

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052325AL\
 Data File : FE054007.D
 Signal(s) : FID1B.ch
 Acq On : 23 May 2025 18:50
 Operator : YP\AJ
 Sample : Q2113-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HD-02-05222025MS

Integration File: autoint1.e
 Quant Time: May 23 23:00:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 2025
 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)	11.849	6255996	38.496 ug/ml
Spiked Amount 50.000		Recovery =	76.99%
12) S 1-chlorooctadecane (S...	13.294	5203044	43.889 ug/ml
Spiked Amount 50.000		Recovery =	87.78%
Target Compounds			
1) T n-Nonane (C9)	3.191	2448670	18.118 ug/ml
2) T n-Decane (C10)	4.456	2706896	20.032 ug/ml
3) T A~Naphthalene (C11.7)	6.170	3230541	22.479 ug/ml
4) T n-Dodecane (C12)	6.638	3139043	23.013 ug/ml
5) T A~2-methylnaphthalene...	7.272	3247677	23.414 ug/ml
6) T n-Tetradecane (C14)	8.474	3785034	28.048 ug/ml
7) T n-Hexadecane (C16)	10.085	3993548	29.596 ug/ml
8) T n-Octadecane (C18)	11.534	3977690	29.539 ug/ml
10) T n-Eicosane (C20)	12.848	4000279	30.437 ug/ml
11) T n-Heneicosane (C21)	13.461	3861045	29.782 ug/ml
13) T n-Docosane (C22)	14.050	3773610	29.579 ug/ml
14) T n-Tetracosane (C24)	15.147	6799159	54.343 ug/ml
15) T n-Hexacosane (C26)	16.180	3584115	29.270 ug/ml
16) T n-Octacosane (C28)	17.131	3518596	28.944 ug/ml
17) T n-Tricontane (C30)	18.022	3771910	30.281 ug/ml
18) T n-Dotriacontane (C32)	18.856	3588413	28.695 ug/ml
19) T n-Tetratriacontane (C34)	19.643	3662836	30.749 ug/ml
20) T n-Hexatriacontane (C36)	20.385	3762337	32.493 ug/ml
21) T n-Octatriacontane (C38)	21.119	4462474	41.006 ug/ml
22) T n-Tetracontane (C40)	22.022	3393269	34.196 ug/ml

