

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF041825AL\
 Data File : FF015777.D
 Signal(s) : FID2B.ch
 Acq On : 17 Apr 2025 16:26
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Apr 21 02:41:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 041825.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 21 02:35:38 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)	11.933	6618540	45.829 ug/ml
Spiked Amount 50.000		Recovery =	91.66%
12) S 1-chlorooctadecane (S...	13.366	4890642	46.679 ug/ml
Spiked Amount 50.000		Recovery =	93.36%
Target Compounds			
1) T n-Nonane (C9)	3.305	5084242	46.069 ug/ml
2) T n-Decane (C10)	4.562	5132298	46.196 ug/ml
3) T A~Naphthalene (C11.7)	6.274	5385652	49.142 ug/ml
4) T n-Dodecane (C12)	6.729	5223947	45.989 ug/ml
5) T A~2-methylnaphthalene...	7.370	4845452	48.087 ug/ml
6) T n-Tetradecane (C14)	8.556	5183432	46.107 ug/ml
7) T n-Hexadecane (C16)	10.164	5215523	46.290 ug/ml
8) T n-Octadecane (C18)	11.608	5286608	46.066 ug/ml
10) T n-Eicosane (C20)	12.918	5271375	45.749 ug/ml
11) T n-Heneicosane (C21)	13.531	5271159	45.672 ug/ml
13) T n-Docosane (C22)	14.117	5239169	45.701 ug/ml
14) T n-Tetracosane (C24)	15.222	5235954	45.344 ug/ml
15) T n-Hexacosane (C26)	16.244	5111121	45.785 ug/ml
16) T n-Octacosane (C28)	17.195	4999012	45.387 ug/ml
17) T n-Tricontane (C30)	18.084	4990333	45.149 ug/ml
18) T n-Dotriacontane (C32)	18.917	5015783	44.847 ug/ml
19) T n-Tetratriacontane (C34)	19.701	4826655	45.869 ug/ml
20) T n-Hexatriacontane (C36)	20.442	4898631	46.459 ug/ml
21) T n-Octatriacontane (C38)	21.178	4547549	47.021 ug/ml
22) T n-Tetracontane (C40)	22.091	4614824	48.299 ug/ml

(f)=RT Delta > 1/2 Window

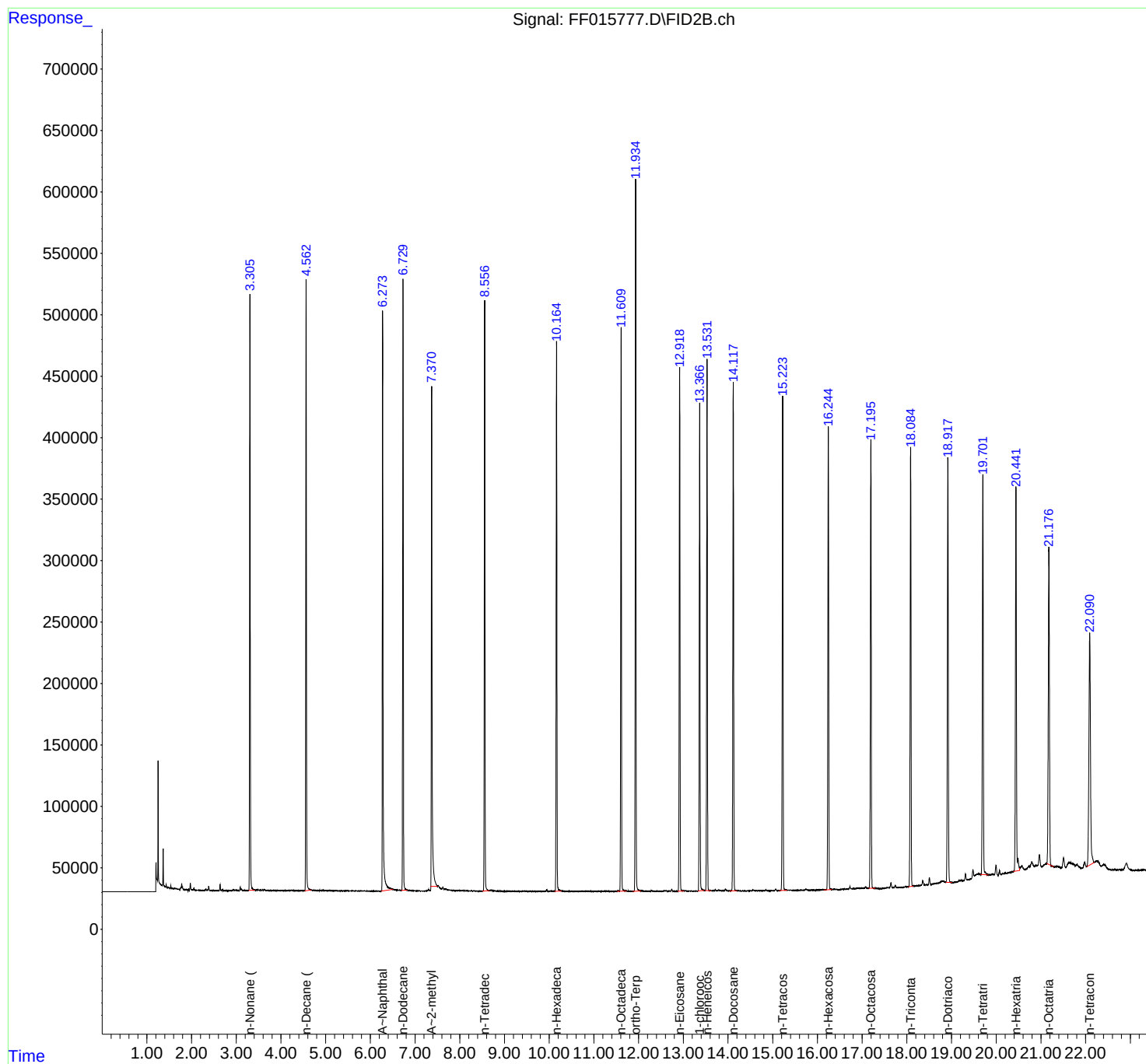
(m)=manual int.

