

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121222AL\
 Data File : FE039271.D
 Signal(s) : FID1B.ch
 Acq On : 13 Dec 2022 06:33
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 13 10:02:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 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)	11.939	3653459	23.354 ug/ml
Spiked Amount 50.000		Recovery =	46.71%
12) S 1-chlorooctadecane (S...	13.374	2773794	22.973 ug/ml
Spiked Amount 50.000		Recovery =	45.95%
Target Compounds			
1) T n-Nonane (C9)	3.335	3109449	21.937 ug/ml
2) T n-Decane (C10)	4.584	3093580	22.196 ug/ml
3) T A~Naphthalene (C11.7)	6.287	3546108	22.295 ug/ml
4) T n-Dodecane (C12)	6.747	3141093	22.284 ug/ml
5) T A~2-methylnaphthalene...	7.381	3338433	22.306 ug/ml
6) T n-Tetradecane (C14)	8.572	3211966	22.489 ug/ml
7) T n-Hexadecane (C16)	10.179	3338520	22.834 ug/ml
8) T n-Octadecane (C18)	11.621	3410935	23.180 ug/ml
10) T n-Eicosane (C20)	12.929	3336501	23.503 ug/ml
11) T n-Heneicosane (C21)	13.541	3336242	23.478 ug/mlm
13) T n-Docosane (C22)	14.127	3299173	23.601 ug/ml
14) T n-Tetracosane (C24)	15.230	3269175	23.672 ug/ml
15) T n-Hexacosane (C26)	16.250	3144251	23.410 ug/ml
16) T n-Octacosane (C28)	17.201	3129794	23.568 ug/ml
17) T n-Tricontane (C30)	18.089	3132489	23.720 ug/ml
18) T n-Dotriacontane (C32)	18.921	3154102	23.650 ug/ml
19) T n-Tetratriacontane (C34)	19.705	3016157	22.794 ug/ml
20) T n-Hexatriacontane (C36)	20.445	2764153	21.516 ug/ml
21) T n-Octatriacontane (C38)	21.185	2938869	22.428 ug/mlm
22) T n-Tetracontane (C40)	22.100	2523449	18.532 ug/ml