(f)=RT Delta > 1/2 Window

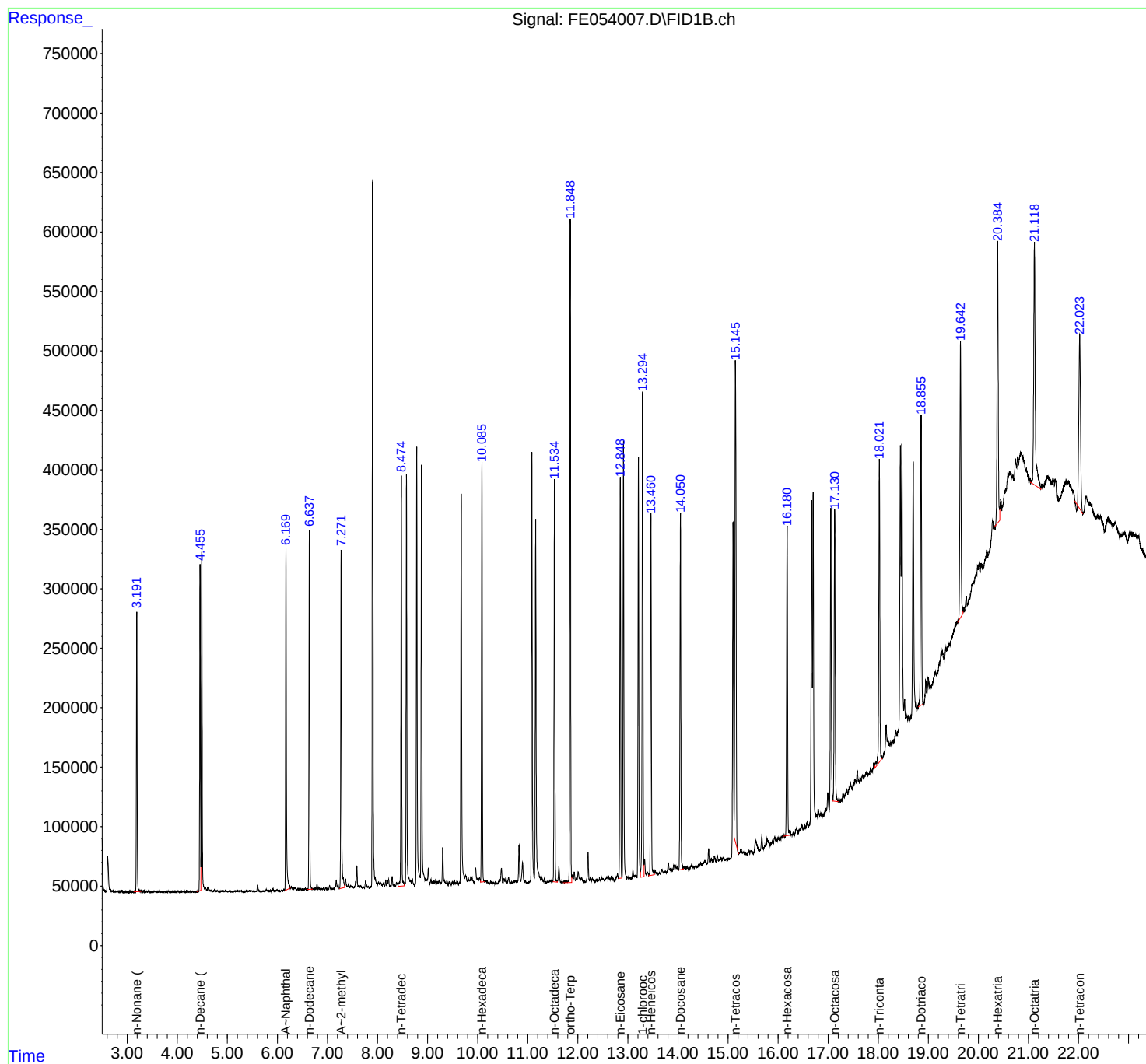
(m)=manual int.

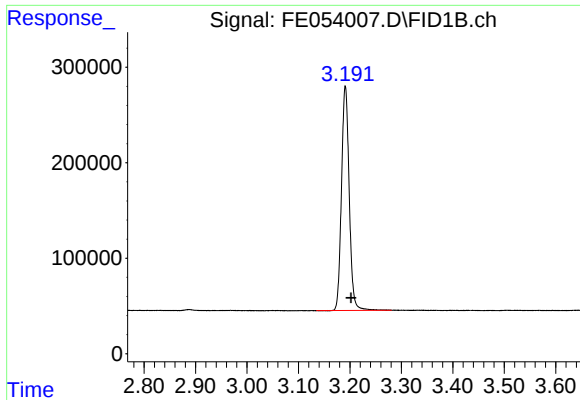
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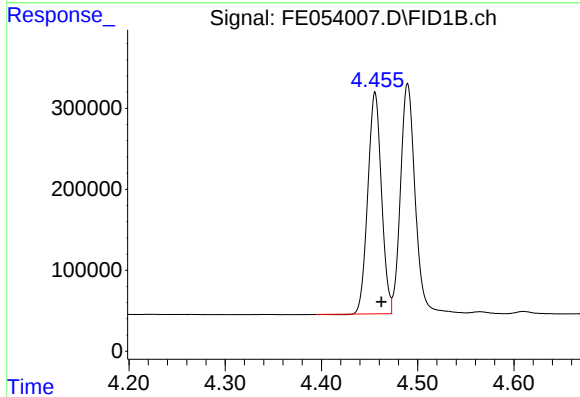




#1 n-Nonane (C9)

