

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022525AL\
 Data File : FF015538.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 14:25
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Feb 25 15:08:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 022525.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 25 15:03:02 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)	11.936	7476388	49.322 ug/ml
Spiked Amount 50.000		Recovery =	98.64%
12) S 1-chlorooctadecane (S...	13.372	5825217	49.393 ug/ml
Spiked Amount 50.000		Recovery =	98.79%
Target Compounds			
1) T n-Nonane (C9)	3.312	5978002	49.233 ug/ml
2) T n-Decane (C10)	4.568	6065575	49.223 ug/ml
3) T A~Naphthalene (C11.7)	6.274	6506514	49.503 ug/ml
4) T n-Dodecane (C12)	6.735	6201921	49.358 ug/ml
5) T A~2-methylnaphthalene...	7.370	6271116	49.859 ug/ml
6) T n-Tetradecane (C14)	8.562	6219825	49.562 ug/ml
7) T n-Hexadecane (C16)	10.170	6502280	49.610 ug/ml
8) T n-Octadecane (C18)	11.615	6787761	49.560 ug/ml
10) T n-Eicosane (C20)	12.926	6717944	49.478 ug/ml
11) T n-Heneicosane (C21)	13.539	6707329	49.395 ug/ml
13) T n-Docosane (C22)	14.126	6719215	49.446 ug/ml
14) T n-Tetracosane (C24)	15.231	6900917	49.695 ug/ml
15) T n-Hexacosane (C26)	16.253	6883295	49.630 ug/ml
16) T n-Octacosane (C28)	17.203	6783334	49.466 ug/ml
17) T n-Tricontane (C30)	18.093	6790770	49.025 ug/ml
18) T n-Dotriacontane (C32)	18.926	6478604	48.569 ug/ml
19) T n-Tetratriacontane (C34)	19.710	5824306	48.749 ug/ml
20) T n-Hexatriacontane (C36)	20.451	5033921	49.020 ug/ml
21) T n-Octatriacontane (C38)	21.187	4432678	49.412 ug/ml
22) T n-Tetracontane (C40)	22.102	4025499	50.077 ug/ml

