

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031425AL\
 Data File : FE052802.D
 Signal(s) : FID1B.ch
 Acq On : 14 Mar 2025 12:22
 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: autoint1.e
 Quant Time: Mar 14 23:29:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.906	2858803	16.957 ug/ml
Spiked Amount 50.000		Recovery =	33.91%
12) S 1-chlorooctadecane (S...	13.350	2154637	17.744 ug/ml
Spiked Amount 50.000		Recovery =	35.49%
Target Compounds			
1) T n-Nonane (C9)	3.247	2703430	17.436 ug/ml
2) T n-Decane (C10)	4.508	2797182	17.806 ug/ml
3) T A~Naphthalene (C11.7)	6.222	2992729	17.647 ug/ml
4) T n-Dodecane (C12)	6.690	2777882	17.841 ug/ml
5) T A~2-methylnaphthalene...	7.325	2854362	17.613 ug/ml
6) T n-Tetradecane (C14)	8.527	2702982	17.864 ug/ml
7) T n-Hexadecane (C16)	10.142	2736882	17.901 ug/ml
8) T n-Octadecane (C18)	11.590	2700877	17.752 ug/ml
10) T n-Eicosane (C20)	12.904	2556174	17.608 ug/ml
11) T n-Heneicosane (C21)	13.518	2494160	17.524 ug/ml
13) T n-Docosane (C22)	14.107	2497907	17.553 ug/ml
14) T n-Tetracosane (C24)	15.214	2541877	17.762 ug/ml
15) T n-Hexacosane (C26)	16.238	2538543	17.853 ug/ml
16) T n-Octacosane (C28)	17.190	2602530	18.302 ug/ml
17) T n-Tricontane (C30)	18.080	2809111	19.019 ug/ml
18) T n-Dotriacontane (C32)	18.916	2815585	19.394 ug/ml
19) T n-Tetratriacontane (C34)	19.701	2503209	18.573 ug/ml
20) T n-Hexatriacontane (C36)	20.442	2189262	18.425 ug/ml
21) T n-Octatriacontane (C38)	21.183	2102507	18.952 ug/ml
22) T n-Tetracontane (C40)	22.102	2064974	19.100 ug/ml

