20)	12.838	7764731	44.877 ug/ml
11) T n-Heneicosane (C21)	13.450	7368236	42.831 ug/ml
13) T n-Docosane (C22)	14.038	7334114	42.536 ug/ml
14) T n-Tetracosane (C24)	15.134	14489617	82.997 ug/ml
15) T n-Hexacosane (C26)	16.168	6916599	39.715 ug/ml
16) T n-Octacosane (C28)	17.118	6856804	39.673 ug/ml
17) T n-Tricontane (C30)	18.011	6795403	38.843 ug/ml
18) T n-Dotriacontane (C32)	18.844	6807615	37.315 ug/ml
19) T n-Tetratriacontane (C34)	19.630	6677004	40.240 ug/ml
20) T n-Hexatriacontane (C36)	20.374	6668681	42.011 ug/ml
21) T n-Octatriacontane (C38)	21.106	6895174	43.969 ug/ml
22) T n-Tetracontane (C40)	22.006	7296021	51.339 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : 05914-01MS
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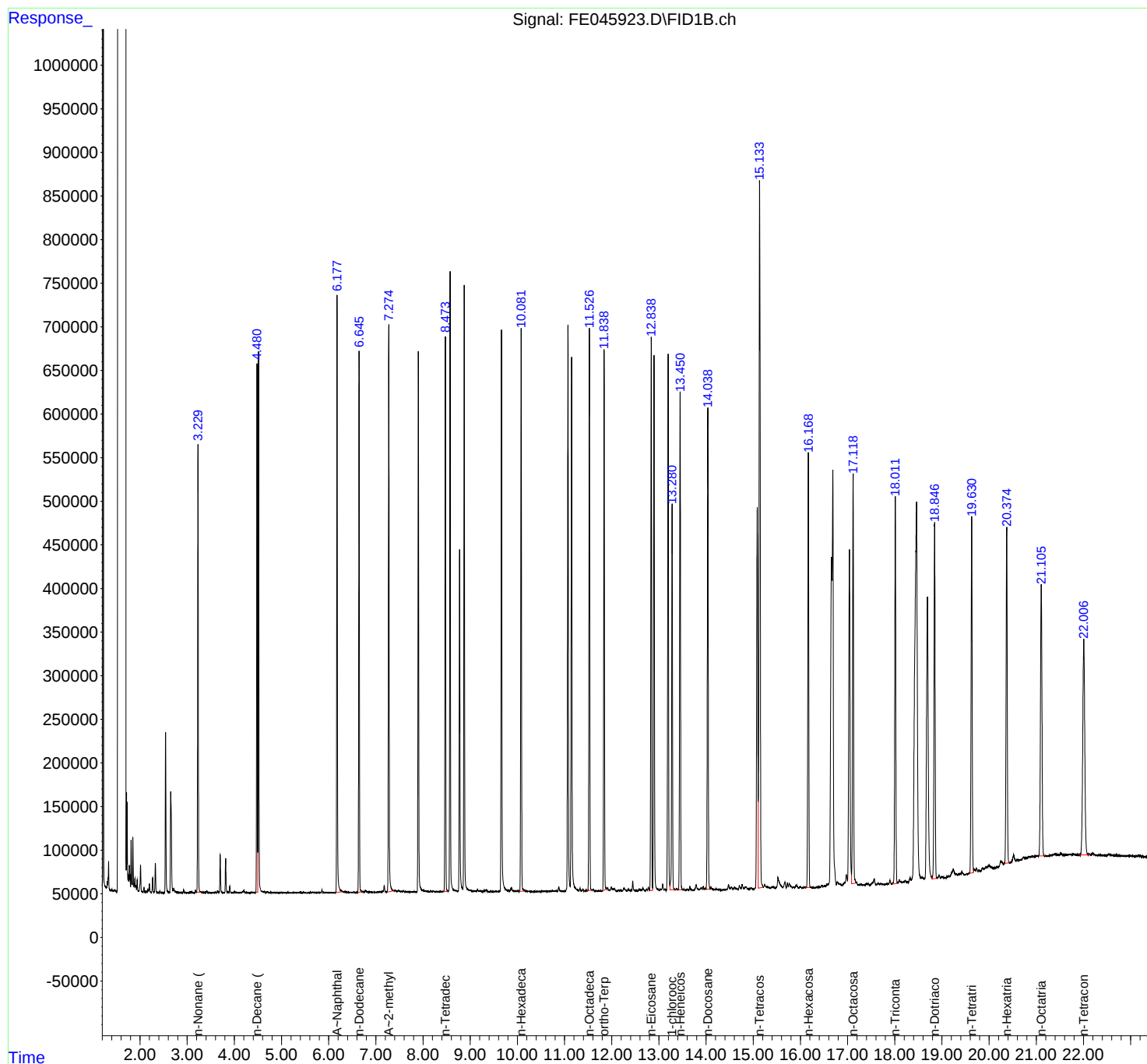
Instrument :
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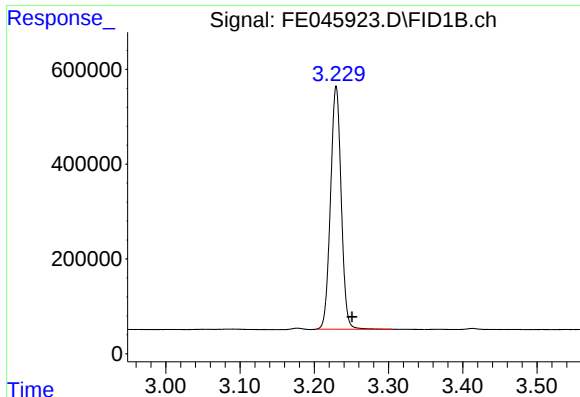
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QLast Update : Thu Nov 30 12:25:07 2023
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.230 min
Delta R.T.: -0.021 min
Response: 5132233
Conc: 32.36 ug/ml