(f)=RT Delta > 1/2 Window

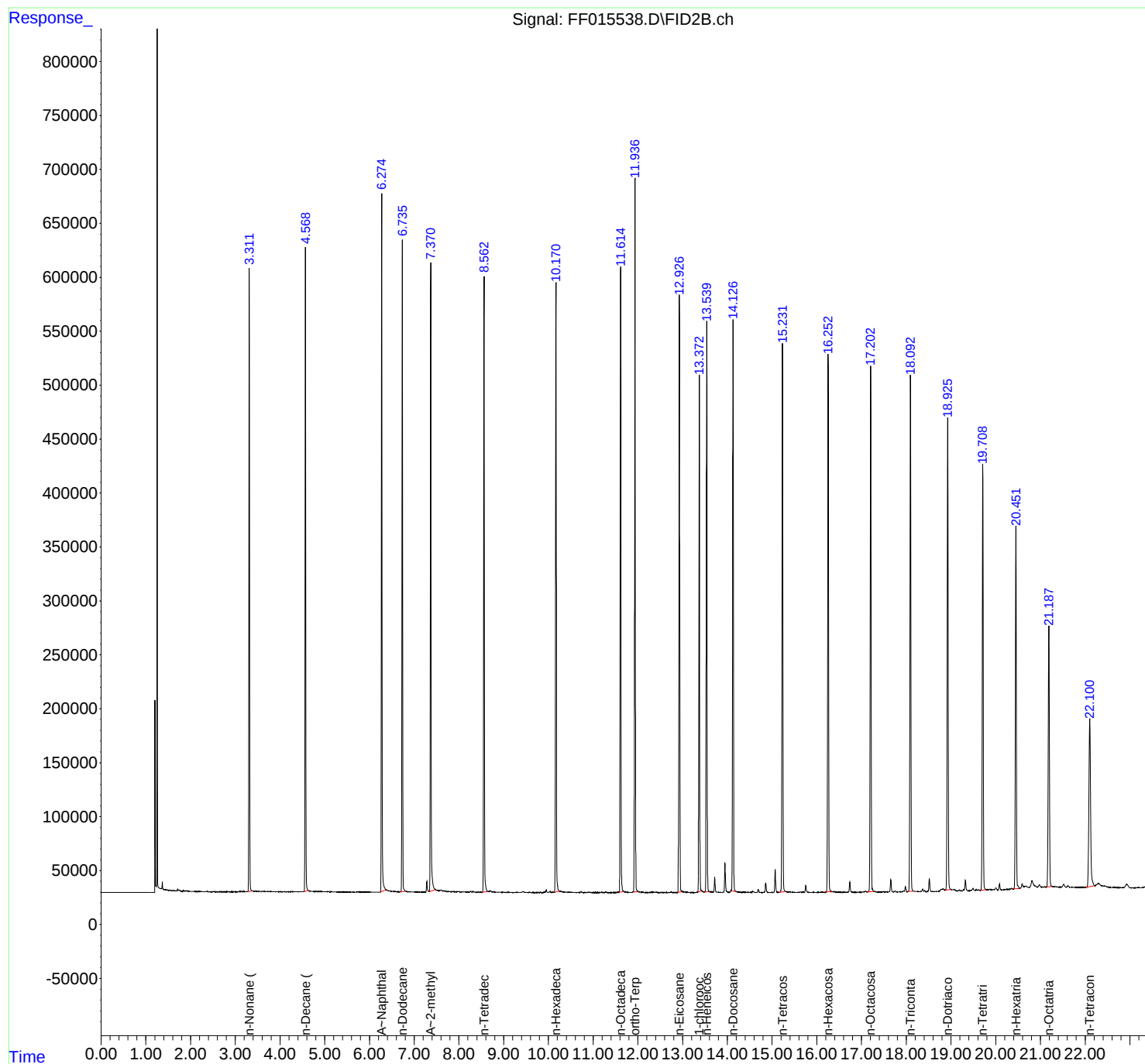
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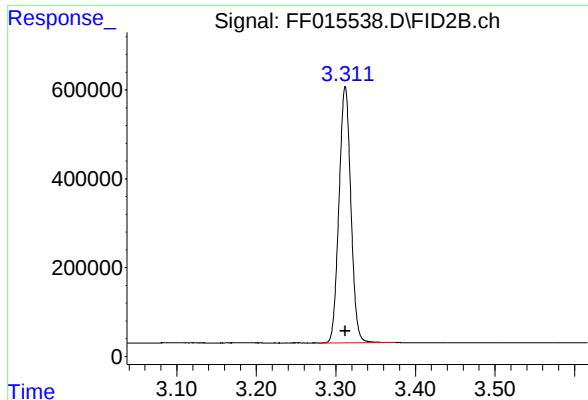
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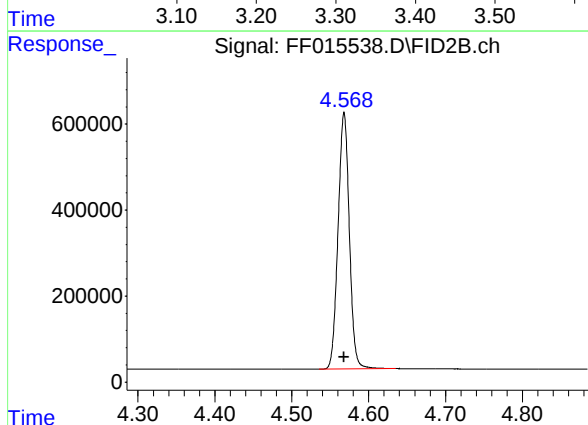




#1 n-Nonane (C9)

