

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101223AL\
 Data File : FE044806.D
 Signal(s) : FID1B.ch
 Acq On : 12 Oct 2023 06:17
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 12 06:43:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.913	3944930	19.679 ug/ml
Spiked Amount 50.000		Recovery =	39.36%
12) S 1-chlorooctadecane (S...	13.354	2906754	19.642 ug/ml
Spiked Amount 50.000		Recovery =	39.28%
Target Compounds			
1) T n-Nonane (C9)	3.297	3292600	19.628 ug/ml
2) T n-Decane (C10)	4.548	3343078	19.625 ug/ml
3) T A~Naphthalene (C11.7)	6.248	3661542	19.780 ug/ml
4) T n-Dodecane (C12)	6.713	3392126	19.651 ug/ml
5) T A~2-methylnaphthalene...	7.344	3566605	19.771 ug/ml
6) T n-Tetradecane (C14)	8.540	3369902	19.652 ug/ml
7) T n-Hexadecane (C16)	10.151	3439545	19.669 ug/ml
8) T n-Octadecane (C18)	11.598	3428148	19.655 ug/ml
10) T n-Eicosane (C20)	12.909	3278889	19.631 ug/ml
11) T n-Heneicosane (C21)	13.523	3199148	19.625 ug/ml
13) T n-Docosane (C22)	14.110	3133394	19.589 ug/ml
14) T n-Tetracosane (C24)	15.215	3032205	19.538 ug/ml
15) T n-Hexacosane (C26)	16.237	2930325	19.518 ug/ml
16) T n-Octacosane (C28)	17.188	2856605	19.453 ug/ml
17) T n-Tricontane (C30)	18.078	2899037	19.492 ug/ml
18) T n-Dotriacontane (C32)	18.912	2921140	19.462 ug/ml
19) T n-Tetratriacontane (C34)	19.697	2923665	19.640 ug/ml
20) T n-Hexatriacontane (C36)	20.438	3008025	19.566 ug/ml
21) T n-Octatriacontane (C38)	21.180	3113835	19.934 ug/ml
22) T n-Tetracontane (C40)	22.101	3299824	19.745 ug/ml