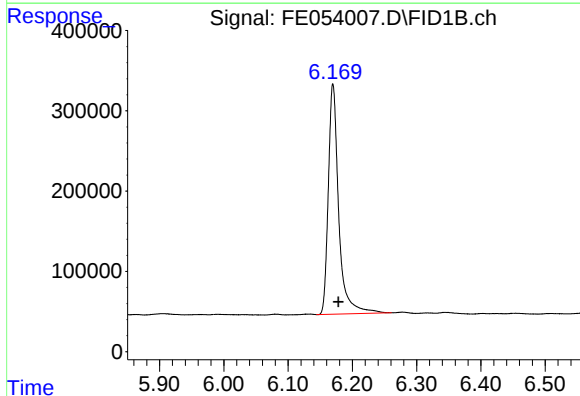
R.T.: 3.191 min
Delta R.T.: -0.011 min
Response: 2448670
Conc: 18.12 ug/ml

Instrument :
FID_E
ClientSampleId :
HD-02-05222025MS



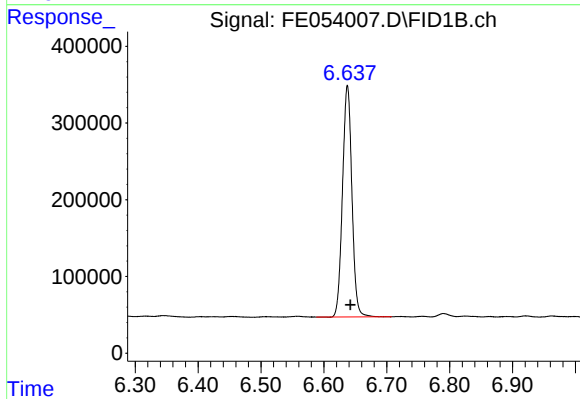
#2 n-Decane (C10)

R.T.: 4.456 min
Delta R.T.: -0.007 min
Response: 2706896
Conc: 20.03 ug/ml



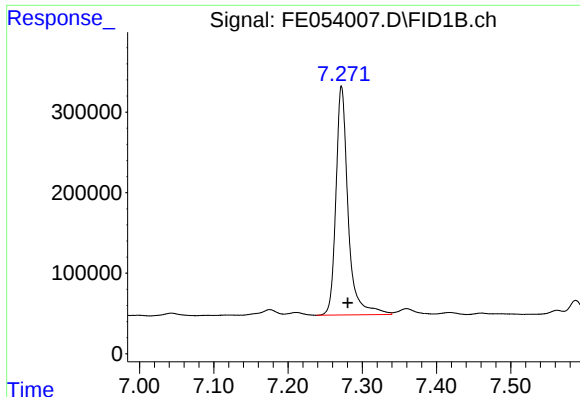
#3 A~Naphthalene (C11.7)

R.T.: 6.170 min
Delta R.T.: -0.008 min
Response: 3230541
Conc: 22.48 ug/ml



#4 n-Dodecane (C12)

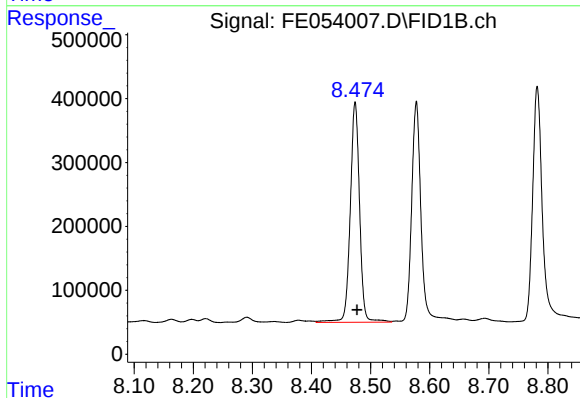
R.T.: 6.638 min
Delta R.T.: -0.005 min
Response: 3139043
Conc: 23.01 ug/ml



