

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051425AL\
 Data File : FE053810.D
 Signal(s) : FID1B.ch
 Acq On : 14 May 2025 10:48
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: May 14 11:15:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 11:15:08 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)	11.850	3311788	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.295	2418280	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.202	2772120	20.000 ug/ml
2) T n-Decane (C10)	4.463	2778404	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.174	2996176	20.000 ug/ml
4) T n-Dodecane (C12)	6.642	2809474	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.276	2880461	20.000 ug/ml
6) T n-Tetradecane (C14)	8.477	2769021	20.000 ug/ml
7) T n-Hexadecane (C16)	10.090	2766354	20.000 ug/ml
8) T n-Octadecane (C18)	11.536	2753858	20.000 ug/ml
10) T n-Eicosane (C20)	12.850	2678807	20.000 ug/ml
11) T n-Heneicosane (C21)	13.463	2637549	20.000 ug/ml
13) T n-Docosane (C22)	14.051	2601518	20.000 ug/ml
14) T n-Tetracosane (C24)	15.156	2551002	20.000 ug/ml
15) T n-Hexacosane (C26)	16.178	2499556	20.000 ug/ml
16) T n-Octacosane (C28)	17.130	2466499	20.000 ug/ml
17) T n-Tricontane (C30)	18.019	2500963	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.853	2504263	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.639	2399569	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.381	2335320	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.112	2203566	20.000 ug/ml
22) T n-Tetracontane (C40)	22.008	2016411	20.000 ug/ml

(f)=RT Delta > 1/2 Window

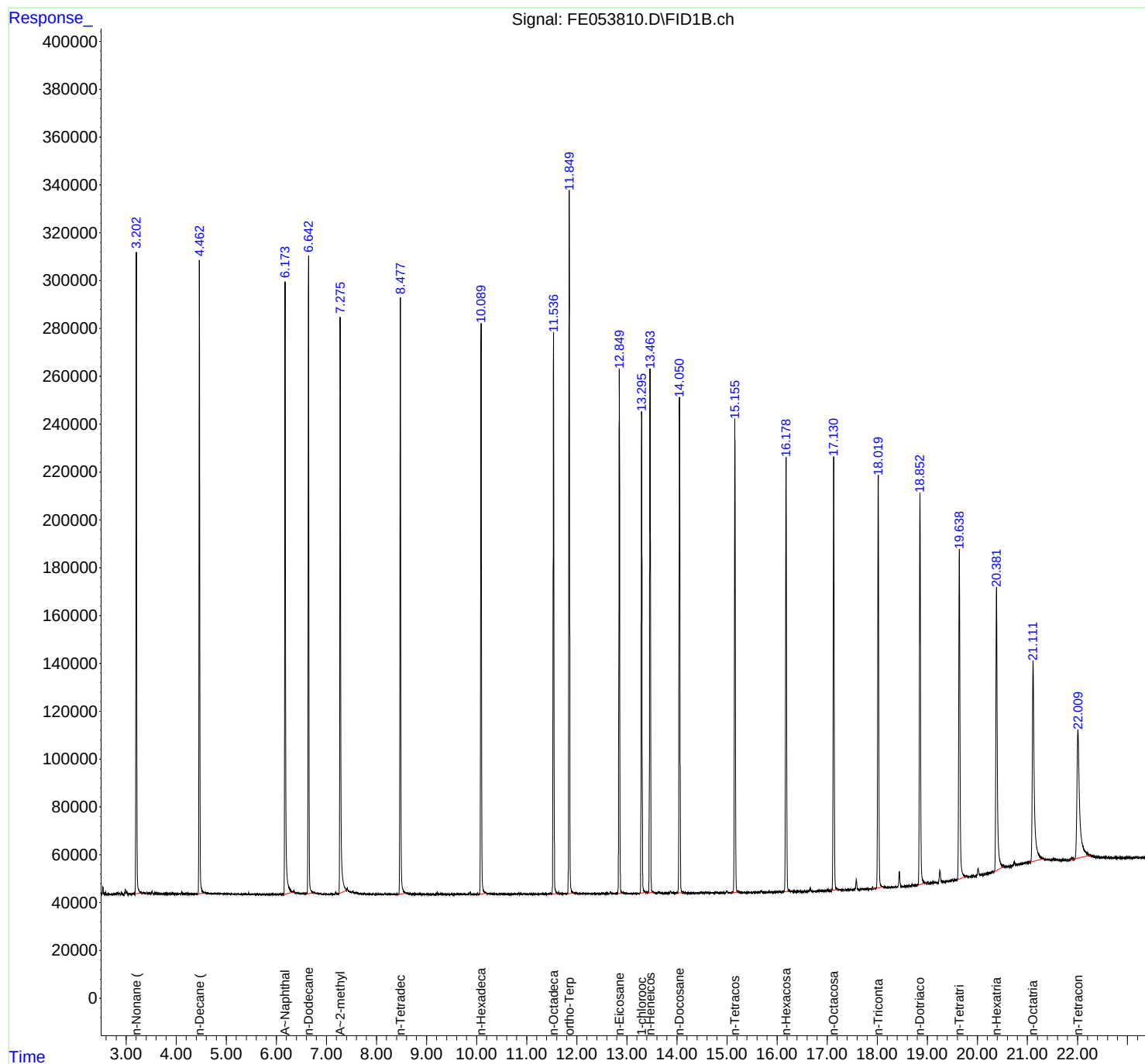
(m)=manual int.

