

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082922AL\
 Data File : FE037294.D
 Signal(s) : FID1B.ch
 Acq On : 29 Aug 2022 18:48
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Aug 30 06:49:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:44:56 2022
 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)	11.652	7923584	48.721 ug/ml
Spiked Amount 50.000		Recovery =	97.44%
12) S 1-chlorooctadecane (S...	13.074	6114448	48.578 ug/ml
Spiked Amount 50.000		Recovery =	97.16%
Target Compounds			
1) T n-Nonane (C9)	3.048	7367969	49.478 ug/ml
2) T n-Decane (C10)	4.304	7449758	49.516 ug/ml
3) T A~Naphthalene (C11.7)	6.016	7688368	50.168 ug/ml
4) T n-Dodecane (C12)	6.474	7573512	49.475 ug/ml
5) T A~2-methylnaphthalene...	7.109	7563111	50.371 ug/ml
6) T n-Tetradecane (C14)	9.894	7534362	49.254 ug/ml
7) T n-Hexadecane (C16)	9.894	7534362	49.254 ug/ml
8) T n-Octadecane (C18)	11.329	7512555	48.981 ug/ml
10) T n-Eicosane (C20)	12.632	7406974	48.682 ug/ml
11) T n-Heneicosane (C21)	13.240	7340121	48.481 ug/ml
13) T n-Docosane (C22)	13.823	7233847	48.328 ug/ml
14) T n-Tetracosane (C24)	14.919	6956532	48.048 ug/ml
15) T n-Hexacosane (C26)	15.935	6682301	47.854 ug/ml
16) T n-Octacosane (C28)	16.878	6390484	47.902 ug/ml
17) T n-Tricontane (C30)	17.760	6278714	48.149 ug/ml
18) T n-Dotriacontane (C32)	18.588	6185428	48.501 ug/ml
19) T n-Tetratriacontane (C34)	19.367	5954477	49.053 ug/ml
20) T n-Hexatriacontane (C36)	20.102	6028115	49.221 ug/ml
21) T n-Octatriacontane (C38)	20.801	5945329	49.426 ug/ml
22) T n-Tetracontane (C40)	21.585	6043848	49.427 ug/ml

(f)=RT Delta > 1/2 Window

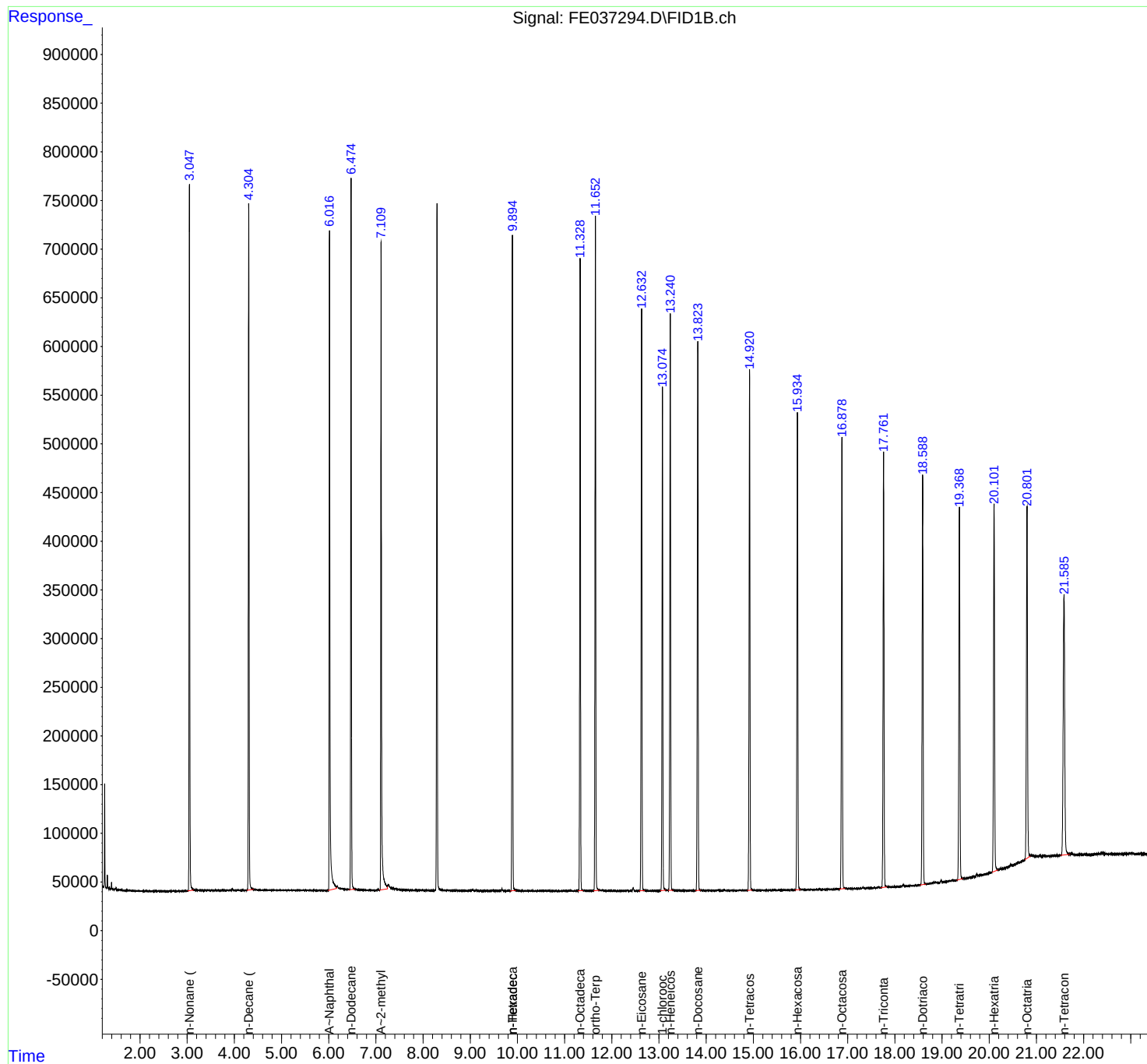
(m)=manual int.

