

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052725AL\
 Data File : FE054020.D
 Signal(s) : FID1B.ch
 Acq On : 27 May 2025 13:36
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 27 13:58:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.848	3217181	19.797 ug/ml
Spiked Amount 50.000		Recovery =	39.59%
12) S 1-chlorooctadecane (S...	13.294	2353511	19.853 ug/ml
Spiked Amount 50.000		Recovery =	39.71%
Target Compounds			
1) T n-Nonane (C9)	3.192	2368409	17.524 ug/ml
2) T n-Decane (C10)	4.456	2415576	17.876 ug/ml
3) T A~Naphthalene (C11.7)	6.172	2672315	18.595 ug/ml
4) T n-Dodecane (C12)	6.638	2492329	18.271 ug/ml
5) T A~2-methylnaphthalene...	7.274	2627505	18.943 ug/ml
6) T n-Tetradecane (C14)	8.474	2538632	18.812 ug/ml
7) T n-Hexadecane (C16)	10.086	2605339	19.308 ug/ml
8) T n-Octadecane (C18)	11.534	2638691	19.595 ug/ml
10) T n-Eicosane (C20)	12.848	2608103	19.844 ug/ml
11) T n-Heneicosane (C21)	13.461	2587053	19.955 ug/ml
13) T n-Docosane (C22)	14.048	2565491	20.110 ug/ml
14) T n-Tetracosane (C24)	15.154	2521637	20.154 ug/ml
15) T n-Hexacosane (C26)	16.178	2474175	20.205 ug/ml
16) T n-Octacosane (C28)	17.129	2456976	20.211 ug/ml
17) T n-Tricontane (C30)	18.019	2523812	20.261 ug/ml
18) T n-Dotriacontane (C32)	18.854	2534311	20.266 ug/ml
19) T n-Tetratriacontane (C34)	19.640	2413044	20.257 ug/ml
20) T n-Hexatriacontane (C36)	20.381	2391277	20.652 ug/ml
21) T n-Octatriacontane (C38)	21.111	2354726	21.638 ug/ml
22) T n-Tetracontane (C40)	22.008	2261608	22.791 ug/ml