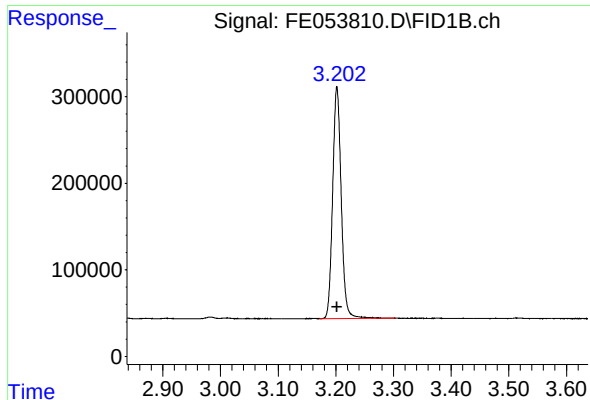
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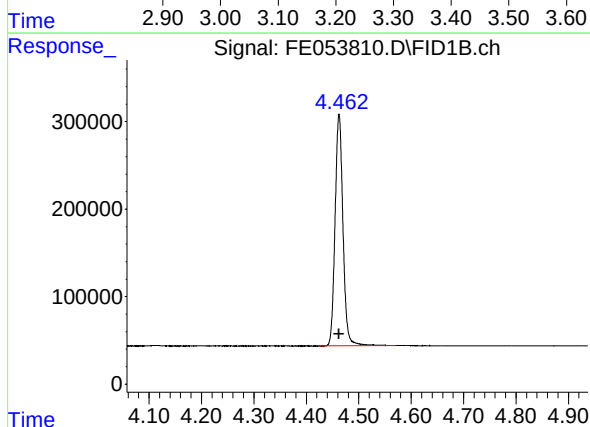




#1 n-Nonane (C9)

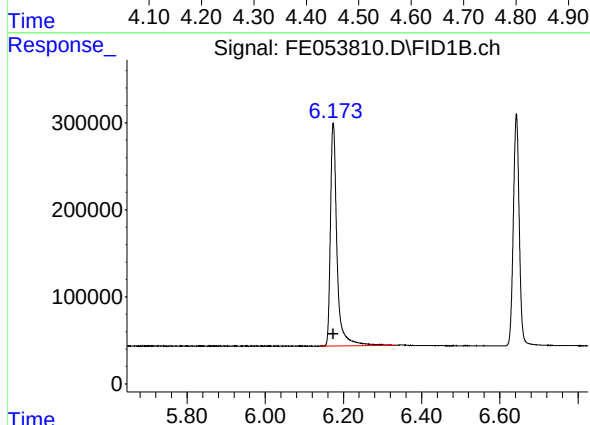
R.T.: 3.202 min
Delta R.T.: 0.000 min
Response: 2772120
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



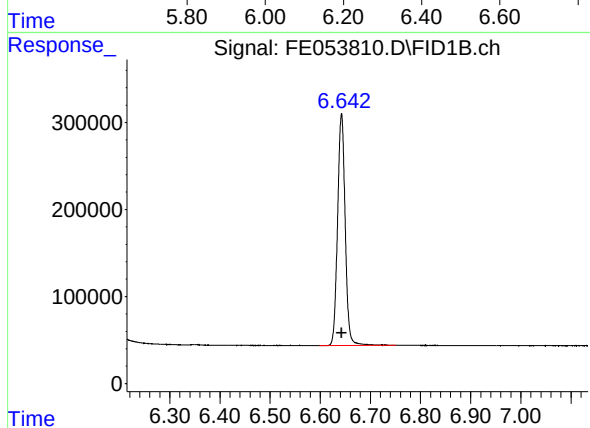
#2 n-Decane (C10)