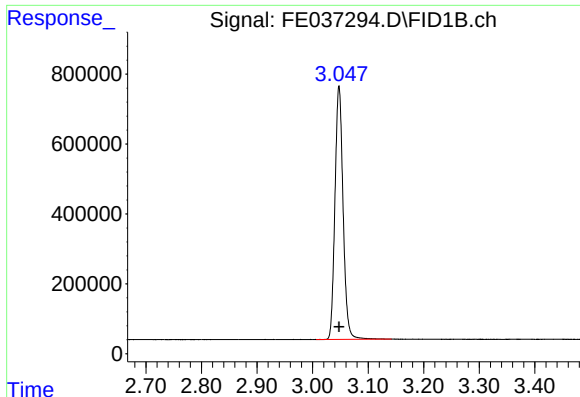
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082922AL\
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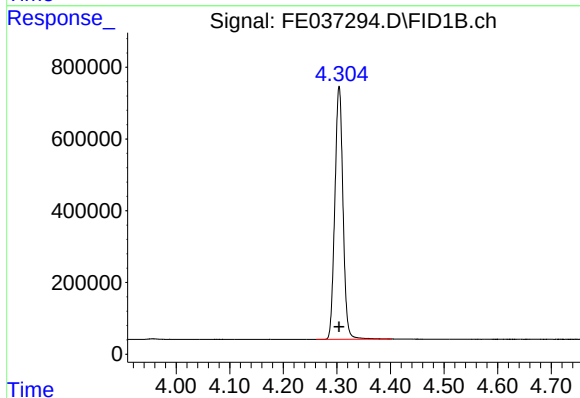




#1 n-Nonane (C9)

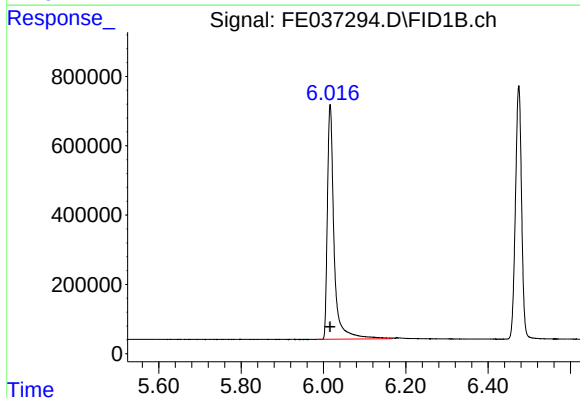
R.T.: 3.048 min
Delta R.T.: 0.000 min
Response: 7367969
Conc: 49.48 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



