

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022023AL\
 Data File : FE040450.D
 Signal(s) : FID1B.ch
 Acq On : 20 Feb 2023 22:09
 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: Feb 21 02:09:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 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)	11.888	3257345	20.124 ug/ml
Spiked Amount 50.000		Recovery =	40.25%
12) S 1-chlorooctadecane (S...	13.327	2472596	19.937 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
Target Compounds			
1) T n-Nonane (C9)	3.280	2734279	20.090 ug/ml
2) T n-Decane (C10)	4.529	2705515	20.362 ug/ml
3) T A~Naphthalene (C11.7)	6.233	2956373	20.200 ug/ml
4) T n-Dodecane (C12)	6.695	2759233	20.494 ug/ml
5) T A~2-methylnaphthalene...	7.328	2746929	20.294 ug/ml
6) T n-Tetradecane (C14)	8.522	2802805	20.337 ug/ml
7) T n-Hexadecane (C16)	10.129	2903153	20.228 ug/ml
8) T n-Octadecane (C18)	11.572	2990842	20.106 ug/ml
10) T n-Eicosane (C20)	12.883	2949021	20.059 ug/ml
11) T n-Heneicosane (C21)	13.495	2948883	19.993 ug/ml
13) T n-Docosane (C22)	14.082	2971713	20.056 ug/ml
14) T n-Tetracosane (C24)	15.186	3132881	20.638 ug/ml
15) T n-Hexacosane (C26)	16.208	3013911	20.330 ug/ml
16) T n-Octacosane (C28)	17.158	3072330	20.501 ug/ml
17) T n-Tricontane (C30)	18.048	3024215	20.496 ug/ml
18) T n-Dotriacontane (C32)	18.883	2952052	20.156 ug/ml
19) T n-Tetratriacontane (C34)	19.666	2733178	19.871 ug/ml
20) T n-Hexatriacontane (C36)	20.409	2537690	19.132 ug/ml
21) T n-Octatriacontane (C38)	21.140	2500578	19.275 ug/ml
22) T n-Tetracontane (C40)	22.037	2529017	19.048 ug/ml