(f)=RT Delta > 1/2 Window

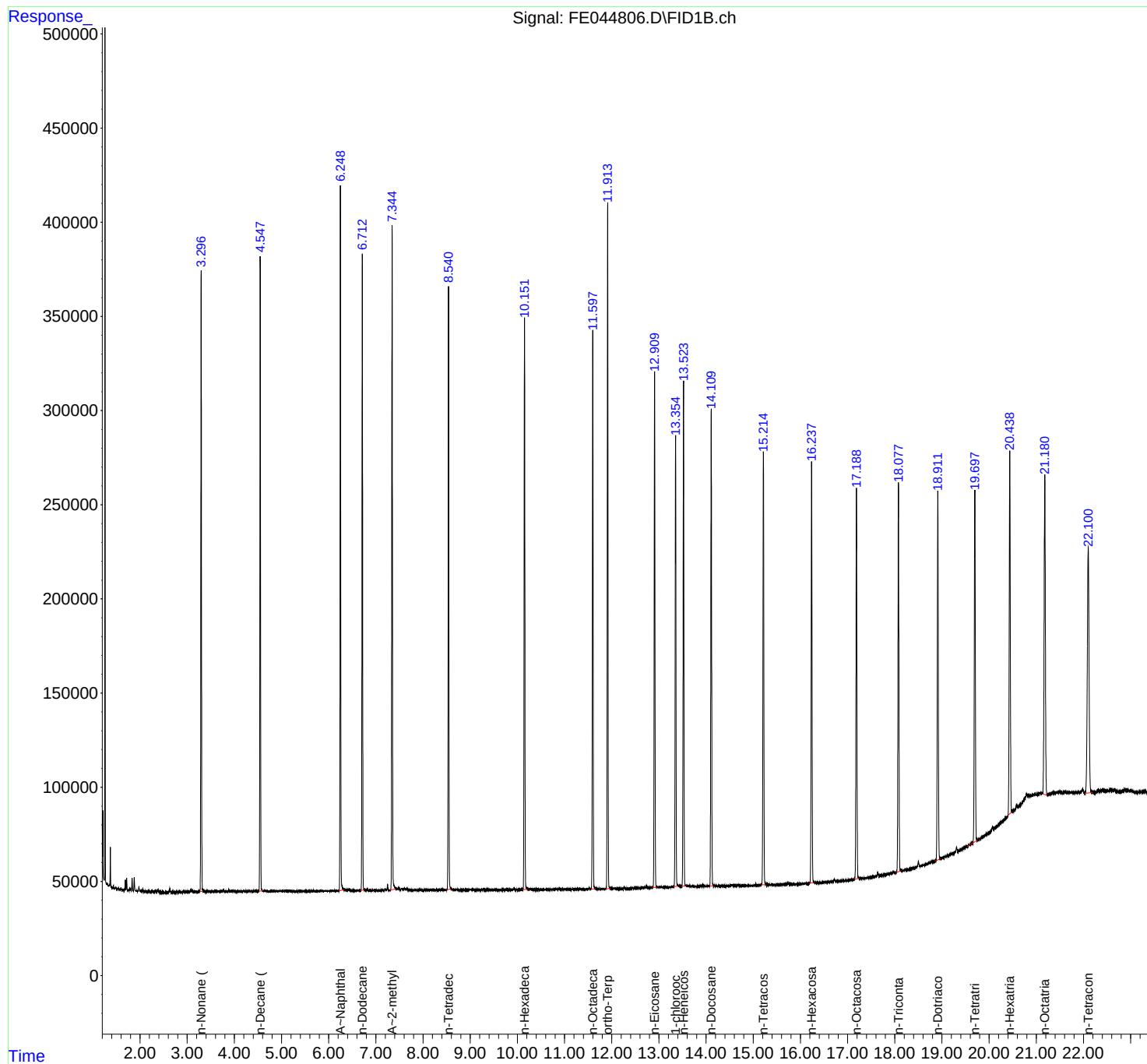
(m)=manual int.

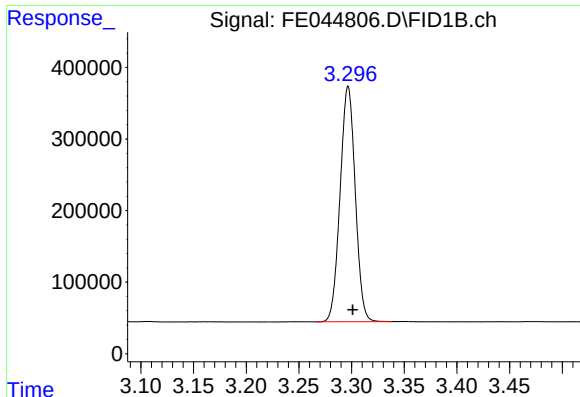
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#1 n-Nonane (C9)

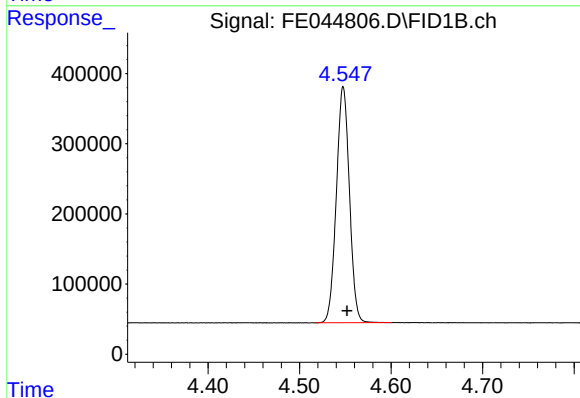
R.T.: 3.297 min
Delta R.T.: -0.004 min
Response: 3292600
Conc: 19.63 ug/ml