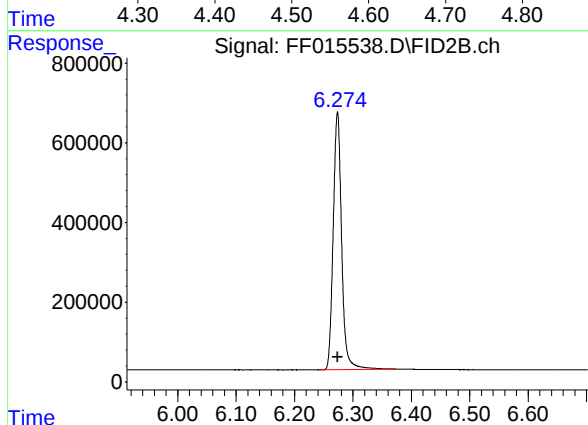
R.T.: 3.312 min
Delta R.T.: 0.000 min
Response: 5978002
Conc: 49.23 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



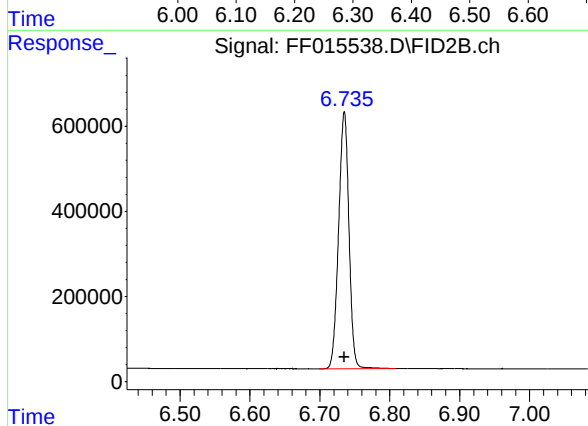
#2 n-Decane (C10)

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 6065575
Conc: 49.22 ug/ml



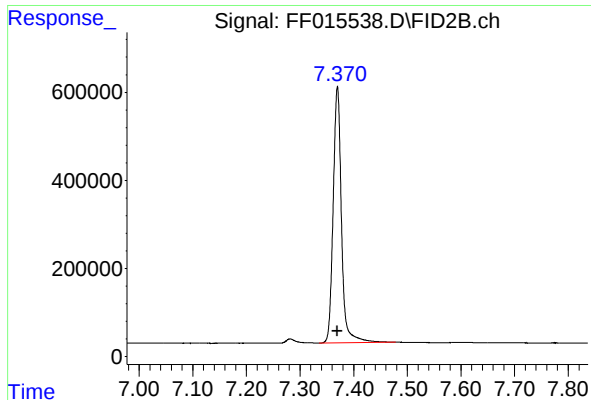
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 6506514
Conc: 49.50 ug/ml



#4 n-Dodecane (C12)

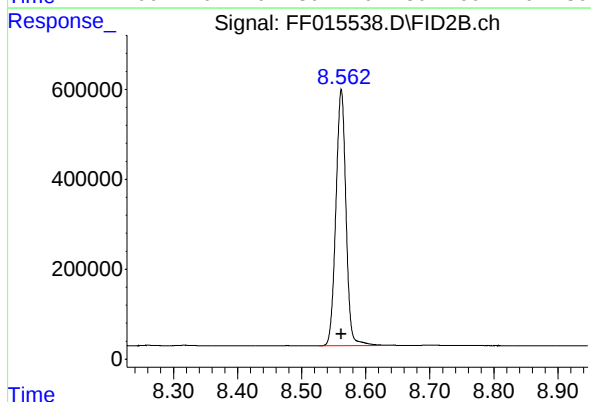
R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 6201921
Conc: 49.36 ug/ml