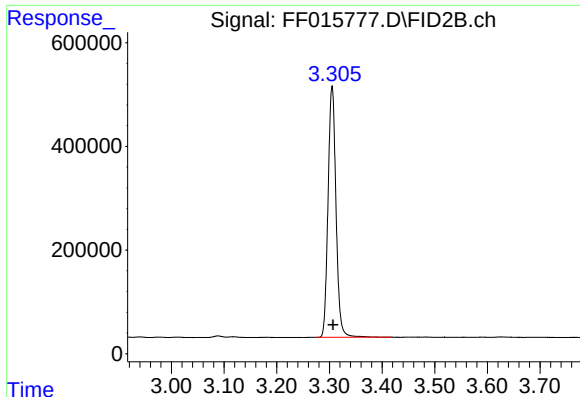
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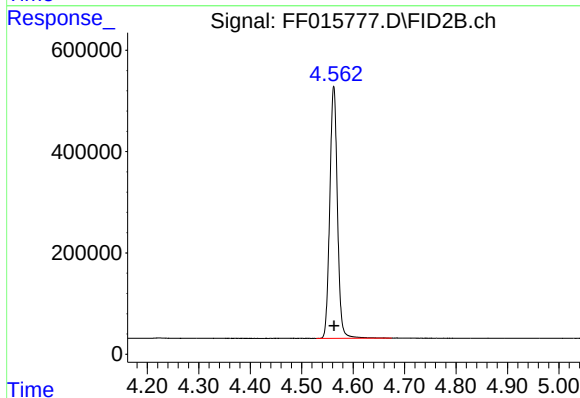




#1 n-Nonane (C9)

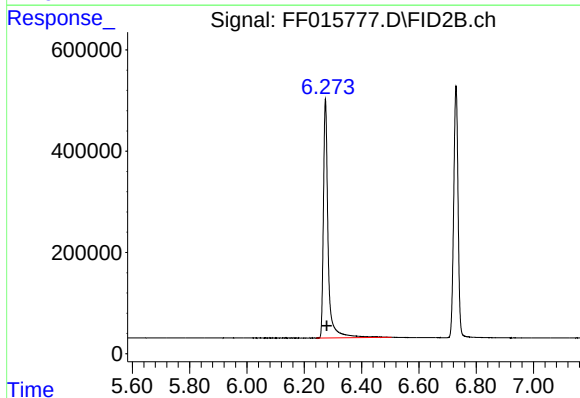
R.T.: 3.305 min
Delta R.T.: -0.002 min
Response: 5084242
Conc: 46.07 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



