

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032125AL\
 Data File : FE052905.D
 Signal(s) : FID1B.ch
 Acq On : 21 Mar 2025 07:32
 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 22 00:10:13 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	3056800	18.132 ug/ml
Spiked Amount 50.000		Recovery =	36.26%
12) S 1-chlorooctadecane (S...	13.350	2291951	18.875 ug/ml
Spiked Amount 50.000		Recovery =	37.75%
Target Compounds			
1) T n-Nonane (C9)	3.244	2792167	18.008 ug/ml
2) T n-Decane (C10)	4.506	2932951	18.670 ug/ml
3) T A~Naphthalene (C11.7)	6.220	3143222	18.534 ug/ml
4) T n-Dodecane (C12)	6.688	2919787	18.753 ug/ml
5) T A~2-methylnaphthalene...	7.323	3014694	18.603 ug/ml
6) T n-Tetradecane (C14)	8.525	2882892	19.053 ug/ml
7) T n-Hexadecane (C16)	10.140	2917346	19.082 ug/ml
8) T n-Octadecane (C18)	11.590	2881742	18.941 ug/ml
10) T n-Eicosane (C20)	12.904	2737583	18.857 ug/ml
11) T n-Heneicosane (C21)	13.519	2664133	18.718 ug/ml
13) T n-Docosane (C22)	14.107	2671265	18.771 ug/ml
14) T n-Tetracosane (C24)	15.214	2731115	19.084 ug/ml
15) T n-Hexacosane (C26)	16.238	2736141	19.242 ug/ml
16) T n-Octacosane (C28)	17.190	2890410	20.327 ug/ml
17) T n-Tricontane (C30)	18.081	3164176	21.423 ug/ml
18) T n-Dotriacontane (C32)	18.915	3225105	22.215 ug/ml
19) T n-Tetratriacontane (C34)	19.701	2856920	21.197 ug/ml
20) T n-Hexatriacontane (C36)	20.443	2470437	20.791 ug/ml
21) T n-Octatriacontane (C38)	21.184	2341824	21.110 ug/ml
22) T n-Tetracontane (C40)	22.106	2262246	20.924 ug/ml