(f)=RT Delta > 1/2 Window

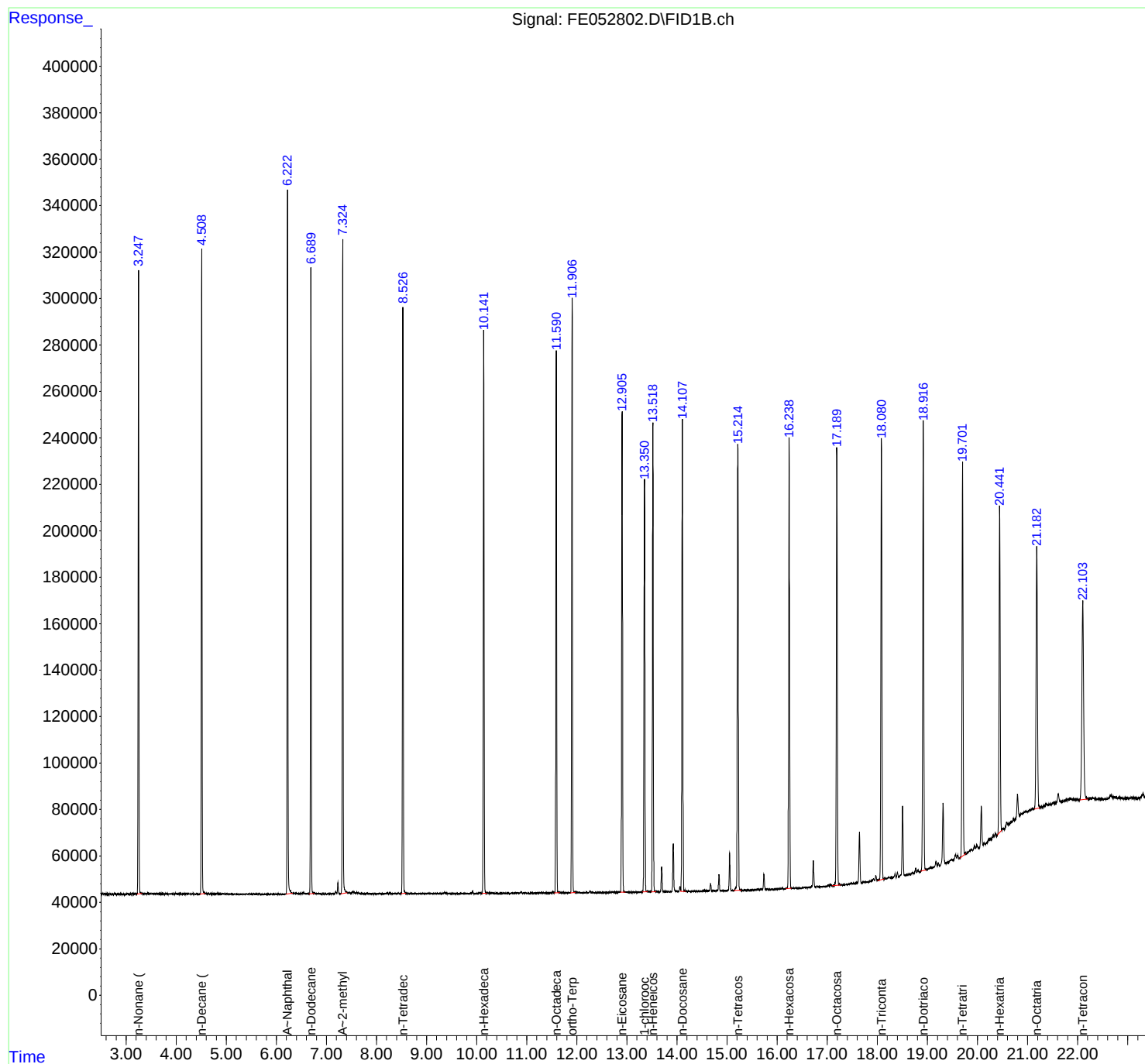
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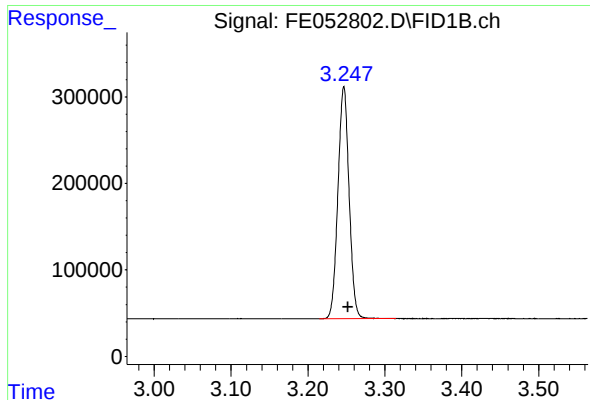
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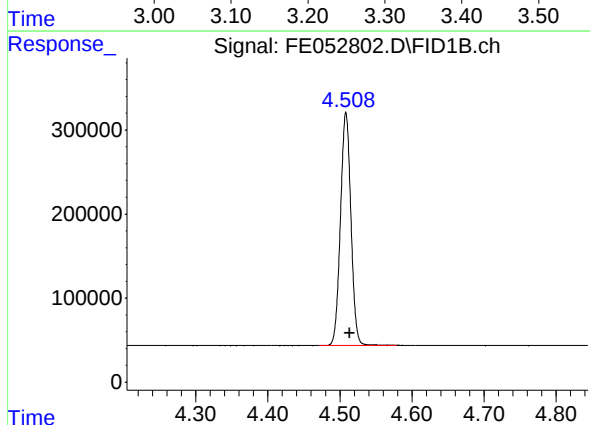




#1 n-Nonane (C9)