Instrument :

FID_E

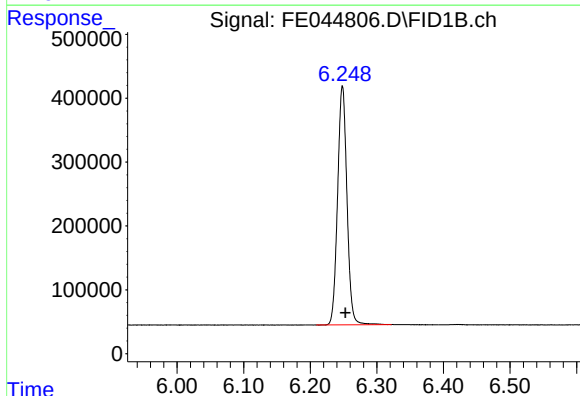
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



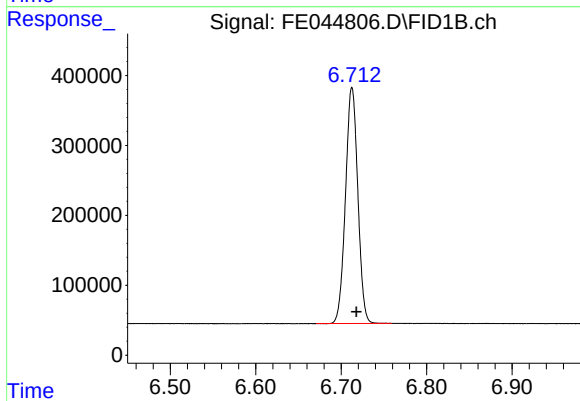
#2 n-Decane (C10)

R.T.: 4.548 min
Delta R.T.: -0.004 min
Response: 3343078
Conc: 19.62 ug/ml



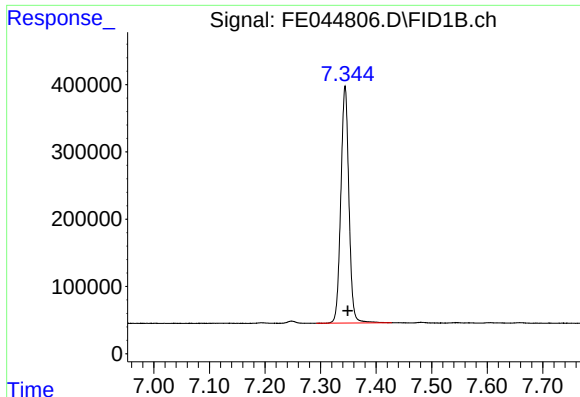
#3 A~Naphthalene (C11.7)

R.T.: 6.248 min
Delta R.T.: -0.005 min
Response: 3661542
Conc: 19.78 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.713 min
Delta R.T.: -0.005 min
Response: 3392126
Conc: 19.65 ug/ml



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

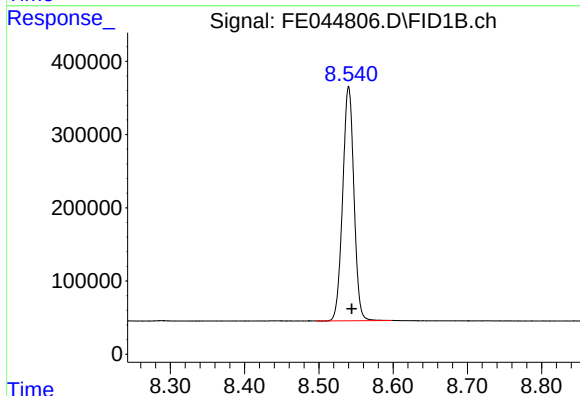
R.T.: 7.344 min
Delta R.T.: -0.005 min
Response: 3566605
Conc: 19.77 ug/ml

Instrument :