(f)=RT Delta > 1/2 Window

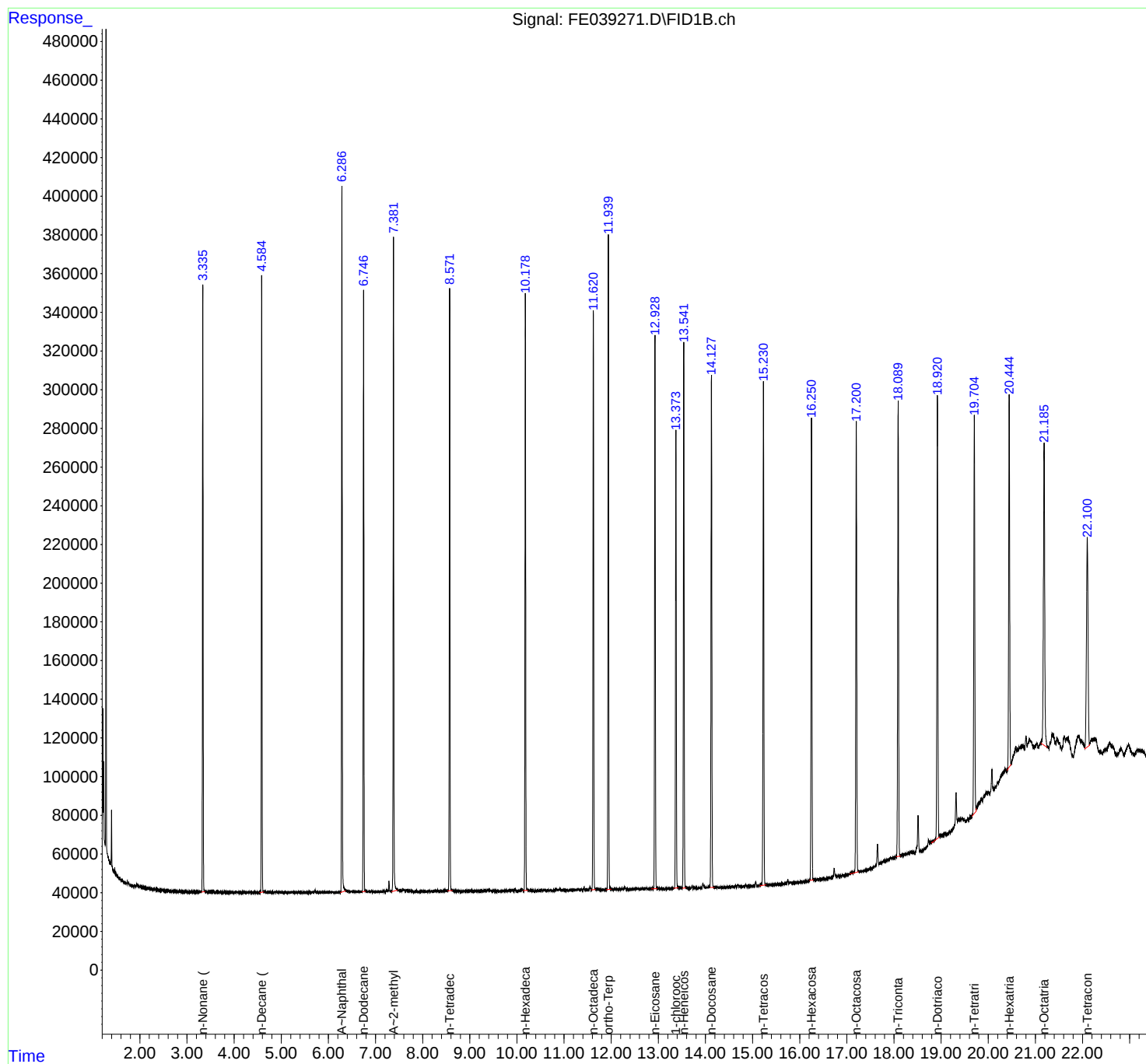
(m)=manual int.

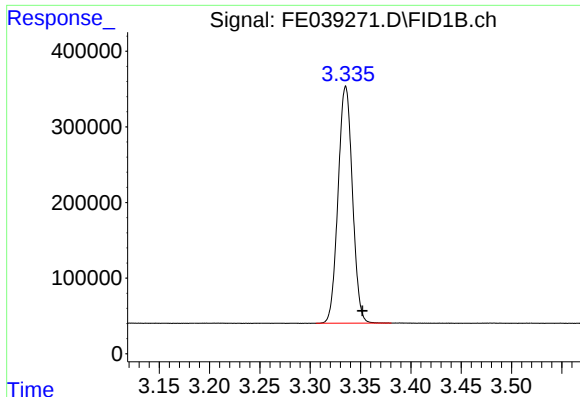
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121222AL\
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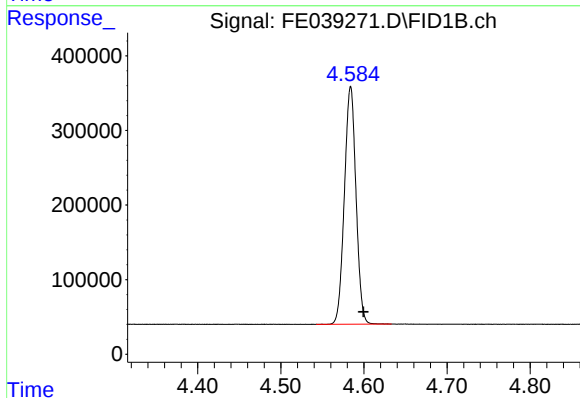




