

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101223AL\
 Data File : FE044802.D
 Signal(s) : FID1B.ch
 Acq On : 12 Oct 2023 04:16
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 12 05:22:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 05:18:53 2023
 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)	11.918	9331212	48.999 ug/ml
Spiked Amount 50.000		Recovery =	98.00%
12) S 1-chlorooctadecane (S...	13.358	6912856	49.017 ug/ml
Spiked Amount 50.000		Recovery =	98.03%
Target Compounds			
1) T n-Nonane (C9)	3.299	7777198	48.745 ug/ml
2) T n-Decane (C10)	4.550	7897582	48.727 ug/ml
3) T A~Naphthalene (C11.7)	6.252	8683769	48.952 ug/ml
4) T n-Dodecane (C12)	6.716	8035354	48.778 ug/ml
5) T A~2-methylnaphthalene...	7.348	8514888	48.983 ug/ml
6) T n-Tetradecane (C14)	8.543	8001236	48.887 ug/ml
7) T n-Hexadecane (C16)	10.155	8135744	48.903 ug/ml
8) T n-Octadecane (C18)	11.602	8110223	48.927 ug/ml
10) T n-Eicosane (C20)	12.913	7757541	48.948 ug/ml
11) T n-Heneicosane (C21)	13.526	7583483	49.005 ug/ml
13) T n-Docosane (C22)	14.113	7430742	48.894 ug/ml
14) T n-Tetracosane (C24)	15.218	7193907	48.724 ug/ml
15) T n-Hexacosane (C26)	16.241	6950478	48.631 ug/ml
16) T n-Octacosane (C28)	17.193	6765177	48.455 ug/ml
17) T n-Tricontane (C30)	18.082	6809541	48.327 ug/ml
18) T n-Dotriacontane (C32)	18.918	6831777	48.270 ug/ml
19) T n-Tetratriacontane (C34)	19.701	6840373	48.630 ug/ml
20) T n-Hexatriacontane (C36)	20.443	7052139	48.455 ug/ml
21) T n-Octatriacontane (C38)	21.185	7279398	48.908 ug/ml
22) T n-Tetracontane (C40)	22.107	7725506	48.860 ug/ml