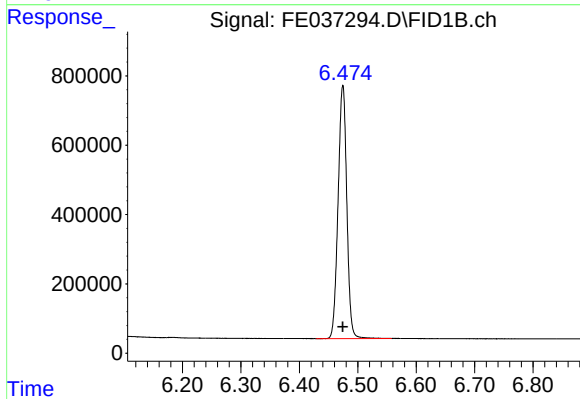
#2 n-Decane (C10)

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 7449758
Conc: 49.52 ug/ml



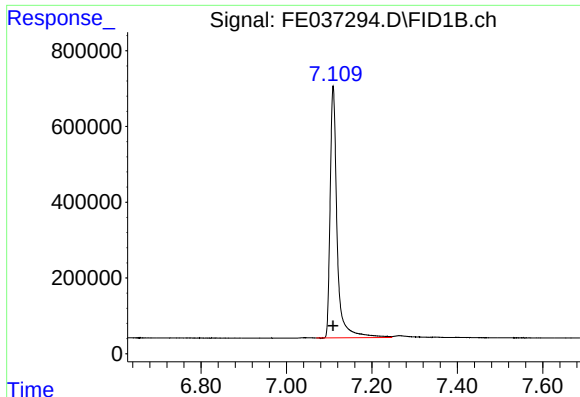
#3 A~Naphthalene (C11.7)

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 7688368
Conc: 50.17 ug/ml



#4 n-Dodecane (C12)

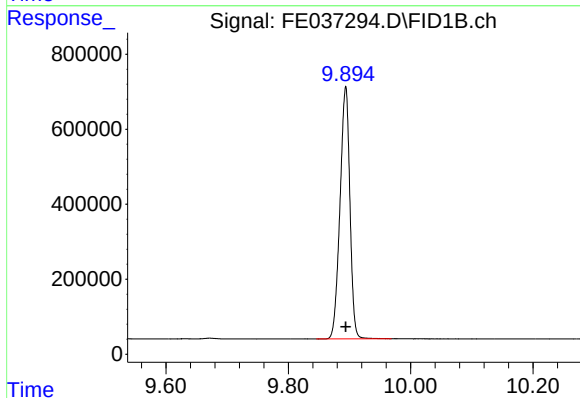
R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 7573512
Conc: 49.47 ug/ml



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

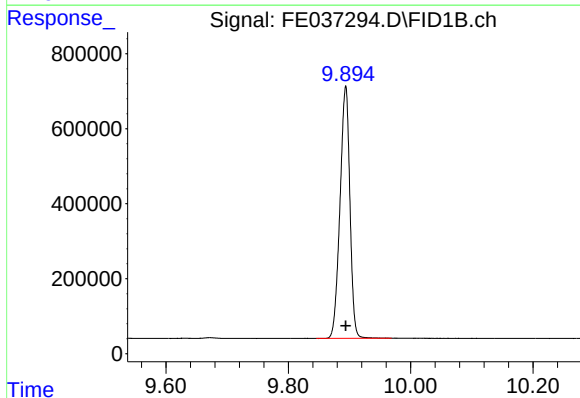
R.T.: 7.109 min
Delta R.T.: 0.000 min
Response: 7563111
Conc: 50.37 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



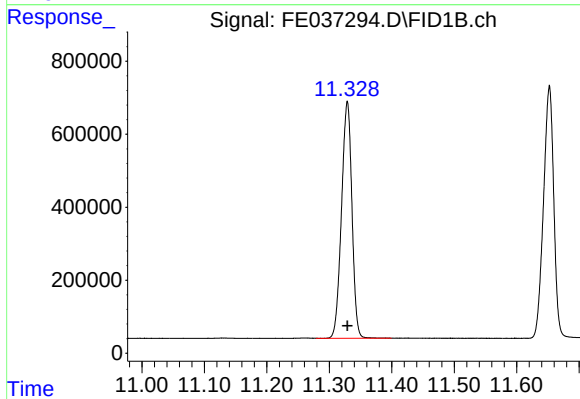
#6 n-Tetradecane (C14)

