

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082625AL\
 Data File : FE055527.D
 Signal(s) : FID1B.ch
 Acq On : 27 Aug 2025 02:34
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Aug 27 03:28:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.078	2746213	19.231 ug/ml
Spiked Amount 50.000		Recovery =	38.46%
12) S 1-chlorooctadecane (S...	13.514	2104872	19.576 ug/ml
Spiked Amount 50.000		Recovery =	39.15%
Target Compounds			
1) T n-Nonane (C9)	3.415	2038326	17.760 ug/ml
2) T n-Decane (C10)	4.673	2109324	18.106 ug/ml
3) T A~Naphthalene (C11.7)	6.393	2400845	17.886 ug/ml
4) T n-Dodecane (C12)	6.849	2151803	18.070 ug/ml
5) T A~2-methylnaphthalene...	7.494	2340200	17.949 ug/ml
6) T n-Tetradecane (C14)	8.686	2185053	17.821 ug/ml
7) T n-Hexadecane (C16)	10.301	2307964	18.053 ug/ml
8) T n-Octadecane (C18)	11.751	2442495	18.720 ug/ml
10) T n-Eicosane (C20)	13.066	2408942	19.199 ug/ml
11) T n-Heneicosane (C21)	13.681	2392757	19.411 ug/ml
13) T n-Docosane (C22)	14.269	2424043	19.850 ug/ml
14) T n-Tetracosane (C24)	15.375	2464630	20.263 ug/ml
15) T n-Hexacosane (C26)	16.399	2425032	20.268 ug/ml
16) T n-Octacosane (C28)	17.353	2480956	20.915 ug/ml
17) T n-Tricontane (C30)	18.241	2774224	22.546 ug/ml
18) T n-Dotriacontane (C32)	19.075	2975301	24.385 ug/ml
19) T n-Tetratriacontane (C34)	19.861	2852369	24.396 ug/ml
20) T n-Hexatriacontane (C36)	20.603	2524221	23.095 ug/ml
21) T n-Octatriacontane (C38)	21.381	2354927	21.791 ug/ml
22) T n-Tetracontane (C40)	22.370	2191107	20.953 ug/ml