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

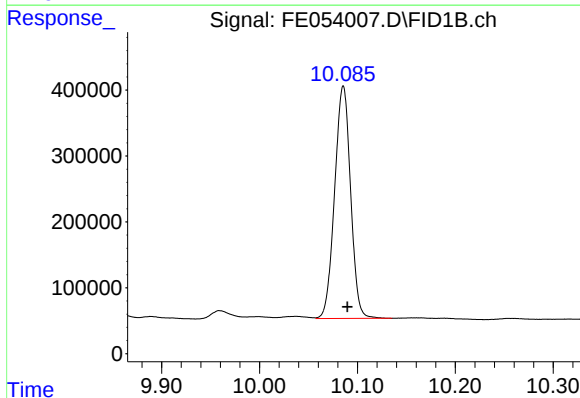
R.T.: 7.272 min
Delta R.T.: -0.008 min
Response: 3247677
Conc: 23.41 ug/ml

Instrument :
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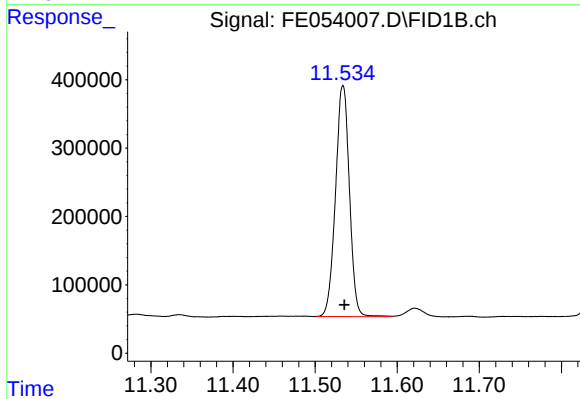
#6 n-Tetradecane (C14)

R.T.: 8.474 min
Delta R.T.: -0.003 min
Response: 3785034
Conc: 28.05 ug/ml



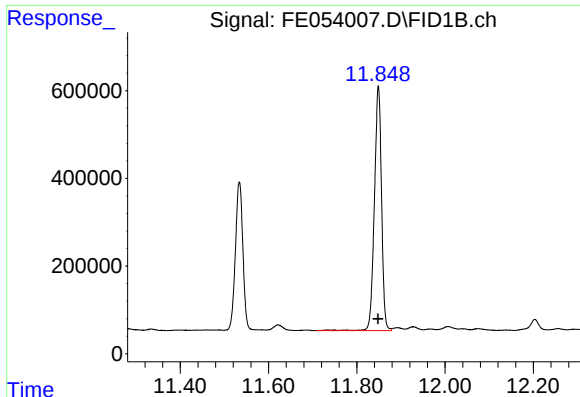
#7 n-Hexadecane (C16)

R.T.: 10.085 min
Delta R.T.: -0.004 min
Response: 3993548
Conc: 29.60 ug/ml



#8 n-Octadecane (C18)

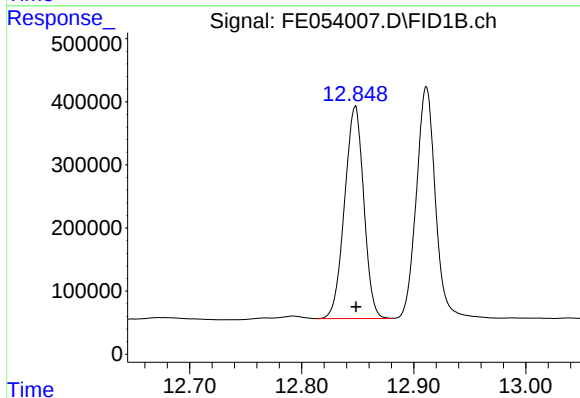
R.T.: 11.534 min
Delta R.T.: -0.002 min
Response: 3977690
Conc: 29.54 ug/ml



#9 ortho-Terphenyl (SURR)