(f)=RT Delta > 1/2 Window

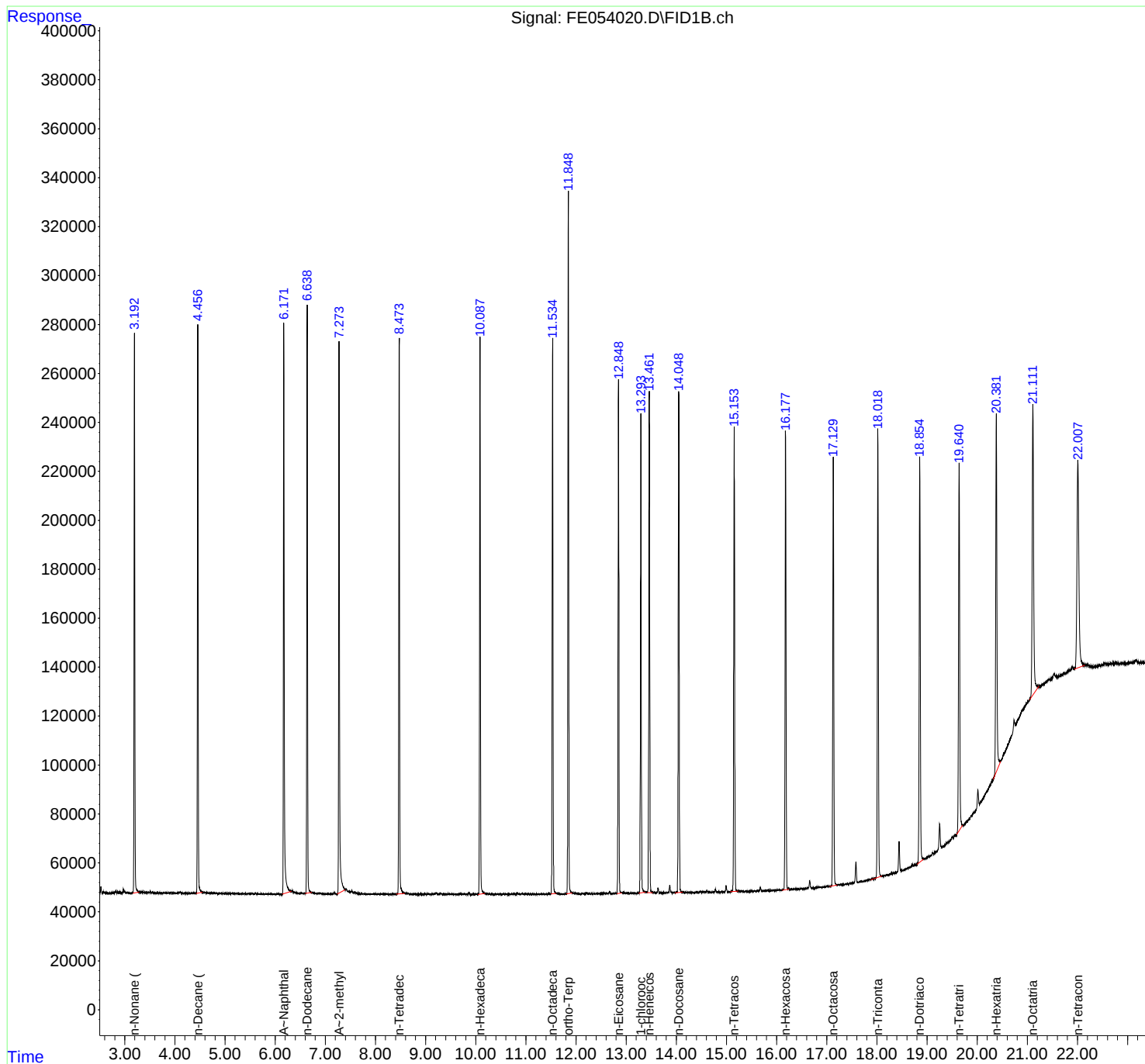
(m)=manual int.

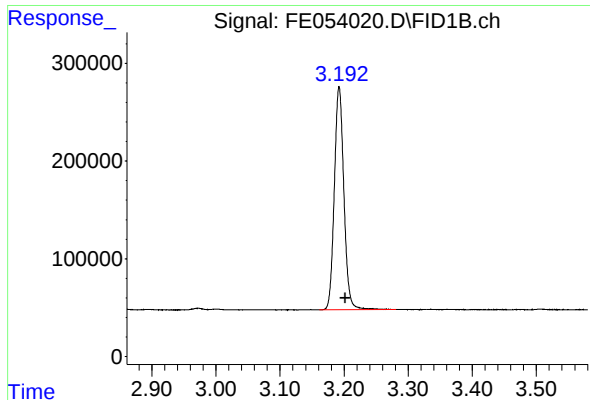
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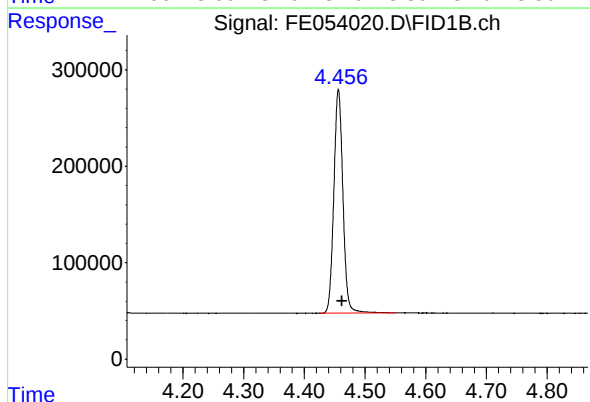




#1 n-Nonane (C9)