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 7534362
Conc: 49.25 ug/ml



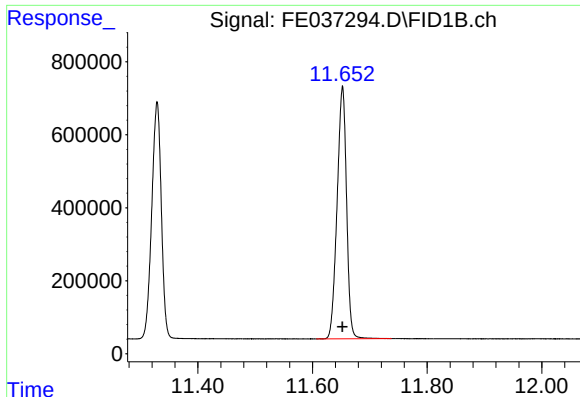
#7 n-Hexadecane (C16)

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 7534362
Conc: 49.25 ug/ml



#8 n-Octadecane (C18)

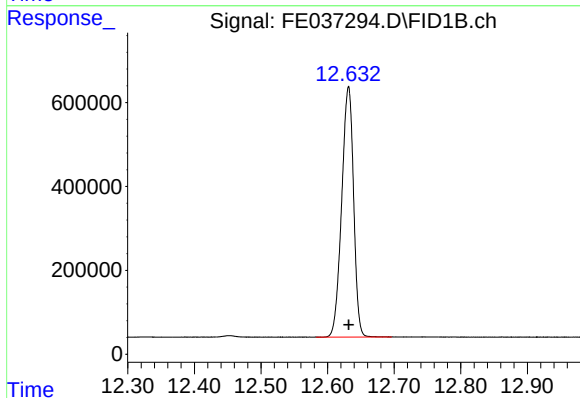
R.T.: 11.329 min
Delta R.T.: 0.000 min
Response: 7512555
Conc: 48.98 ug/ml



#9 ortho-Terphenyl (SURR)

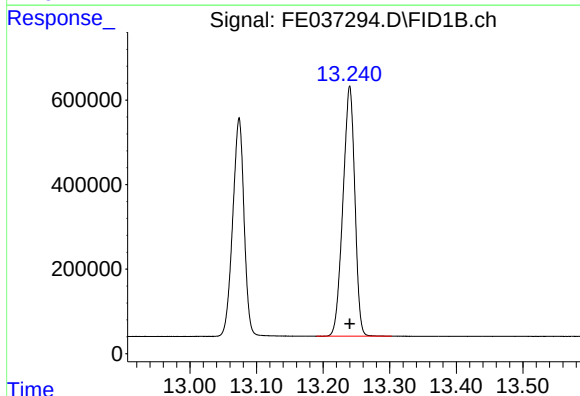
R.T.: 11.652 min
Delta R.T.: 0.000 min
Response: 7923584
Conc: 48.72 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



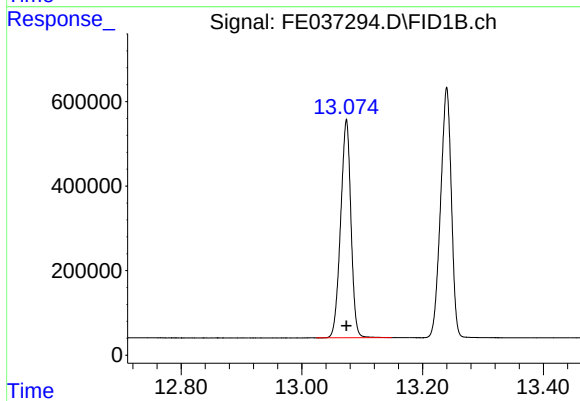
#10 n-Eicosane (C20)

R.T.: 12.632 min
Delta R.T.: 0.000 min
Response: 7406974
Conc: 48.68 ug/ml



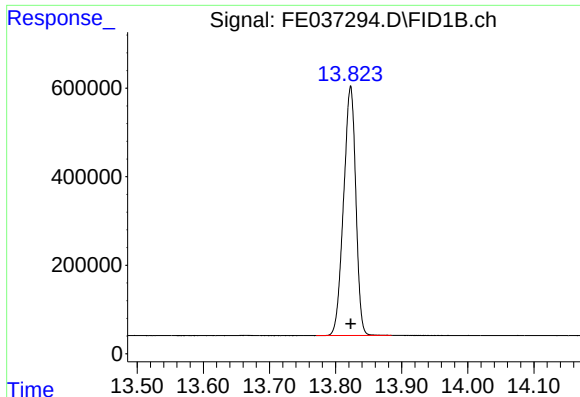
#11 n-Heneicosane (C21)

R.T.: 13.240 min
Delta R.T.: 0.000 min
Response: 7340121
Conc: 48.48 ug/ml



#12 1-chlorooctadecane (SURR)