#1 n-Nonane (C9)

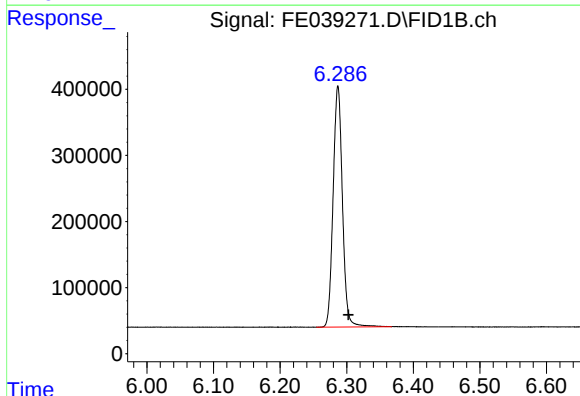
R.T.: 3.335 min
Delta R.T.: -0.017 min
Response: 3109449
Conc: 21.94 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



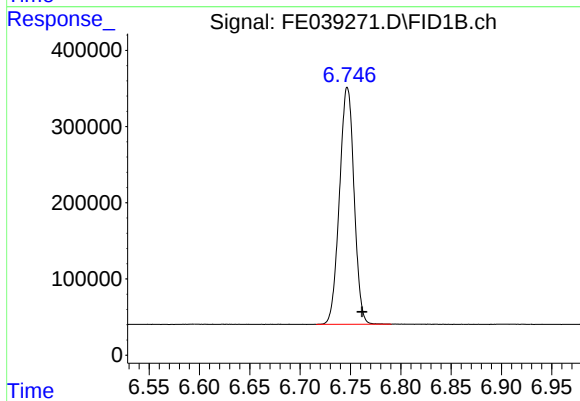
#2 n-Decane (C10)

R.T.: 4.584 min
Delta R.T.: -0.015 min
Response: 3093580
Conc: 22.20 ug/ml



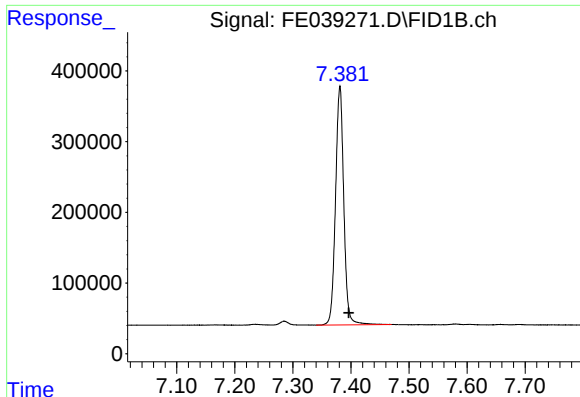
#3 A~Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: -0.015 min
Response: 3546108
Conc: 22.30 ug/ml



#4 n-Dodecane (C12)

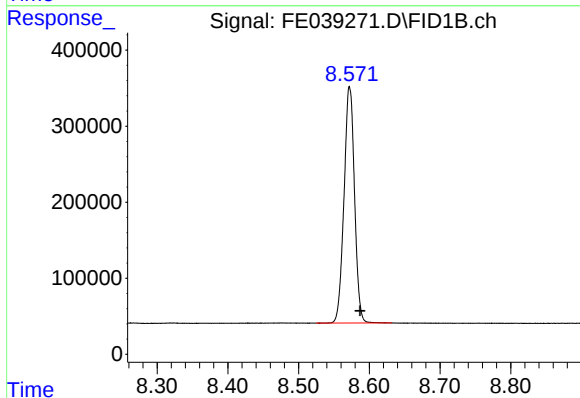
R.T.: 6.747 min
Delta R.T.: -0.014 min
Response: 3141093
Conc: 22.28 ug/ml