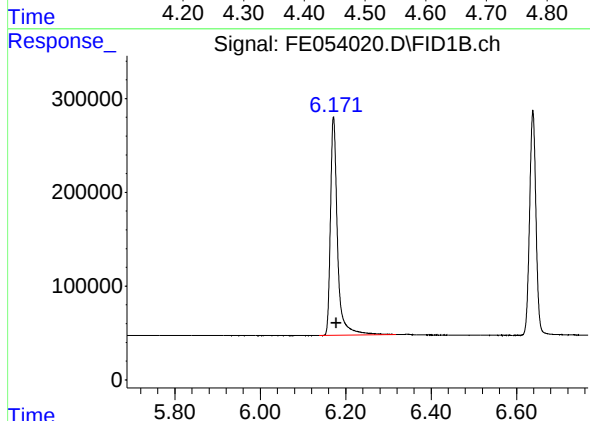
R.T.: 3.192 min
Delta R.T.: -0.010 min
Response: 2368409
Conc: 17.52 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



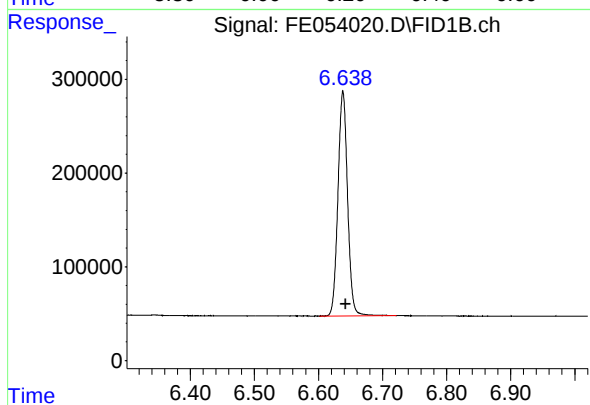
#2 n-Decane (C10)

R.T.: 4.456 min
Delta R.T.: -0.006 min
Response: 2415576
Conc: 17.88 ug/ml



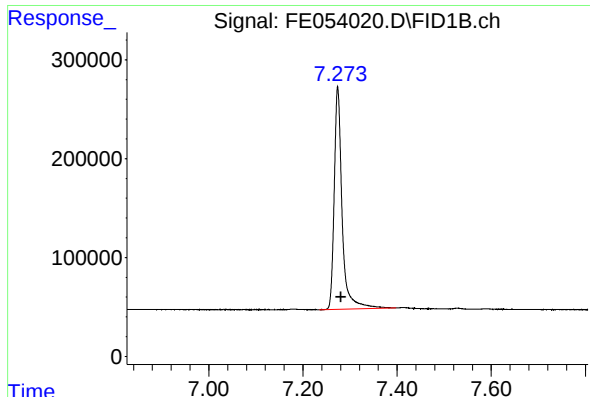
#3 A~Naphthalene (C11.7)

R.T.: 6.172 min
Delta R.T.: -0.007 min
Response: 2672315
Conc: 18.59 ug/ml



#4 n-Dodecane (C12)

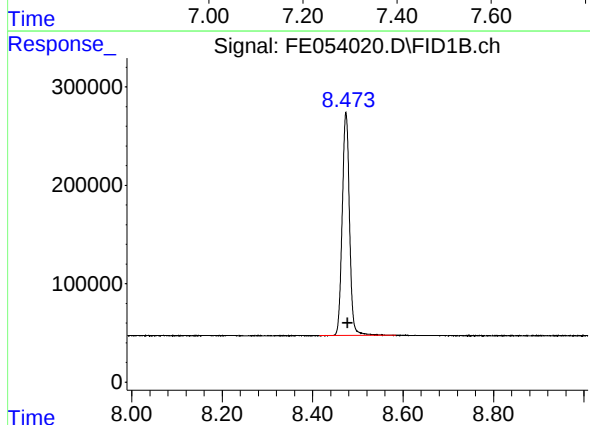
R.T.: 6.638 min
Delta R.T.: -0.004 min
Response: 2492329
Conc: 18.27 ug/ml