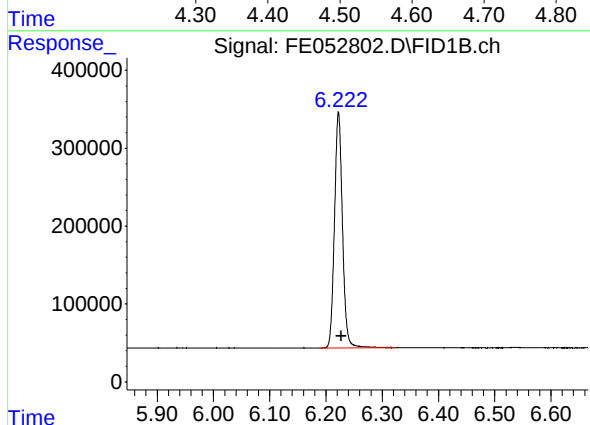
R.T.: 3.247 min
Delta R.T.: -0.005 min
Response: 2703430
Conc: 17.44 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



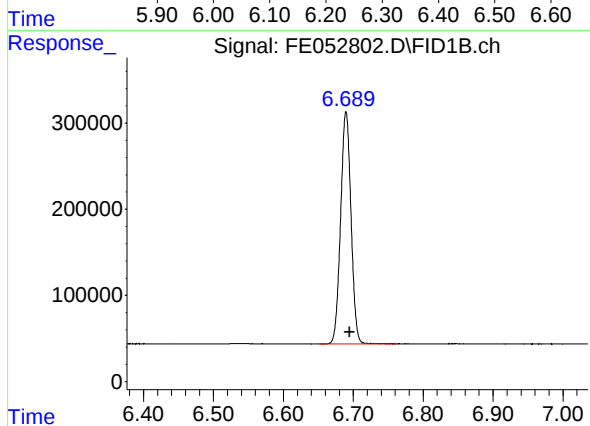
#2 n-Decane (C10)

R.T.: 4.508 min
Delta R.T.: -0.005 min
Response: 2797182
Conc: 17.81 ug/ml



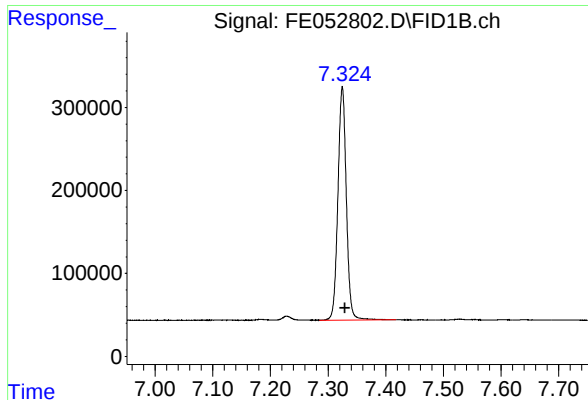
#3 A~Naphthalene (C11.7)

R.T.: 6.222 min
Delta R.T.: -0.005 min
Response: 2992729
Conc: 17.65 ug/ml



#4 n-Dodecane (C12)

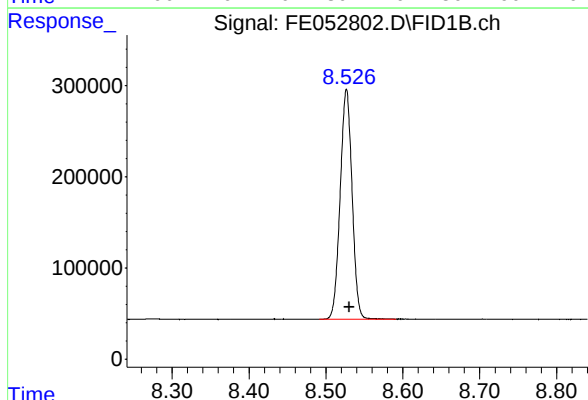
R.T.: 6.690 min
Delta R.T.: -0.005 min
Response: 2777882
Conc: 17.84 ug/ml