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

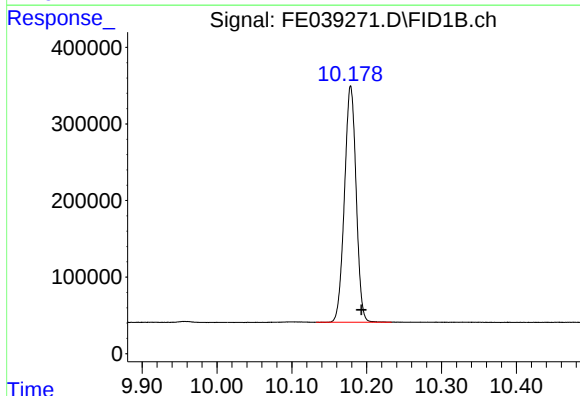
R.T.: 7.381 min
Delta R.T.: -0.015 min
Response: 3338433
Conc: 22.31 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



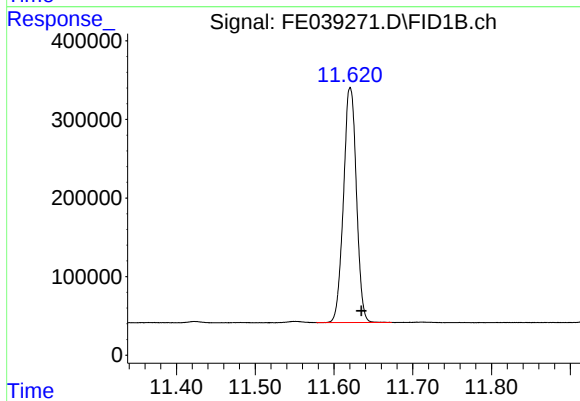
#6 n-Tetradecane (C14)

R.T.: 8.572 min
Delta R.T.: -0.015 min
Response: 3211966
Conc: 22.49 ug/ml



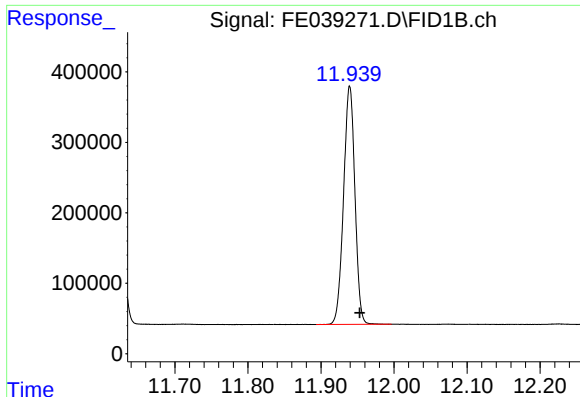
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: -0.014 min
Response: 3338520
Conc: 22.83 ug/ml



#8 n-Octadecane (C18)

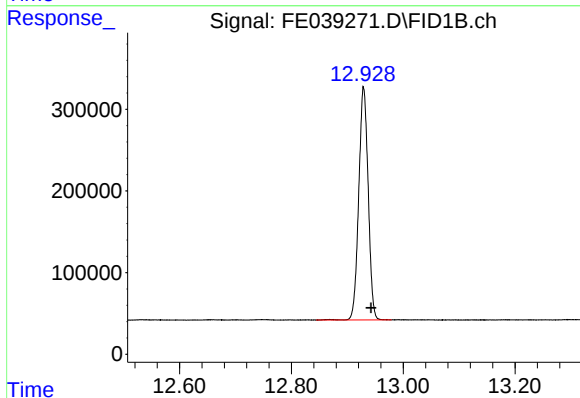
R.T.: 11.621 min
Delta R.T.: -0.014 min
Response: 3410935
Conc: 23.18 ug/ml



#9 ortho-Terphenyl (SURR)