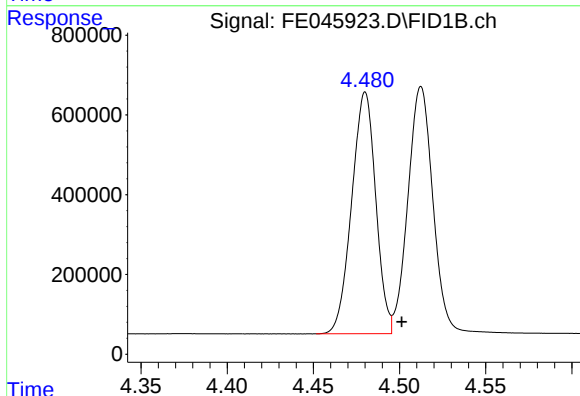
Instrument :

FID_E

ClientSampleId :
72-12000MS

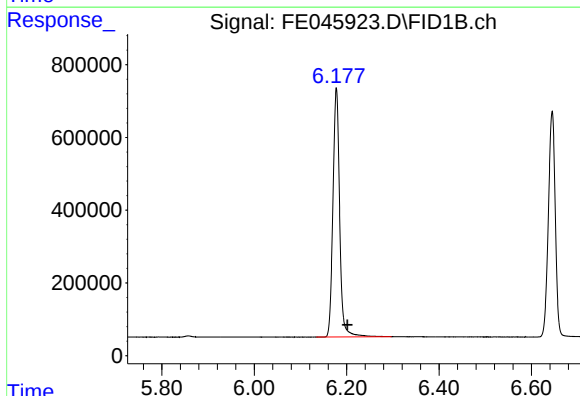
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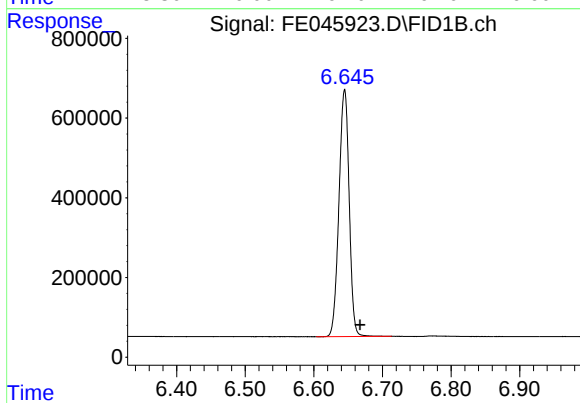
#2 n-Decane (C10)

