

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061024AL\
 Data File : FE048622.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jun 2024 12:23
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 10 23:27:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 2024
 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)	11.944	2949090	20.537 ug/ml
Spiked Amount 50.000		Recovery =	41.07%
12) S 1-chlorooctadecane (S...	13.378	2199783	20.192 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
Target Compounds			
1) T n-Nonane (C9)	3.331	2897218	19.379 ug/ml
2) T n-Decane (C10)	4.580	3022445	20.016 ug/ml
3) T A~Naphthalene (C11.7)	6.286	2989075	20.075 ug/ml
4) T n-Dodecane (C12)	6.746	2987625	20.183 ug/ml
5) T A~2-methylnaphthalene...	7.383	2820551	20.342 ug/ml
6) T n-Tetradecane (C14)	8.574	2886238	20.349 ug/ml
7) T n-Hexadecane (C16)	10.182	2912922	20.662 ug/ml
8) T n-Octadecane (C18)	11.625	2870592	20.669 ug/ml
10) T n-Eicosane (C20)	12.934	2722196	20.570 ug/ml
11) T n-Heneicosane (C21)	13.545	2647511	20.439 ug/ml
13) T n-Docosane (C22)	14.131	2660360	20.645 ug/ml
14) T n-Tetracosane (C24)	15.233	2768025	21.367 ug/ml
15) T n-Hexacosane (C26)	16.253	2810494	21.685 ug/ml
16) T n-Octacosane (C28)	17.203	2931487	22.680 ug/ml
17) T n-Tricontane (C30)	18.090	3213625	23.989 ug/ml
18) T n-Dotriacontane (C32)	18.922	3310848	24.391 ug/ml
19) T n-Tetratriacontane (C34)	19.705	3147334	23.007 ug/ml
20) T n-Hexatriacontane (C36)	20.445	2988376	21.984 ug/ml
21) T n-Octatriacontane (C38)	21.181	2835177	20.790 ug/ml
22) T n-Tetracontane (C40)	22.099	2682551	19.592 ug/ml

(f)=RT Delta > 1/2 Window

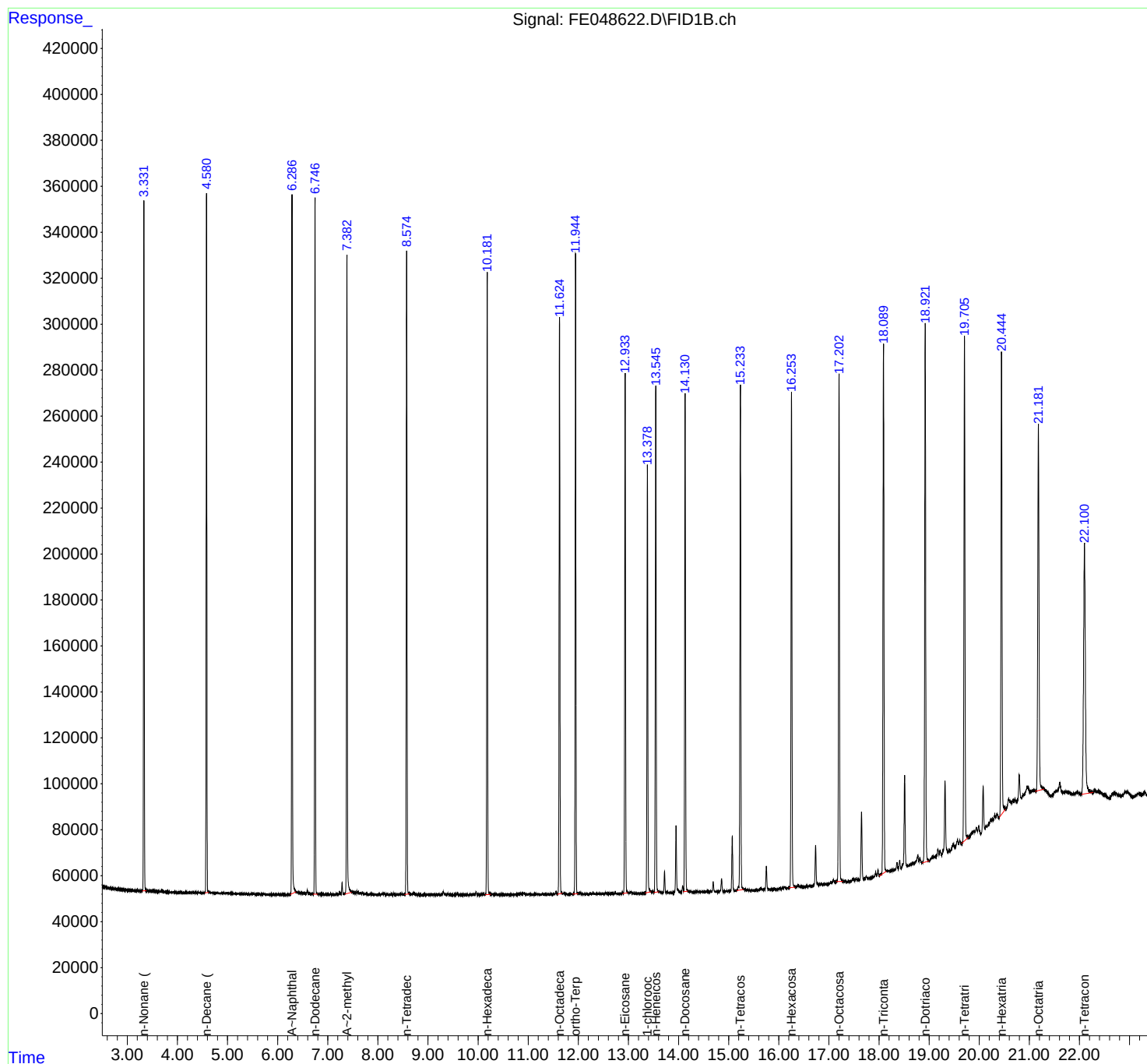
(m)=manual int.