(f)=RT Delta > 1/2 Window

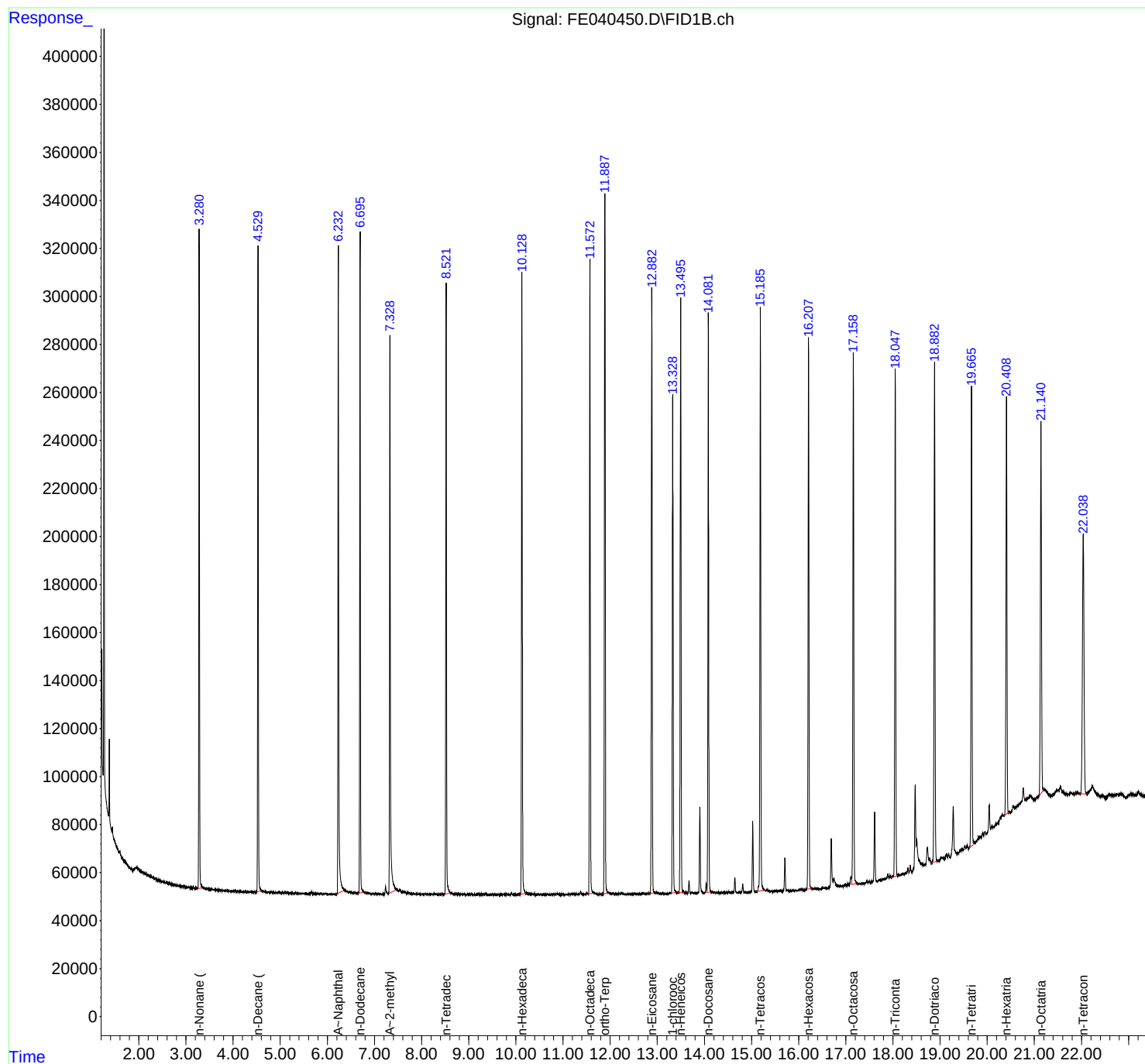
(m)=manual int.

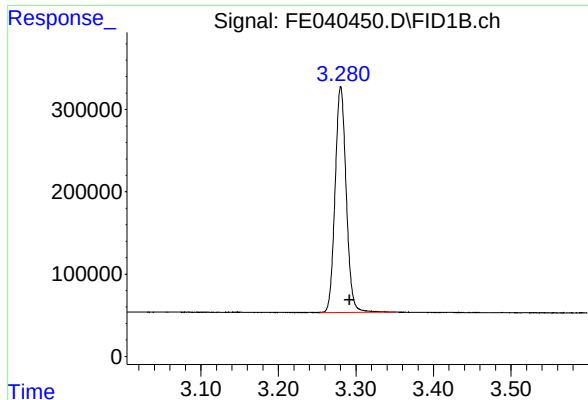
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022023AL\
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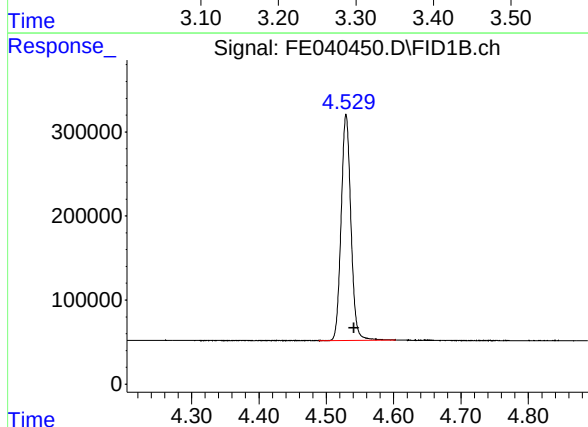




#1 n-Nonane (C9)