FID_E

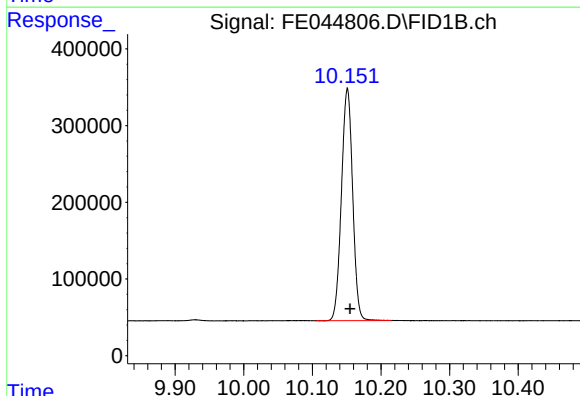
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



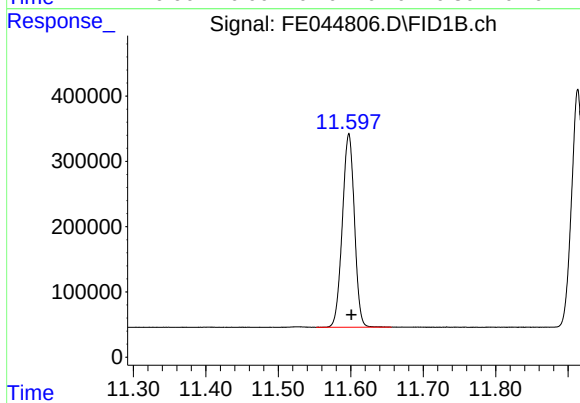
#6 n-Tetradecane (C14)

R.T.: 8.540 min
Delta R.T.: -0.004 min
Response: 3369902
Conc: 19.65 ug/ml



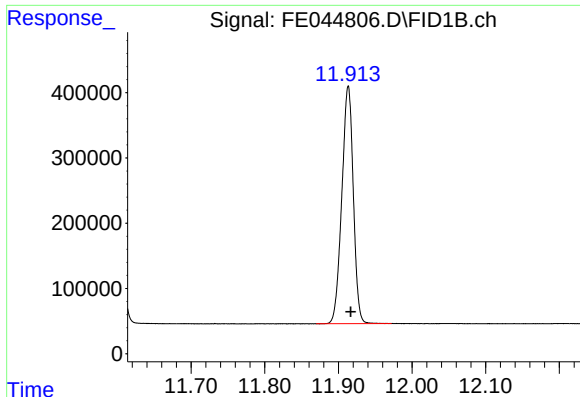
#7 n-Hexadecane (C16)

R.T.: 10.151 min
Delta R.T.: -0.004 min
Response: 3439545
Conc: 19.67 ug/ml



#8 n-Octadecane (C18)

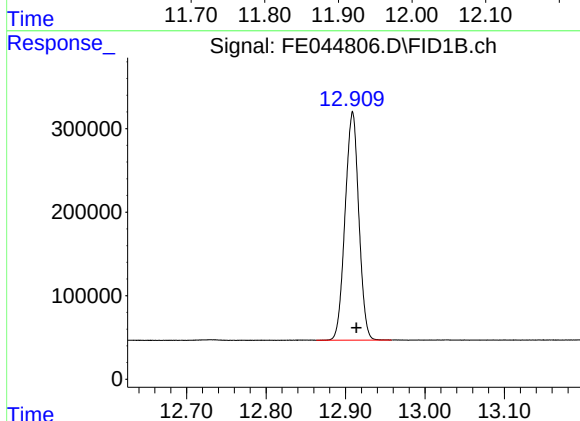
R.T.: 11.598 min
Delta R.T.: -0.004 min
Response: 3428148
Conc: 19.66 ug/ml



#9 ortho-Terphenyl (SURR)

