

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122123AL\
 Data File : FE045924.D
 Signal(s) : FID1B.ch
 Acq On : 21 Dec 2023 18:03
 Operator : YP\AJ
 Sample : 05914-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 72-12000MSD

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 22:31:17 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	6839135	32.705 ug/mlm
Spiked Amount 50.000		Recovery =	65.41%
12) S 1-chlorooctadecane (S...	13.281	5516028	35.057 ug/ml
Spiked Amount 50.000		Recovery =	70.11%
Target Compounds			
1) T n-Nonane (C9)	3.229	5089370	32.094 ug/ml
2) T n-Decane (C10)	4.479	5884496	36.747 ug/mlm
3) T A~Naphthalene (C11.7)	6.178	6868132	39.428 ug/ml
4) T n-Dodecane (C12)	6.645	6362152	39.387 ug/ml
5) T A~2-methylnaphthalene...	7.274	6864424	40.422 ug/ml
6) T n-Tetradecane (C14)	8.473	6699101	41.759 ug/ml
7) T n-Hexadecane (C16)	10.081	7152734	43.194 ug/ml
8) T n-Octadecane (C18)	11.526	7579892	44.211 ug/ml
10) T n-Eicosane (C20)	12.838	7747873	44.780 ug/ml
11) T n-Heneicosane (C21)	13.450	7365560	42.815 ug/ml
13) T n-Docosane (C22)	14.038	7336036	42.547 ug/ml
14) T n-Tetracosane (C24)	15.132	14483663	82.963 ug/ml
15) T n-Hexacosane (C26)	16.168	6912552	39.692 ug/ml
16) T n-Octacosane (C28)	17.117	6838914	39.569 ug/ml
17) T n-Tricontane (C30)	18.011	6751992	38.594 ug/ml
18) T n-Dotriacontane (C32)	18.844	6784684	37.189 ug/ml
19) T n-Tetratriacontane (C34)	19.630	6630258	39.958 ug/ml
20) T n-Hexatriacontane (C36)	20.372	6748844	42.516 ug/ml
21) T n-Octatriacontane (C38)	21.106	6857172	43.727 ug/ml
22) T n-Tetracontane (C40)	22.009	7203384	50.687 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Integration File: sample.E

Quant Time: Dec 21 22:31:17 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