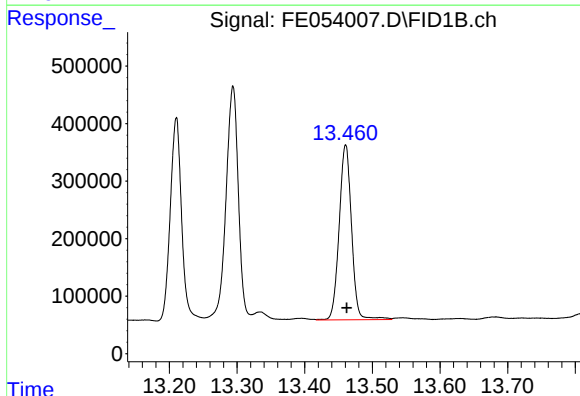
R.T.: 11.849 min
Delta R.T.: 0.000 min
Response: 6255996
Conc: 38.50 ug/ml

Instrument :
FID_E
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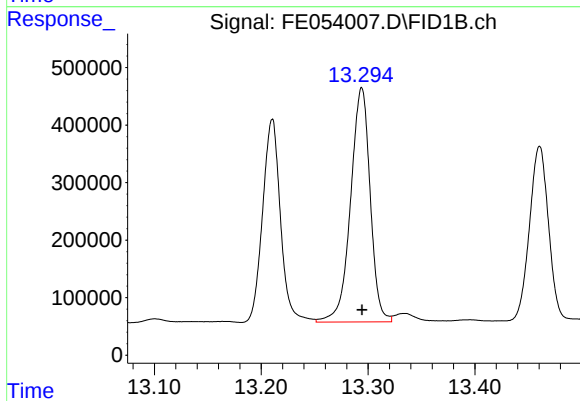
#10 n-Eicosane (C20)

R.T.: 12.848 min
Delta R.T.: -0.001 min
Response: 4000279
Conc: 30.44 ug/ml



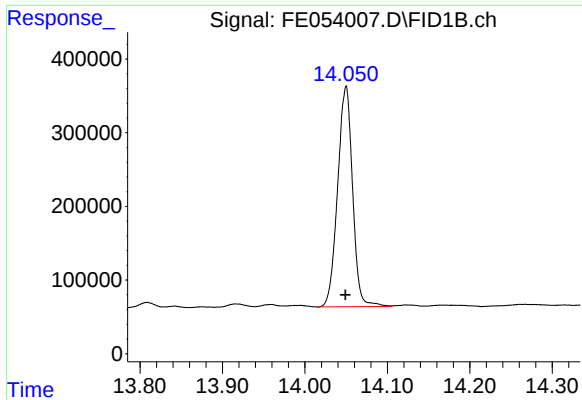
#11 n-Heneicosane (C21)

R.T.: 13.461 min
Delta R.T.: -0.002 min
Response: 3861045
Conc: 29.78 ug/ml



#12 1-chlorooctadecane (SURR)

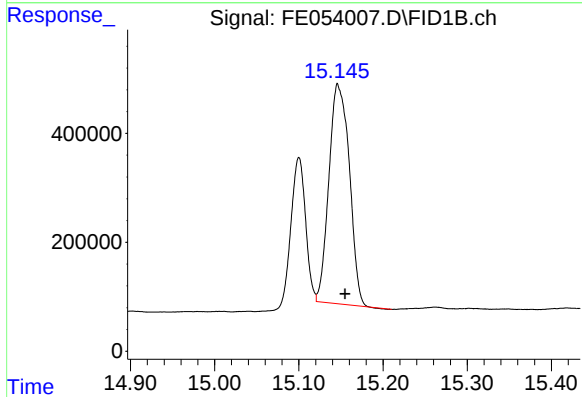
R.T.: 13.294 min
Delta R.T.: 0.000 min
Response: 5203044
Conc: 43.89 ug/ml



#13 n-Docosane (C22)