(f)=RT Delta > 1/2 Window

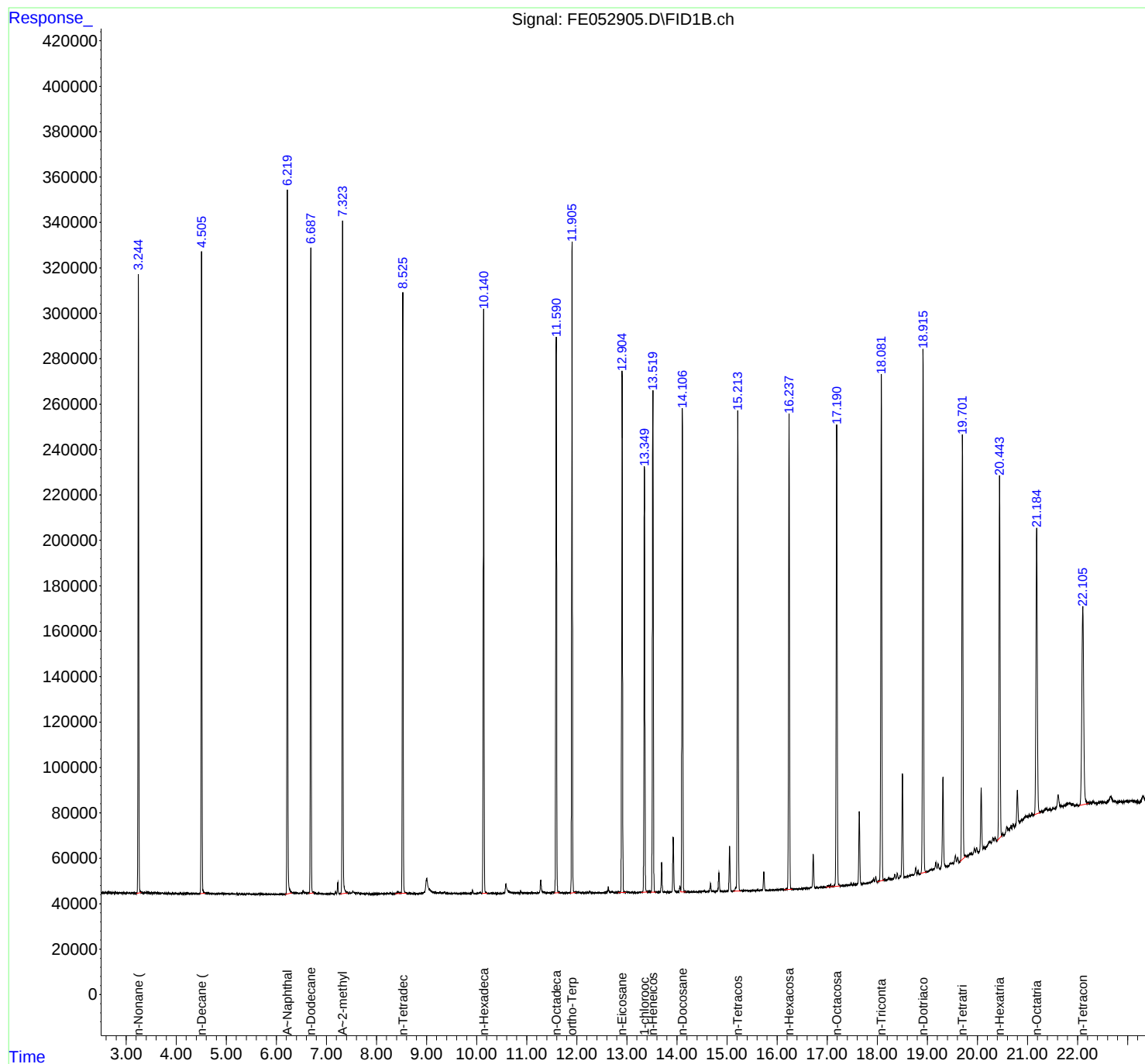
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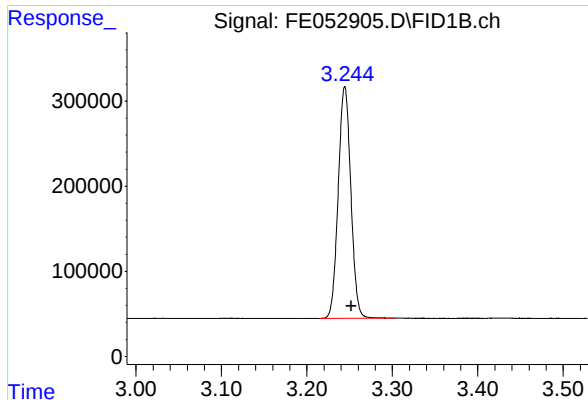
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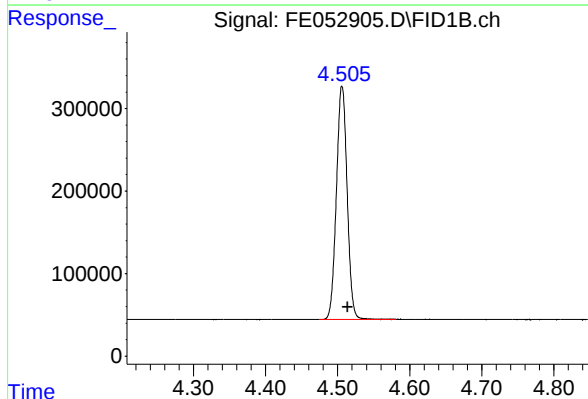




#1 n-Nonane (C9)