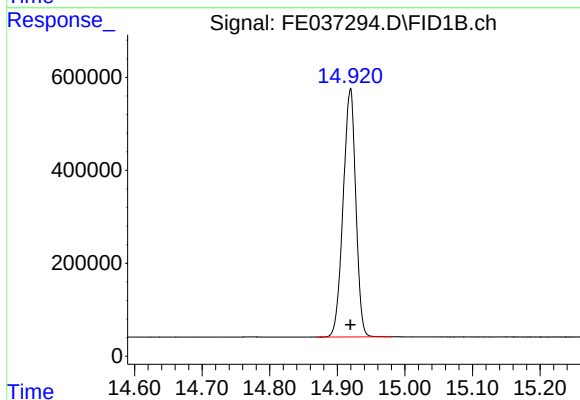
R.T.: 13.074 min
Delta R.T.: 0.000 min
Response: 6114448
Conc: 48.58 ug/ml



#13 n-Docosane (C22)

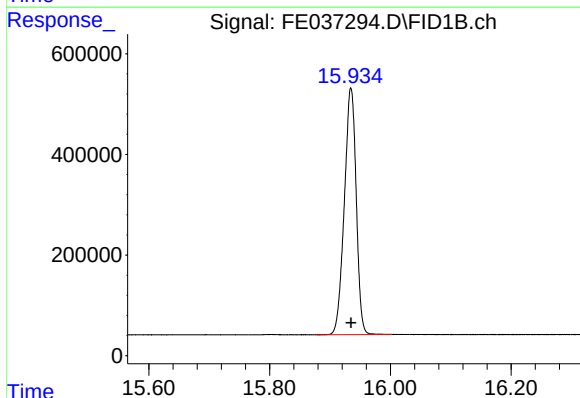
R.T.: 13.823 min
Delta R.T.: 0.000 min
Response: 7233847
Conc: 48.33 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



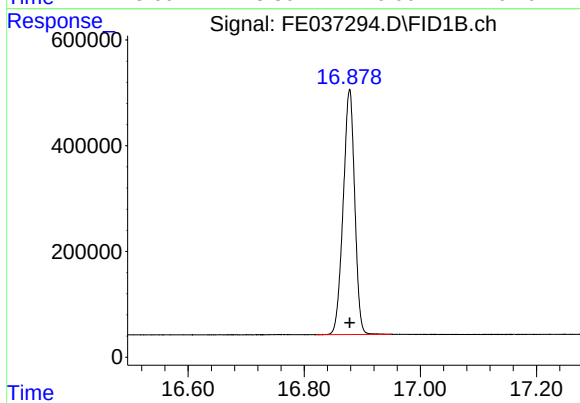
#14 n-Tetracosane (C24)

R.T.: 14.919 min
Delta R.T.: 0.000 min
Response: 6956532
Conc: 48.05 ug/ml



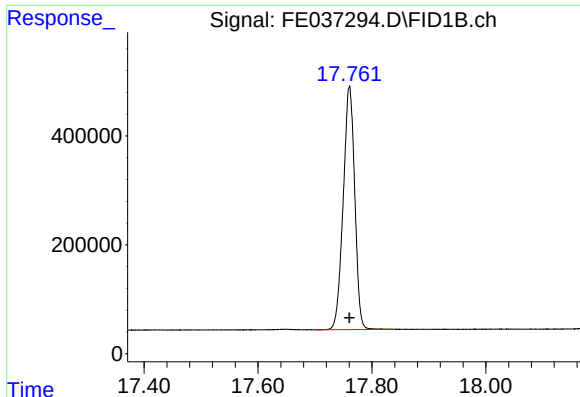
#15 n-Hexacosane (C26)

R.T.: 15.935 min
Delta R.T.: 0.000 min
Response: 6682301
Conc: 47.85 ug/ml



#16 n-Octacosane (C28)

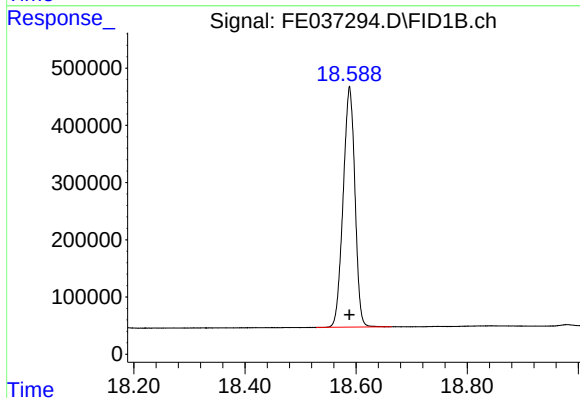
R.T.: 16.878 min
Delta R.T.: 0.000 min
Response: 6390484
Conc: 47.90 ug/ml