(f)=RT Delta > 1/2 Window

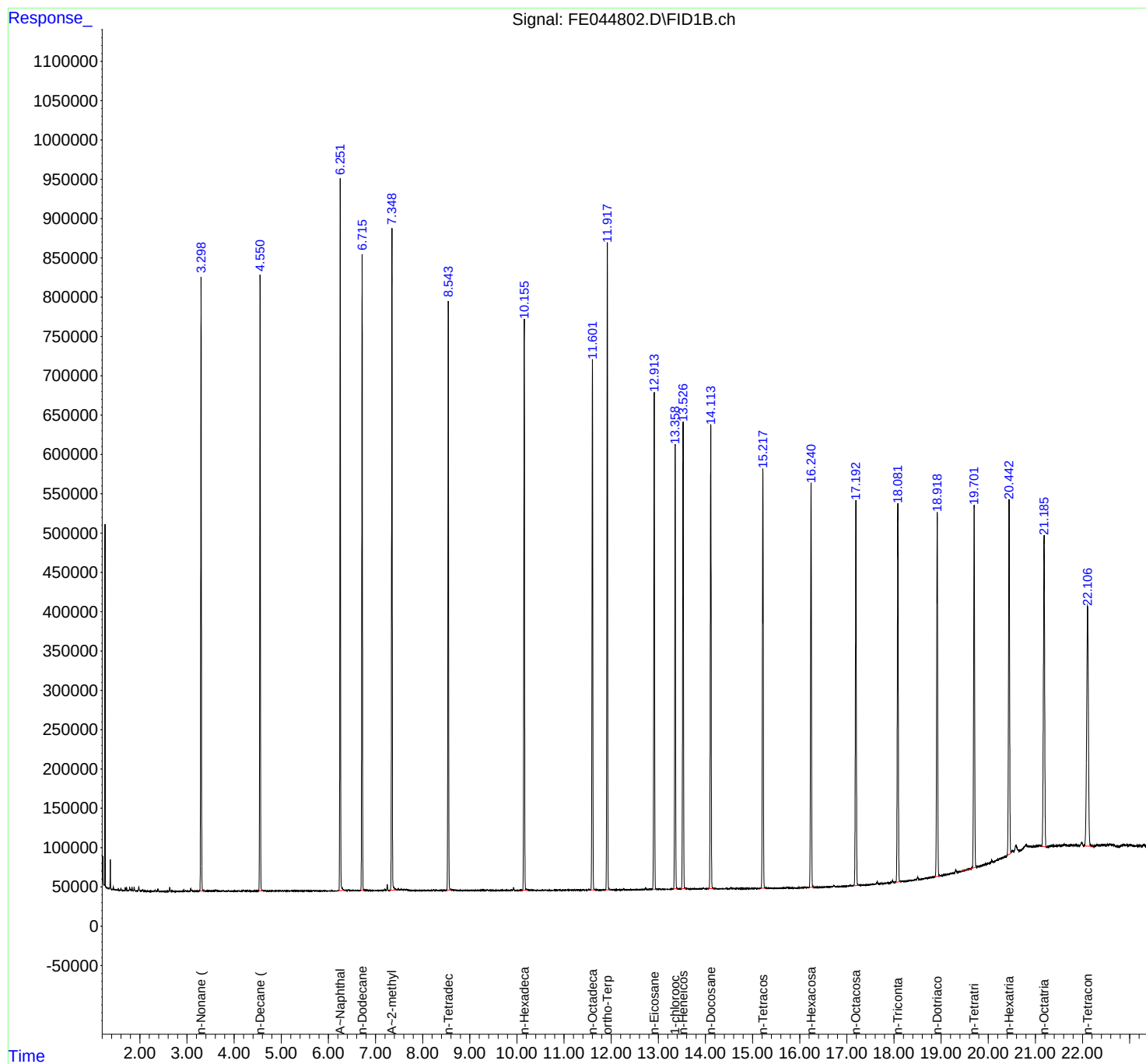
(m)=manual int.

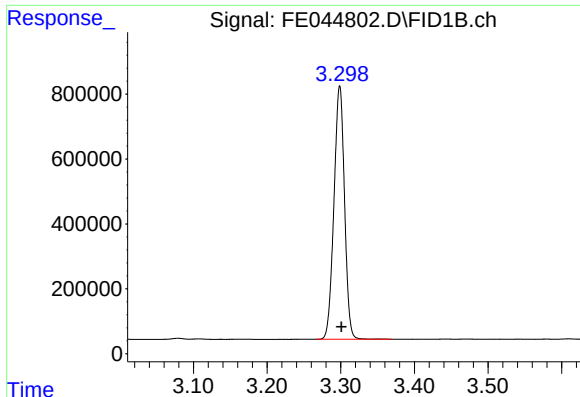
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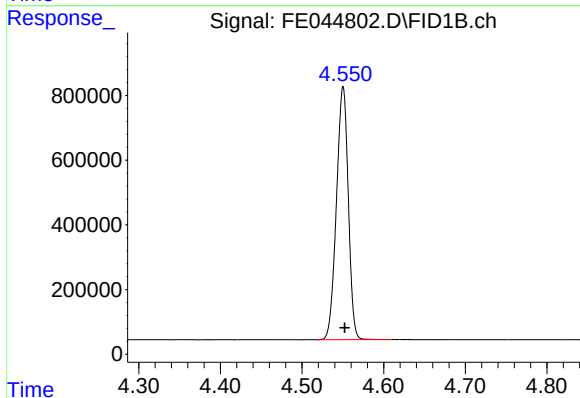




