

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062124AL\
 Data File : FE048823.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jun 2024 19:29
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 21 07:49:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.932	3370279	20.156 ug/ml
Spiked Amount 50.000		Recovery =	40.31%
12) S 1-chlorooctadecane (S...	13.366	2603001	20.243 ug/ml
Spiked Amount 50.000		Recovery =	40.49%
Target Compounds			
1) T n-Nonane (C9)	3.324	3039882	20.220 ug/ml
2) T n-Decane (C10)	4.571	3094856	20.111 ug/ml
3) T A~Naphthalene (C11.7)	6.275	3201378	20.166 ug/ml
4) T n-Dodecane (C12)	6.735	3105479	20.117 ug/ml
5) T A~2-methylnaphthalene...	7.370	3047000	20.121 ug/ml
6) T n-Tetradecane (C14)	8.563	3075438	20.066 ug/ml
7) T n-Hexadecane (C16)	10.169	3149117	20.140 ug/ml
8) T n-Octadecane (C18)	11.611	3221864	20.201 ug/ml
10) T n-Eicosane (C20)	12.921	3126888	20.169 ug/ml
11) T n-Heneicosane (C21)	13.531	3077835	20.214 ug/ml
13) T n-Docosane (C22)	14.118	3052548	20.184 ug/ml
14) T n-Tetracosane (C24)	15.219	3040645	20.233 ug/ml
15) T n-Hexacosane (C26)	16.239	2982350	20.201 ug/ml
16) T n-Octacosane (C28)	17.188	2913239	20.201 ug/ml
17) T n-Tricontane (C30)	18.076	2989382	20.433 ug/ml
18) T n-Dotriacontane (C32)	18.906	2974413	20.803 ug/ml
19) T n-Tetratriacontane (C34)	19.687	2862863	20.690 ug/ml
20) T n-Hexatriacontane (C36)	20.427	2680119	20.622 ug/ml
21) T n-Octatriacontane (C38)	21.162	2565335	20.011 ug/ml
22) T n-Tetracontane (C40)	22.074	2396445	19.569 ug/ml

(f)=RT Delta > 1/2 Window

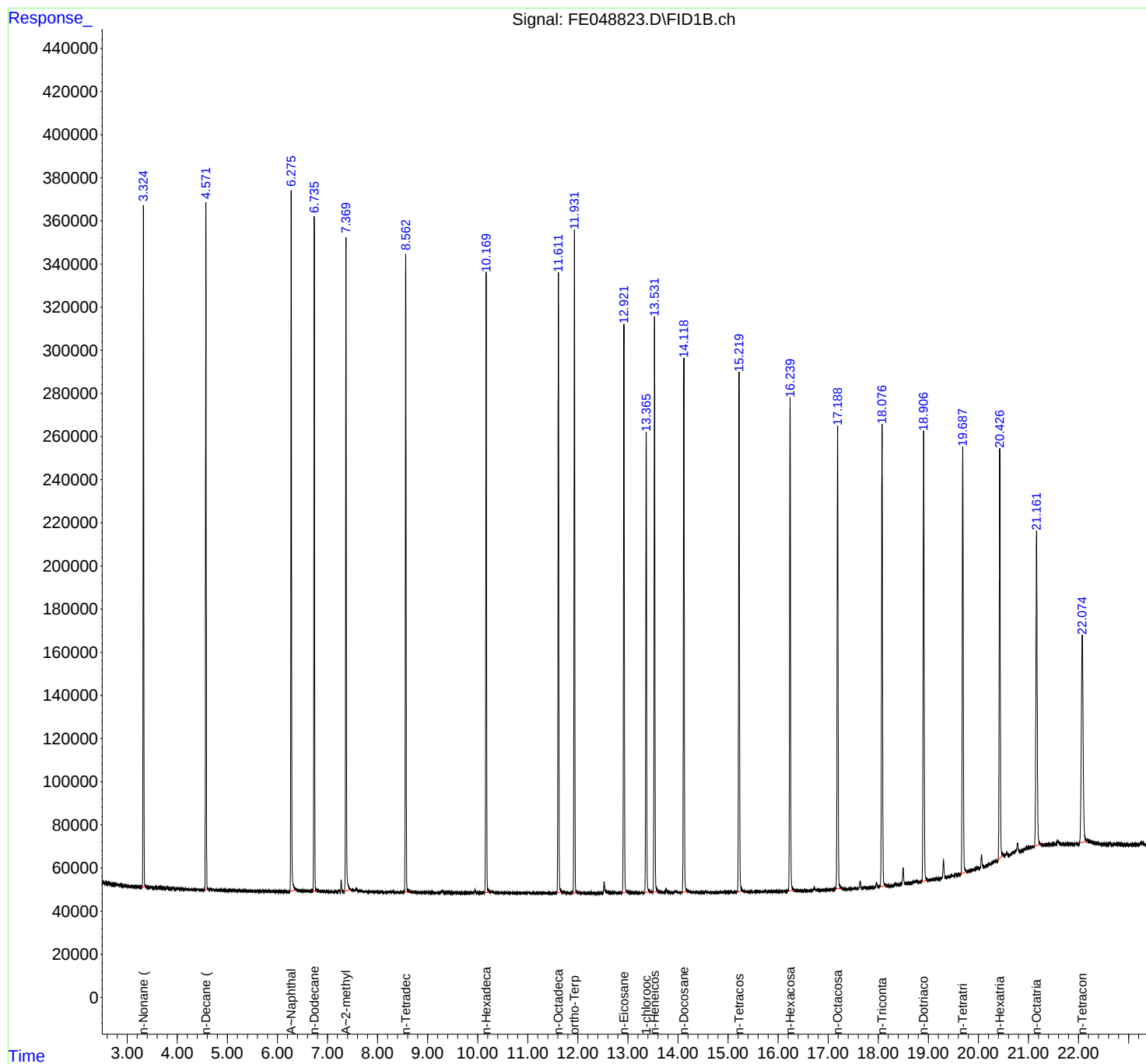
(m)=manual int.