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

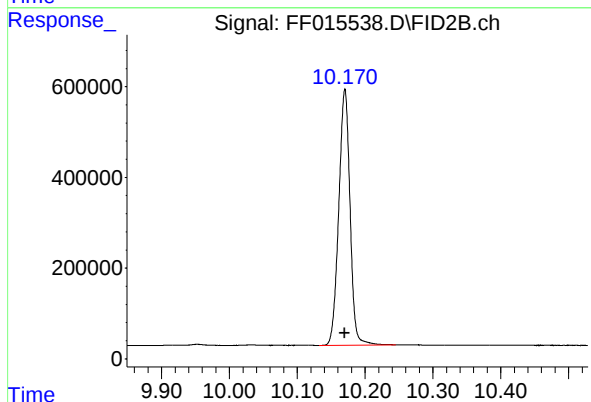
R.T.: 7.370 min
Delta R.T.: 0.000 min
Response: 6271116
Conc: 49.86 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



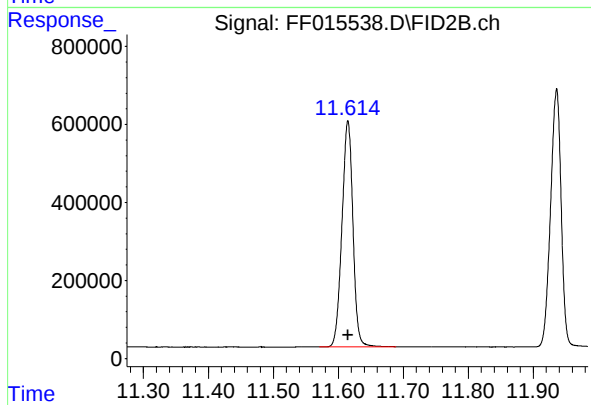
#6 n-Tetradecane (C14)

R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 6219825
Conc: 49.56 ug/ml



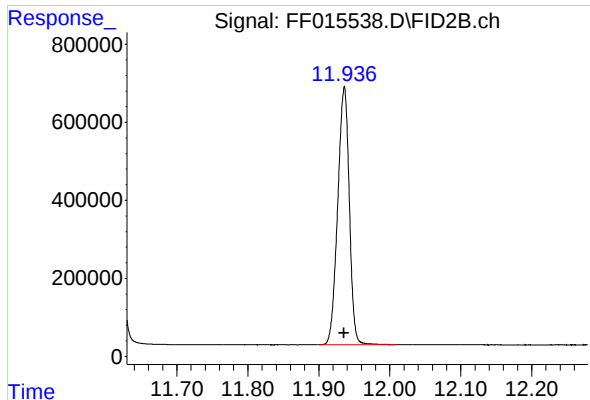
#7 n-Hexadecane (C16)

R.T.: 10.170 min
Delta R.T.: 0.000 min
Response: 6502280
Conc: 49.61 ug/ml



#8 n-Octadecane (C18)

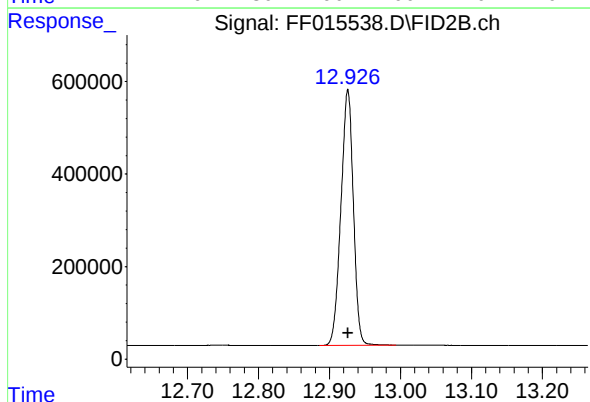
R.T.: 11.615 min
Delta R.T.: 0.000 min
Response: 6787761
Conc: 49.56 ug/ml



#9 ortho-Terphenyl (SURR)