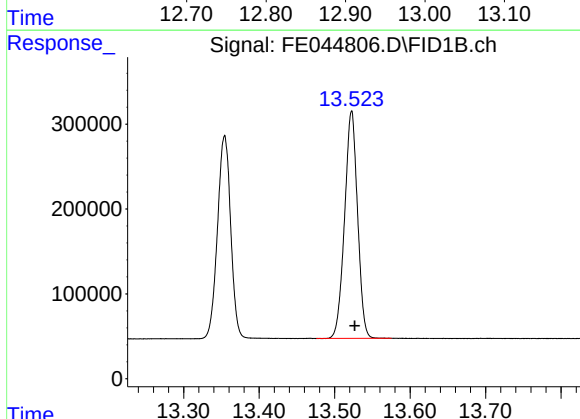
R.T.: 11.913 min
Delta R.T.: -0.004 min
Response: 3944930
Conc: 19.68 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD ICV



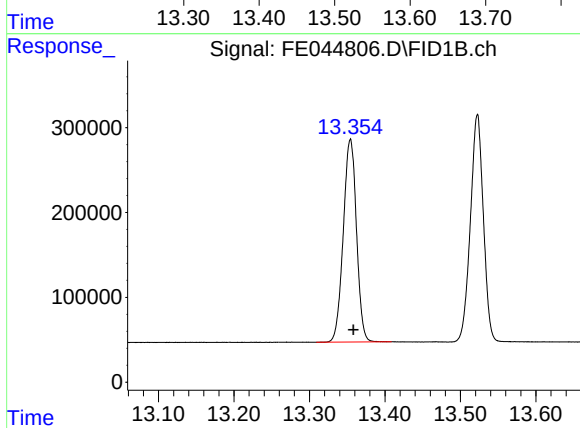
#10 n-Eicosane (C20)

R.T.: 12.909 min
Delta R.T.: -0.005 min
Response: 3278889
Conc: 19.63 ug/ml



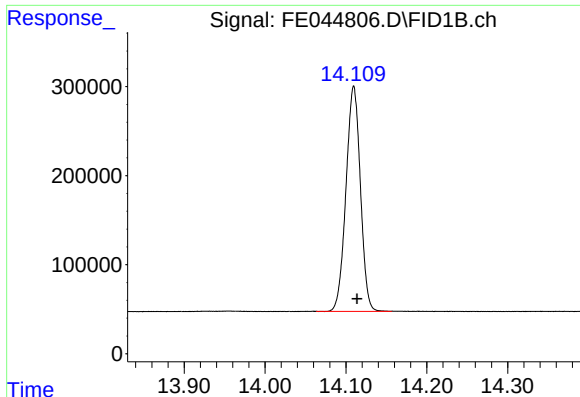
#11 n-Heneicosane (C21)

R.T.: 13.523 min
Delta R.T.: -0.004 min
Response: 3199148
Conc: 19.63 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.354 min
Delta R.T.: -0.004 min
Response: 2906754
Conc: 19.64 ug/ml



#13 n-Docosane (C22)

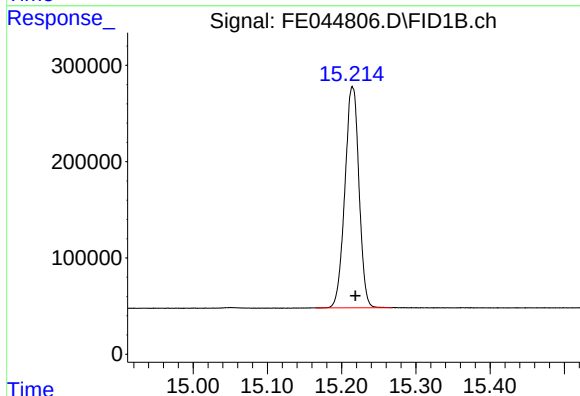
R.T.: 14.110 min
Delta R.T.: -0.004 min
Response: 3133394
Conc: 19.59 ug/ml

Instrument :