R.T.: 4.463 min
Delta R.T.: 0.000 min
Response: 2778404
Conc: 20.00 ug/ml



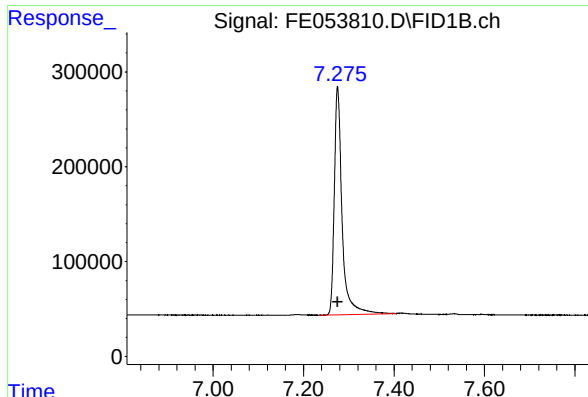
#3 A~Naphthalene (C11.7)

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 2996176
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

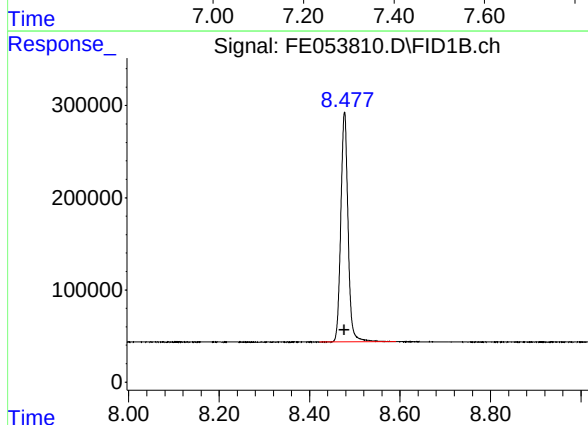
R.T.: 6.642 min
Delta R.T.: 0.000 min
Response: 2809474
Conc: 20.00 ug/ml



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

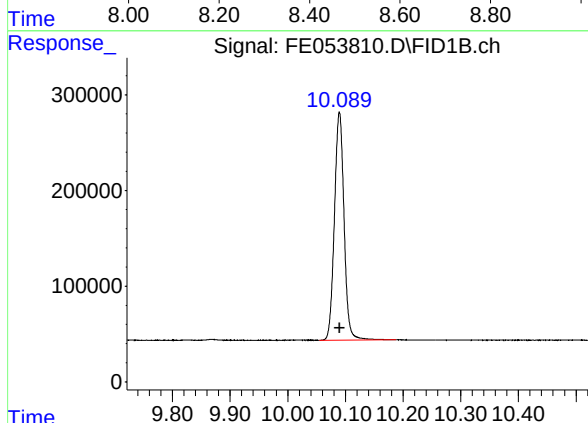
R.T.: 7.276 min
Delta R.T.: 0.000 min
Response: 2880461
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



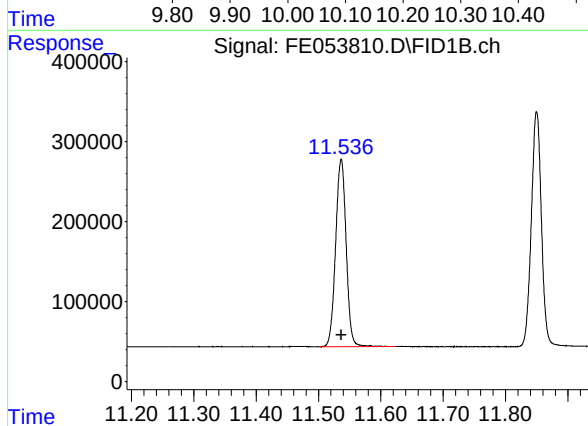
#6 n-Tetradecane (C14)