(f)=RT Delta > 1/2 Window

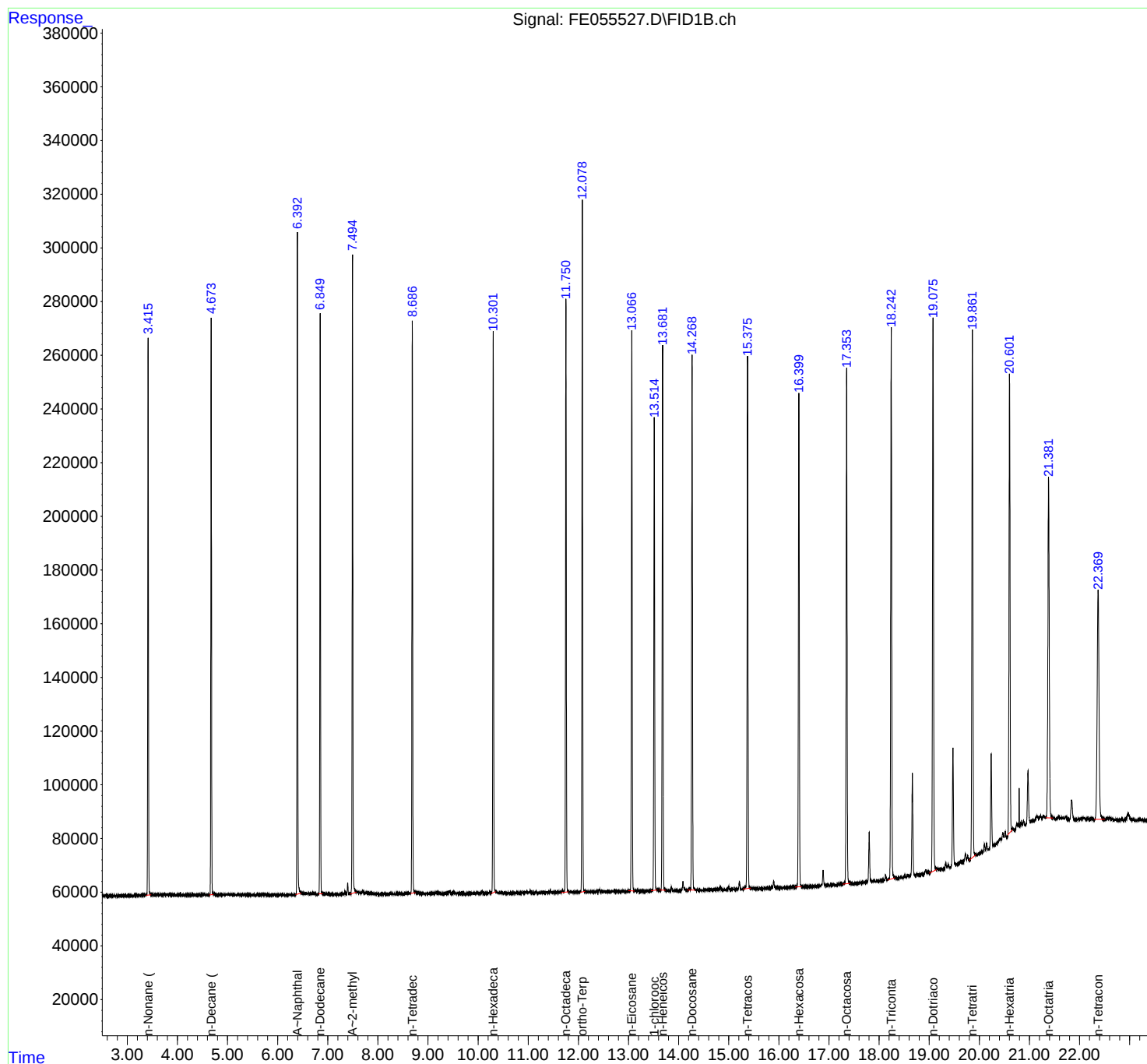
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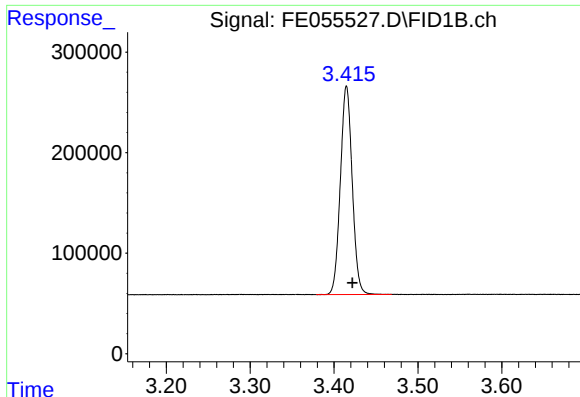
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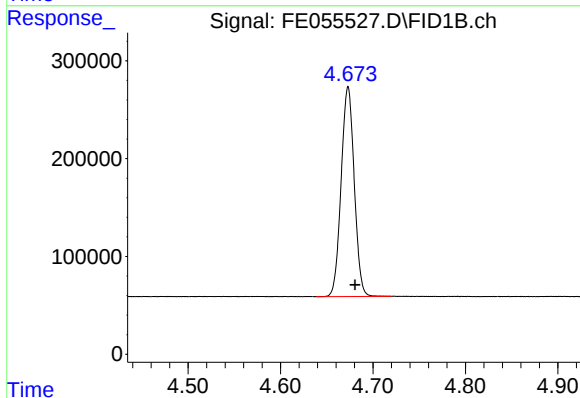




#1 n-Nonane (C9)