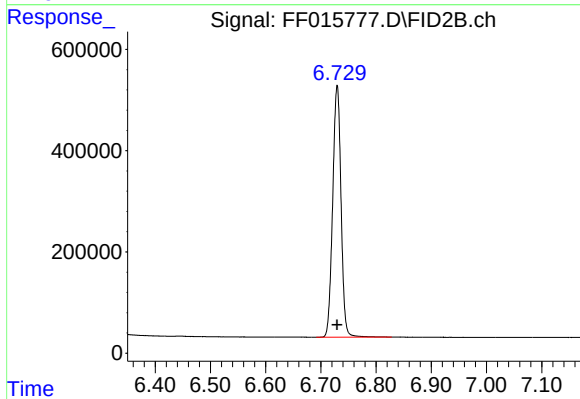
#2 n-Decane (C10)

R.T.: 4.562 min
Delta R.T.: -0.001 min
Response: 5132298
Conc: 46.20 ug/ml



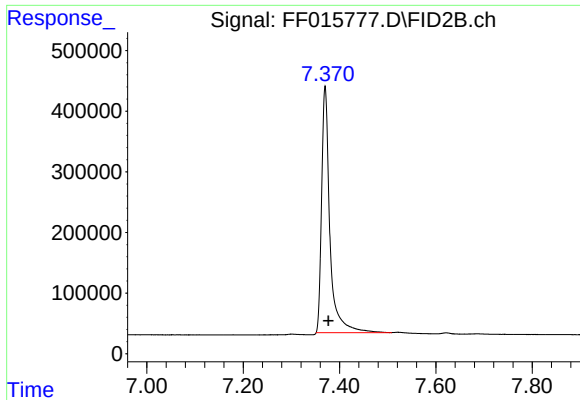
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: -0.004 min
Response: 5385652
Conc: 49.14 ug/ml



#4 n-Dodecane (C12)

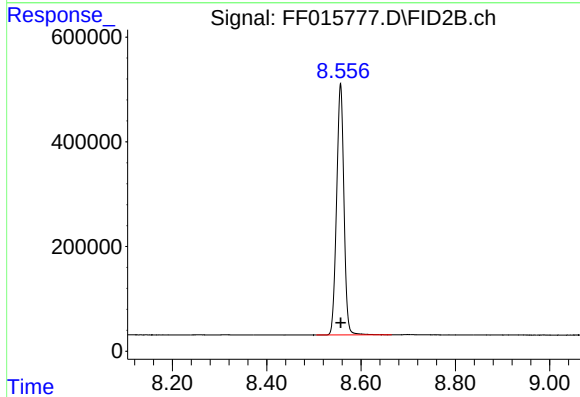
R.T.: 6.729 min
Delta R.T.: 0.000 min
Response: 5223947
Conc: 45.99 ug/ml



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

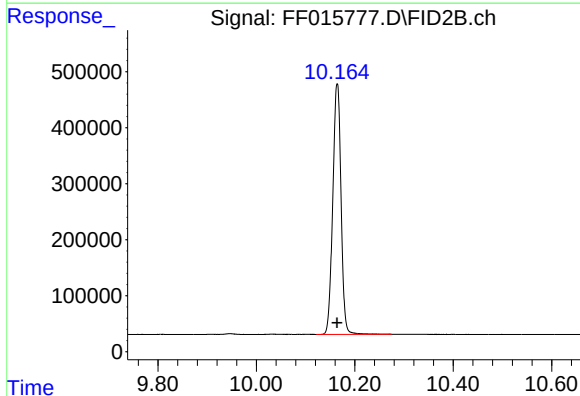
R.T.: 7.370 min
Delta R.T.: -0.007 min
Response: 4845452
Conc: 48.09 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



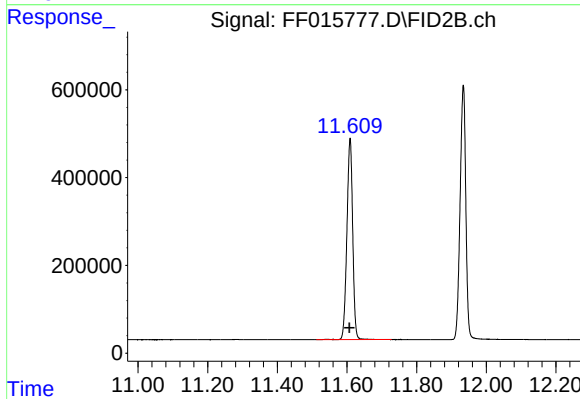
#6 n-Tetradecane (C14)