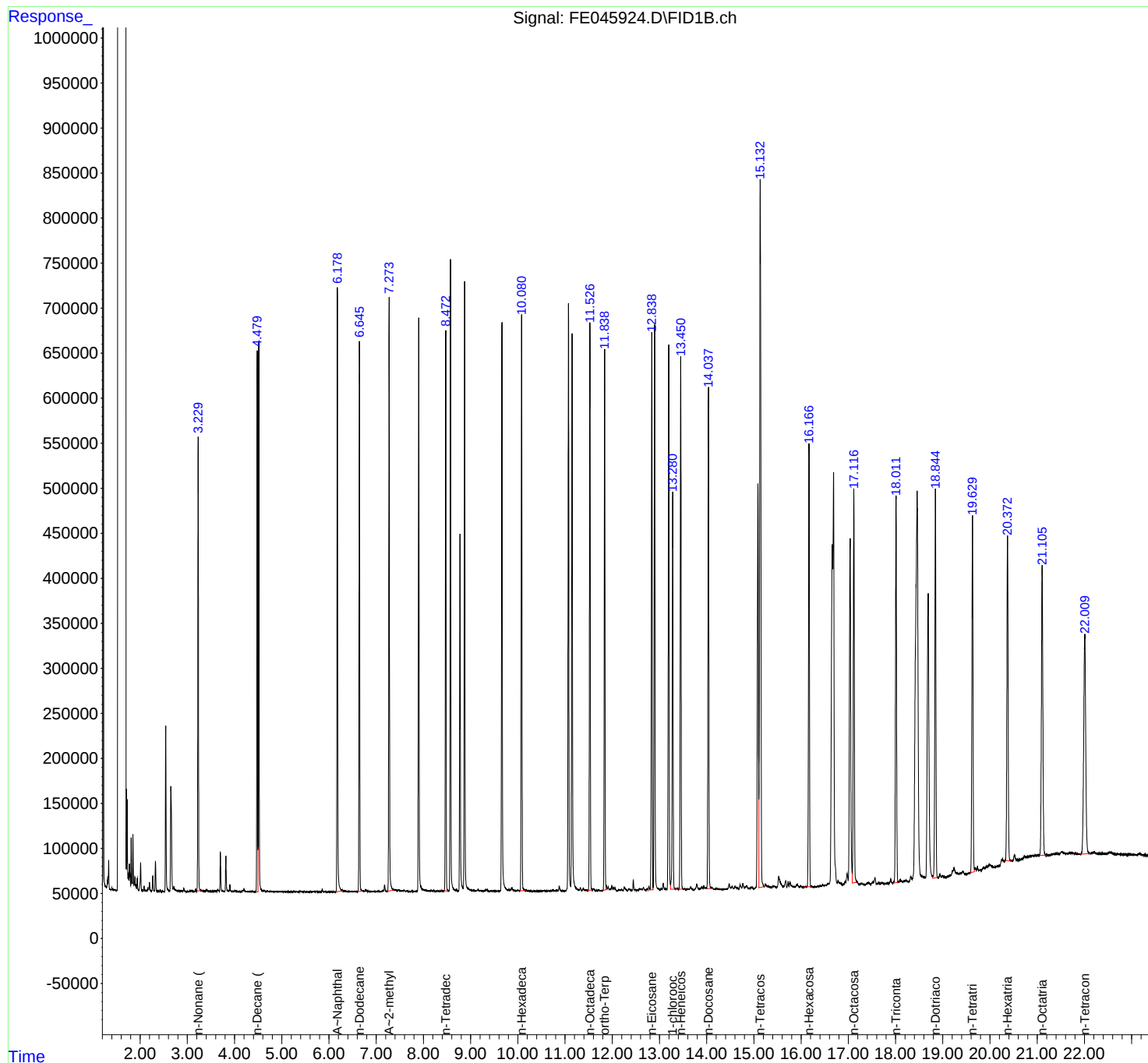
Response via : Initial Calibration

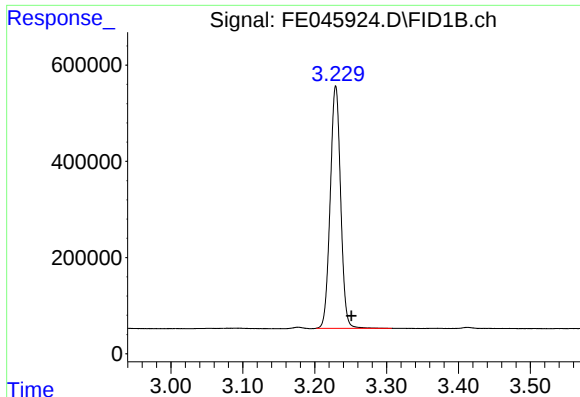
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





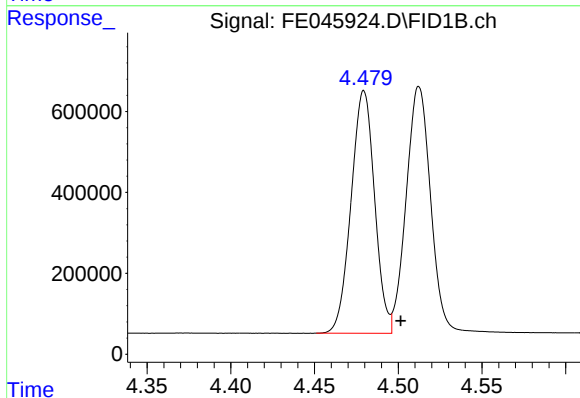
#1 n-Nonane (C9)

R.T.: 3.229 min
Delta R.T.: -0.022 min
Response: 5089370
Conc: 32.09 ug/ml

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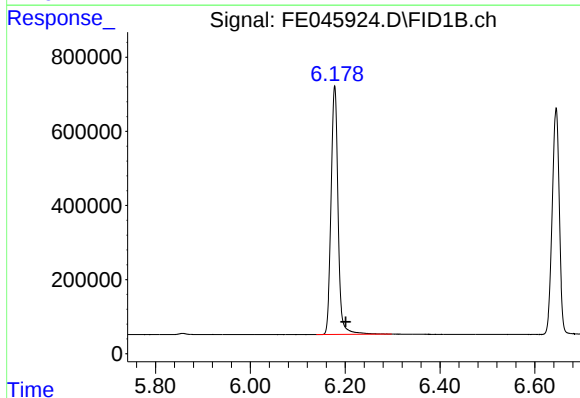
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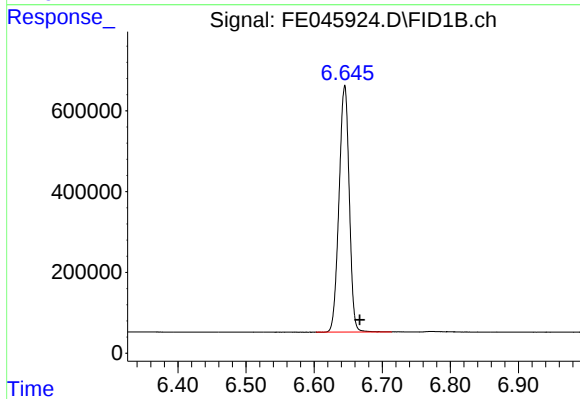
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.022 min
Response: 5884496
Conc: 36.75 ug/ml m