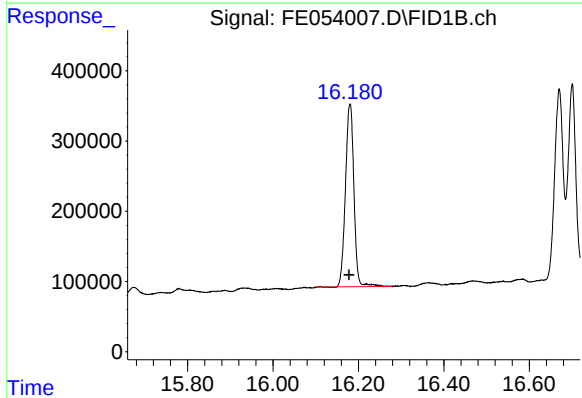
R.T.: 14.050 min
Delta R.T.: 0.000 min
Response: 3773610
Conc: 29.58 ug/ml

Instrument :
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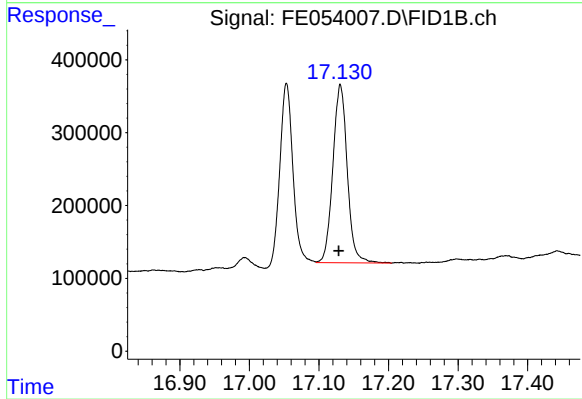
#14 n-Tetracosane (C24)

R.T.: 15.147 min
Delta R.T.: -0.008 min
Response: 6799159
Conc: 54.34 ug/ml



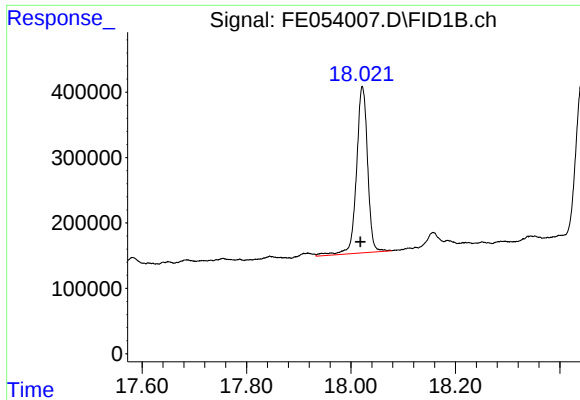
#15 n-Hexacosane (C26)

R.T.: 16.180 min
Delta R.T.: 0.002 min
Response: 3584115
Conc: 29.27 ug/ml



#16 n-Octacosane (C28)

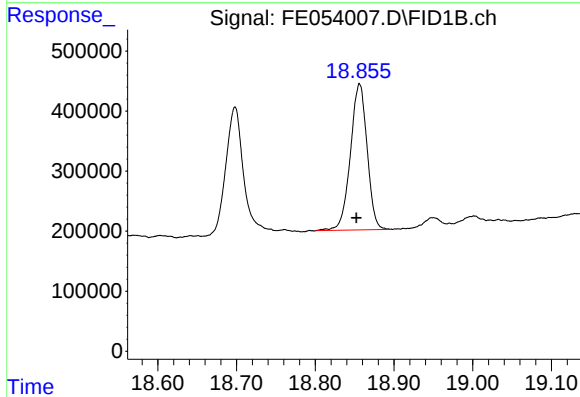
R.T.: 17.131 min
Delta R.T.: 0.002 min
Response: 3518596
Conc: 28.94 ug/ml



#17 n-Tricontane (C30)