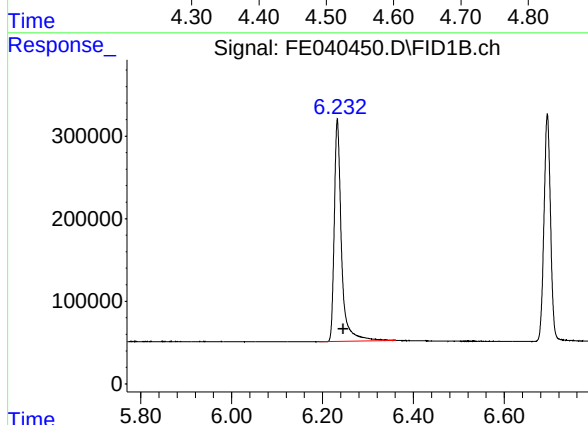
R.T.: 3.280 min
Delta R.T.: -0.012 min
Response: 2734279
Conc: 20.09 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



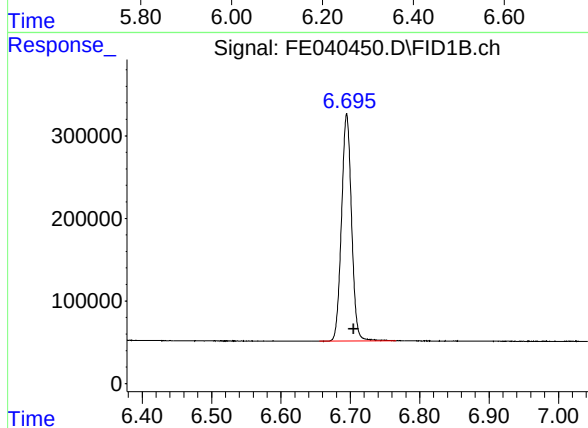
#2 n-Decane (C10)

R.T.: 4.529 min
Delta R.T.: -0.012 min
Response: 2705515
Conc: 20.36 ug/ml



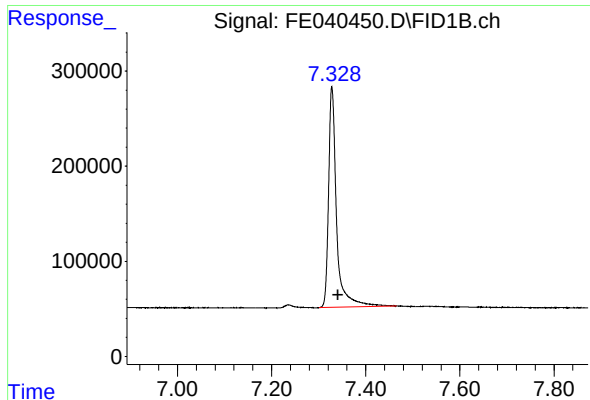
#3 A~Naphthalene (C11.7)

R.T.: 6.233 min
Delta R.T.: -0.013 min
Response: 2956373
Conc: 20.20 ug/ml



#4 n-Dodecane (C12)

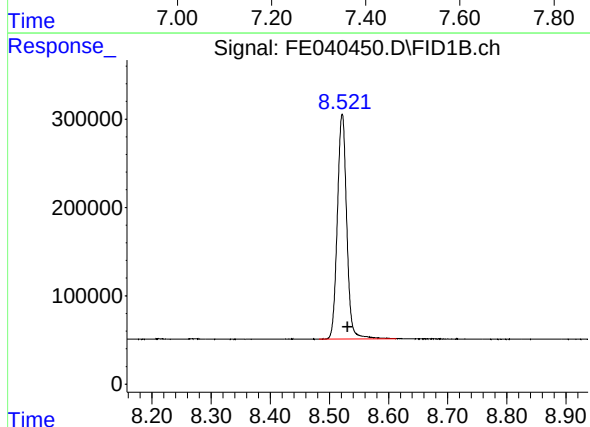
R.T.: 6.695 min
Delta R.T.: -0.010 min
Response: 2759233
Conc: 20.49 ug/ml