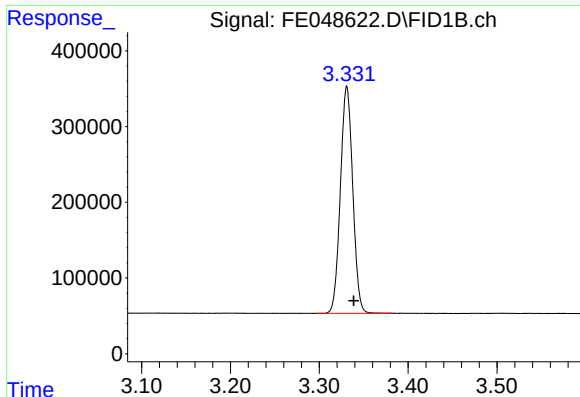
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061024AL\
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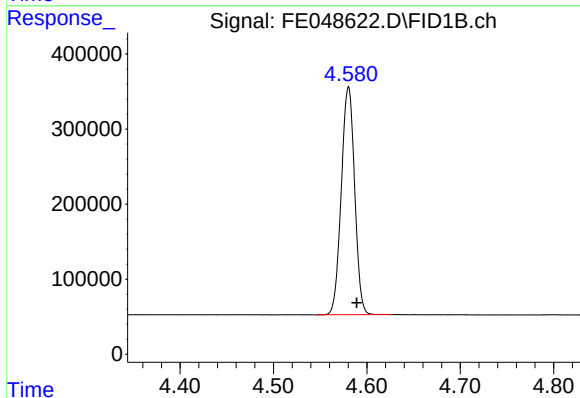




#1 n-Nonane (C9)

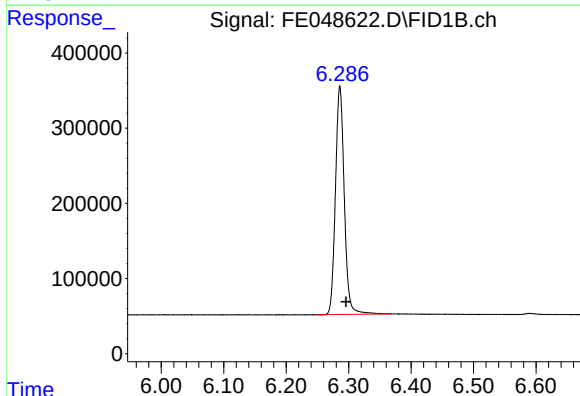
R.T.: 3.331 min
Delta R.T.: -0.008 min
Response: 2897218
Conc: 19.38 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