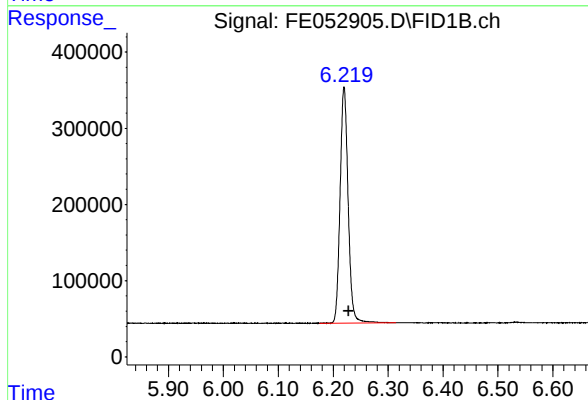
R.T.: 3.244 min
Delta R.T.: -0.008 min
Response: 2792167
Conc: 18.01 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



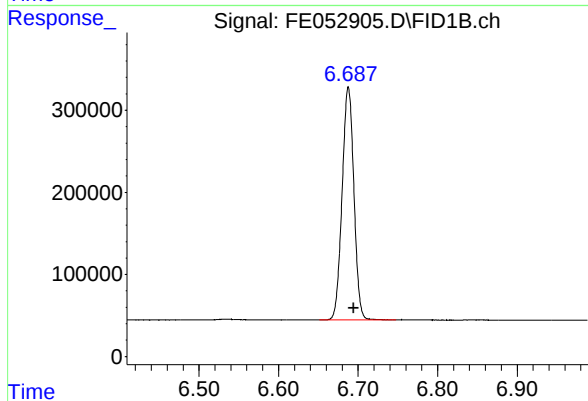
#2 n-Decane (C10)

R.T.: 4.506 min
Delta R.T.: -0.008 min
Response: 2932951
Conc: 18.67 ug/ml



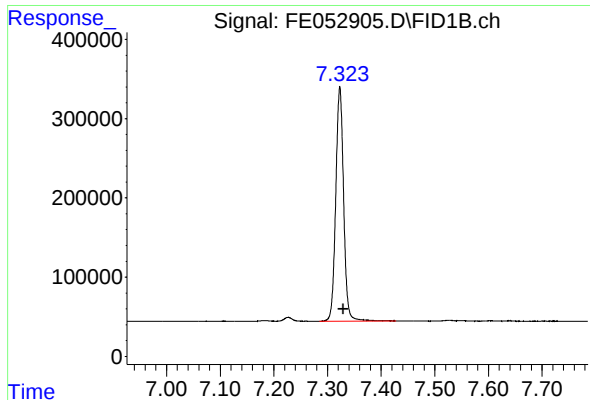
#3 A~Naphthalene (C11.7)

R.T.: 6.220 min
Delta R.T.: -0.008 min
Response: 3143222
Conc: 18.53 ug/ml



#4 n-Dodecane (C12)

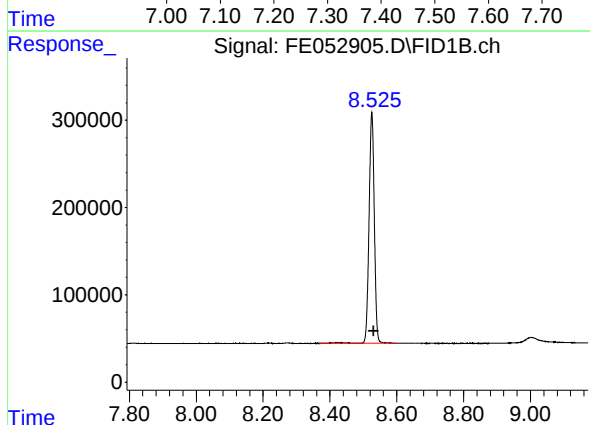
R.T.: 6.688 min
Delta R.T.: -0.007 min
Response: 2919787
Conc: 18.75 ug/ml