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

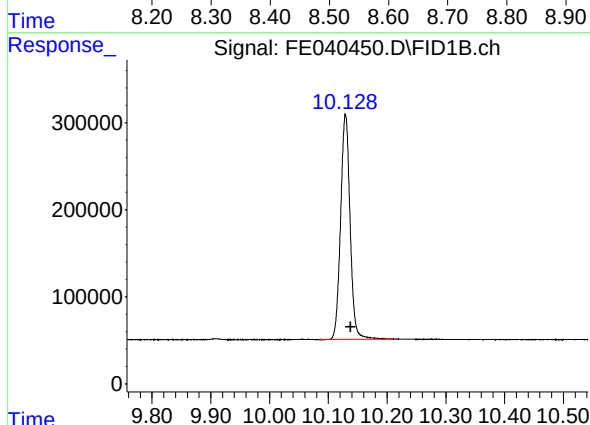
R.T.: 7.328 min
Delta R.T.: -0.013 min
Response: 2746929
Conc: 20.29 ug/ml

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20 PPM ALIPHATIC HC STD



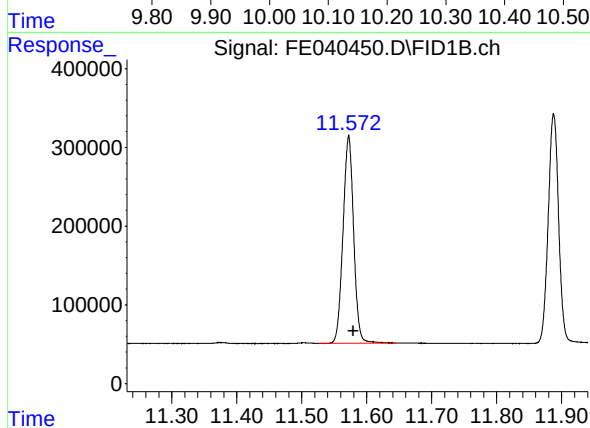
#6 n-Tetradecane (C14)

R.T.: 8.522 min
Delta R.T.: -0.009 min
Response: 2802805
Conc: 20.34 ug/ml



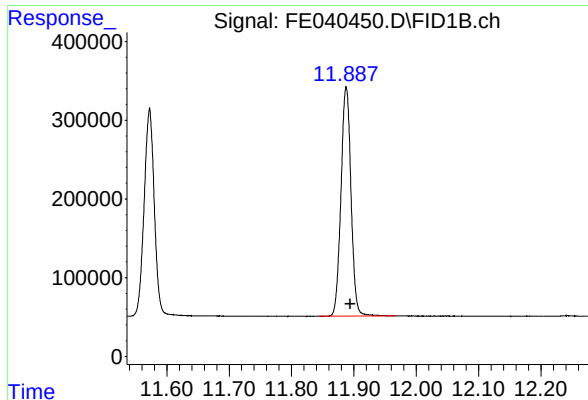
#7 n-Hexadecane (C16)

R.T.: 10.129 min
Delta R.T.: -0.009 min
Response: 2903153
Conc: 20.23 ug/ml



#8 n-Octadecane (C18)

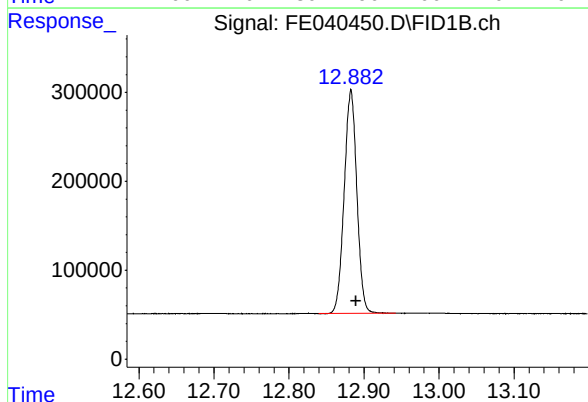
R.T.: 11.572 min
Delta R.T.: -0.007 min
Response: 2990842
Conc: 20.11 ug/ml



#9 ortho-Terphenyl (SURR)