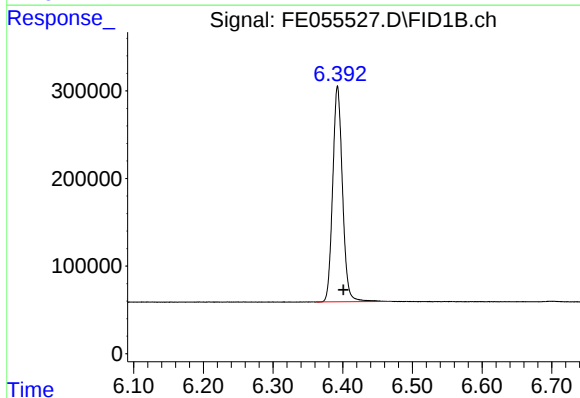
R.T.: 3.415 min
Delta R.T.: -0.007 min
Response: 2038326
Conc: 17.76 ug/ml

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20 PPM ALIPHATIC HC STD



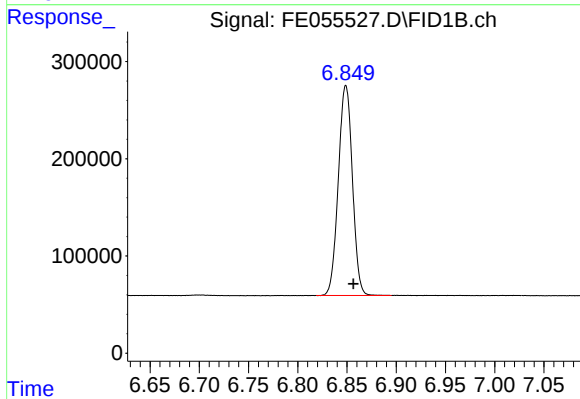
#2 n-Decane (C10)

R.T.: 4.673 min
Delta R.T.: -0.008 min
Response: 2109324
Conc: 18.11 ug/ml



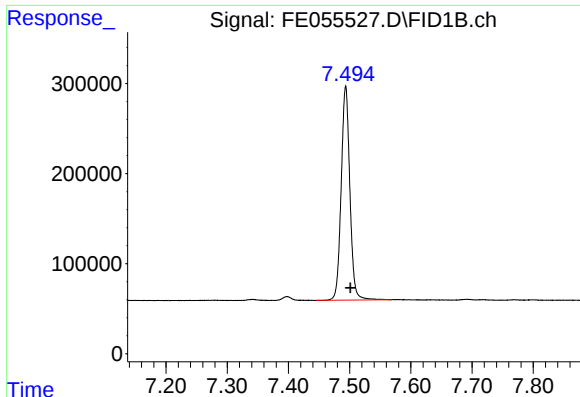
#3 A~Naphthalene (C11.7)

R.T.: 6.393 min
Delta R.T.: -0.008 min
Response: 2400845
Conc: 17.89 ug/ml



#4 n-Dodecane (C12)

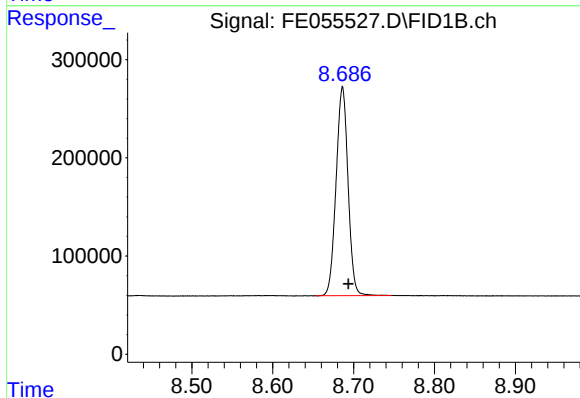
R.T.: 6.849 min
Delta R.T.: -0.008 min
Response: 2151803
Conc: 18.07 ug/ml