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

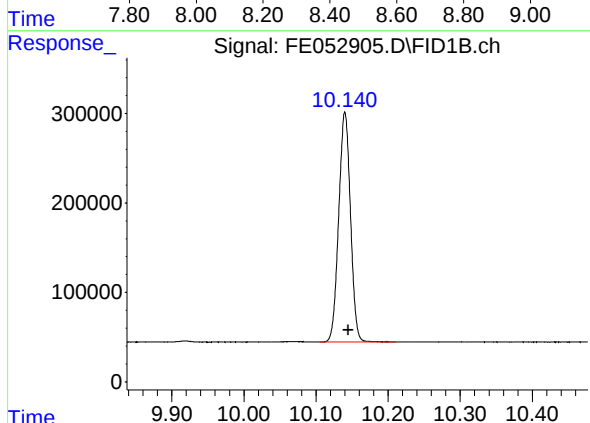
R.T.: 7.323 min
Delta R.T.: -0.007 min
Response: 3014694
Conc: 18.60 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



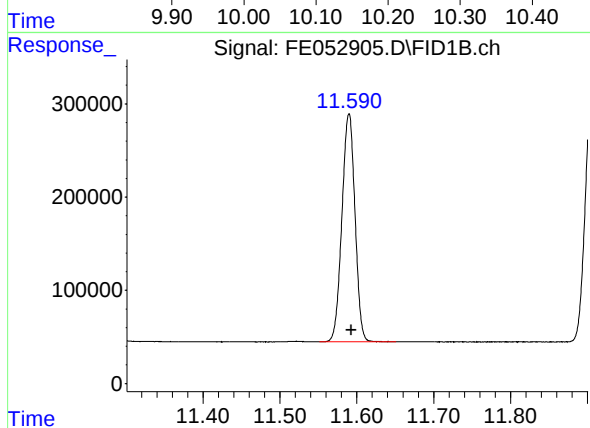
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: -0.005 min
Response: 2882892
Conc: 19.05 ug/ml



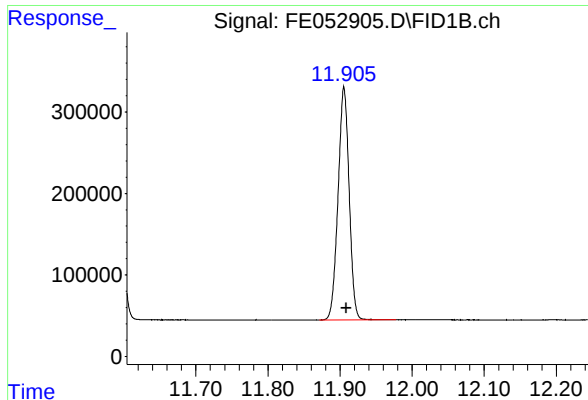
#7 n-Hexadecane (C16)

R.T.: 10.140 min
Delta R.T.: -0.004 min
Response: 2917346
Conc: 19.08 ug/ml



#8 n-Octadecane (C18)

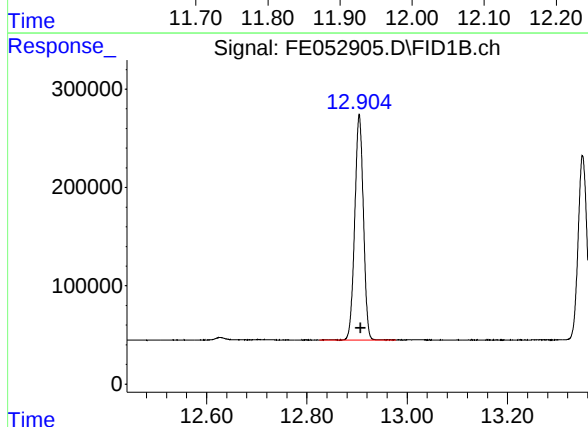
R.T.: 11.590 min
Delta R.T.: -0.003 min
Response: 2881742
Conc: 18.94 ug/ml



#9 ortho-Terphenyl (SURR)