#1 n-Nonane (C9)

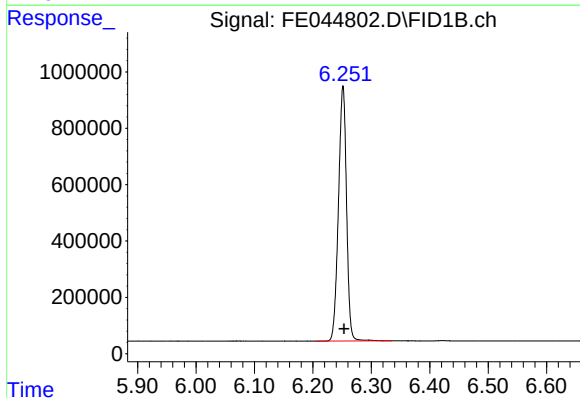
R.T.: 3.299 min
Delta R.T.: -0.002 min
Response: 7777198
Conc: 48.75 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



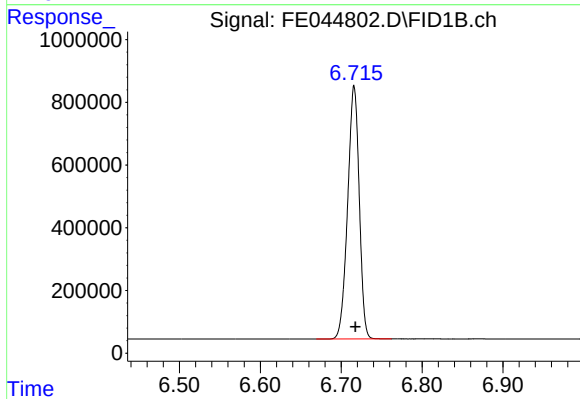
#2 n-Decane (C10)

R.T.: 4.550 min
Delta R.T.: -0.002 min
Response: 7897582
Conc: 48.73 ug/ml



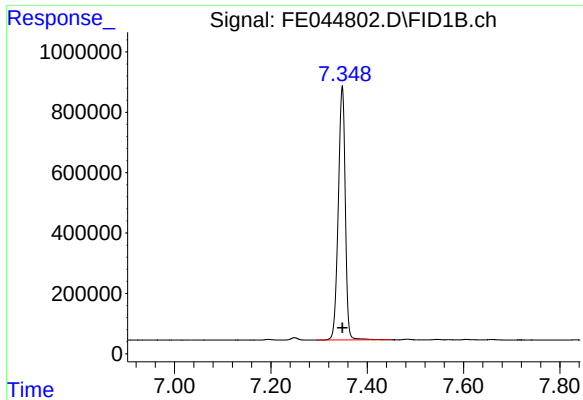
#3 A~Naphthalene (C11.7)

R.T.: 6.252 min
Delta R.T.: -0.002 min
Response: 8683769
Conc: 48.95 ug/ml



#4 n-Dodecane (C12)

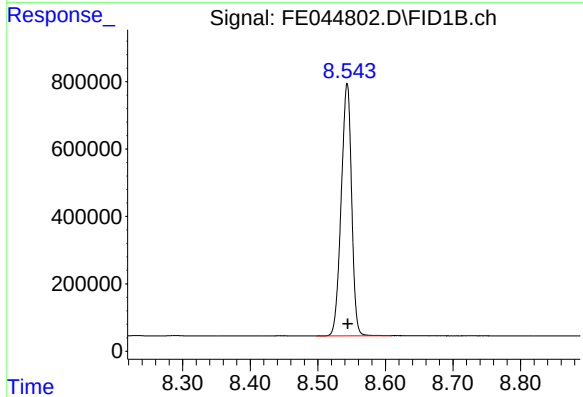
R.T.: 6.716 min
Delta R.T.: -0.002 min
Response: 8035354
Conc: 48.78 ug/ml