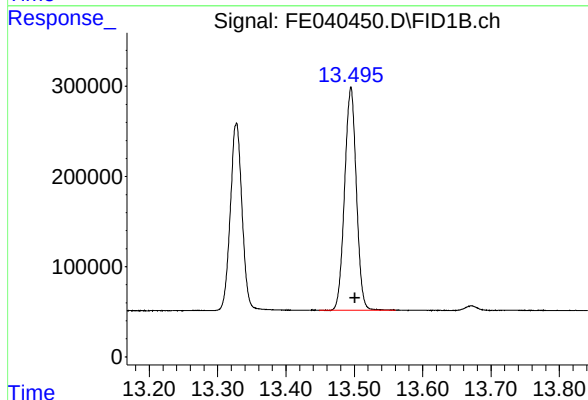
R.T.: 11.888 min
Delta R.T.: -0.007 min
Response: 3257345
Conc: 20.12 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



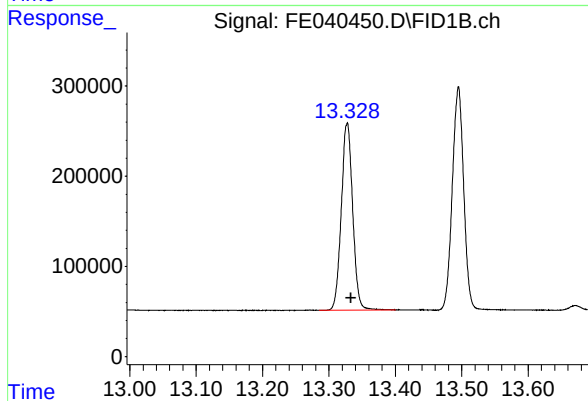
#10 n-Eicosane (C20)

R.T.: 12.883 min
Delta R.T.: -0.006 min
Response: 2949021
Conc: 20.06 ug/ml



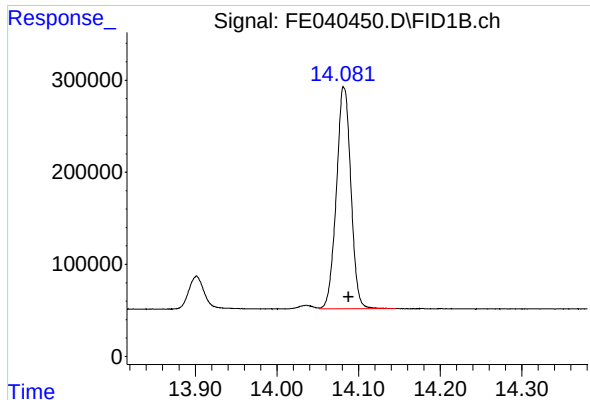
#11 n-Heneicosane (C21)

R.T.: 13.495 min
Delta R.T.: -0.006 min
Response: 2948883
Conc: 19.99 ug/ml



#12 1-chlorooctadecane (SURR)

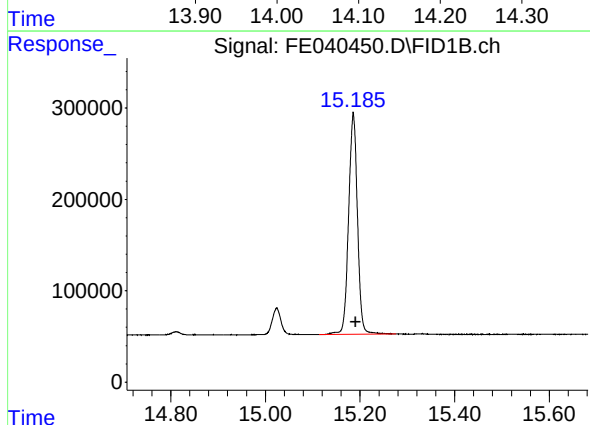
R.T.: 13.327 min
Delta R.T.: -0.006 min
Response: 2472596
Conc: 19.94 ug/ml



#13 n-Docosane (C22)