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

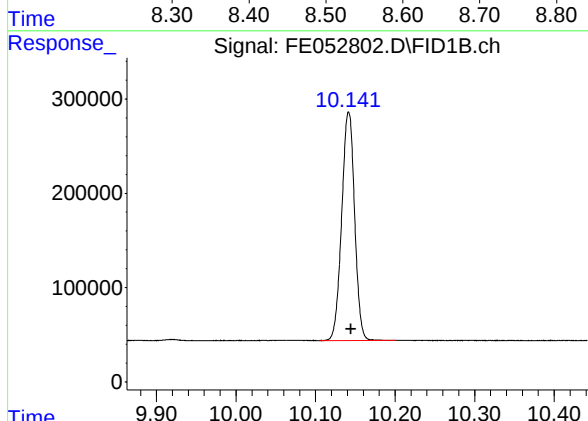
R.T.: 7.325 min
Delta R.T.: -0.005 min
Response: 2854362
Conc: 17.61 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



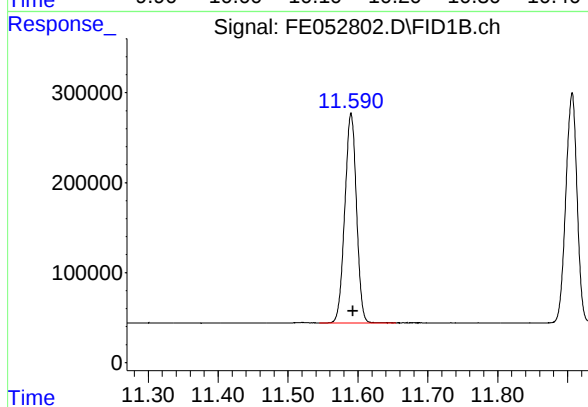
#6 n-Tetradecane (C14)

R.T.: 8.527 min
Delta R.T.: -0.004 min
Response: 2702982
Conc: 17.86 ug/ml



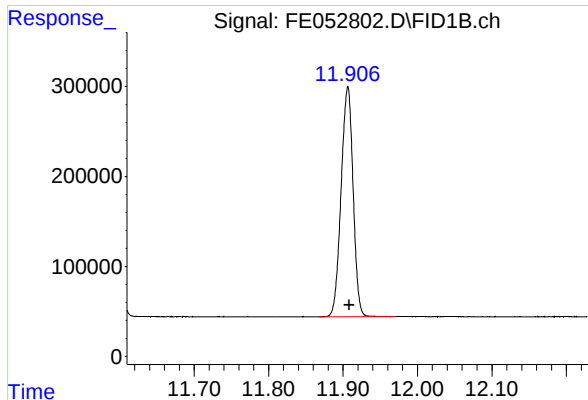
#7 n-Hexadecane (C16)

R.T.: 10.142 min
Delta R.T.: -0.003 min
Response: 2736882
Conc: 17.90 ug/ml



#8 n-Octadecane (C18)

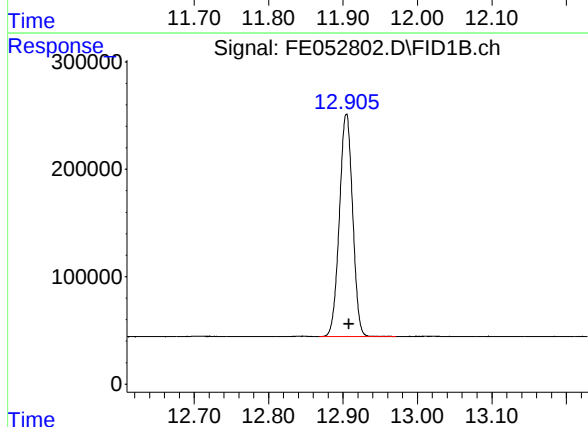
R.T.: 11.590 min
Delta R.T.: -0.003 min
Response: 2700877
Conc: 17.75 ug/ml



#9 ortho-Terphenyl (SURR)