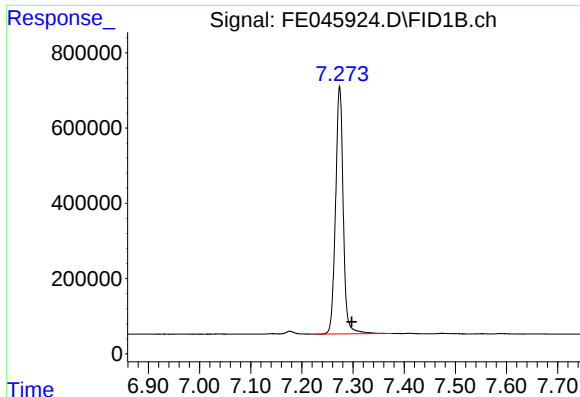
#3 A~Naphthalene (C11.7)

R.T.: 6.178 min
Delta R.T.: -0.024 min
Response: 6868132
Conc: 39.43 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.645 min
Delta R.T.: -0.022 min
Response: 6362152
Conc: 39.39 ug/ml



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

R.T.: 7.274 min
Delta R.T.: -0.023 min
Response: 6864424
Conc: 40.42 ug/ml

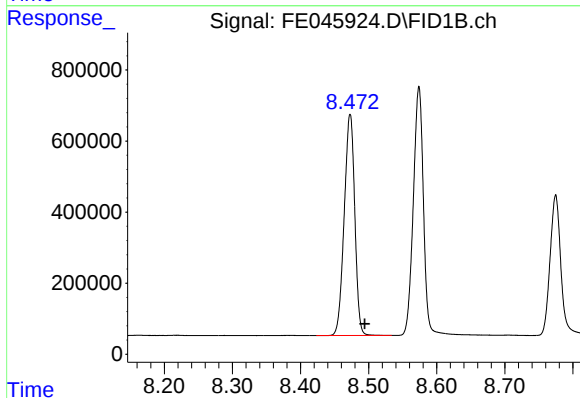
Instrument :

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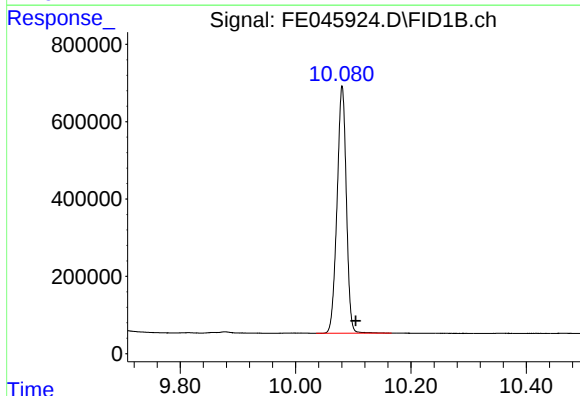
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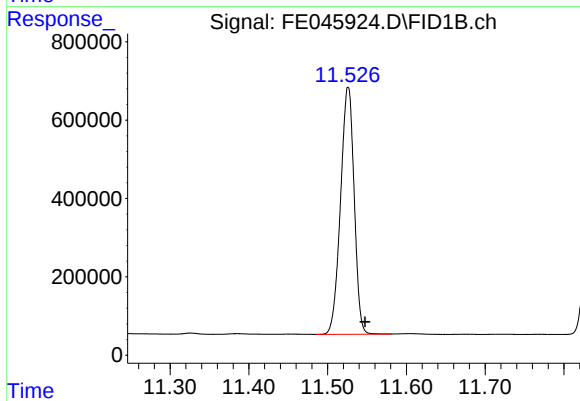
#6 n-Tetradecane (C14)