R.T.: 4.480 min
Delta R.T.: -0.022 min
Response: 5889451
Conc: 36.78 ug/ml m



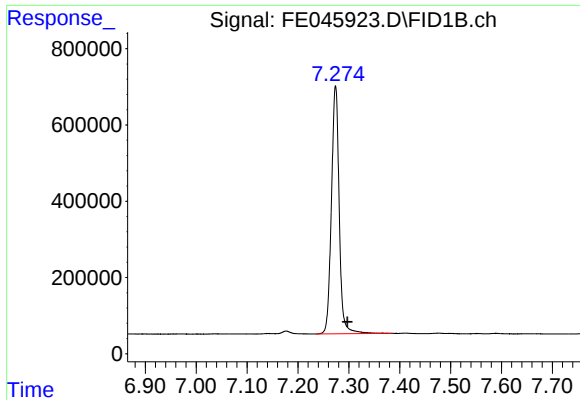
#3 A~Naphthalene (C11.7)

R.T.: 6.178 min
Delta R.T.: -0.024 min
Response: 6908111
Conc: 39.66 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.645 min
Delta R.T.: -0.022 min
Response: 6417278
Conc: 39.73 ug/ml



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

R.T.: 7.274 min
Delta R.T.: -0.023 min
Response: 6919243
Conc: 40.74 ug/ml

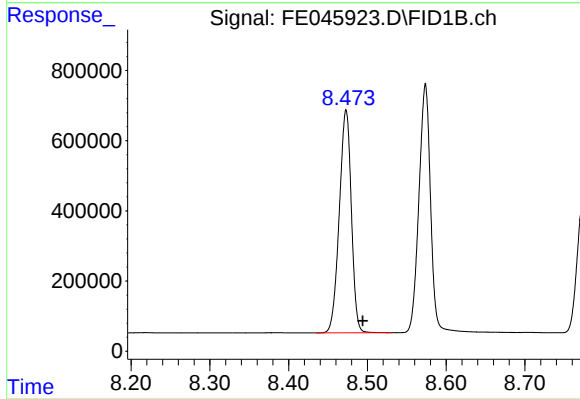
Instrument :

FID_E

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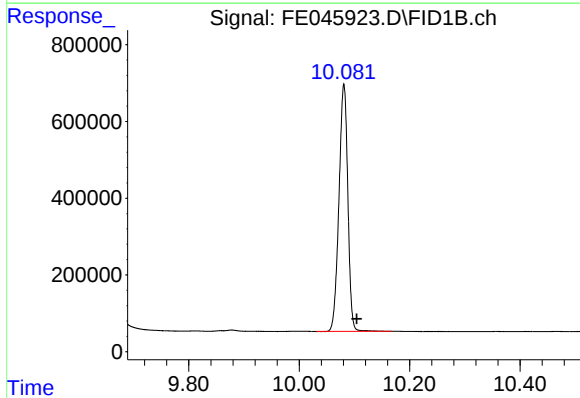
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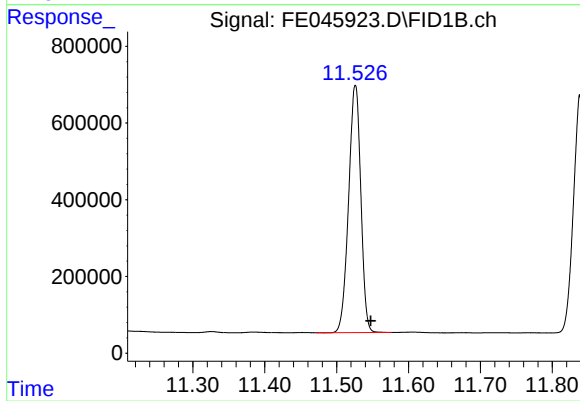
#6 n-Tetradecane (C14)

R.T.: 8.473 min
Delta R.T.: -0.021 min
Response: 6744635
Conc: 42.04 ug/ml



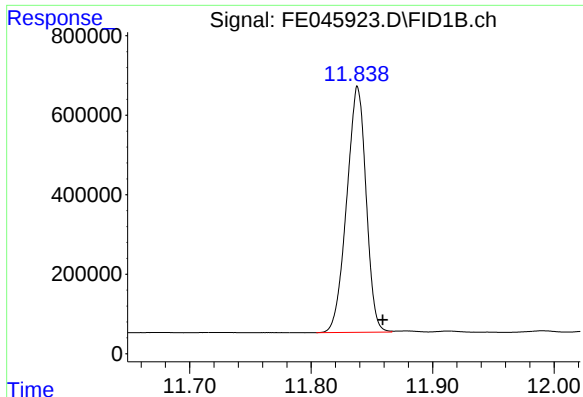
#7 n-Hexadecane (C16)