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

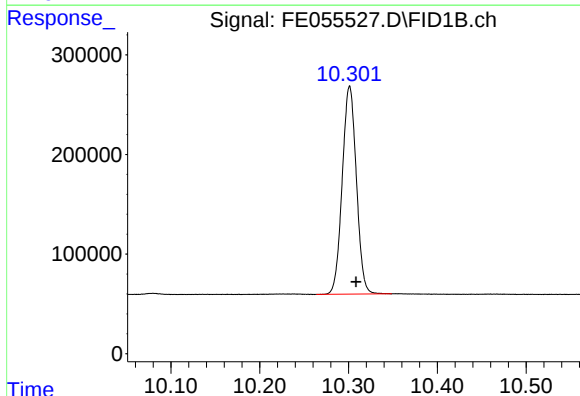
R.T.: 7.494 min
Delta R.T.: -0.008 min
Response: 2340200
Conc: 17.95 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



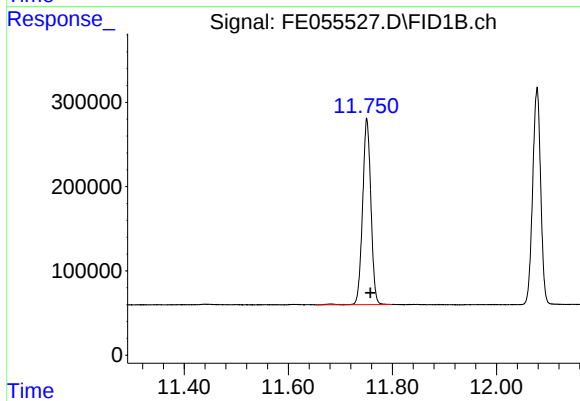
#6 n-Tetradecane (C14)

R.T.: 8.686 min
Delta R.T.: -0.007 min
Response: 2185053
Conc: 17.82 ug/ml



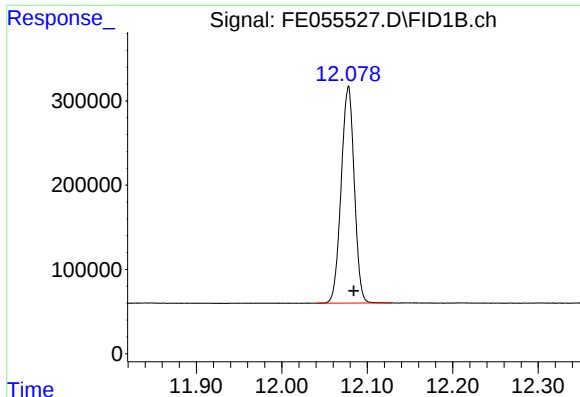
#7 n-Hexadecane (C16)

R.T.: 10.301 min
Delta R.T.: -0.007 min
Response: 2307964
Conc: 18.05 ug/ml



#8 n-Octadecane (C18)

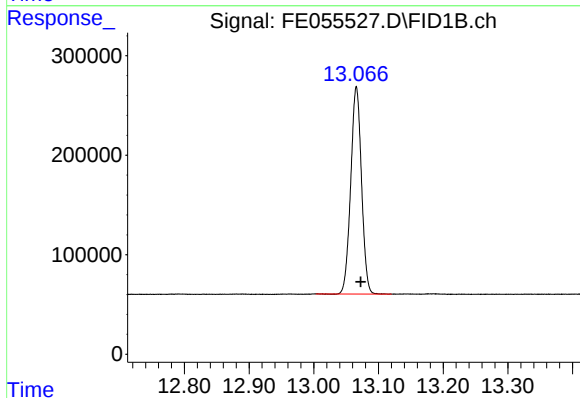
R.T.: 11.751 min
Delta R.T.: -0.007 min
Response: 2442495
Conc: 18.72 ug/ml



#9 ortho-Terphenyl (SURR)