FID_E

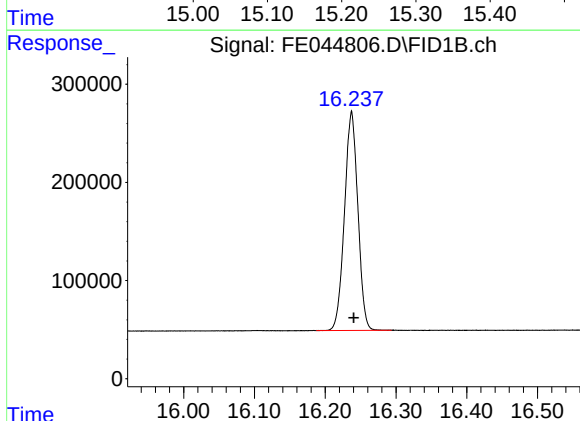
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



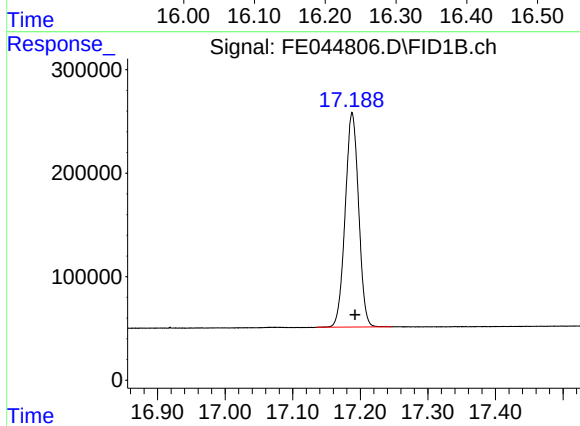
#14 n-Tetracosane (C24)

R.T.: 15.215 min
Delta R.T.: -0.004 min
Response: 3032205
Conc: 19.54 ug/ml



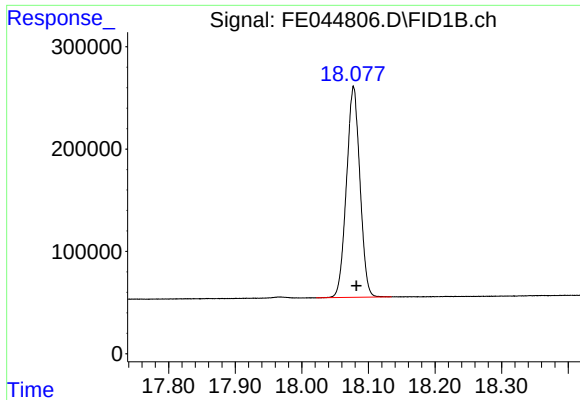
#15 n-Hexacosane (C26)

R.T.: 16.237 min
Delta R.T.: -0.003 min
Response: 2930325
Conc: 19.52 ug/ml



#16 n-Octacosane (C28)

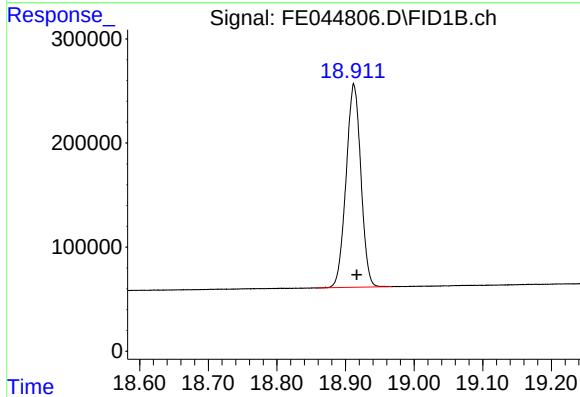
R.T.: 17.188 min
Delta R.T.: -0.005 min
Response: 2856605
Conc: 19.45 ug/ml



#17 n-Tricontane (C30)