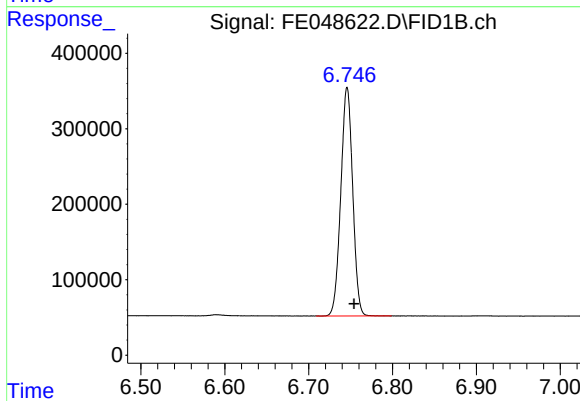
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: -0.009 min
Response: 3022445
Conc: 20.02 ug/ml



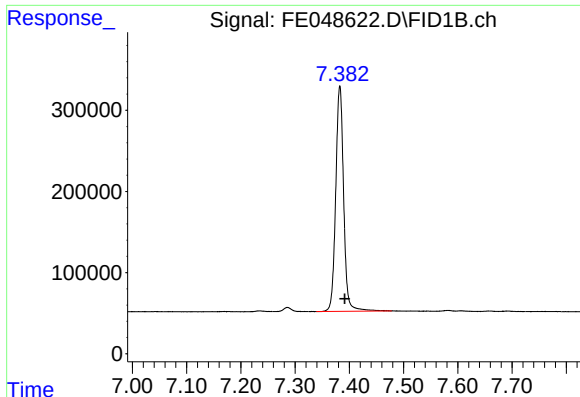
#3 A~Naphthalene (C11.7)

R.T.: 6.286 min
Delta R.T.: -0.010 min
Response: 2989075
Conc: 20.07 ug/ml



#4 n-Dodecane (C12)

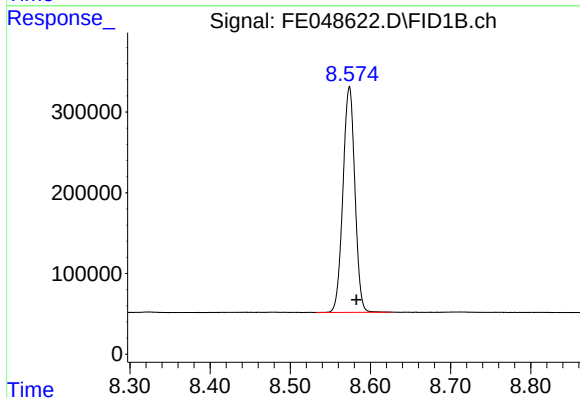
R.T.: 6.746 min
Delta R.T.: -0.008 min
Response: 2987625
Conc: 20.18 ug/ml



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

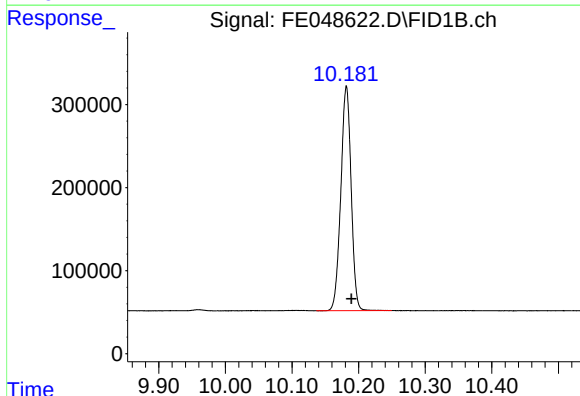
R.T.: 7.383 min
Delta R.T.: -0.009 min
Response: 2820551
Conc: 20.34 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



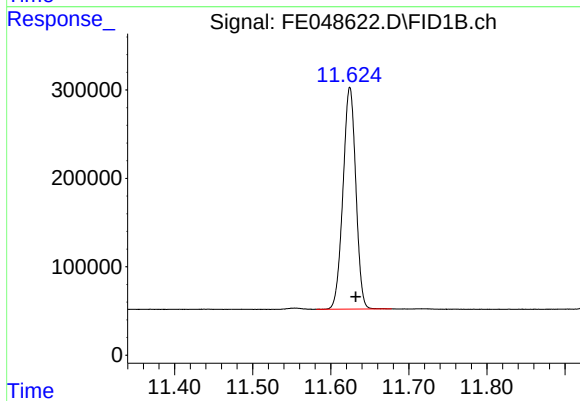
#6 n-Tetradecane (C14)