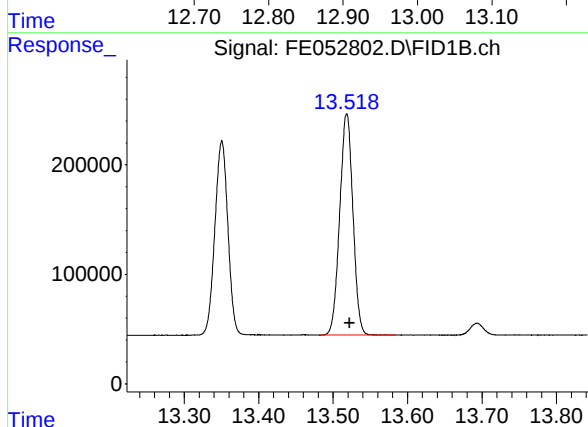
R.T.: 11.906 min
Delta R.T.: -0.002 min
Response: 2858803
Conc: 16.96 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



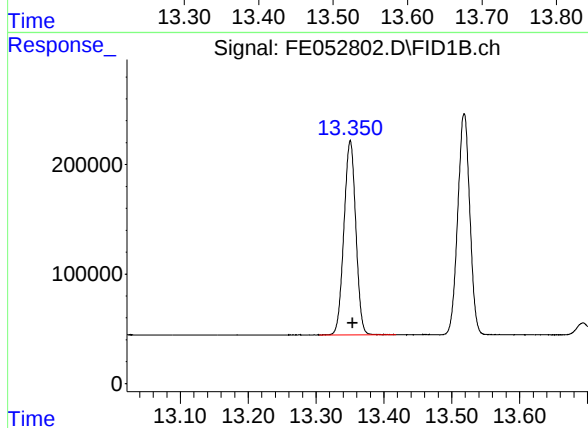
#10 n-Eicosane (C20)

R.T.: 12.904 min
Delta R.T.: -0.003 min
Response: 2556174
Conc: 17.61 ug/ml



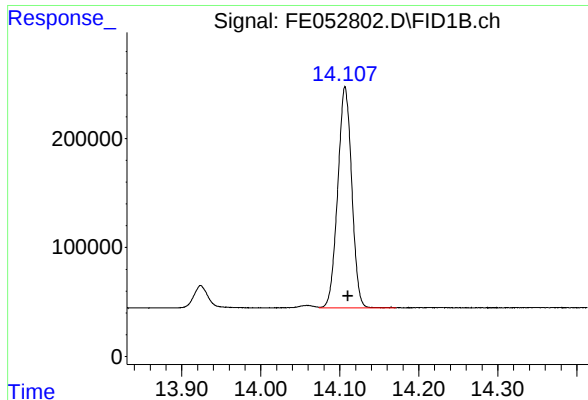
#11 n-Heneicosane (C21)

R.T.: 13.518 min
Delta R.T.: -0.004 min
Response: 2494160
Conc: 17.52 ug/ml



#12 1-chlorooctadecane (SURR)

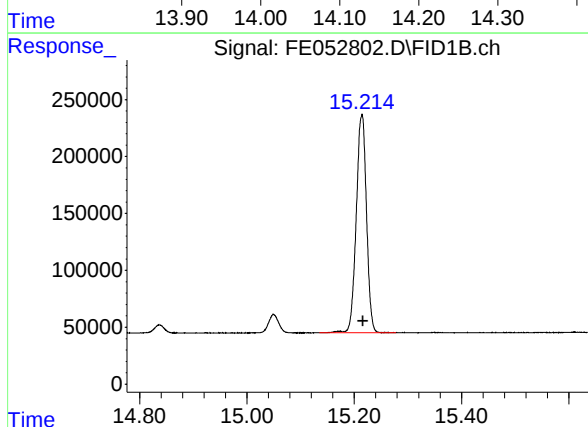
R.T.: 13.350 min
Delta R.T.: -0.004 min
Response: 2154637
Conc: 17.74 ug/ml



#13 n-Docosane (C22)