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

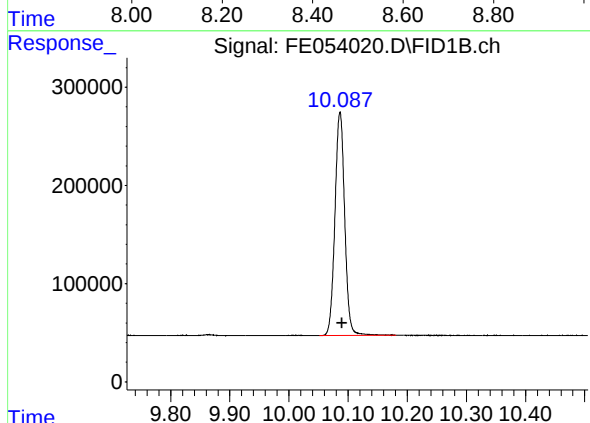
R.T.: 7.274 min
Delta R.T.: -0.006 min
Response: 2627505
Conc: 18.94 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



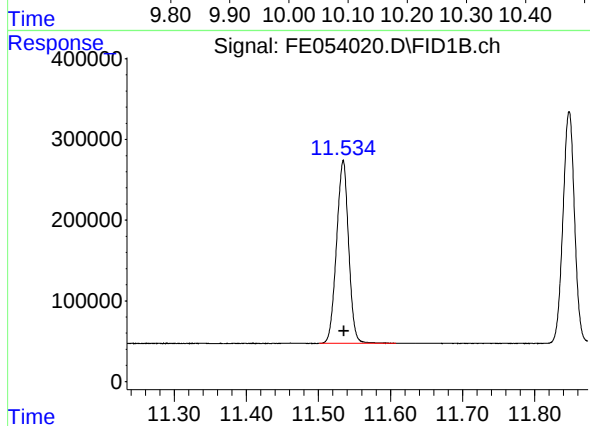
#6 n-Tetradecane (C14)

R.T.: 8.474 min
Delta R.T.: -0.003 min
Response: 2538632
Conc: 18.81 ug/ml



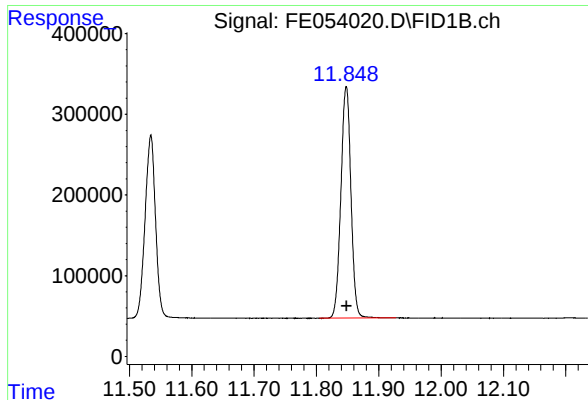
#7 n-Hexadecane (C16)

R.T.: 10.086 min
Delta R.T.: -0.003 min
Response: 2605339
Conc: 19.31 ug/ml



#8 n-Octadecane (C18)

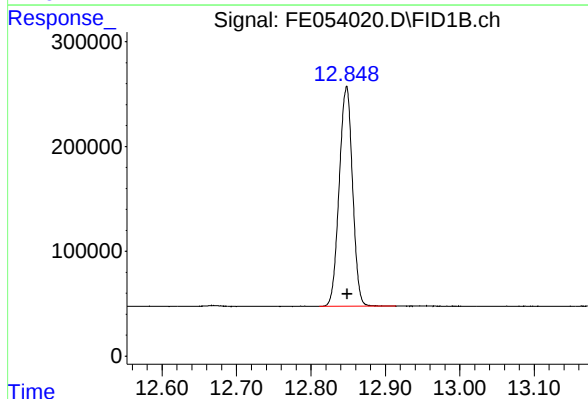
R.T.: 11.534 min
Delta R.T.: -0.002 min
Response: 2638691
Conc: 19.60 ug/ml



#9 ortho-Terphenyl (SURR)