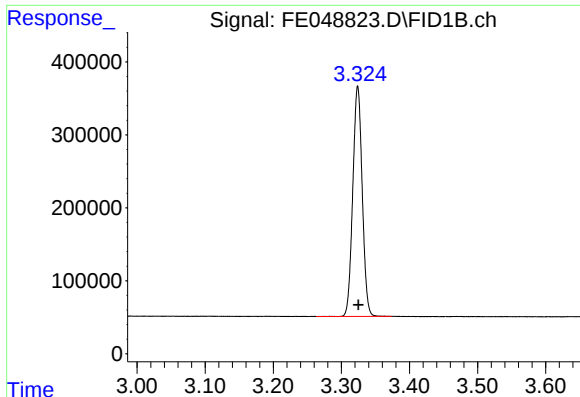
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062124AL\
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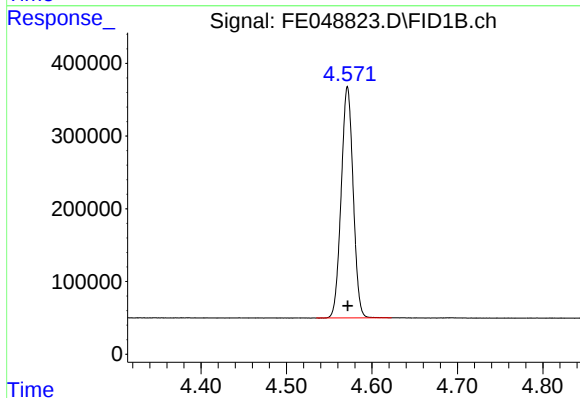




#1 n-Nonane (C9)

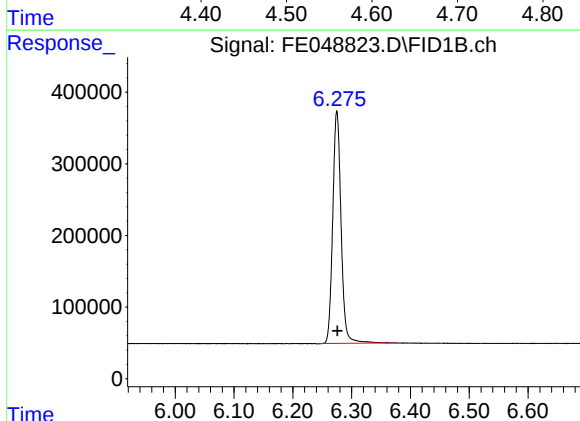
R.T.: 3.324 min
Delta R.T.: 0.000 min
Response: 3039882
Conc: 20.22 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