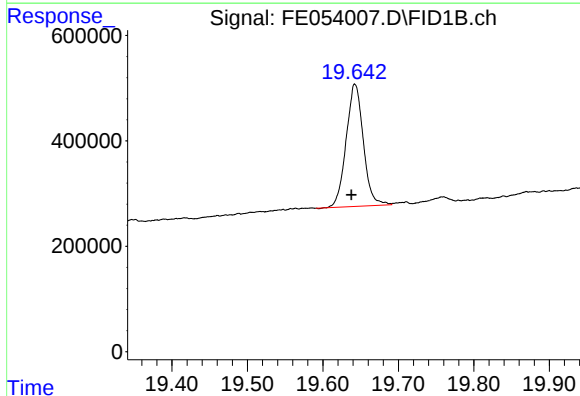
R.T.: 18.022 min
Delta R.T.: 0.004 min
Response: 3771910
Conc: 30.28 ug/ml

Instrument :
FID_E
ClientSampleId :
HD-02-05222025MS



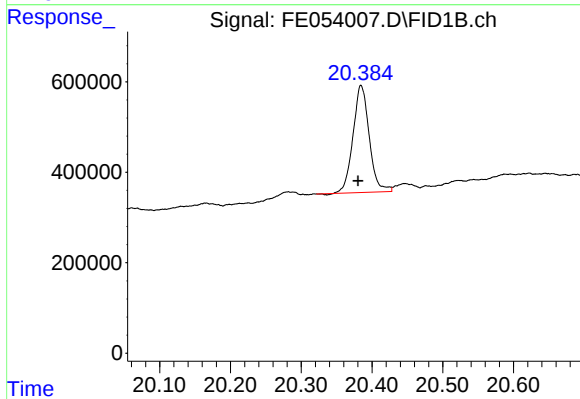
#18 n-Dotriacontane (C32)

R.T.: 18.856 min
Delta R.T.: 0.004 min
Response: 3588413
Conc: 28.69 ug/ml



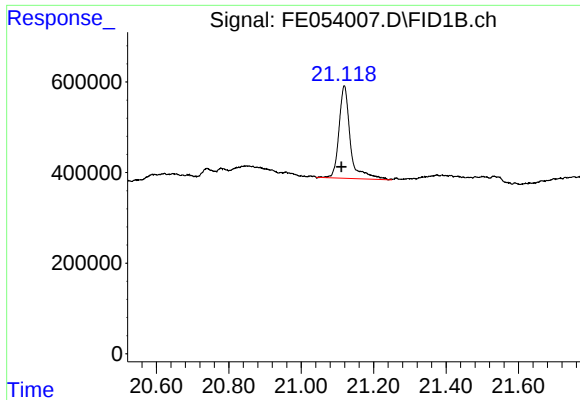
#19 n-Tetratriacontane (C34)

R.T.: 19.643 min
Delta R.T.: 0.005 min
Response: 3662836
Conc: 30.75 ug/ml



#20 n-Hexatriacontane (C36)

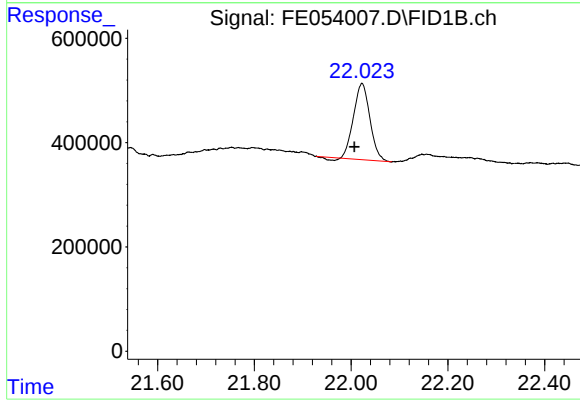
R.T.: 20.385 min
Delta R.T.: 0.005 min
Response: 3762337
Conc: 32.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.119 min
Delta R.T.: 0.008 min
Response: 4462474
Conc: 41.01 ug/ml

Instrument :
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HD-02-05222025MS



#22 n-Tetracontane (C40)

R.T.: 22.022 min
Delta R.T.: 0.016 min
Response: 3393269
Conc: 34.20 ug/ml