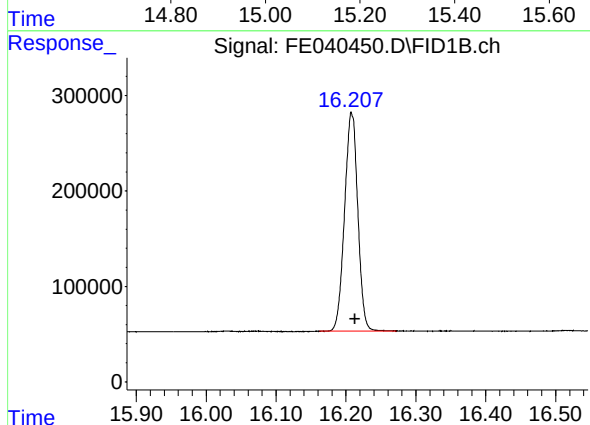
R.T.: 14.082 min
Delta R.T.: -0.005 min
Response: 2971713
Conc: 20.06 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



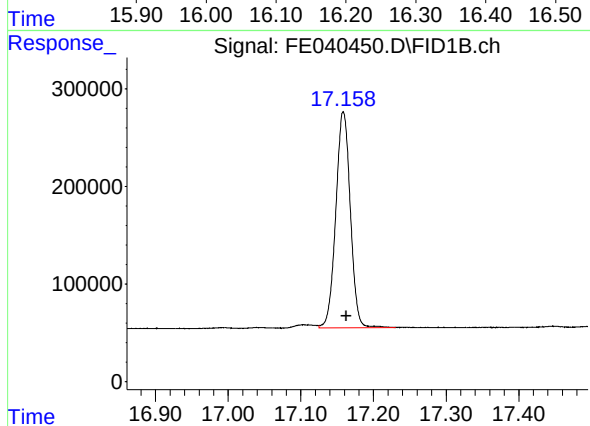
#14 n-Tetracosane (C24)

R.T.: 15.186 min
Delta R.T.: -0.005 min
Response: 3132881
Conc: 20.64 ug/ml



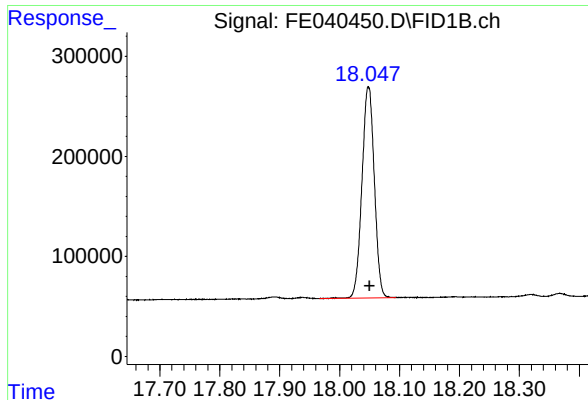
#15 n-Hexacosane (C26)

R.T.: 16.208 min
Delta R.T.: -0.005 min
Response: 3013911
Conc: 20.33 ug/ml



#16 n-Octacosane (C28)

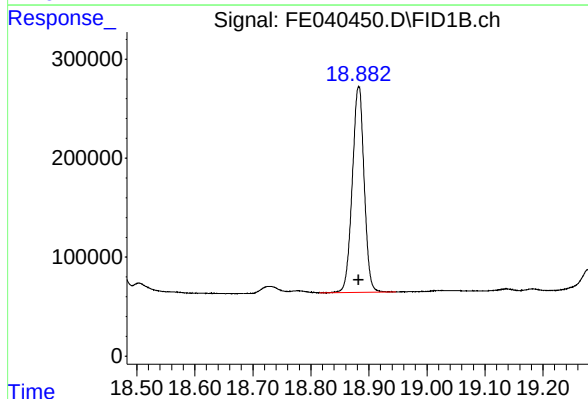
R.T.: 17.158 min
Delta R.T.: -0.004 min
Response: 3072330
Conc: 20.50 ug/ml



#17 n-Tricontane (C30)