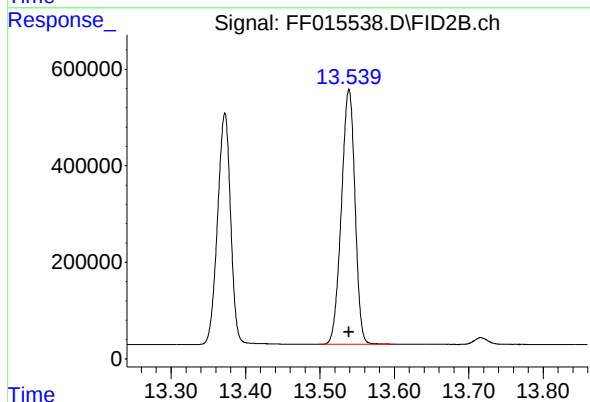
R.T.: 11.936 min
Delta R.T.: 0.000 min
Response: 7476388
Conc: 49.32 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



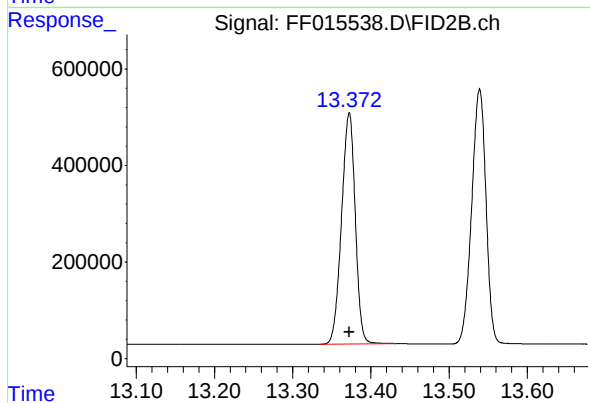
#10 n-Eicosane (C20)

R.T.: 12.926 min
Delta R.T.: 0.000 min
Response: 6717944
Conc: 49.48 ug/ml



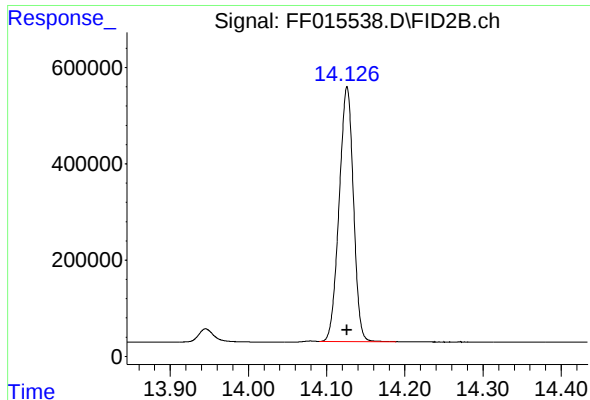
#11 n-Heneicosane (C21)

R.T.: 13.539 min
Delta R.T.: 0.000 min
Response: 6707329
Conc: 49.39 ug/ml



#12 1-chlorooctadecane (SURR)

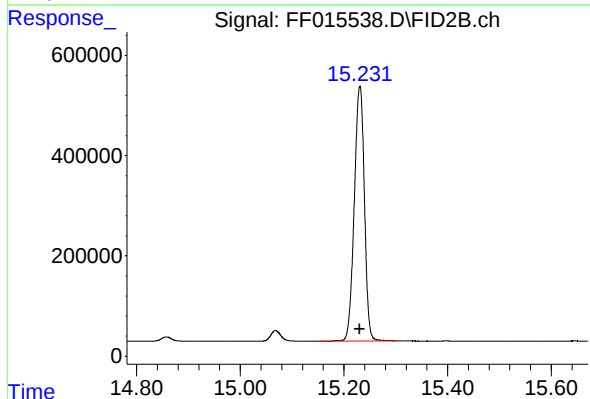
R.T.: 13.372 min
Delta R.T.: 0.000 min
Response: 5825217
Conc: 49.39 ug/ml



#13 n-Docosane (C22)