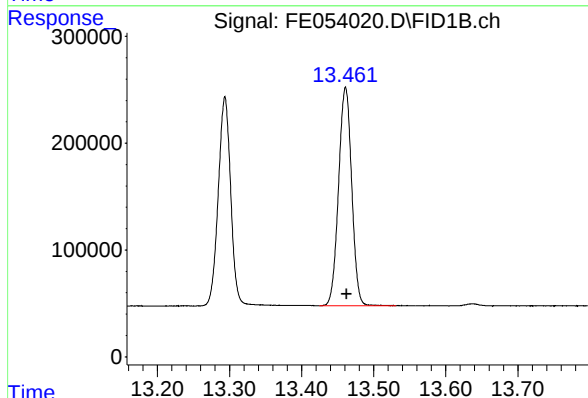
R.T.: 11.848 min
Delta R.T.: 0.000 min
Response: 3217181
Conc: 19.80 ug/ml

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20 PPM ALIPHATIC HC STD



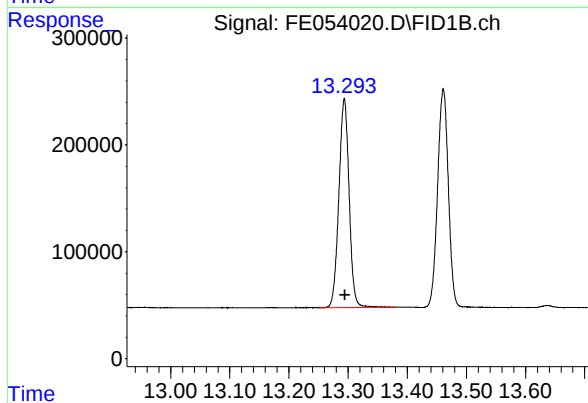
#10 n-Eicosane (C20)

R.T.: 12.848 min
Delta R.T.: -0.001 min
Response: 2608103
Conc: 19.84 ug/ml



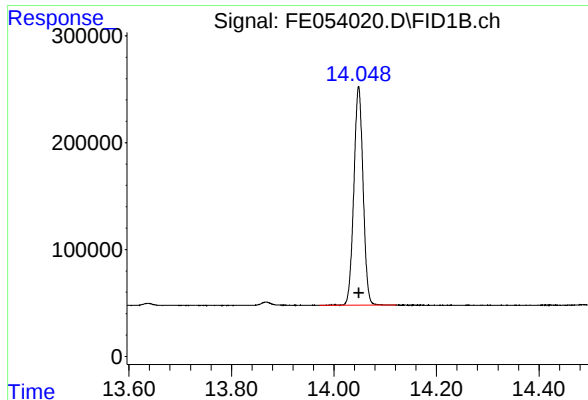
#11 n-Heneicosane (C21)

R.T.: 13.461 min
Delta R.T.: -0.001 min
Response: 2587053
Conc: 19.96 ug/ml



#12 1-chlorooctadecane (SURR)

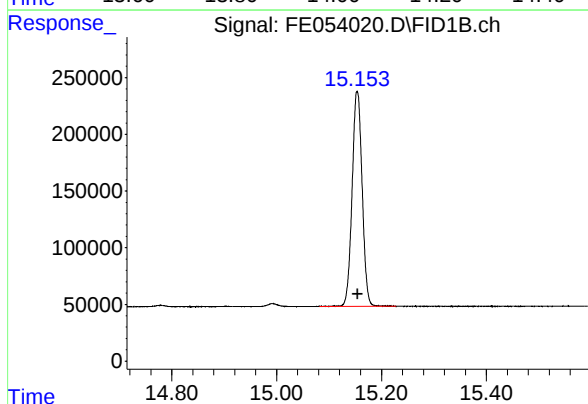
R.T.: 13.294 min
Delta R.T.: 0.000 min
Response: 2353511
Conc: 19.85 ug/ml



#13 n-Docosane (C22)