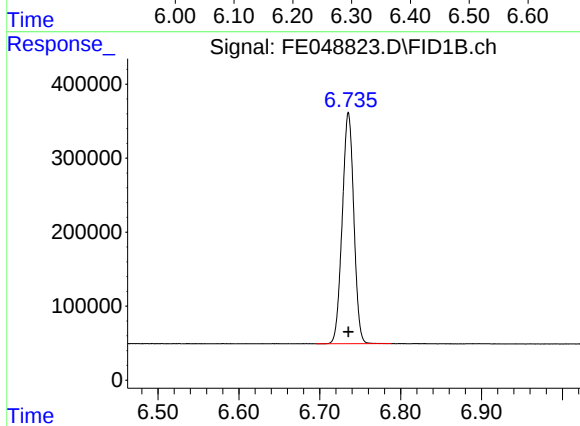
#2 n-Decane (C10)

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 3094856
Conc: 20.11 ug/ml



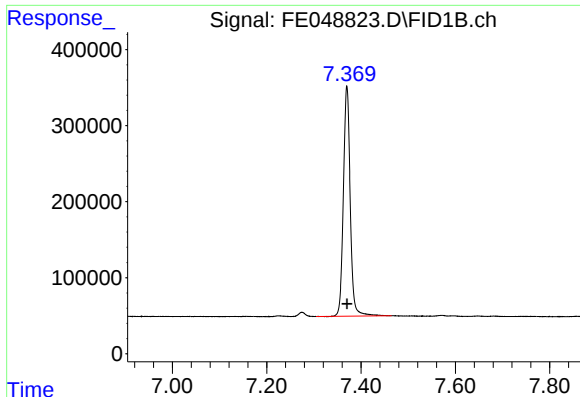
#3 A~Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: -0.001 min
Response: 3201378
Conc: 20.17 ug/ml



#4 n-Dodecane (C12)

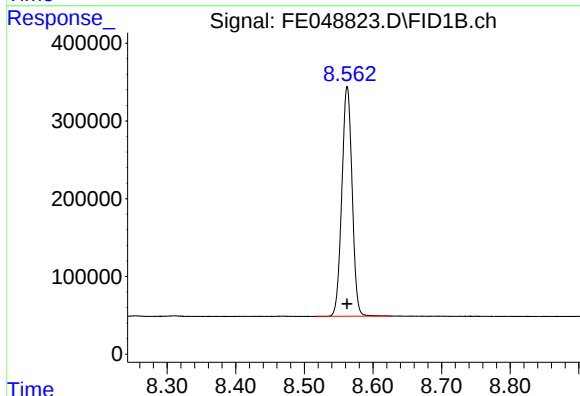
R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 3105479
Conc: 20.12 ug/ml



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

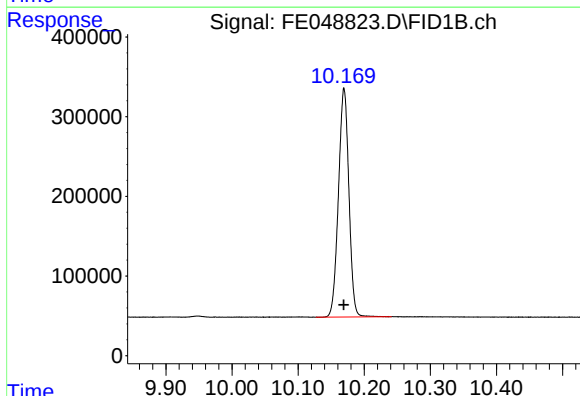
R.T.: 7.370 min
Delta R.T.: 0.000 min
Response: 3047000
Conc: 20.12 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



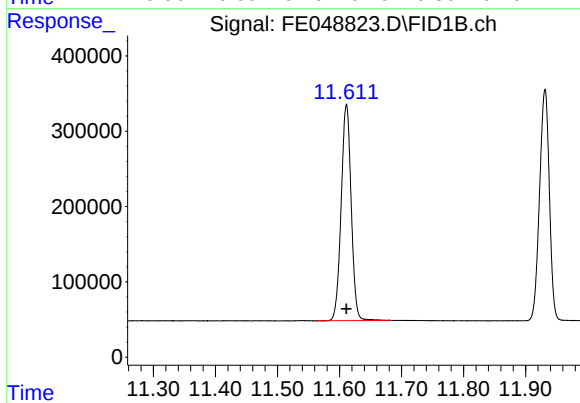
#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: 0.000 min
Response: 3075438
Conc: 20.07 ug/ml