R.T.: 8.556 min
Delta R.T.: 0.000 min
Response: 5183432
Conc: 46.11 ug/ml



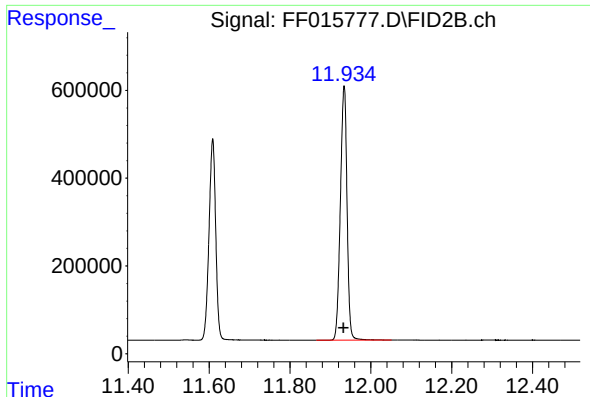
#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: 0.000 min
Response: 5215523
Conc: 46.29 ug/ml



#8 n-Octadecane (C18)

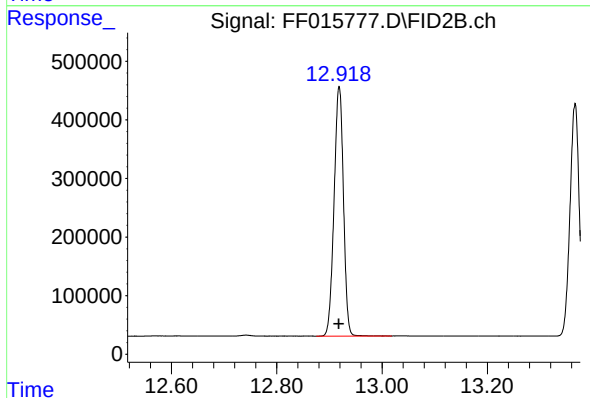
R.T.: 11.608 min
Delta R.T.: 0.001 min
Response: 5286608
Conc: 46.07 ug/ml



#9 ortho-Terphenyl (SURR)

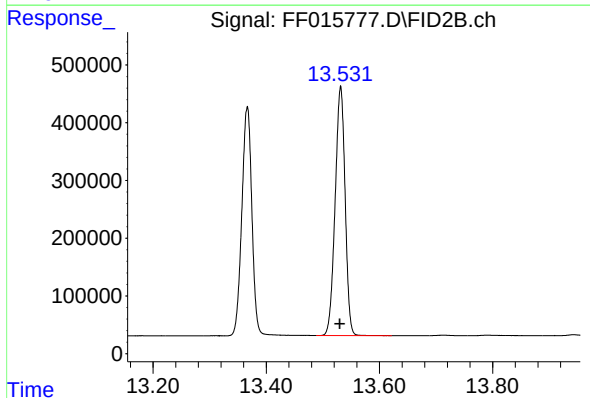
R.T.: 11.933 min
Delta R.T.: 0.002 min
Response: 6618540
Conc: 45.83 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



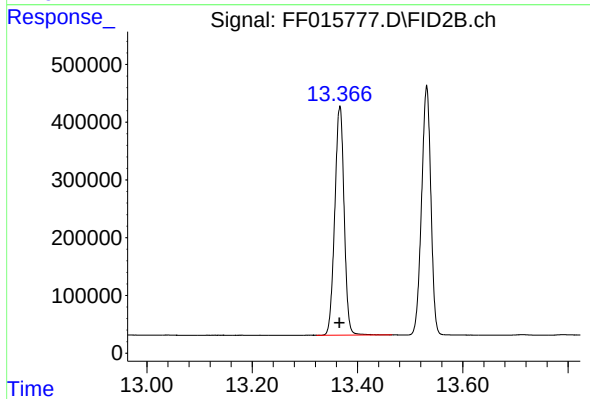
#10 n-Eicosane (C20)

R.T.: 12.918 min
Delta R.T.: 0.000 min
Response: 5271375
Conc: 45.75 ug/ml



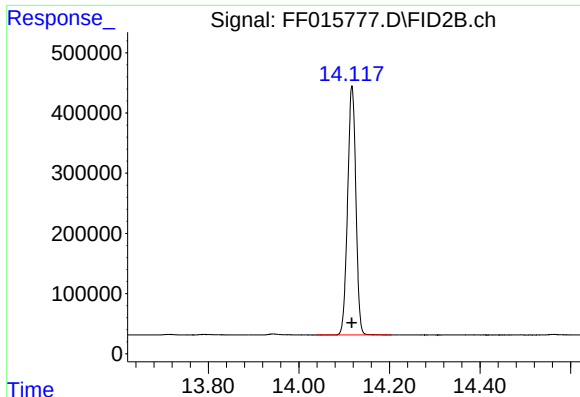
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: 0.001 min
Response: 5271159
Conc: 45.67 ug/ml