#17 n-Tricontane (C30)

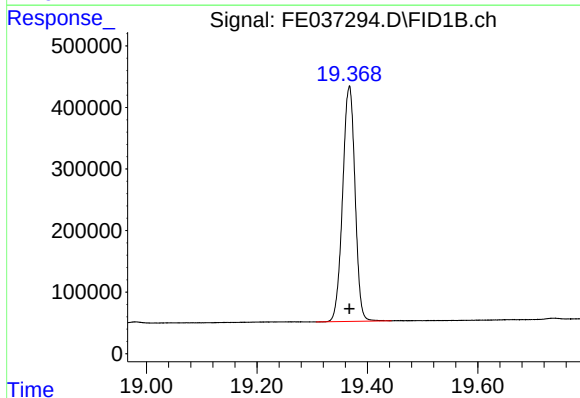
R.T.: 17.760 min
Delta R.T.: 0.000 min
Response: 6278714
Conc: 48.15 ug/ml

Instrument :
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50 PPM ALIPHATIC HC STD2



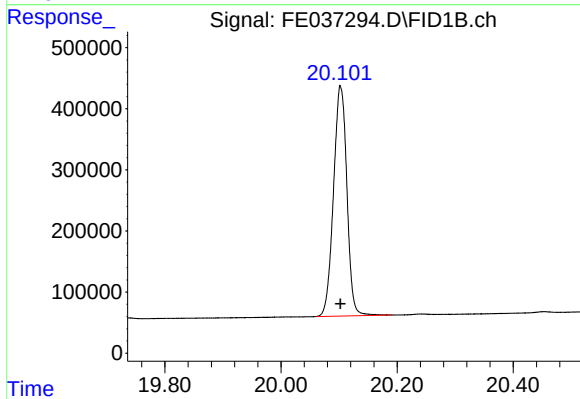
#18 n-Dotriacontane (C32)

R.T.: 18.588 min
Delta R.T.: 0.000 min
Response: 6185428
Conc: 48.50 ug/ml



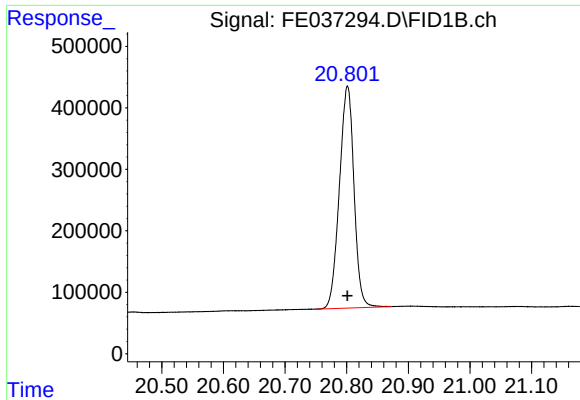
#19 n-Tetratriacontane (C34)

R.T.: 19.367 min
Delta R.T.: 0.000 min
Response: 5954477
Conc: 49.05 ug/ml



#20 n-Hexatriacontane (C36)

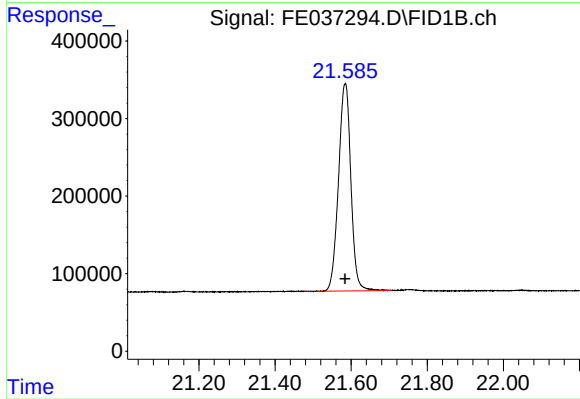
R.T.: 20.102 min
Delta R.T.: 0.000 min
Response: 6028115
Conc: 49.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.801 min
Delta R.T.: 0.000 min
Response: 5945329
Conc: 49.43 ug/ml

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FID_E
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50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.585 min
Delta R.T.: 0.000 min
Response: 6043848
Conc: 49.43 ug/ml