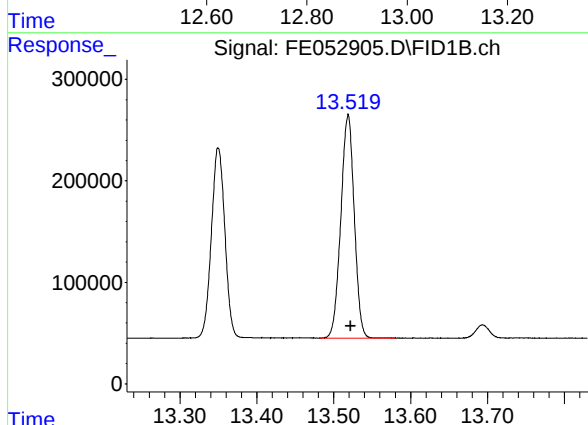
R.T.: 11.906 min
Delta R.T.: -0.003 min
Response: 3056800
Conc: 18.13 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



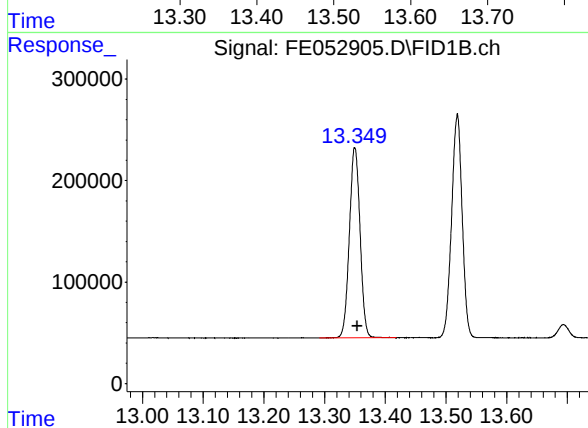
#10 n-Eicosane (C20)

R.T.: 12.904 min
Delta R.T.: -0.003 min
Response: 2737583
Conc: 18.86 ug/ml



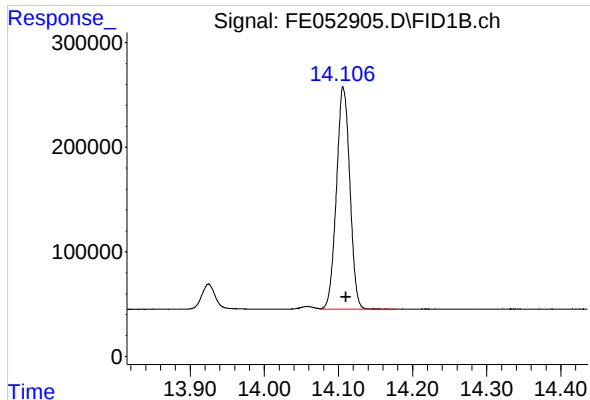
#11 n-Heneicosane (C21)

R.T.: 13.519 min
Delta R.T.: -0.004 min
Response: 2664133
Conc: 18.72 ug/ml



#12 1-chlorooctadecane (SURR)

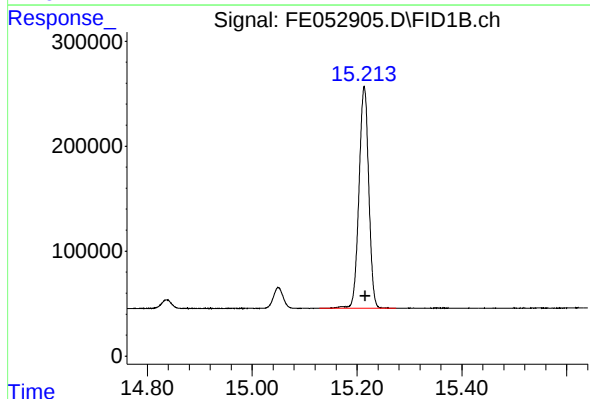
R.T.: 13.350 min
Delta R.T.: -0.004 min
Response: 2291951
Conc: 18.88 ug/ml



#13 n-Docosane (C22)