R.T.: 10.081 min
Delta R.T.: -0.023 min
Response: 7180515
Conc: 43.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.526 min
Delta R.T.: -0.021 min
Response: 7591855
Conc: 44.28 ug/ml



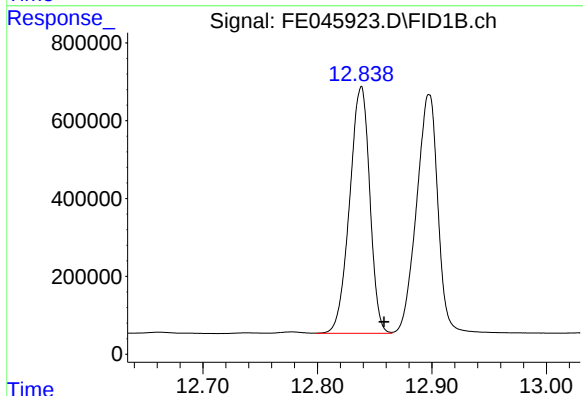
#9 ortho-Terphenyl (SURR)

R.T.: 11.838 min
Delta R.T.: -0.021 min
Response: 6862948
Conc: 32.82 ug/ml

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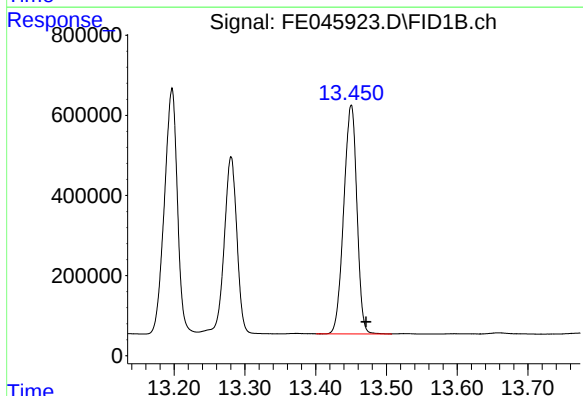
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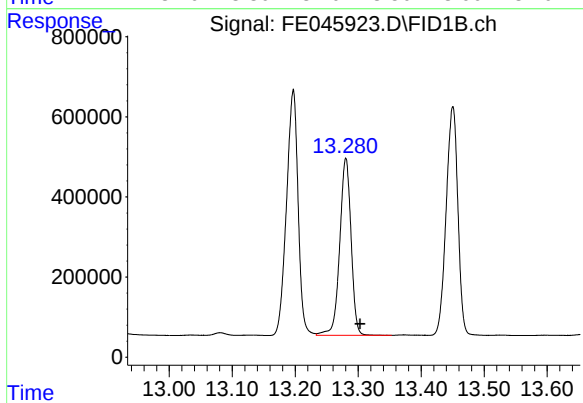
#10 n-Eicosane (C20)

R.T.: 12.838 min
Delta R.T.: -0.020 min
Response: 7764731
Conc: 44.88 ug/ml



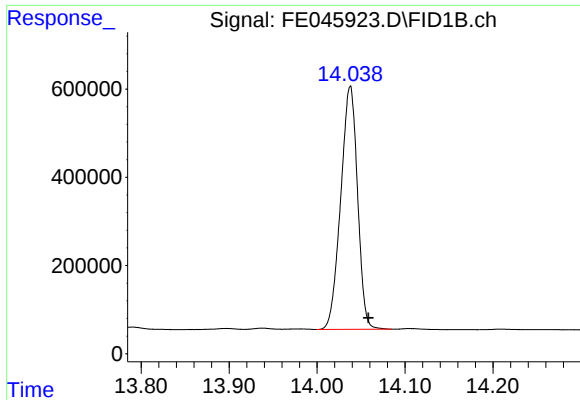
#11 n-Heneicosane (C21)

R.T.: 13.450 min
Delta R.T.: -0.021 min
Response: 7368236
Conc: 42.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.281 min
Delta R.T.: -0.022 min
Response: 5538651
Conc: 35.20 ug/ml