R.T.: 8.574 min
Delta R.T.: -0.008 min
Response: 2886238
Conc: 20.35 ug/ml



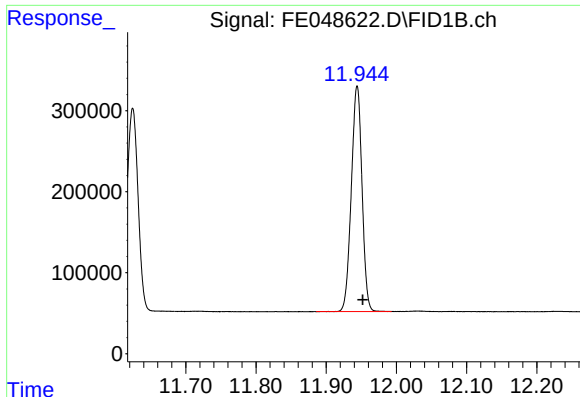
#7 n-Hexadecane (C16)

R.T.: 10.182 min
Delta R.T.: -0.007 min
Response: 2912922
Conc: 20.66 ug/ml



#8 n-Octadecane (C18)

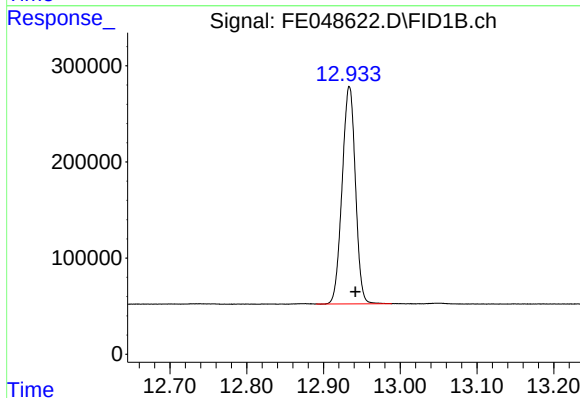
R.T.: 11.625 min
Delta R.T.: -0.007 min
Response: 2870592
Conc: 20.67 ug/ml



#9 ortho-Terphenyl (SURR)

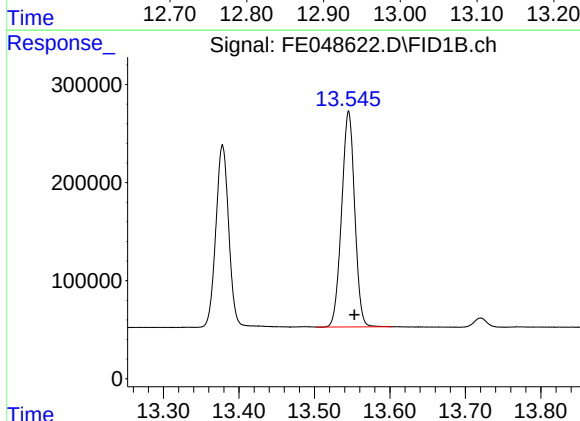
R.T.: 11.944 min
Delta R.T.: -0.008 min
Response: 2949090
Conc: 20.54 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



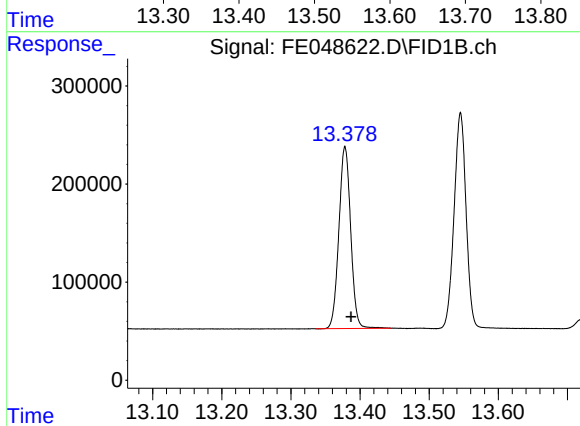
#10 n-Eicosane (C20)

R.T.: 12.934 min
Delta R.T.: -0.008 min
Response: 2722196
Conc: 20.57 ug/ml



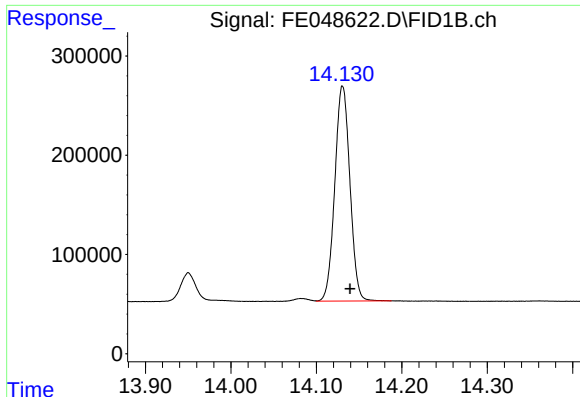
#11 n-Heneicosane (C21)