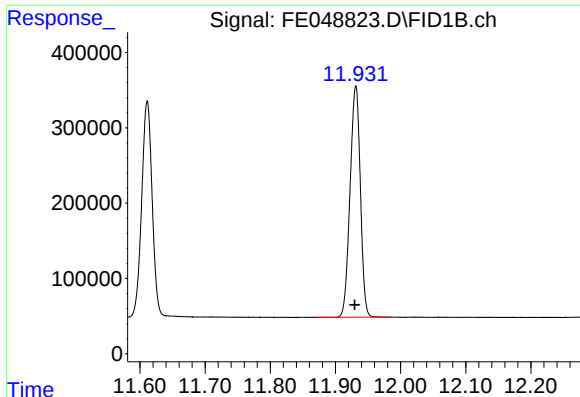
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: 0.000 min
Response: 3149117
Conc: 20.14 ug/ml



#8 n-Octadecane (C18)

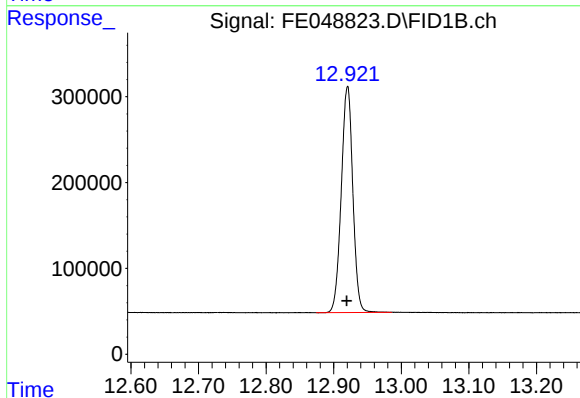
R.T.: 11.611 min
Delta R.T.: 0.000 min
Response: 3221864
Conc: 20.20 ug/ml



#9 ortho-Terphenyl (SURR)

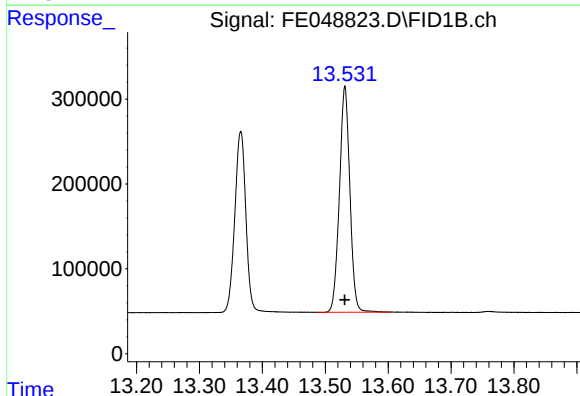
R.T.: 11.932 min
Delta R.T.: 0.002 min
Response: 3370279
Conc: 20.16 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



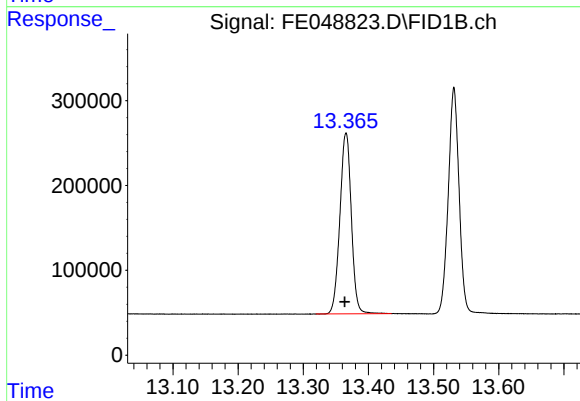
#10 n-Eicosane (C20)

R.T.: 12.921 min
Delta R.T.: 0.000 min
Response: 3126888
Conc: 20.17 ug/ml



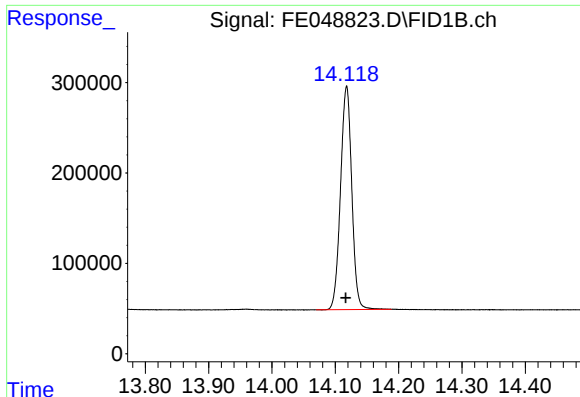
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: 0.000 min
Response: 3077835
Conc: 20.21 ug/ml