R.T.: 8.477 min
Delta R.T.: 0.000 min
Response: 2769021
Conc: 20.00 ug/ml



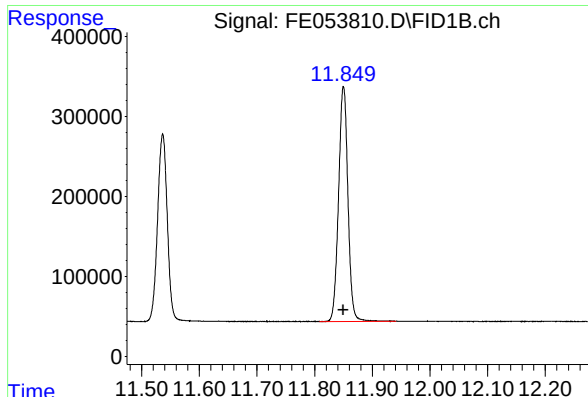
#7 n-Hexadecane (C16)

R.T.: 10.090 min
Delta R.T.: 0.000 min
Response: 2766354
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

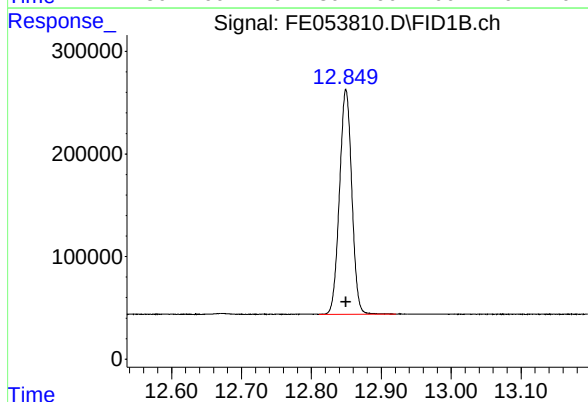
R.T.: 11.536 min
Delta R.T.: 0.000 min
Response: 2753858
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

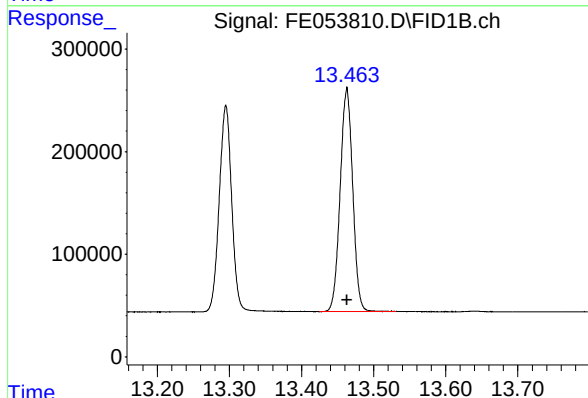
R.T.: 11.850 min
Delta R.T.: 0.000 min
Response: 3311788
Conc: 20.00 ug/ml

Instrument :
FID_E
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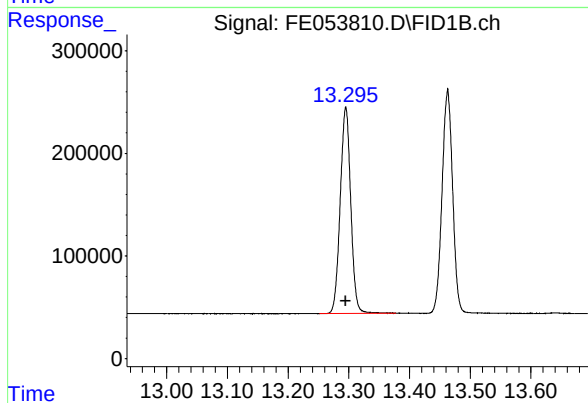
#10 n-Eicosane (C20)

R.T.: 12.850 min
Delta R.T.: 0.000 min
Response: 2678807
Conc: 20.00 ug/ml



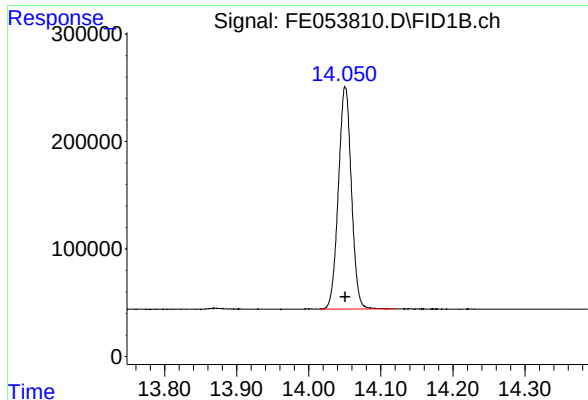
#11 n-Heneicosane (C21)