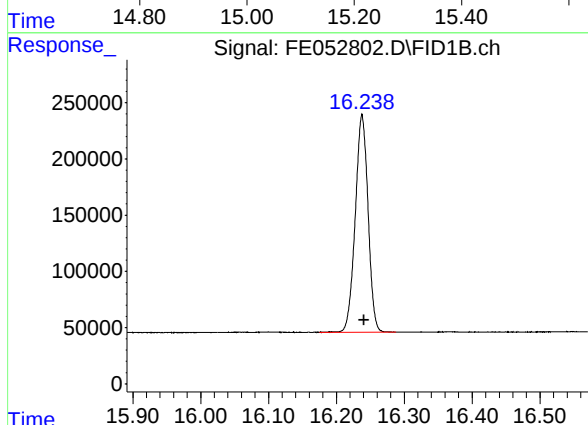
R.T.: 14.107 min
Delta R.T.: -0.003 min
Response: 2497907
Conc: 17.55 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



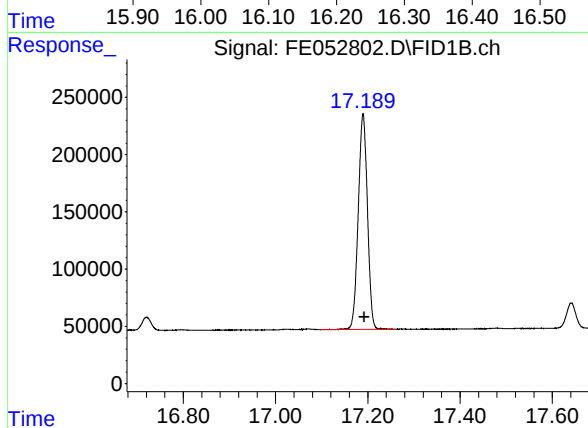
#14 n-Tetracosane (C24)

R.T.: 15.214 min
Delta R.T.: -0.002 min
Response: 2541877
Conc: 17.76 ug/ml



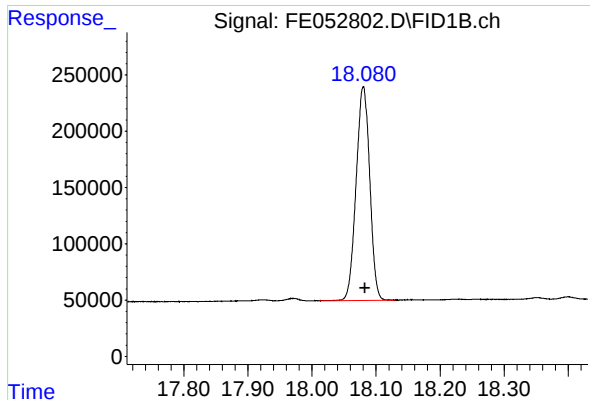
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: -0.003 min
Response: 2538543
Conc: 17.85 ug/ml



#16 n-Octacosane (C28)

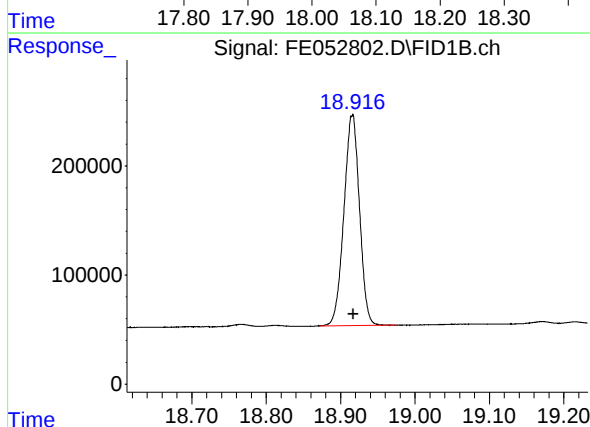
R.T.: 17.190 min
Delta R.T.: -0.002 min
Response: 2602530
Conc: 18.30 ug/ml



#17 n-Tricontane (C30)