#12 1-chlorooctadecane (SURR)

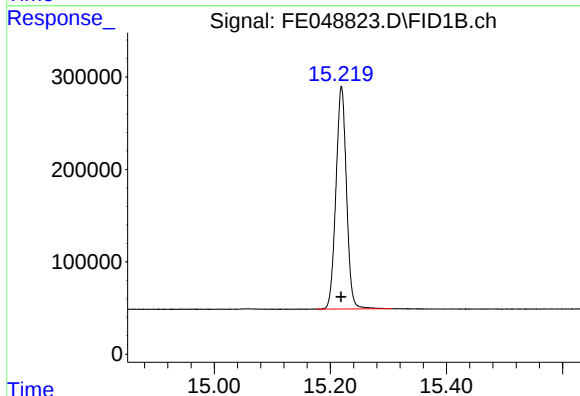
R.T.: 13.366 min
Delta R.T.: 0.002 min
Response: 2603001
Conc: 20.24 ug/ml



#13 n-Docosane (C22)

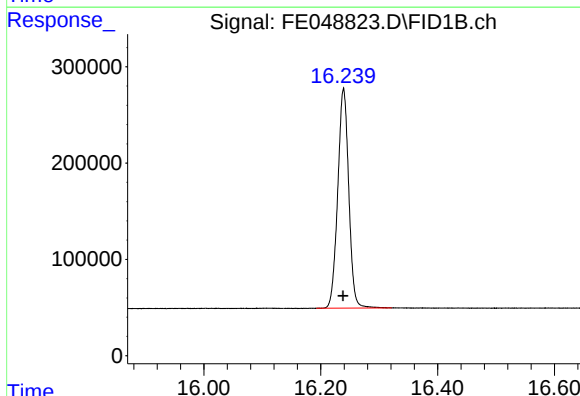
R.T.: 14.118 min
Delta R.T.: 0.001 min
Response: 3052548
Conc: 20.18 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



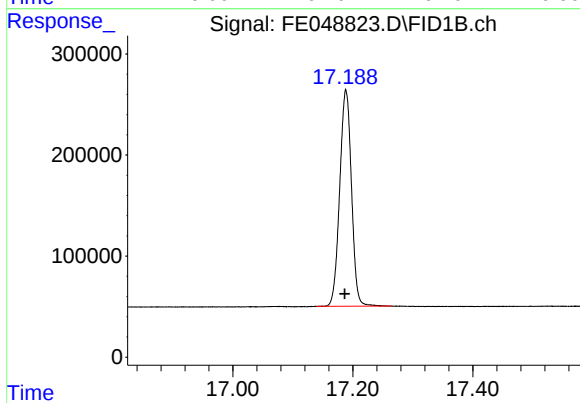
#14 n-Tetracosane (C24)

R.T.: 15.219 min
Delta R.T.: 0.000 min
Response: 3040645
Conc: 20.23 ug/ml



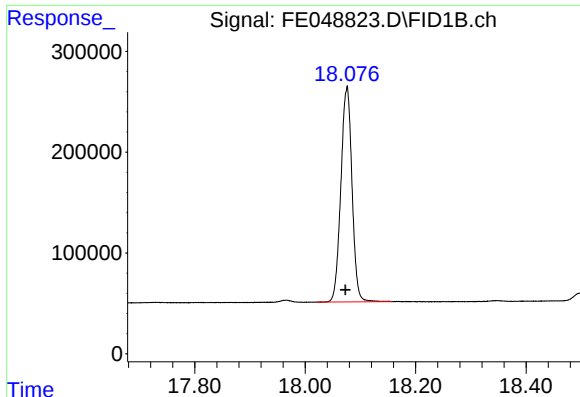
#15 n-Hexacosane (C26)

R.T.: 16.239 min
Delta R.T.: 0.000 min
Response: 2982350
Conc: 20.20 ug/ml



#16 n-Octacosane (C28)

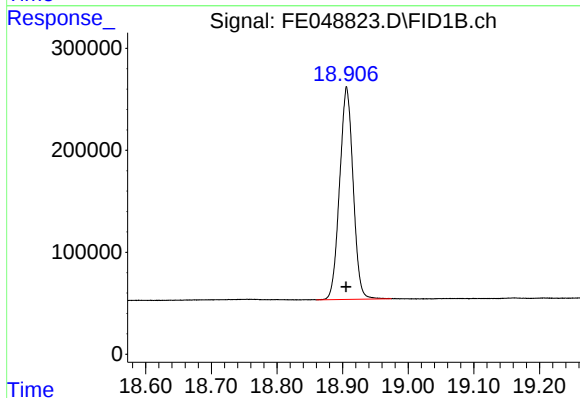
R.T.: 17.188 min
Delta R.T.: 0.002 min
Response: 2913239
Conc: 20.20 ug/ml