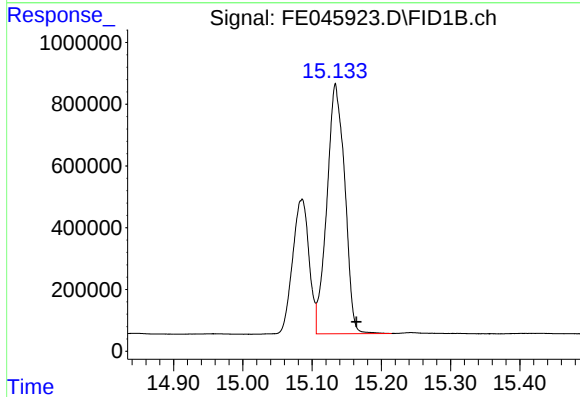
#13 n-Docosane (C22)

R.T.: 14.038 min
Delta R.T.: -0.020 min
Response: 7334114
Conc: 42.54 ug/ml

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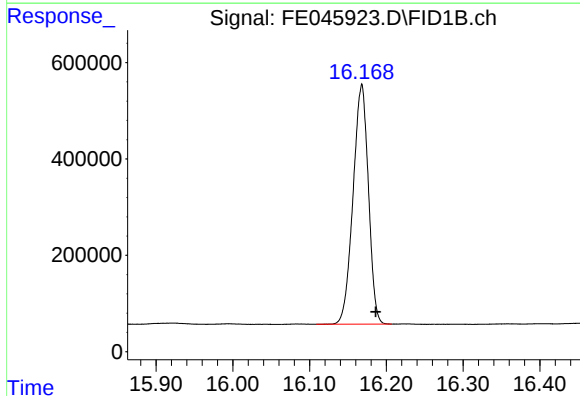
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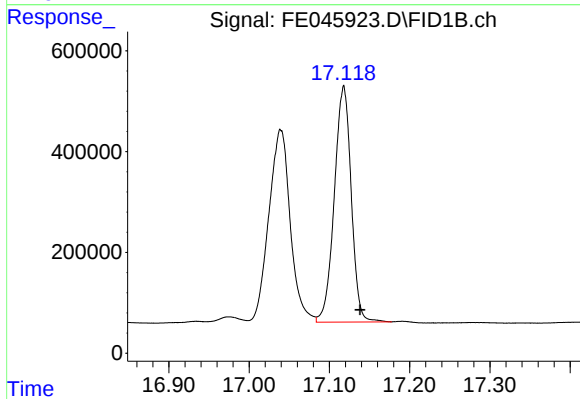
#14 n-Tetracosane (C24)

R.T.: 15.134 min
Delta R.T.: -0.030 min
Response: 14489617
Conc: 83.00 ug/ml



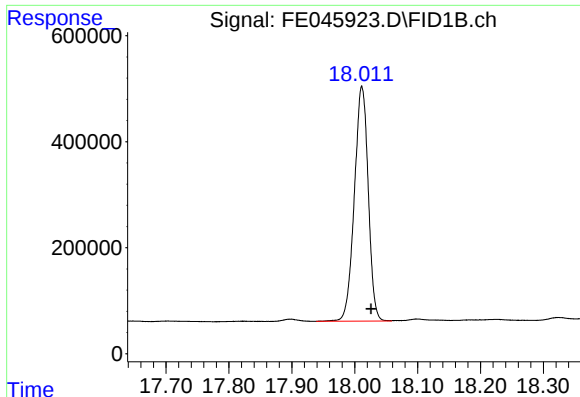
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.018 min
Response: 6916599
Conc: 39.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.118 min
Delta R.T.: -0.020 min
Response: 6856804
Conc: 39.67 ug/ml



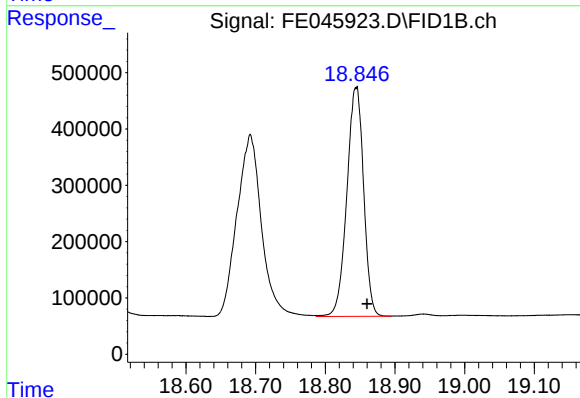
#17 n-Tricontane (C30)