R.T.: 13.463 min
Delta R.T.: 0.000 min
Response: 2637549
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

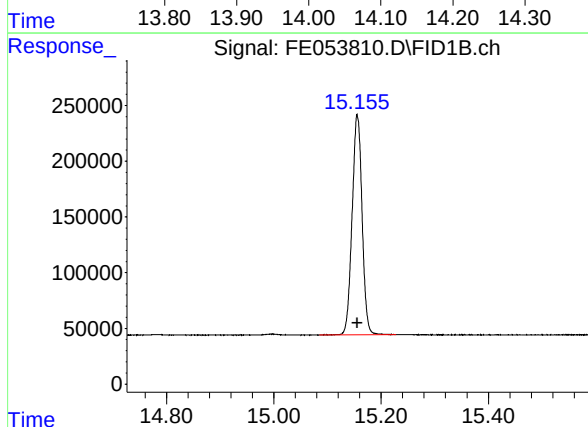
R.T.: 13.295 min
Delta R.T.: 0.000 min
Response: 2418280
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

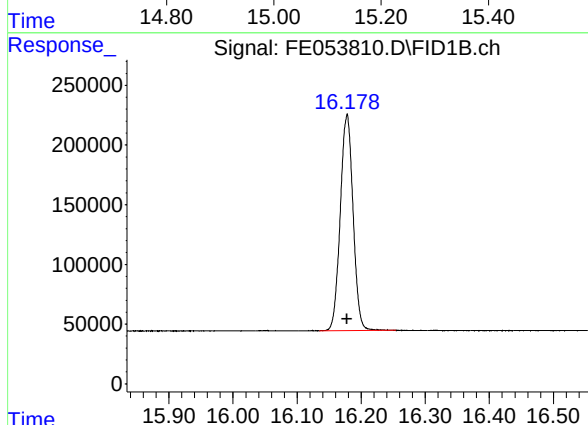
R.T.: 14.051 min
Delta R.T.: 0.000 min
Response: 2601518
Conc: 20.00 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD3



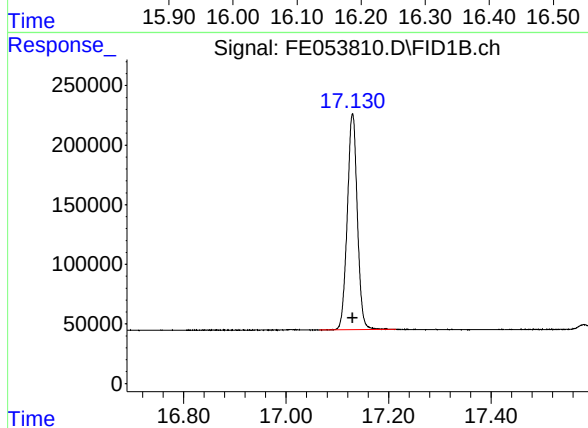
#14 n-Tetracosane (C24)

R.T.: 15.156 min
Delta R.T.: 0.000 min
Response: 2551002
Conc: 20.00 ug/ml



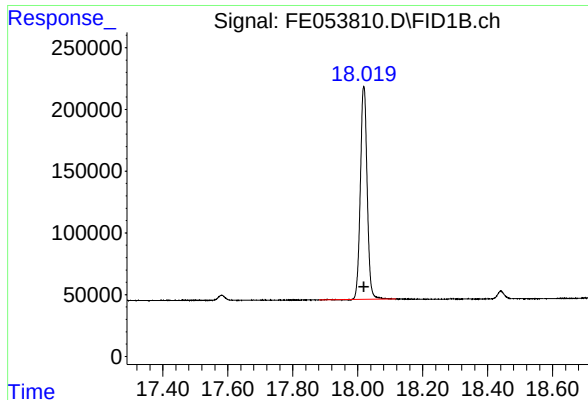
#15 n-Hexacosane (C26)

R.T.: 16.178 min
Delta R.T.: 0.000 min
Response: 2499556
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

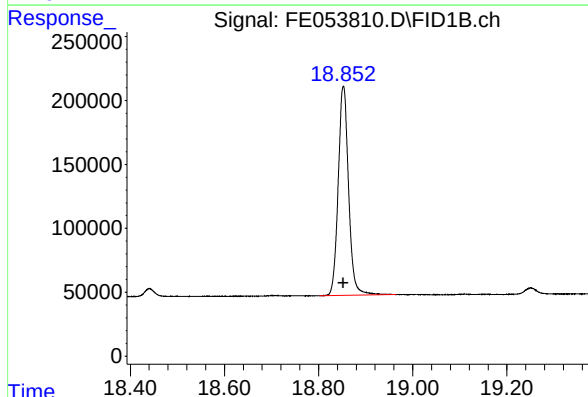
R.T.: 17.130 min
Delta R.T.: 0.000 min
Response: 2466499
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