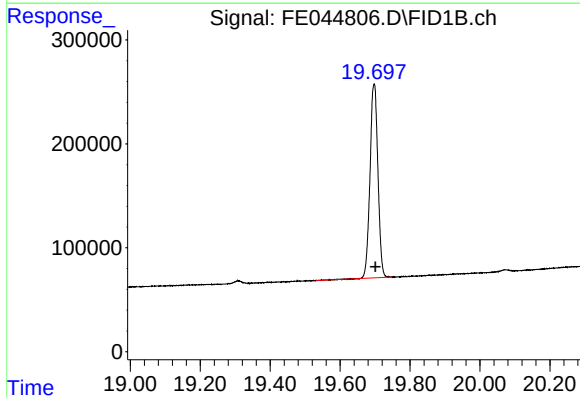
R.T.: 18.078 min
Delta R.T.: -0.004 min
Response: 2899037
Conc: 19.49 ug/ml

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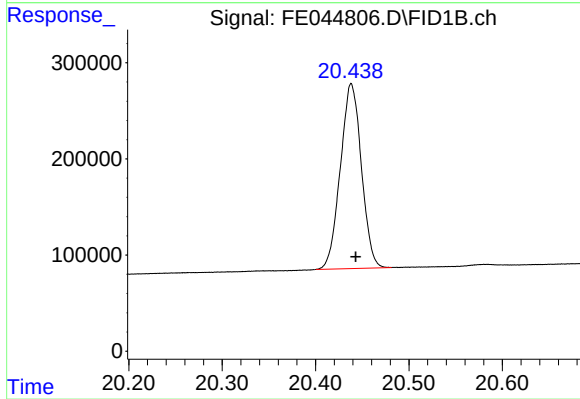
#18 n-Dotriacontane (C32)

R.T.: 18.912 min
Delta R.T.: -0.004 min
Response: 2921140
Conc: 19.46 ug/ml



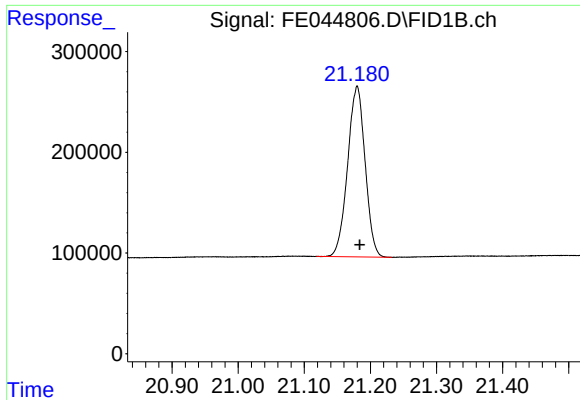
#19 n-Tetratriacontane (C34)

R.T.: 19.697 min
Delta R.T.: -0.004 min
Response: 2923665
Conc: 19.64 ug/ml



#20 n-Hexatriacontane (C36)

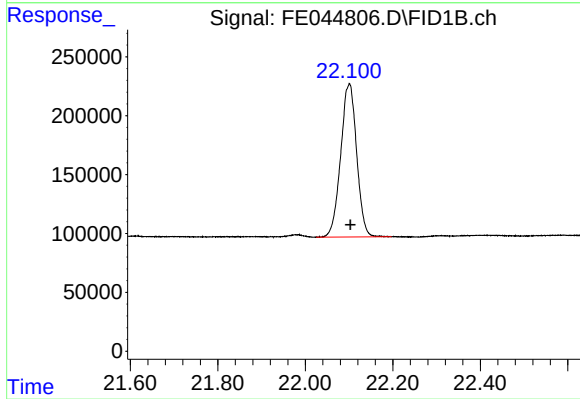
R.T.: 20.438 min
Delta R.T.: -0.005 min
Response: 3008025
Conc: 19.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.180 min
Delta R.T.: -0.004 min
Response: 3113835
Conc: 19.93 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.101 min
Delta R.T.: -0.002 min
Response: 3299824
Conc: 19.74 ug/ml