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

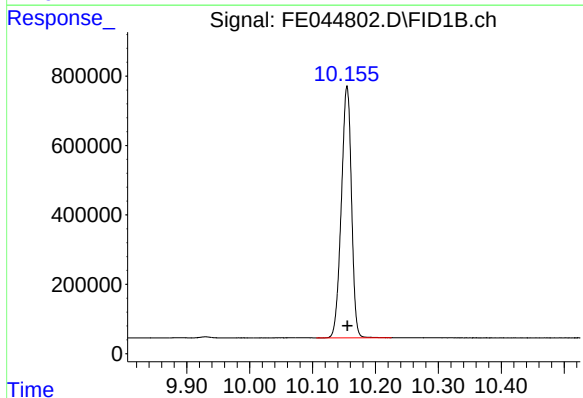
R.T.: 7.348 min
Delta R.T.: 0.000 min
Response: 8514888
Conc: 48.98 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



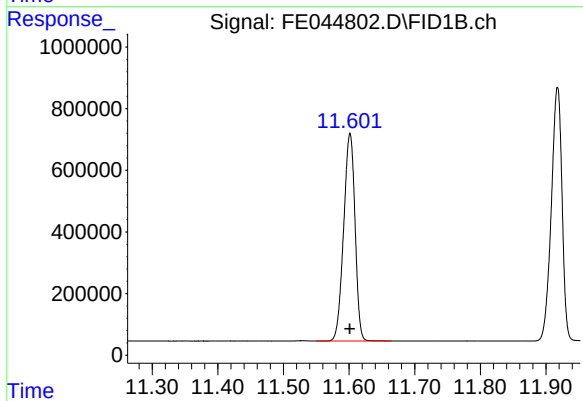
#6 n-Tetradecane (C14)

R.T.: 8.543 min
Delta R.T.: 0.000 min
Response: 8001236
Conc: 48.89 ug/ml



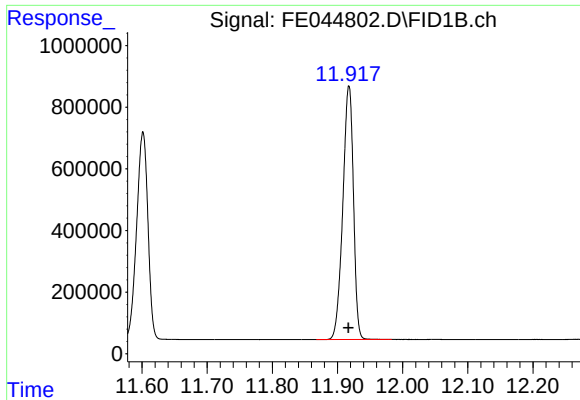
#7 n-Hexadecane (C16)

R.T.: 10.155 min
Delta R.T.: 0.000 min
Response: 8135744
Conc: 48.90 ug/ml



#8 n-Octadecane (C18)

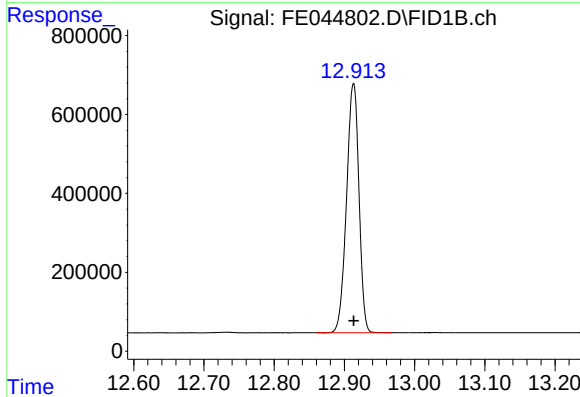
R.T.: 11.602 min
Delta R.T.: 0.000 min
Response: 8110223
Conc: 48.93 ug/ml



#9 ortho-Terphenyl (SURR)