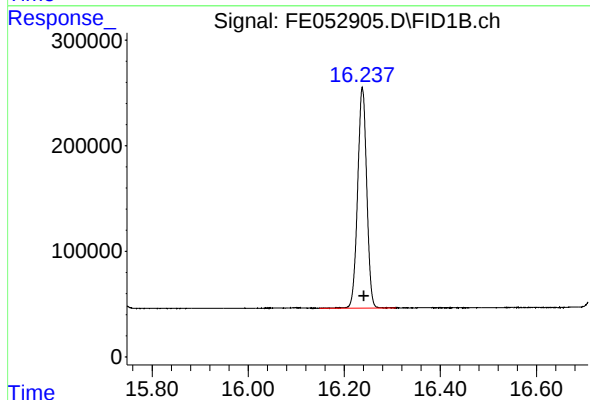
R.T.: 14.107 min
Delta R.T.: -0.003 min
Response: 2671265
Conc: 18.77 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



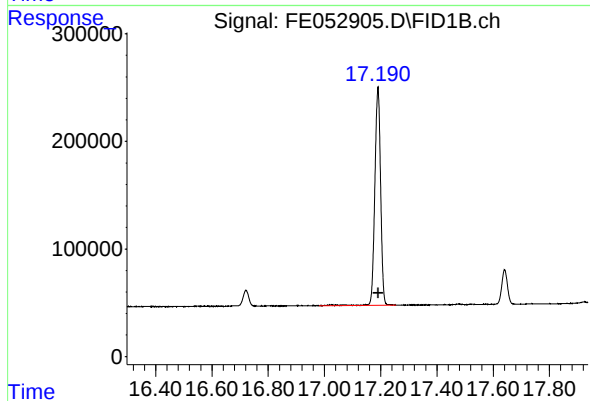
#14 n-Tetracosane (C24)

R.T.: 15.214 min
Delta R.T.: -0.002 min
Response: 2731115
Conc: 19.08 ug/ml



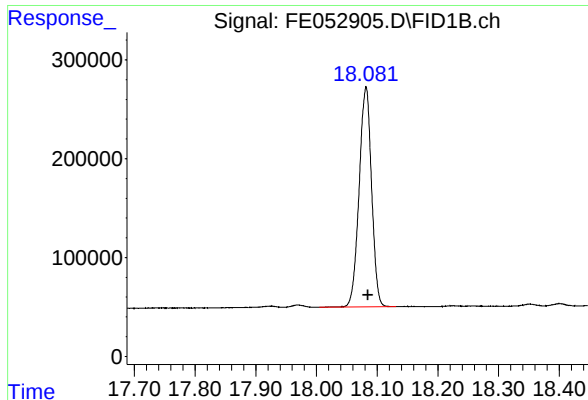
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: -0.003 min
Response: 2736141
Conc: 19.24 ug/ml



#16 n-Octacosane (C28)

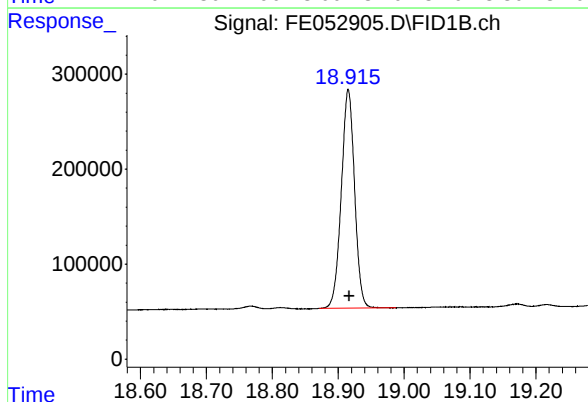
R.T.: 17.190 min
Delta R.T.: -0.002 min
Response: 2890410
Conc: 20.33 ug/ml



#17 n-Tricontane (C30)