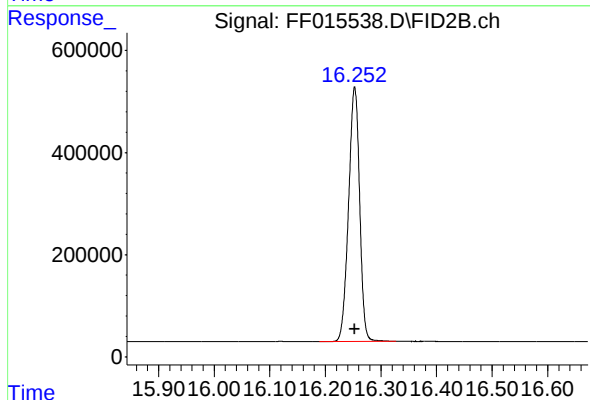
R.T.: 14.126 min
Delta R.T.: 0.000 min
Response: 6719215
Conc: 49.45 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



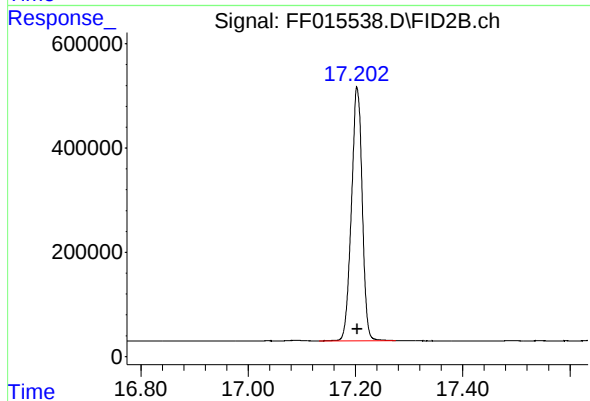
#14 n-Tetracosane (C24)

R.T.: 15.231 min
Delta R.T.: 0.000 min
Response: 6900917
Conc: 49.69 ug/ml



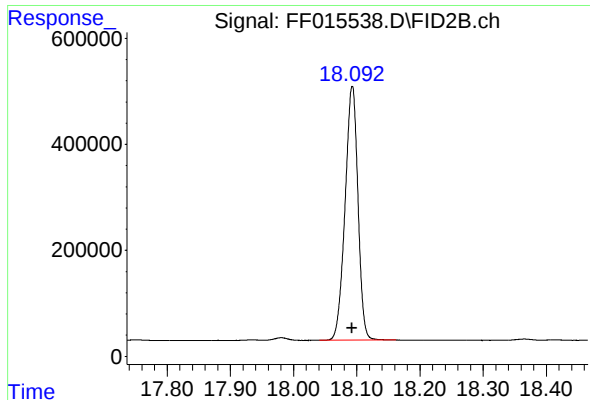
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: 0.000 min
Response: 6883295
Conc: 49.63 ug/ml



#16 n-Octacosane (C28)

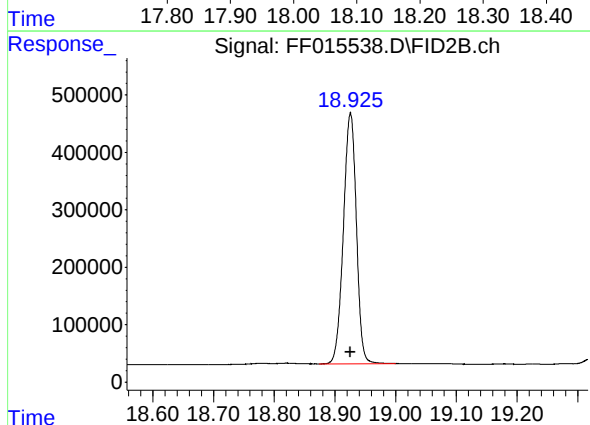
R.T.: 17.203 min
Delta R.T.: 0.000 min
Response: 6783334
Conc: 49.47 ug/ml



#17 n-Tricontane (C30)