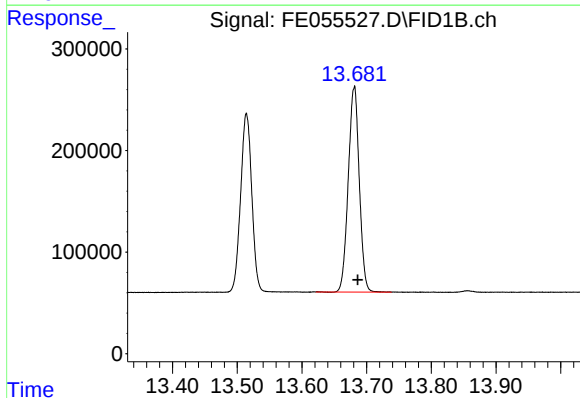
R.T.: 12.078 min
Delta R.T.: -0.006 min
Response: 2746213
Conc: 19.23 ug/ml

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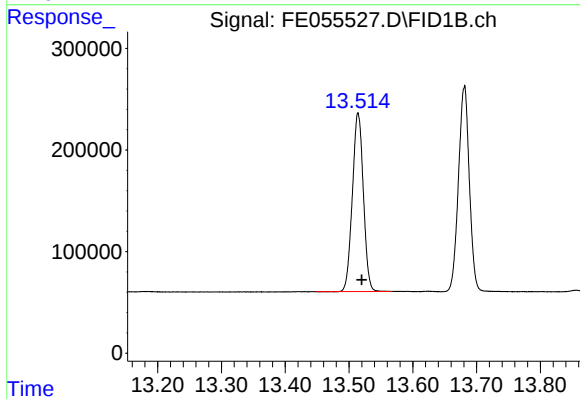
#10 n-Eicosane (C20)

R.T.: 13.066 min
Delta R.T.: -0.006 min
Response: 2408942
Conc: 19.20 ug/ml



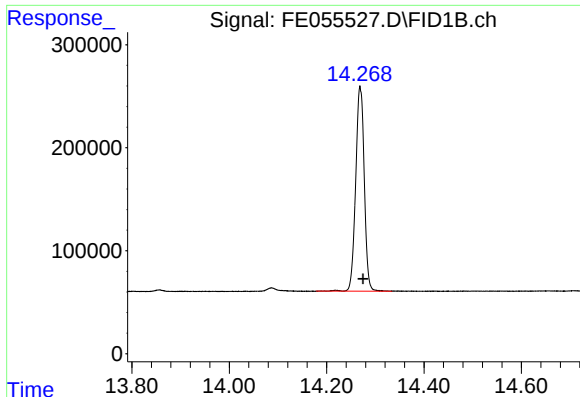
#11 n-Heneicosane (C21)

R.T.: 13.681 min
Delta R.T.: -0.006 min
Response: 2392757
Conc: 19.41 ug/ml



#12 1-chlorooctadecane (SURR)

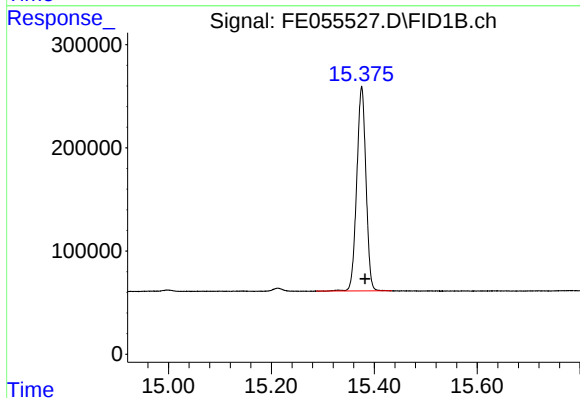
R.T.: 13.514 min
Delta R.T.: -0.006 min
Response: 2104872
Conc: 19.58 ug/ml



#13 n-Docosane (C22)