#17 n-Tricontane (C30)

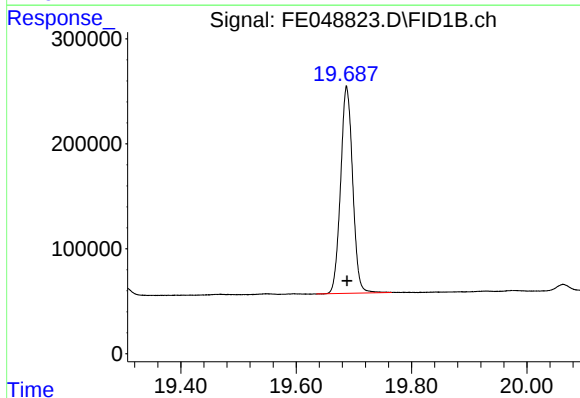
R.T.: 18.076 min
Delta R.T.: 0.003 min
Response: 2989382
Conc: 20.43 ug/ml

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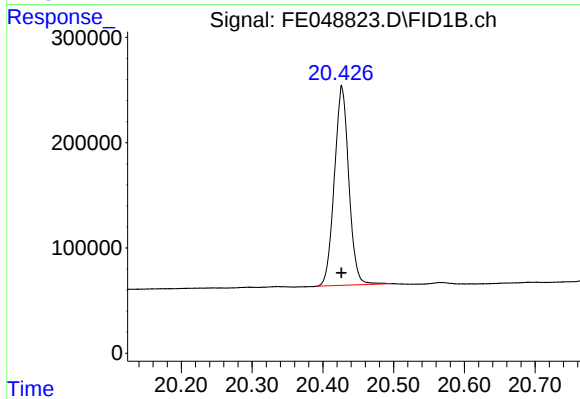
#18 n-Dotriacontane (C32)

R.T.: 18.906 min
Delta R.T.: 0.000 min
Response: 2974413
Conc: 20.80 ug/ml



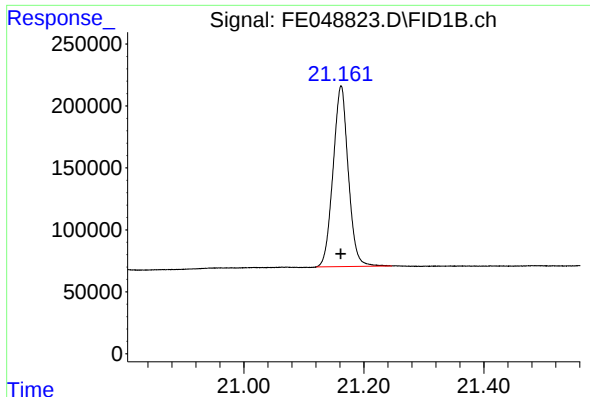
#19 n-Tetratriacontane (C34)

R.T.: 19.687 min
Delta R.T.: 0.000 min
Response: 2862863
Conc: 20.69 ug/ml



#20 n-Hexatriacontane (C36)

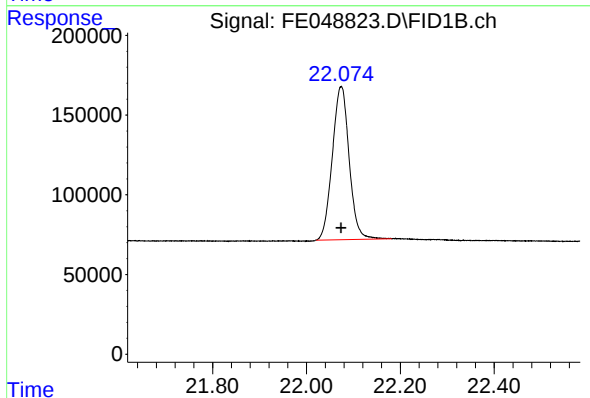
R.T.: 20.427 min
Delta R.T.: 0.000 min
Response: 2680119
Conc: 20.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.162 min
Delta R.T.: 0.000 min
Response: 2565335
Conc: 20.01 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.074 min
Delta R.T.: 0.000 min
Response: 2396445
Conc: 19.57 ug/ml