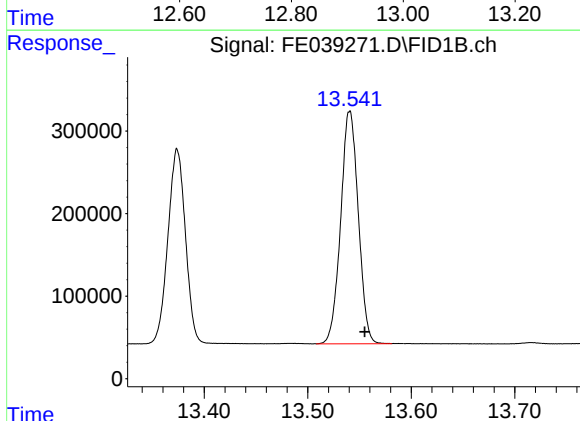
R.T.: 11.939 min
Delta R.T.: -0.014 min
Response: 3653459
Conc: 23.35 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



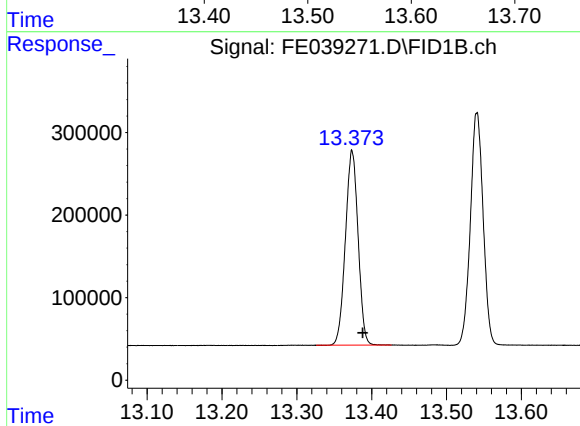
#10 n-Eicosane (C20)

R.T.: 12.929 min
Delta R.T.: -0.014 min
Response: 3336501
Conc: 23.50 ug/ml



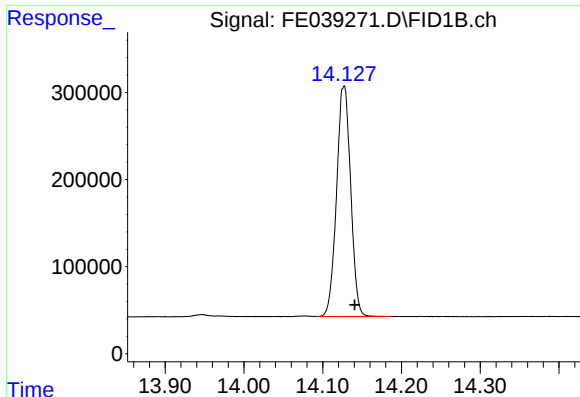
#11 n-Heneicosane (C21)

R.T.: 13.541 min
Delta R.T.: -0.014 min
Response: 3336242
Conc: 23.48 ug/ml m



#12 1-chlorooctadecane (SURR)

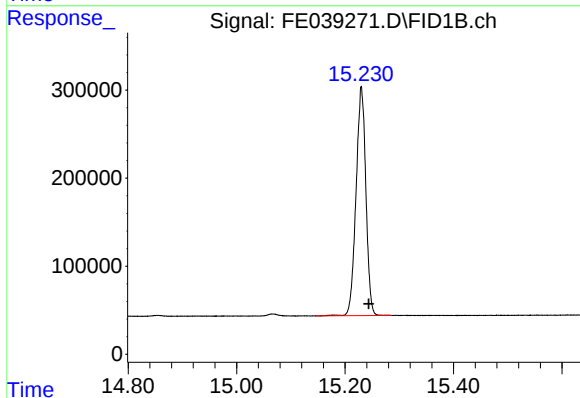
R.T.: 13.374 min
Delta R.T.: -0.014 min
Response: 2773794
Conc: 22.97 ug/ml



#13 n-Docosane (C22)