R.T.: 13.545 min
Delta R.T.: -0.007 min
Response: 2647511
Conc: 20.44 ug/ml



#12 1-chlorooctadecane (SURR)

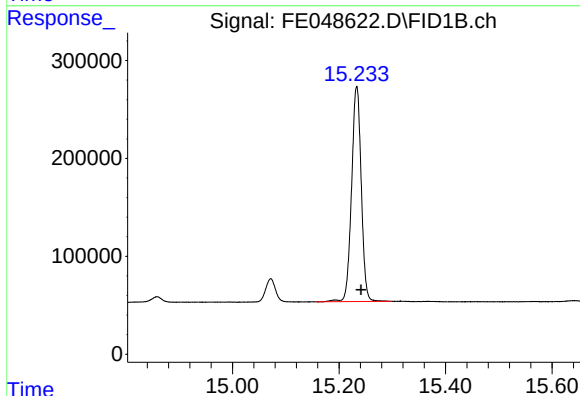
R.T.: 13.378 min
Delta R.T.: -0.009 min
Response: 2199783
Conc: 20.19 ug/ml



#13 n-Docosane (C22)

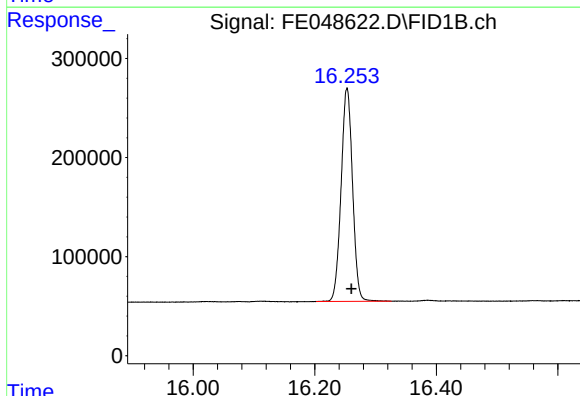
R.T.: 14.131 min
Delta R.T.: -0.009 min
Response: 2660360
Conc: 20.64 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



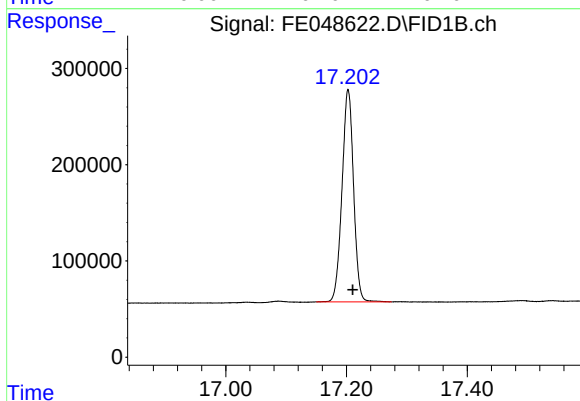
#14 n-Tetracosane (C24)

R.T.: 15.233 min
Delta R.T.: -0.008 min
Response: 2768025
Conc: 21.37 ug/ml



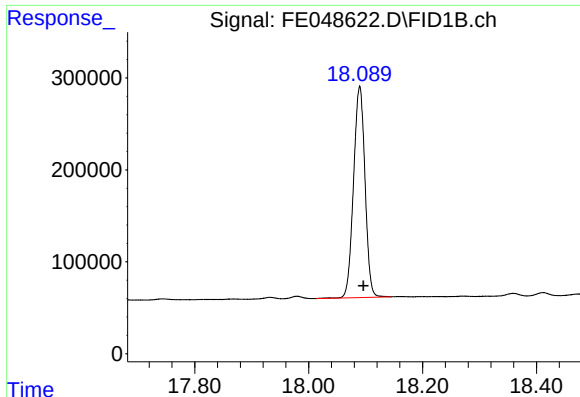
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: -0.007 min
Response: 2810494
Conc: 21.68 ug/ml



#16 n-Octacosane (C28)