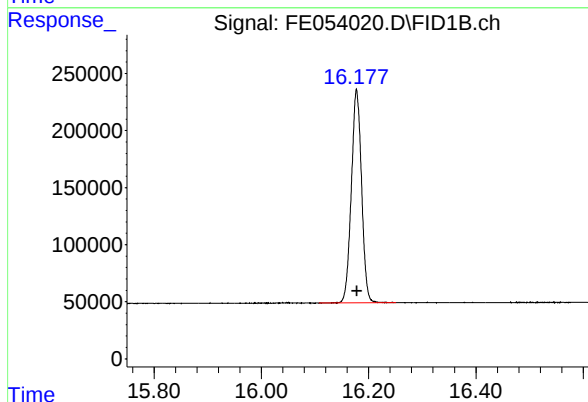
R.T.: 14.048 min
Delta R.T.: -0.001 min
Response: 2565491
Conc: 20.11 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



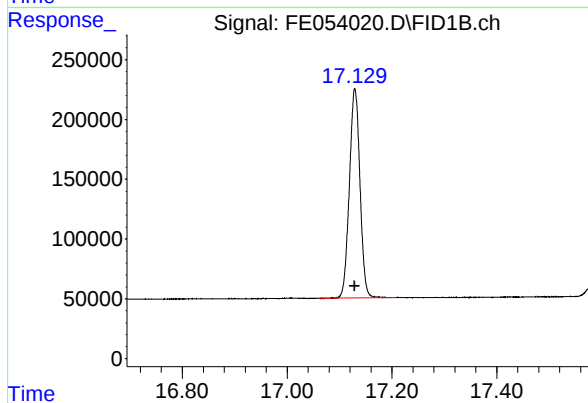
#14 n-Tetracosane (C24)

R.T.: 15.154 min
Delta R.T.: 0.000 min
Response: 2521637
Conc: 20.15 ug/ml



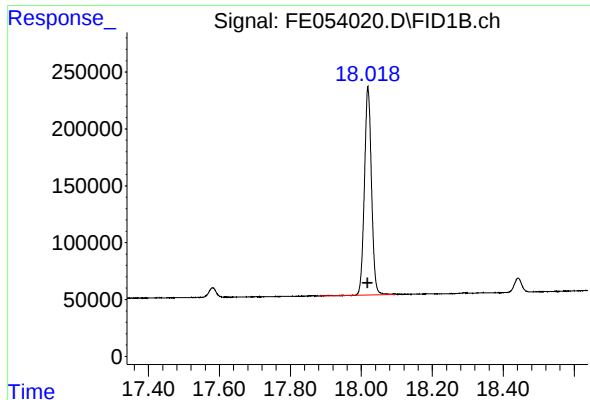
#15 n-Hexacosane (C26)

R.T.: 16.178 min
Delta R.T.: 0.000 min
Response: 2474175
Conc: 20.21 ug/ml



#16 n-Octacosane (C28)

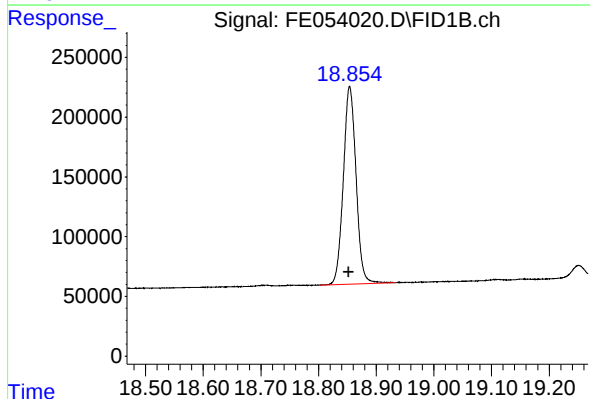
R.T.: 17.129 min
Delta R.T.: 0.000 min
Response: 2456976
Conc: 20.21 ug/ml



#17 n-Tricontane (C30)