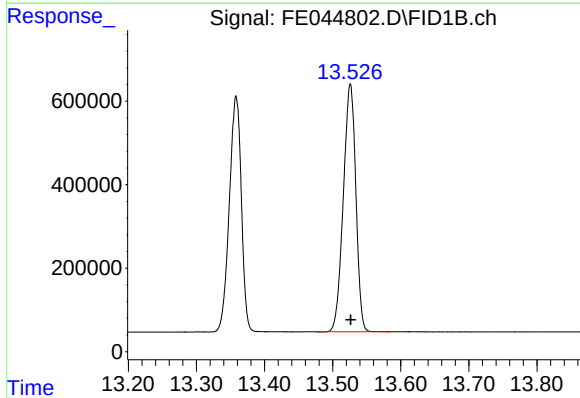
R.T.: 11.918 min
Delta R.T.: 0.000 min
Response: 9331212
Conc: 49.00 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



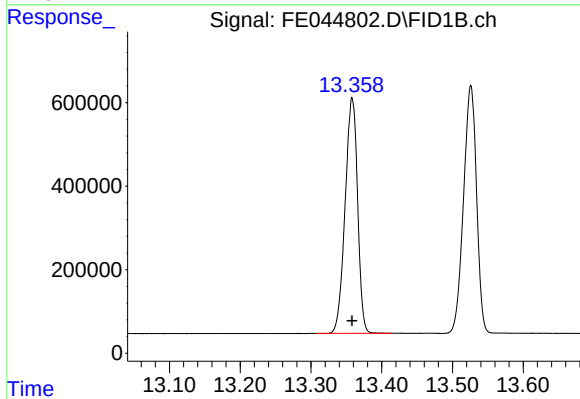
#10 n-Eicosane (C20)

R.T.: 12.913 min
Delta R.T.: 0.000 min
Response: 7757541
Conc: 48.95 ug/ml



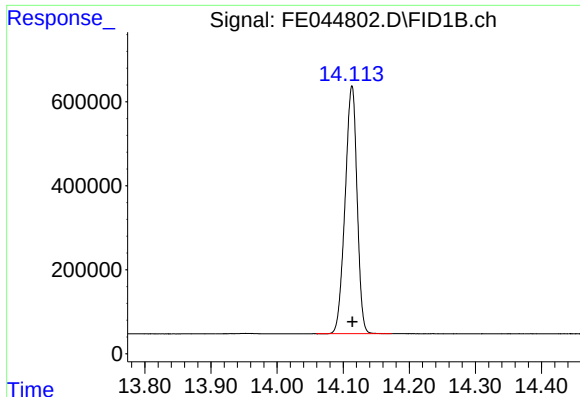
#11 n-Heneicosane (C21)

R.T.: 13.526 min
Delta R.T.: 0.000 min
Response: 7583483
Conc: 49.01 ug/ml



#12 1-chlorooctadecane (SURR)

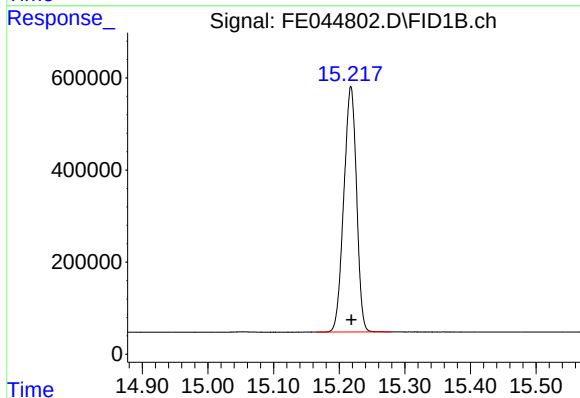
R.T.: 13.358 min
Delta R.T.: 0.000 min
Response: 6912856
Conc: 49.02 ug/ml



#13 n-Docosane (C22)