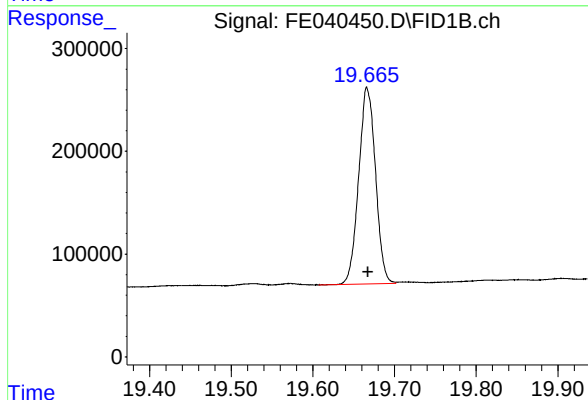
R.T.: 18.048 min
Delta R.T.: -0.002 min
Response: 3024215
Conc: 20.50 ug/ml

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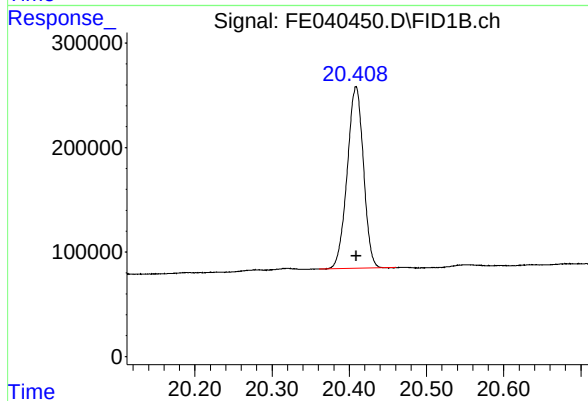
#18 n-Dotriacontane (C32)

R.T.: 18.883 min
Delta R.T.: 0.000 min
Response: 2952052
Conc: 20.16 ug/ml



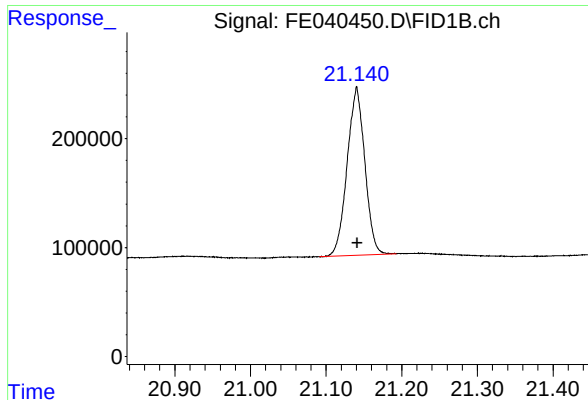
#19 n-Tetratriacontane (C34)

R.T.: 19.666 min
Delta R.T.: -0.001 min
Response: 2733178
Conc: 19.87 ug/ml



#20 n-Hexatriacontane (C36)

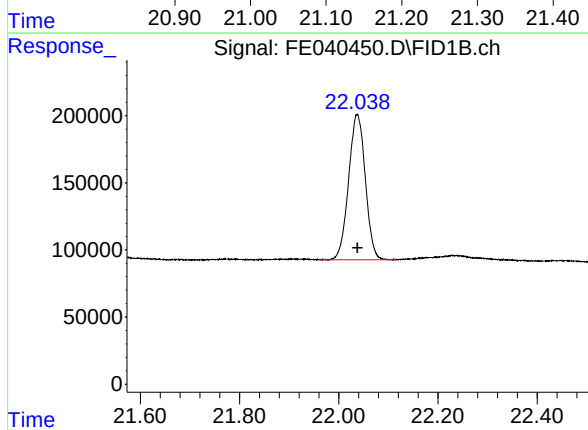
R.T.: 20.409 min
Delta R.T.: 0.000 min
Response: 2537690
Conc: 19.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.140 min
Delta R.T.: 0.000 min
Response: 2500578
Conc: 19.28 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.037 min
Delta R.T.: -0.002 min
Response: 2529017
Conc: 19.05 ug/ml