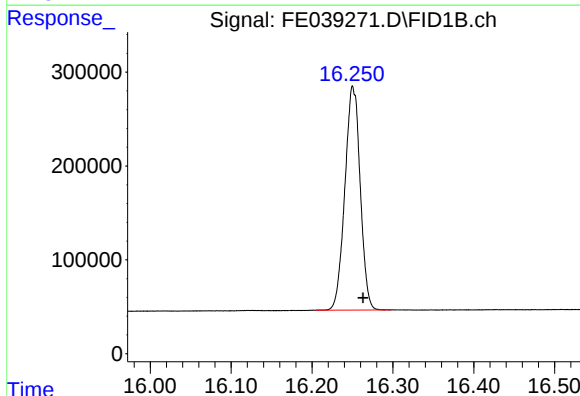
R.T.: 14.127 min
Delta R.T.: -0.014 min
Response: 3299173
Conc: 23.60 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



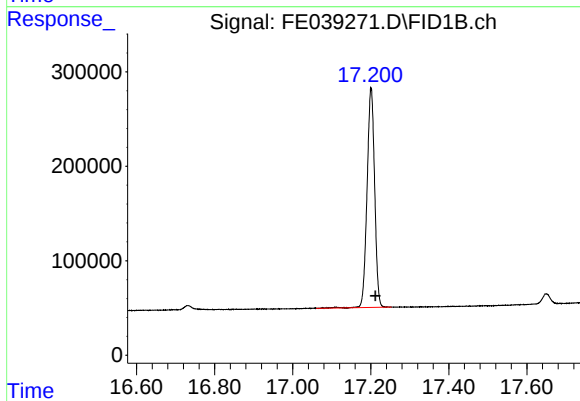
#14 n-Tetracosane (C24)

R.T.: 15.230 min
Delta R.T.: -0.013 min
Response: 3269175
Conc: 23.67 ug/ml



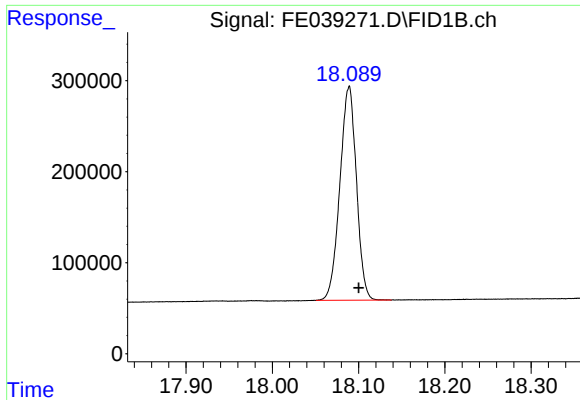
#15 n-Hexacosane (C26)

R.T.: 16.250 min
Delta R.T.: -0.013 min
Response: 3144251
Conc: 23.41 ug/ml



#16 n-Octacosane (C28)

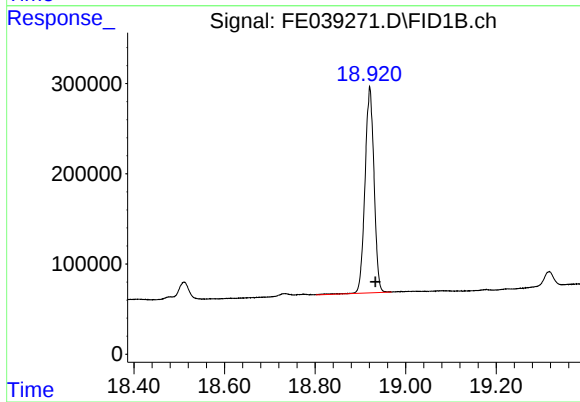
R.T.: 17.201 min
Delta R.T.: -0.011 min
Response: 3129794
Conc: 23.57 ug/ml



#17 n-Tricontane (C30)