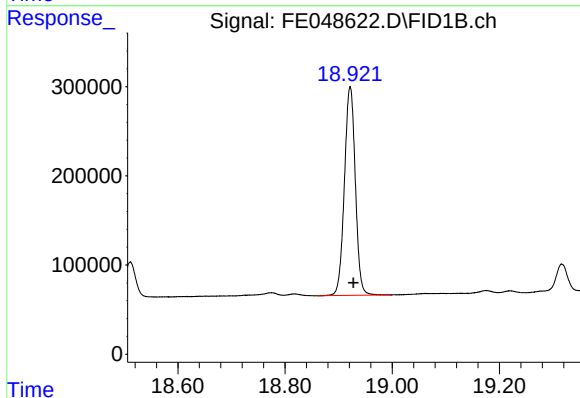
R.T.: 17.203 min
Delta R.T.: -0.008 min
Response: 2931487
Conc: 22.68 ug/ml



#17 n-Tricontane (C30)

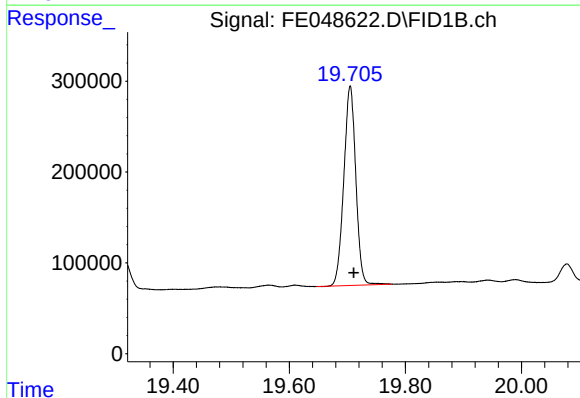
R.T.: 18.090 min
Delta R.T.: -0.007 min
Response: 3213625
Conc: 23.99 ug/ml

Instrument :
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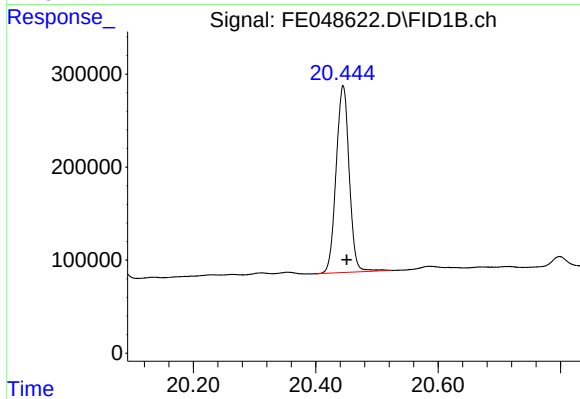
#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: -0.006 min
Response: 3310848
Conc: 24.39 ug/ml



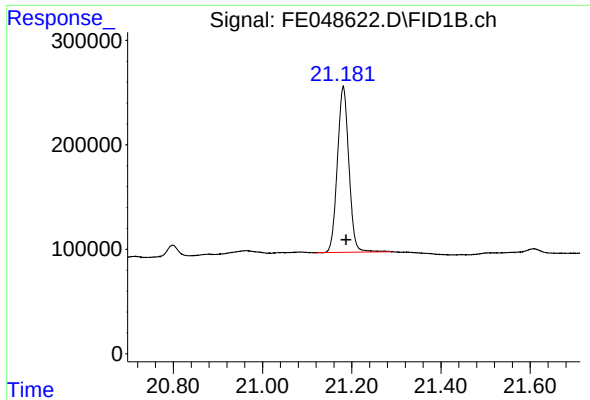
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: -0.006 min
Response: 3147334
Conc: 23.01 ug/ml



#20 n-Hexatriacontane (C36)

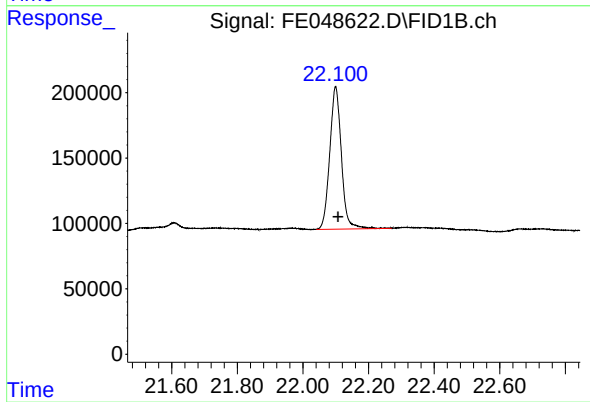
R.T.: 20.445 min
Delta R.T.: -0.006 min
Response: 2988376
Conc: 21.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.181 min
Delta R.T.: -0.007 min
Response: 2835177
Conc: 20.79 ug/ml

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ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.099 min
Delta R.T.: -0.008 min
Response: 2682551
Conc: 19.59 ug/ml