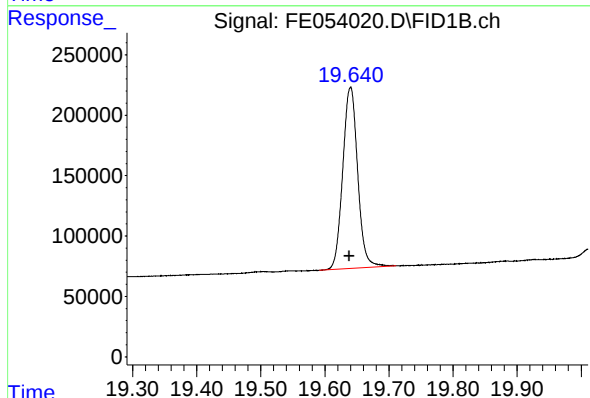
R.T.: 18.019 min
Delta R.T.: 0.000 min
Response: 2523812
Conc: 20.26 ug/ml

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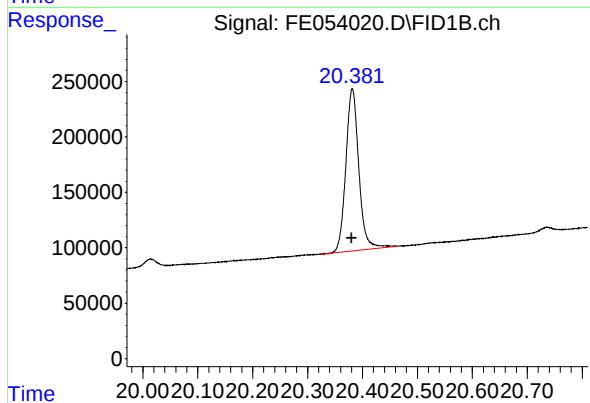
#18 n-Dotriacontane (C32)

R.T.: 18.854 min
Delta R.T.: 0.002 min
Response: 2534311
Conc: 20.27 ug/ml



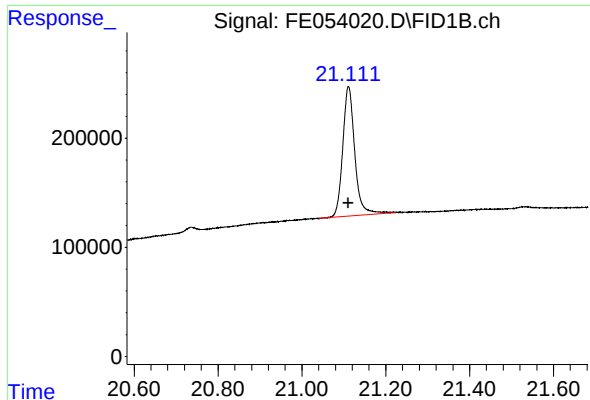
#19 n-Tetratriacontane (C34)

R.T.: 19.640 min
Delta R.T.: 0.002 min
Response: 2413044
Conc: 20.26 ug/ml



#20 n-Hexatriacontane (C36)

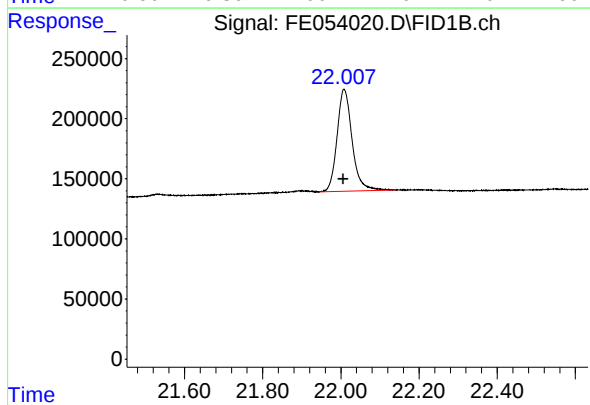
R.T.: 20.381 min
Delta R.T.: 0.001 min
Response: 2391277
Conc: 20.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.111 min
Delta R.T.: 0.000 min
Response: 2354726
Conc: 21.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.008 min
Delta R.T.: 0.001 min
Response: 2261608
Conc: 22.79 ug/ml