R.T.: 18.011 min
Delta R.T.: -0.015 min
Response: 6795403
Conc: 38.84 ug/ml

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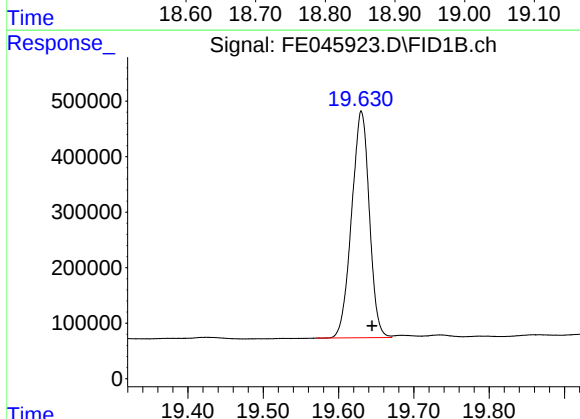
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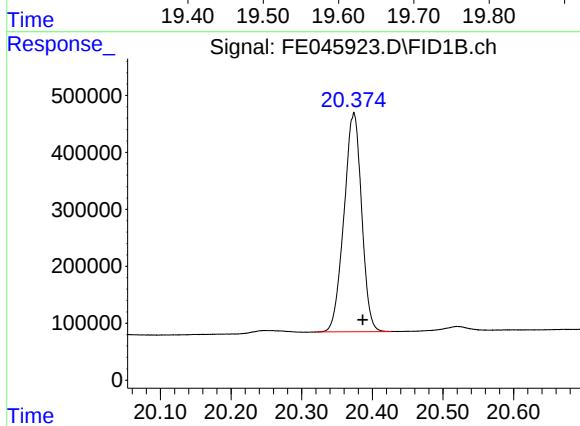
#18 n-Dotriacontane (C32)

R.T.: 18.844 min
Delta R.T.: -0.016 min
Response: 6807615
Conc: 37.32 ug/ml



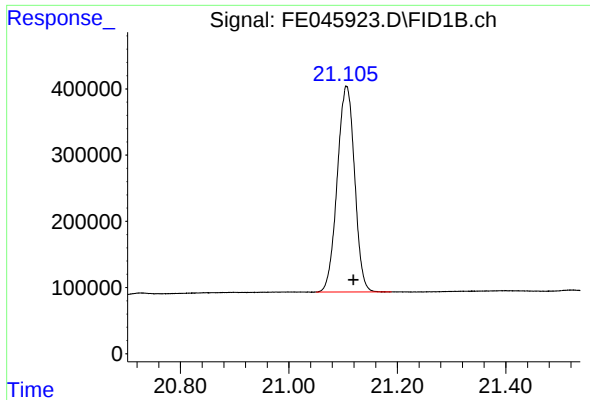
#19 n-Tetratriacontane (C34)

R.T.: 19.630 min
Delta R.T.: -0.014 min
Response: 6677004
Conc: 40.24 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.374 min
Delta R.T.: -0.012 min
Response: 6668681
Conc: 42.01 ug/ml



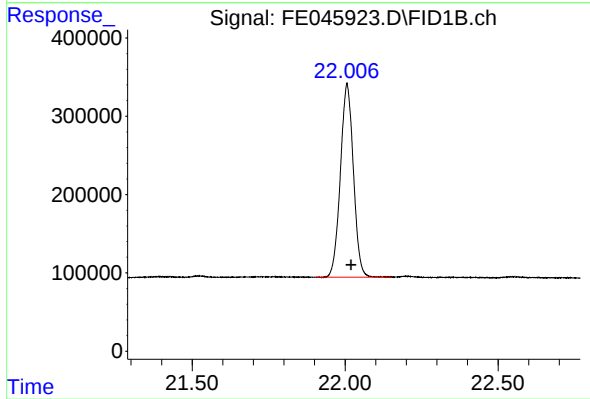
#21 n-Octatriacontane (C38)

R.T.: 21.106 min
Delta R.T.: -0.013 min
Response: 6895174
Conc: 43.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.006 min
Delta R.T.: -0.013 min
Response: 7296021
Conc: 51.34 ug/ml