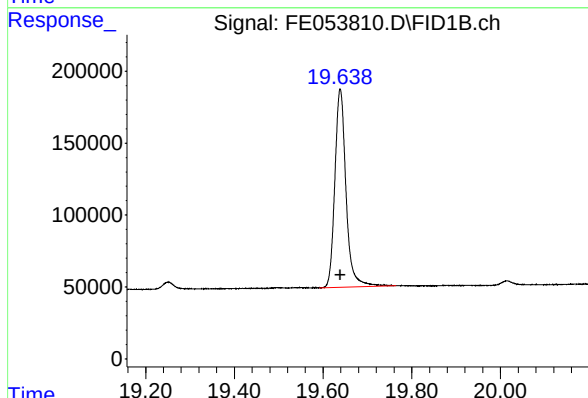
R.T.: 18.019 min
Delta R.T.: 0.000 min
Response: 2500963
Conc: 20.00 ug/ml

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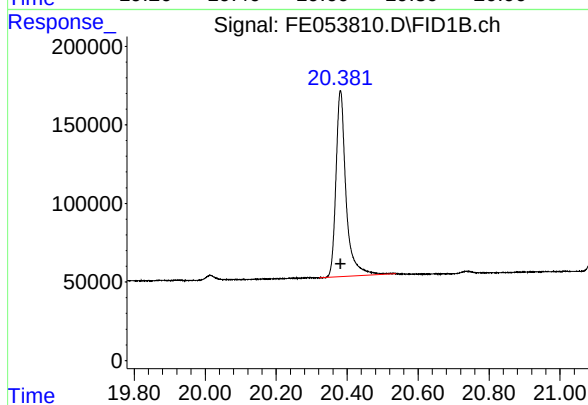
#18 n-Dotriacontane (C32)

R.T.: 18.853 min
Delta R.T.: 0.000 min
Response: 2504263
Conc: 20.00 ug/ml



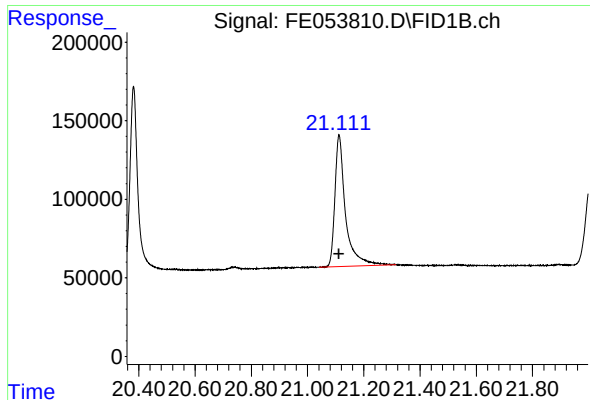
#19 n-Tetatriacontane (C34)

R.T.: 19.639 min
Delta R.T.: 0.000 min
Response: 2399569
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

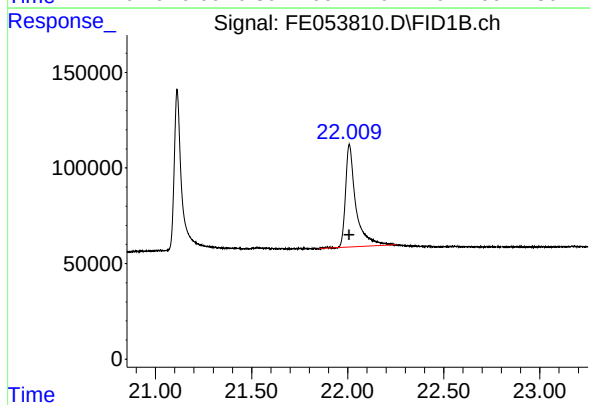
R.T.: 20.381 min
Delta R.T.: 0.000 min
Response: 2335320
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.112 min
Delta R.T.: 0.000 min
Response: 2203566
Conc: 20.00 ug/ml

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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.008 min
Delta R.T.: 0.000 min
Response: 2016411
Conc: 20.00 ug/ml