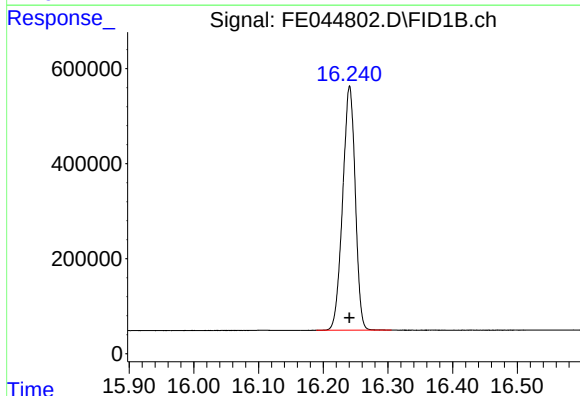
R.T.: 14.113 min
Delta R.T.: 0.000 min
Response: 7430742
Conc: 48.89 ug/ml

Instrument :
FID_E
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50 PPM ALIPHATIC HC STD2



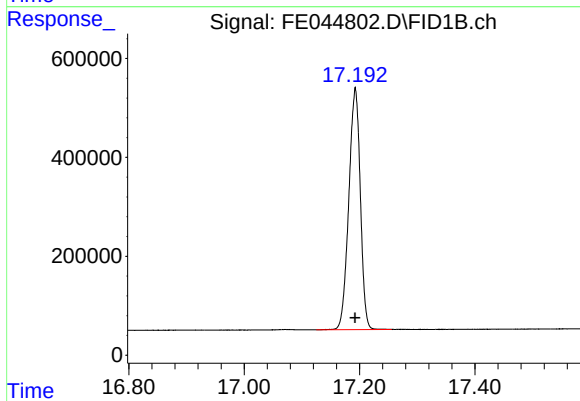
#14 n-Tetracosane (C24)

R.T.: 15.218 min
Delta R.T.: 0.000 min
Response: 7193907
Conc: 48.72 ug/ml



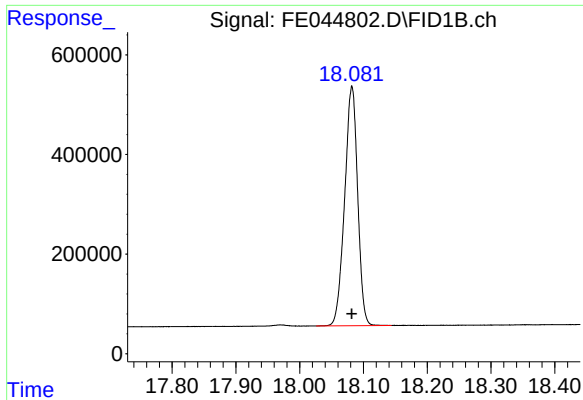
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: 0.000 min
Response: 6950478
Conc: 48.63 ug/ml



#16 n-Octacosane (C28)

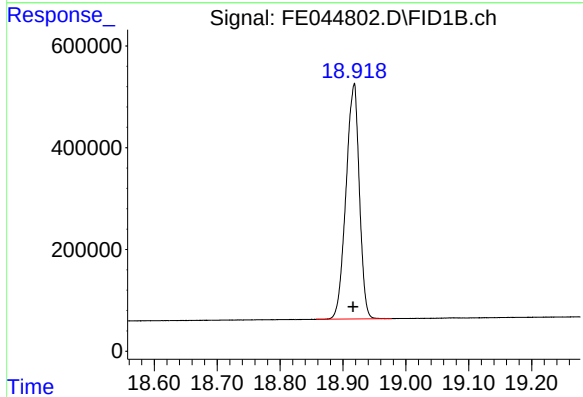
R.T.: 17.193 min
Delta R.T.: 0.000 min
Response: 6765177
Conc: 48.46 ug/ml



#17 n-Tricontane (C30)