R.T.: 8.473 min
Delta R.T.: -0.021 min
Response: 6699101
Conc: 41.76 ug/ml



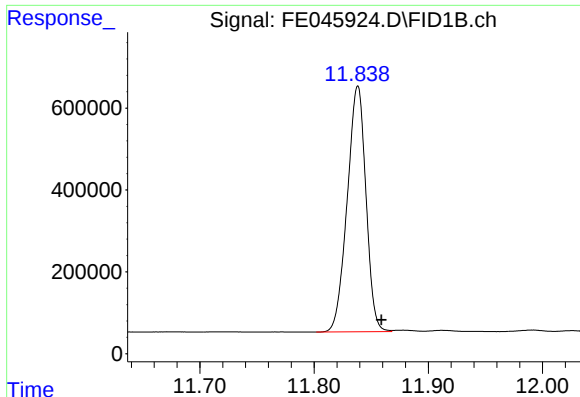
#7 n-Hexadecane (C16)

R.T.: 10.081 min
Delta R.T.: -0.023 min
Response: 7152734
Conc: 43.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.526 min
Delta R.T.: -0.021 min
Response: 7579892
Conc: 44.21 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.838 min
Delta R.T.: -0.021 min
Response: 6839135
Conc: 32.70 ug/ml

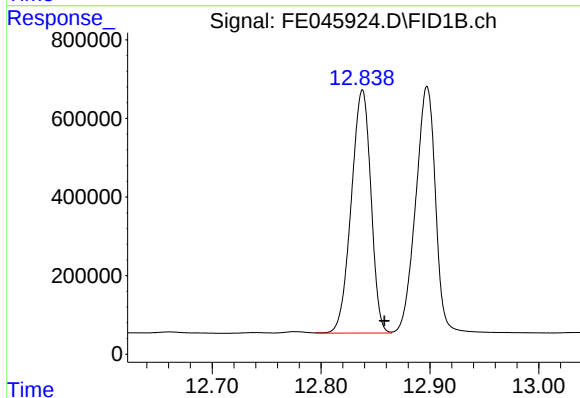
Instrument :

FID_E

ClientSampleId :
72-1200MSD

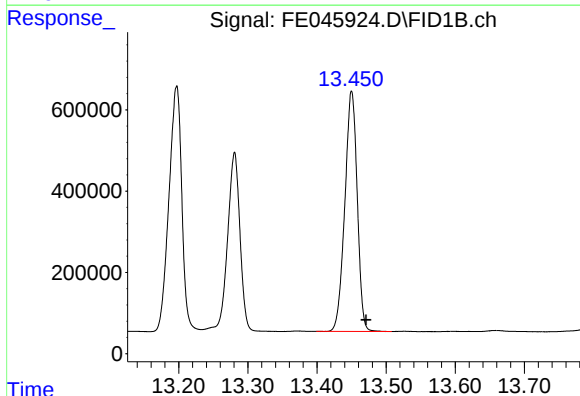
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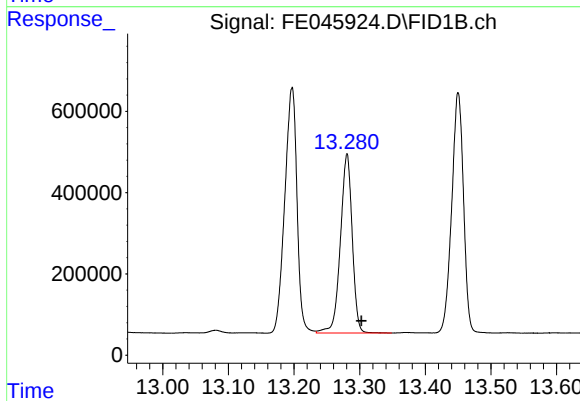
#10 n-Eicosane (C20)

R.T.: 12.838 min
Delta R.T.: -0.020 min
Response: 7747873
Conc: 44.78 ug/ml



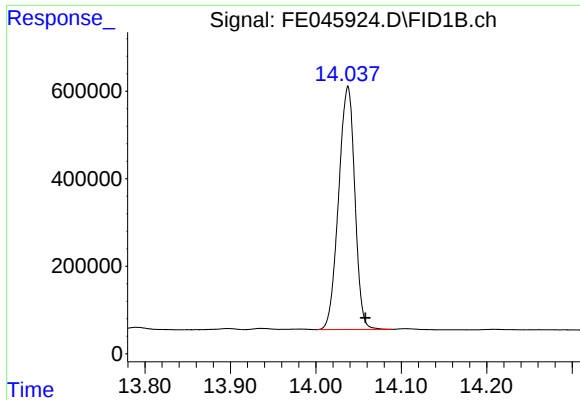
#11 n-Heneicosane (C21)