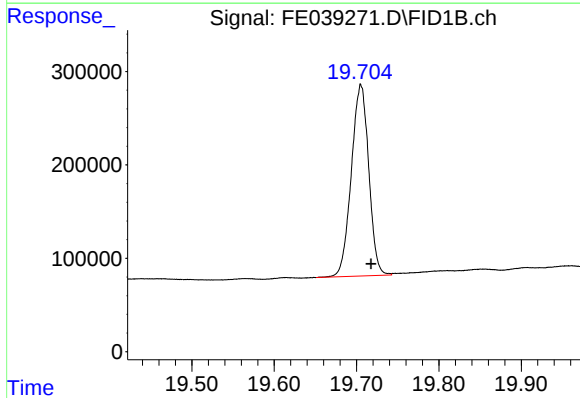
R.T.: 18.089 min
Delta R.T.: -0.011 min
Response: 3132489
Conc: 23.72 ug/ml

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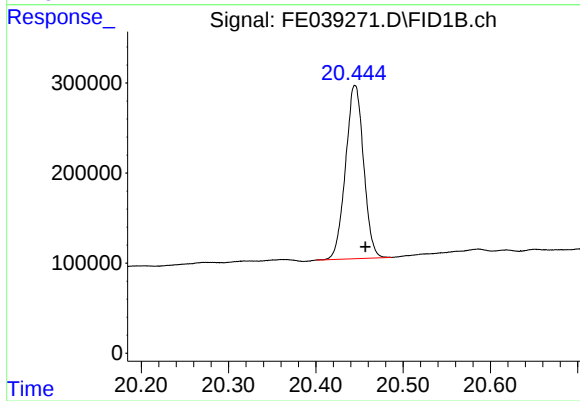
#18 n-Dotriacontane (C32)

R.T.: 18.921 min
Delta R.T.: -0.012 min
Response: 3154102
Conc: 23.65 ug/ml



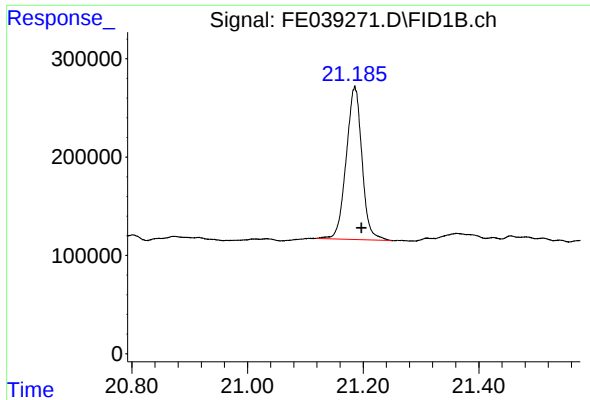
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: -0.012 min
Response: 3016157
Conc: 22.79 ug/ml



#20 n-Hexatriacontane (C36)

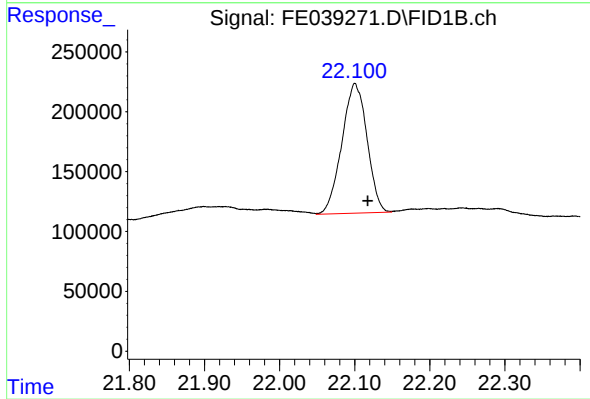
R.T.: 20.445 min
Delta R.T.: -0.012 min
Response: 2764153
Conc: 21.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.185 min
Delta R.T.: -0.012 min
Response: 2938869
Conc: 22.43 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.100 min
Delta R.T.: -0.017 min
Response: 2523449
Conc: 18.53 ug/ml