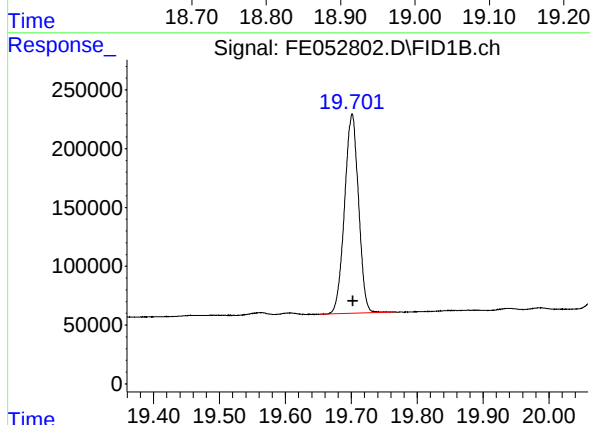
R.T.: 18.080 min
Delta R.T.: -0.002 min
Response: 2809111
Conc: 19.02 ug/ml

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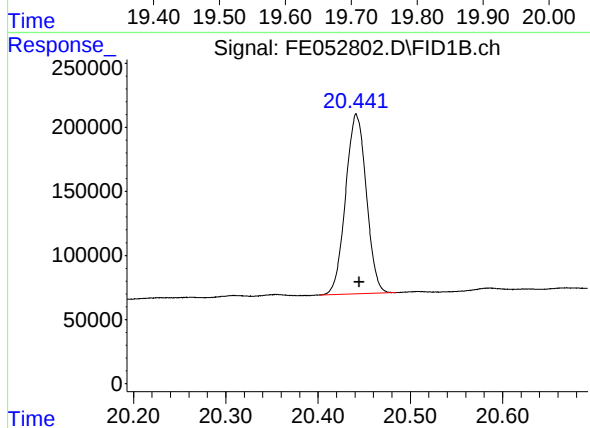
#18 n-Dotriacontane (C32)

R.T.: 18.916 min
Delta R.T.: -0.001 min
Response: 2815585
Conc: 19.39 ug/ml



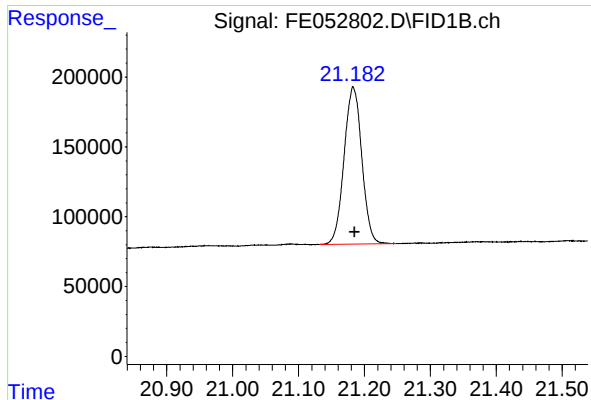
#19 n-Tetatriacontane (C34)

R.T.: 19.701 min
Delta R.T.: -0.002 min
Response: 2503209
Conc: 18.57 ug/ml



#20 n-Hexatriacontane (C36)

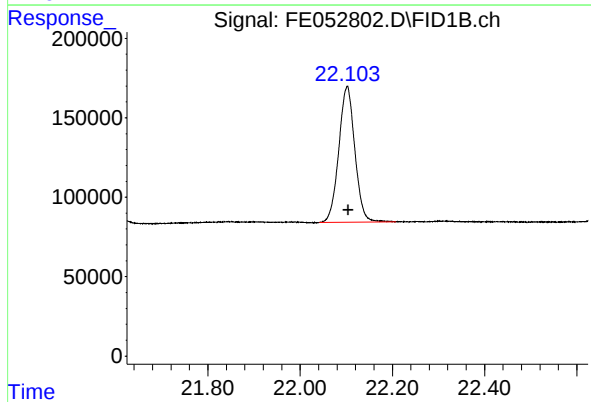
R.T.: 20.442 min
Delta R.T.: -0.003 min
Response: 2189262
Conc: 18.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.183 min
Delta R.T.: -0.002 min
Response: 2102507
Conc: 18.95 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.102 min
Delta R.T.: -0.002 min
Response: 2064974
Conc: 19.10 ug/ml