R.T.: 13.450 min
Delta R.T.: -0.021 min
Response: 7365560
Conc: 42.82 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.281 min
Delta R.T.: -0.022 min
Response: 5516028
Conc: 35.06 ug/ml



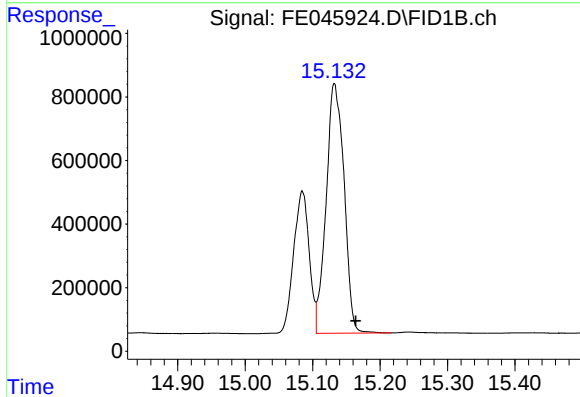
#13 n-Docosane (C22)

R.T.: 14.038 min
Delta R.T.: -0.021 min
Response: 7336036
Conc: 42.55 ug/ml

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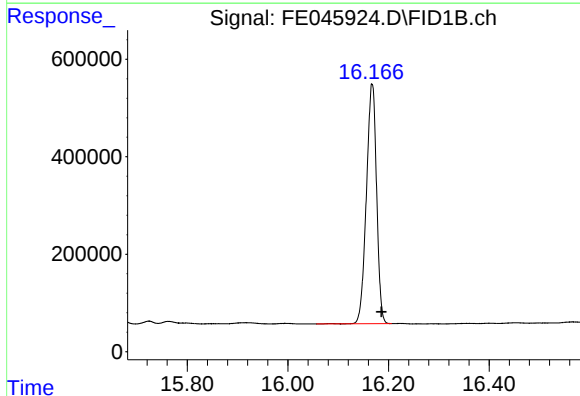
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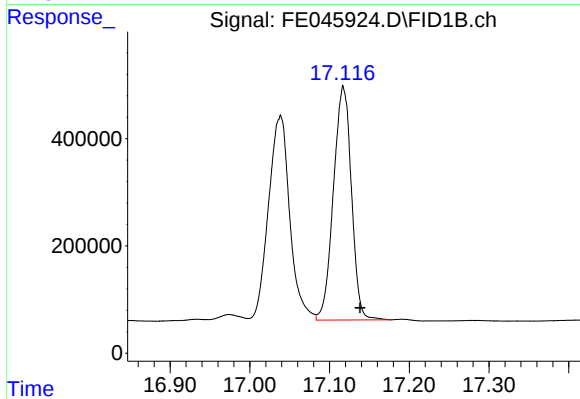
#14 n-Tetracosane (C24)

R.T.: 15.132 min
Delta R.T.: -0.032 min
Response: 14483663
Conc: 82.96 ug/ml



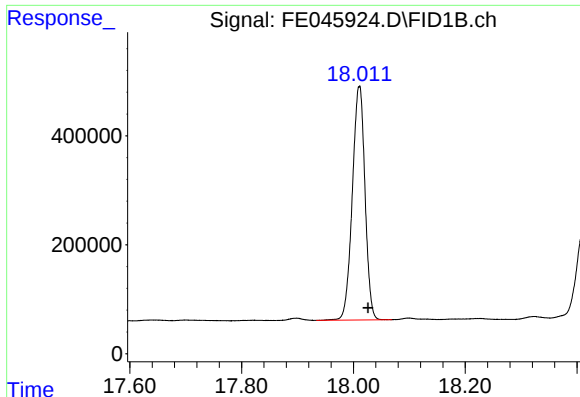
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.019 min
Response: 6912552
Conc: 39.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.117 min
Delta R.T.: -0.021 min
Response: 6838914
Conc: 39.57 ug/ml



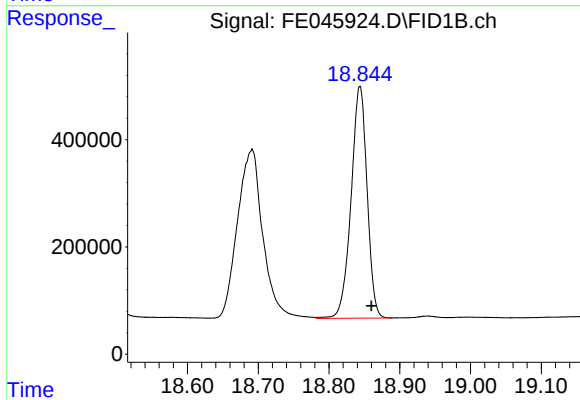
#17 n-Tricontane (C30)