#12 1-chlorooctadecane (SURR)

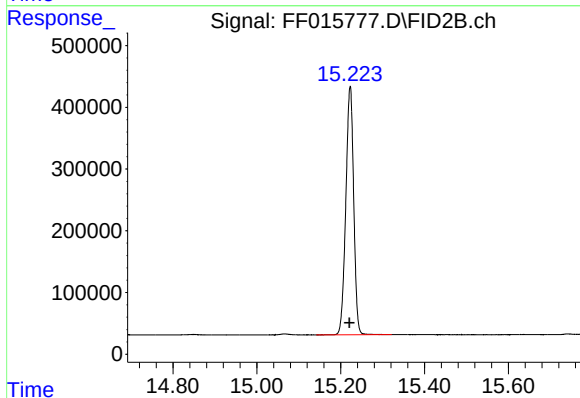
R.T.: 13.366 min
Delta R.T.: 0.000 min
Response: 4890642
Conc: 46.68 ug/ml



#13 n-Docosane (C22)

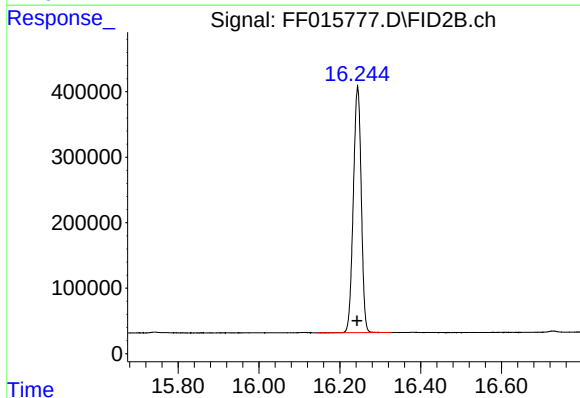
R.T.: 14.117 min
Delta R.T.: 0.000 min
Response: 5239169
Conc: 45.70 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



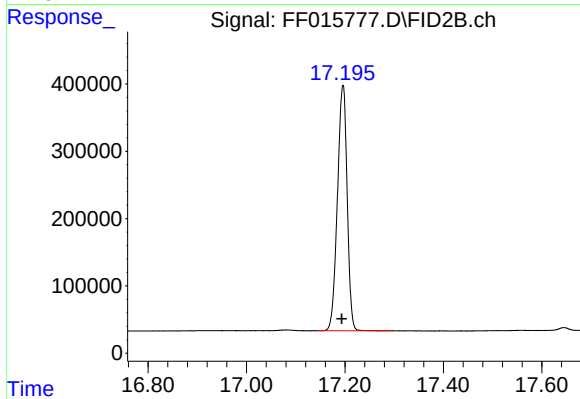
#14 n-Tetracosane (C24)

R.T.: 15.222 min
Delta R.T.: 0.001 min
Response: 5235954
Conc: 45.34 ug/ml



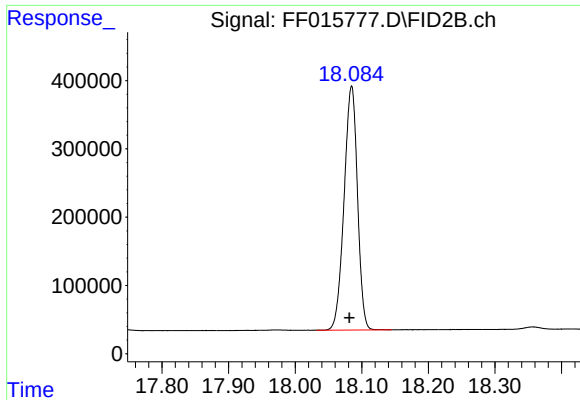
#15 n-Hexacosane (C26)

R.T.: 16.244 min
Delta R.T.: 0.001 min
Response: 5111121
Conc: 45.79 ug/ml



#16 n-Octacosane (C28)