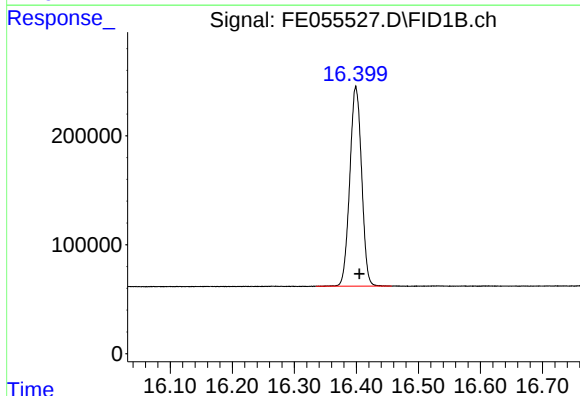
R.T.: 14.269 min
Delta R.T.: -0.006 min
Response: 2424043
Conc: 19.85 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



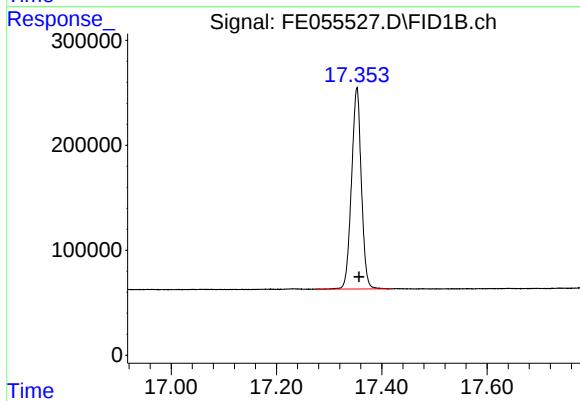
#14 n-Tetracosane (C24)

R.T.: 15.375 min
Delta R.T.: -0.006 min
Response: 2464630
Conc: 20.26 ug/ml



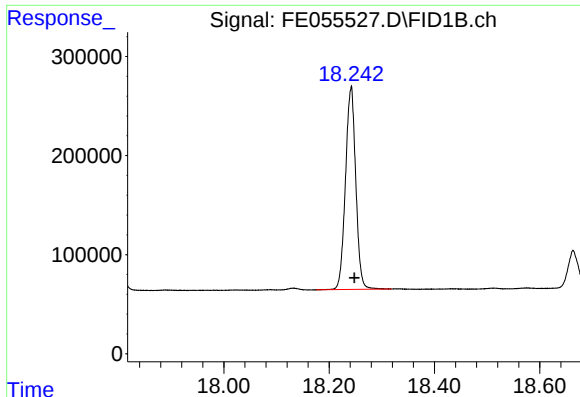
#15 n-Hexacosane (C26)

R.T.: 16.399 min
Delta R.T.: -0.006 min
Response: 2425032
Conc: 20.27 ug/ml



#16 n-Octacosane (C28)

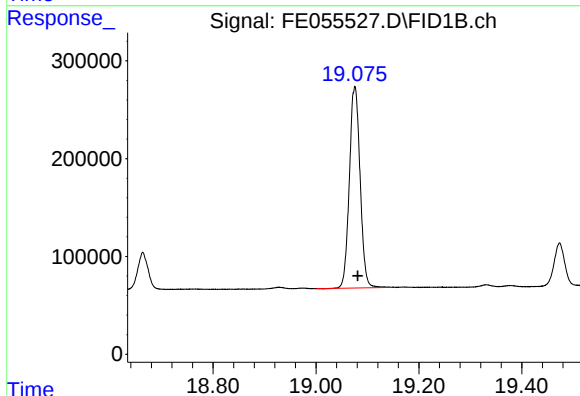
R.T.: 17.353 min
Delta R.T.: -0.004 min
Response: 2480956
Conc: 20.91 ug/ml



#17 n-Tricontane (C30)