R.T.: 18.011 min
Delta R.T.: -0.015 min
Response: 6751992
Conc: 38.59 ug/ml

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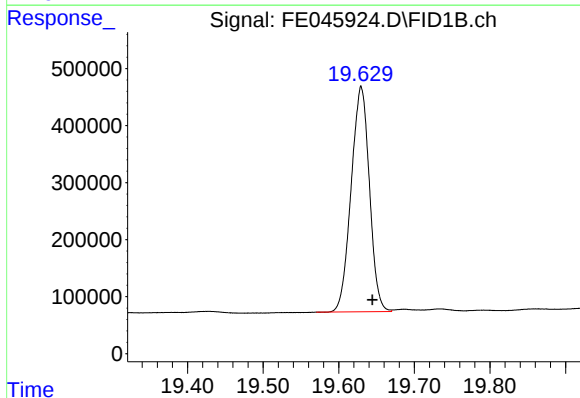
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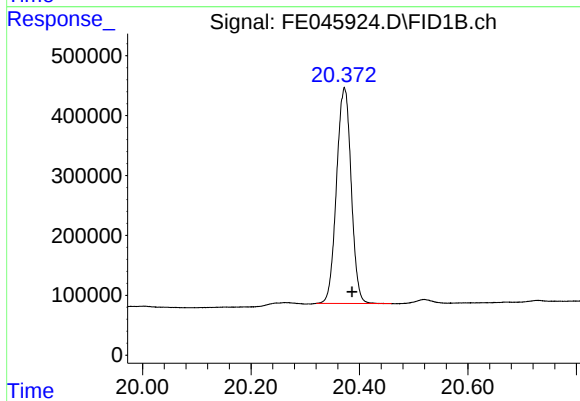
#18 n-Dotriacontane (C32)

R.T.: 18.844 min
Delta R.T.: -0.016 min
Response: 6784684
Conc: 37.19 ug/ml



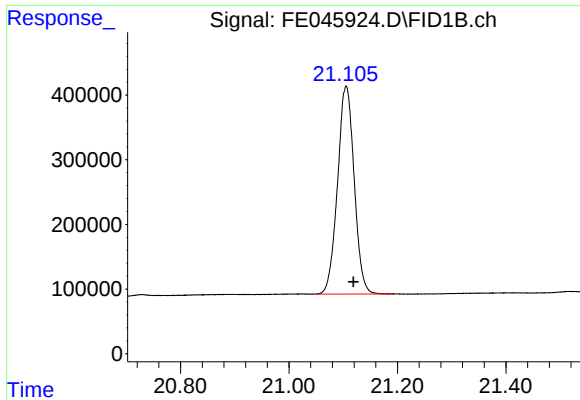
#19 n-Tetratriacontane (C34)

R.T.: 19.630 min
Delta R.T.: -0.015 min
Response: 6630258
Conc: 39.96 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.372 min
Delta R.T.: -0.014 min
Response: 6748844
Conc: 42.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.106 min
Delta R.T.: -0.013 min
Response: 6857172
Conc: 43.73 ug/ml

Instrument :

FID_E

ClientSampleId :

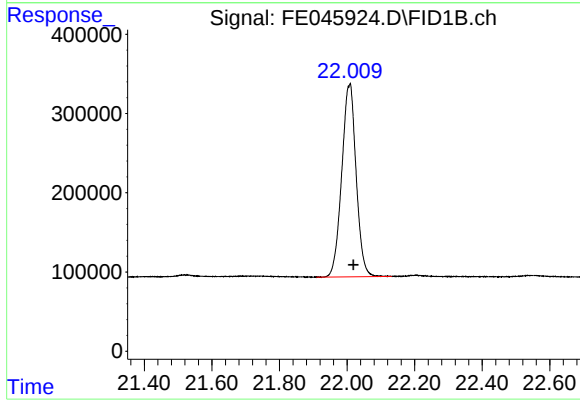
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#22 n-Tetracontane (C40)

R.T.: 22.009 min
Delta R.T.: -0.010 min
Response: 7203384
Conc: 50.69 ug/ml