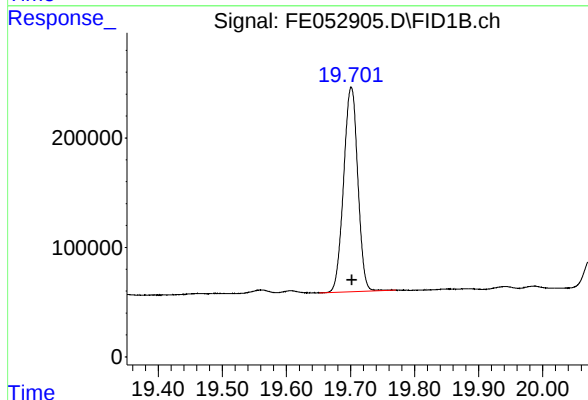
R.T.: 18.081 min
Delta R.T.: -0.004 min
Response: 3164176
Conc: 21.42 ug/ml

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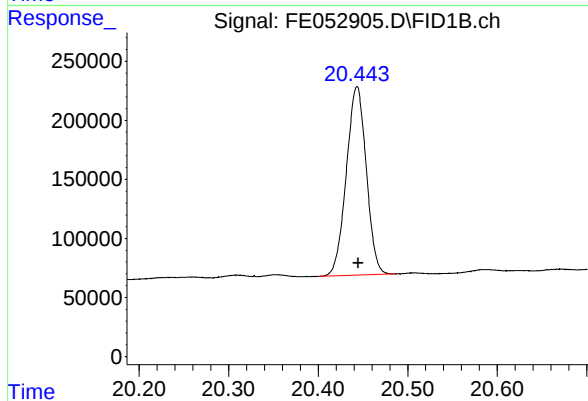
#18 n-Dotriacontane (C32)

R.T.: 18.915 min
Delta R.T.: -0.002 min
Response: 3225105
Conc: 22.21 ug/ml



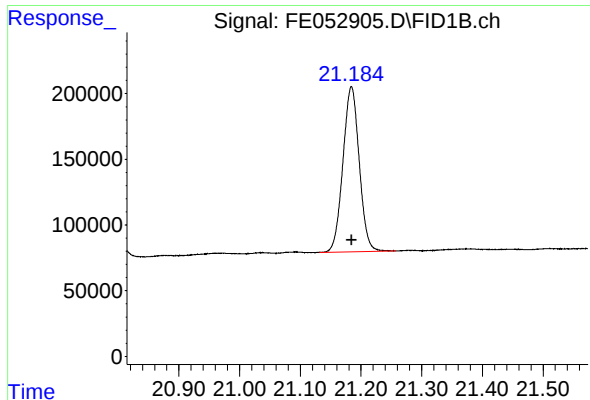
#19 n-Tetratriacontane (C34)

R.T.: 19.701 min
Delta R.T.: -0.002 min
Response: 2856920
Conc: 21.20 ug/ml



#20 n-Hexatriacontane (C36)

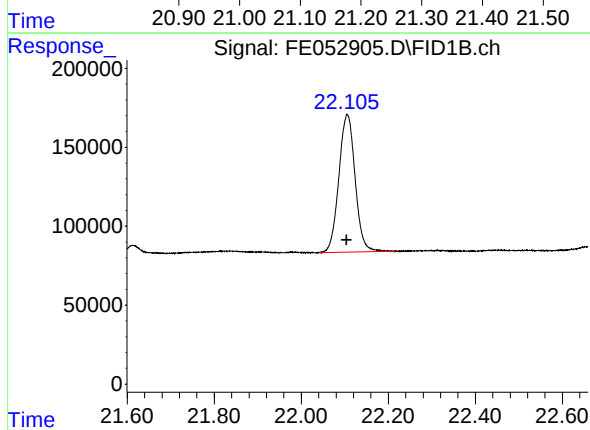
R.T.: 20.443 min
Delta R.T.: -0.002 min
Response: 2470437
Conc: 20.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: 0.000 min
Response: 2341824
Conc: 21.11 ug/ml

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ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 22.106 min
Delta R.T.: 0.002 min
Response: 2262246
Conc: 20.92 ug/ml