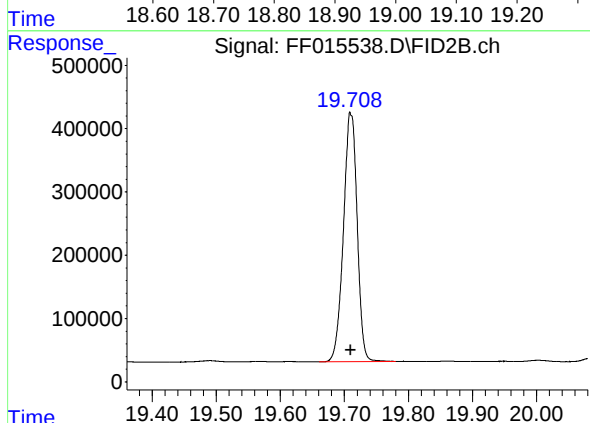
R.T.: 18.093 min
Delta R.T.: 0.000 min
Response: 6790770
Conc: 49.03 ug/ml

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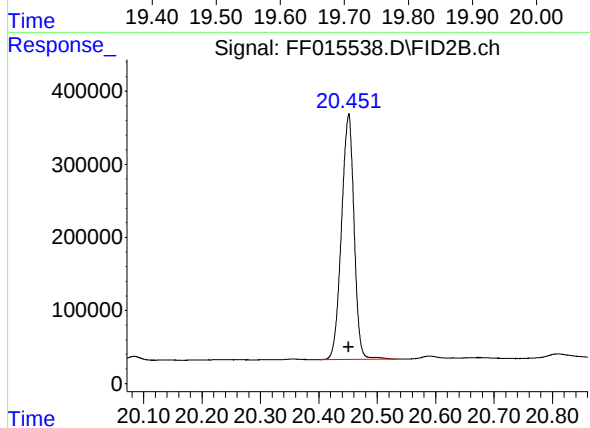
#18 n-Dotriacontane (C32)

R.T.: 18.926 min
Delta R.T.: 0.000 min
Response: 6478604
Conc: 48.57 ug/ml



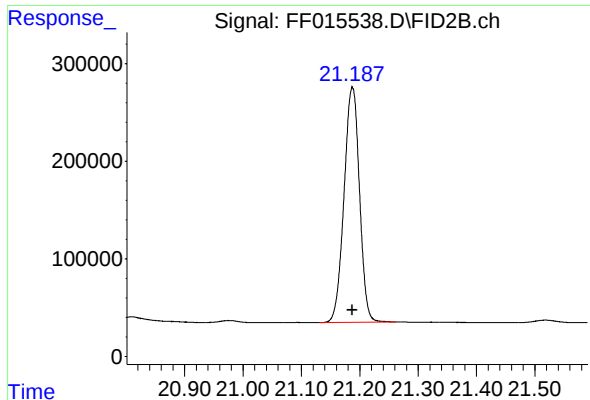
#19 n-Tetatriacontane (C34)

R.T.: 19.710 min
Delta R.T.: 0.000 min
Response: 5824306
Conc: 48.75 ug/ml



#20 n-Hexatriacontane (C36)

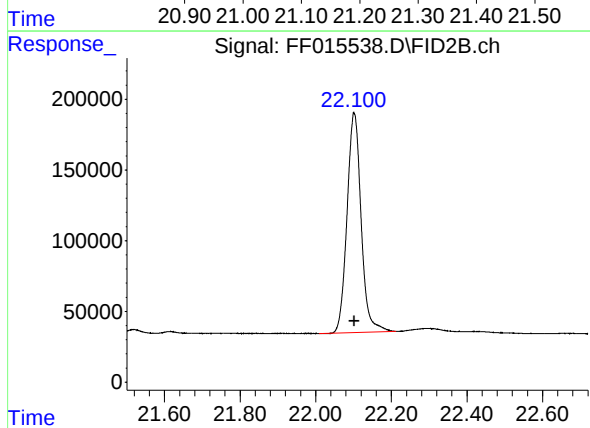
R.T.: 20.451 min
Delta R.T.: 0.000 min
Response: 5033921
Conc: 49.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.187 min
Delta R.T.: 0.000 min
Response: 4432678
Conc: 49.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.102 min
Delta R.T.: 0.000 min
Response: 4025499
Conc: 50.08 ug/ml