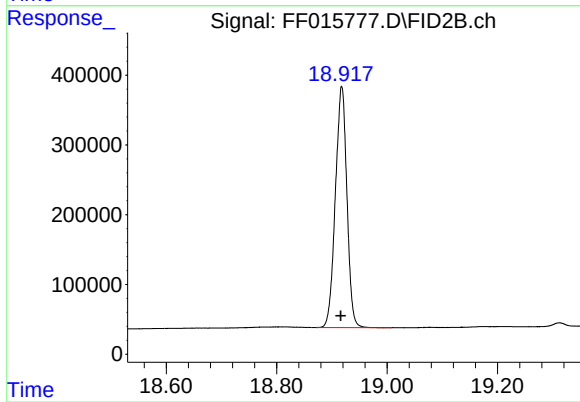
R.T.: 17.195 min
Delta R.T.: 0.002 min
Response: 4999012
Conc: 45.39 ug/ml



#17 n-Tricontane (C30)

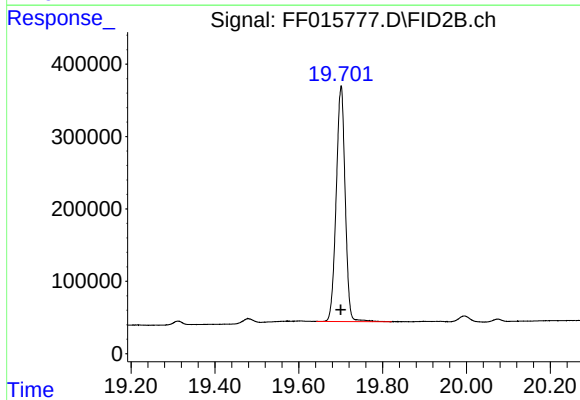
R.T.: 18.084 min
Delta R.T.: 0.002 min
Response: 4990333
Conc: 45.15 ug/ml

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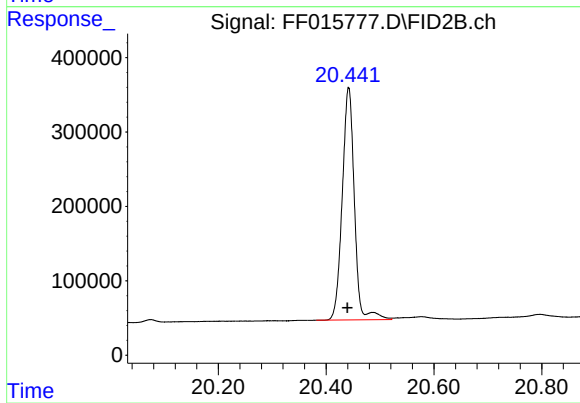
#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: 0.002 min
Response: 5015783
Conc: 44.85 ug/ml



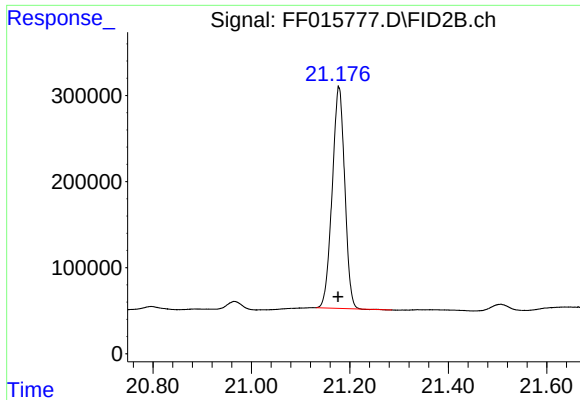
#19 n-Tetatriacontane (C34)

R.T.: 19.701 min
Delta R.T.: 0.000 min
Response: 4826655
Conc: 45.87 ug/ml



#20 n-Hexatriacontane (C36)

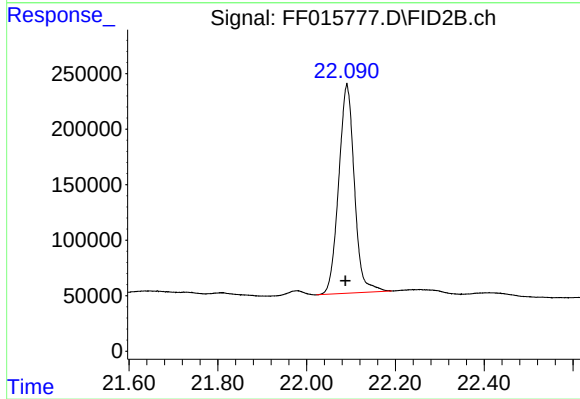
R.T.: 20.442 min
Delta R.T.: 0.002 min
Response: 4898631
Conc: 46.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.178 min
Delta R.T.: 0.001 min
Response: 4547549
Conc: 47.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.091 min
Delta R.T.: 0.003 min
Response: 4614824
Conc: 48.30 ug/ml