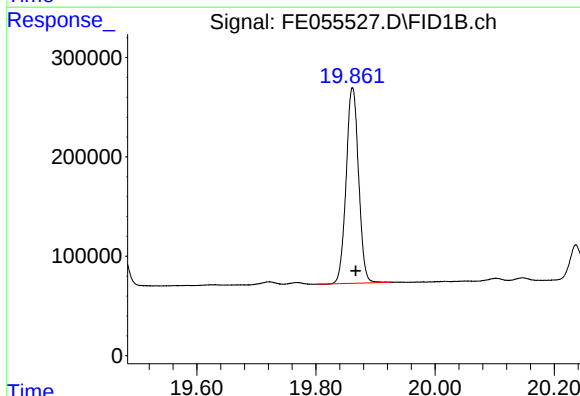
R.T.: 18.241 min
Delta R.T.: -0.007 min
Response: 2774224
Conc: 22.55 ug/ml

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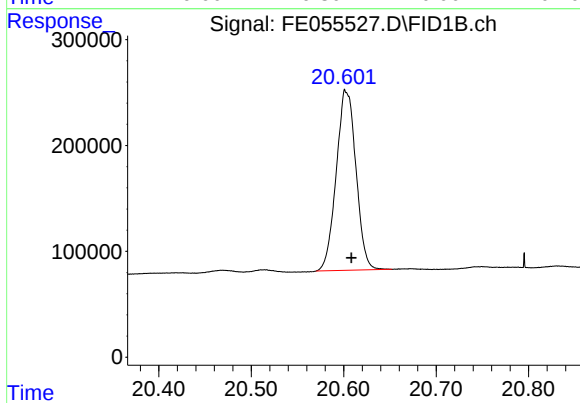
#18 n-Dotriacontane (C32)

R.T.: 19.075 min
Delta R.T.: -0.006 min
Response: 2975301
Conc: 24.39 ug/ml



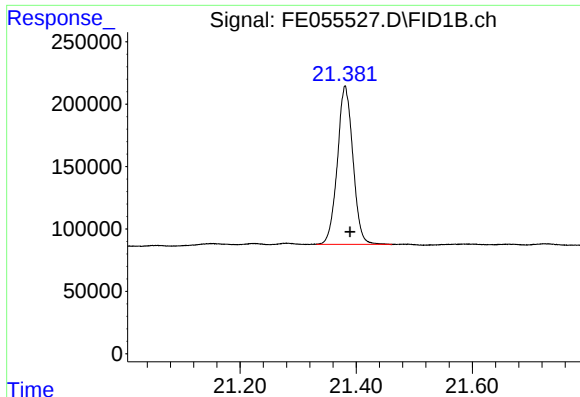
#19 n-Tetratriacontane (C34)

R.T.: 19.861 min
Delta R.T.: -0.005 min
Response: 2852369
Conc: 24.40 ug/ml



#20 n-Hexatriacontane (C36)

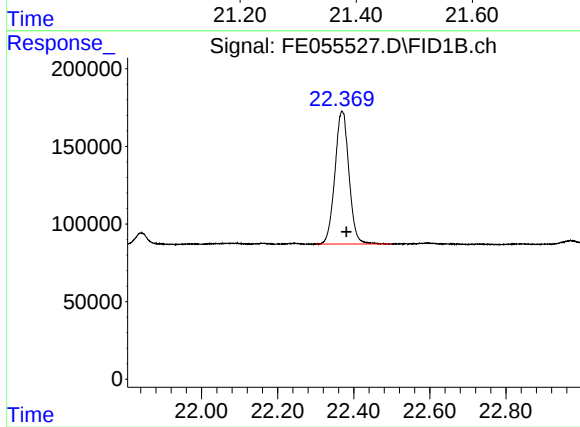
R.T.: 20.603 min
Delta R.T.: -0.005 min
Response: 2524221
Conc: 23.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.381 min
Delta R.T.: -0.009 min
Response: 2354927
Conc: 21.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.370 min
Delta R.T.: -0.011 min
Response: 2191107
Conc: 20.95 ug/ml