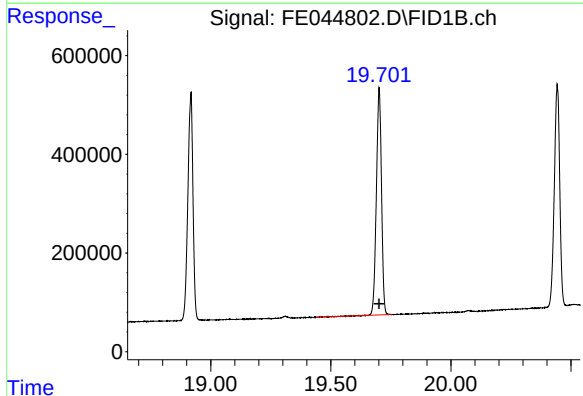
R.T.: 18.082 min
Delta R.T.: 0.000 min
Response: 6809541
Conc: 48.33 ug/ml

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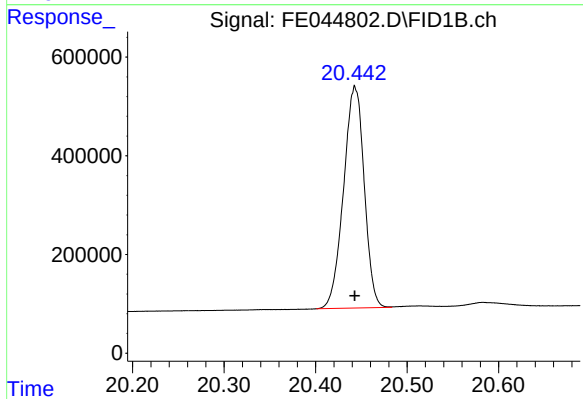
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: 0.002 min
Response: 6831777
Conc: 48.27 ug/ml



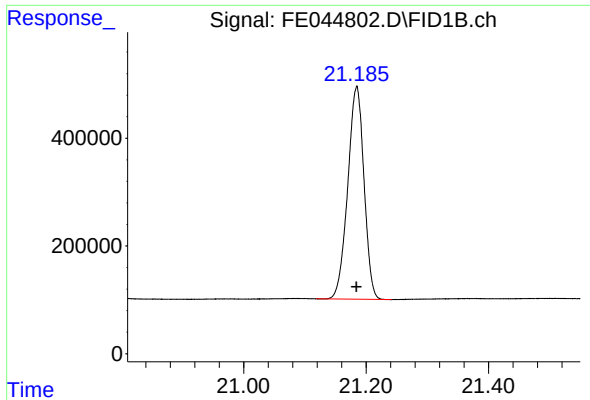
#19 n-Tetratriacontane (C34)

R.T.: 19.701 min
Delta R.T.: 0.000 min
Response: 6840373
Conc: 48.63 ug/ml



#20 n-Hexatriacontane (C36)

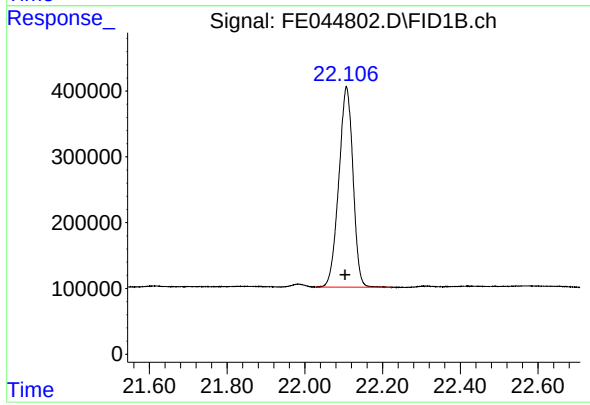
R.T.: 20.443 min
Delta R.T.: 0.000 min
Response: 7052139
Conc: 48.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.185 min
Delta R.T.: 0.000 min
Response: 7279398
Conc: 48.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.107 min
Delta R.T.: 0.004 min
Response: 7725506
Conc: 48.86 ug/ml