

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022425AL\
 Data File : FE052460.D
 Signal(s) : FID1B.ch
 Acq On : 24 Feb 2025 10:48
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 24 12:39:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 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)	11.916	3378819	18.075 ug/ml
Spiked Amount 50.000		Recovery =	36.15%
12) S 1-chlorooctadecane (S...	13.362	2413533	17.364 ug/ml
Spiked Amount 50.000		Recovery =	34.73%
Target Compounds			
1) T n-Nonane (C9)	3.255	3106585	20.238 ug/ml
2) T n-Decane (C10)	4.516	3163749	20.256 ug/ml
3) T A~Naphthalene (C11.7)	6.229	3480002	20.142 ug/ml
4) T n-Dodecane (C12)	6.698	3152538	19.973 ug/ml
5) T A~2-methylnaphthalene...	7.332	3343732	19.909 ug/ml
6) T n-Tetradecane (C14)	8.536	3066252	19.467 ug/ml
7) T n-Hexadecane (C16)	10.151	3119831	19.089 ug/ml
8) T n-Octadecane (C18)	11.601	3098494	18.726 ug/ml
10) T n-Eicosane (C20)	12.916	2940876	18.447 ug/ml
11) T n-Heneicosane (C21)	13.530	2874488	18.347 ug/ml
13) T n-Docosane (C22)	14.119	2844543	18.176 ug/ml
14) T n-Tetracosane (C24)	15.226	2810446	17.870 ug/ml
15) T n-Hexacosane (C26)	16.251	2749910	17.754 ug/ml
16) T n-Octacosane (C28)	17.203	2687827	17.572 ug/ml
17) T n-Tricontane (C30)	18.096	2714191	17.388 ug/ml
18) T n-Dotriacontane (C32)	18.933	2609259	17.052 ug/ml
19) T n-Tetratriacontane (C34)	19.721	2301145	16.175 ug/ml
20) T n-Hexatriacontane (C36)	20.463	2012304	16.145 ug/ml
21) T n-Octatriacontane (C38)	21.205	1805959	16.523 ug/ml
22) T n-Tetracontane (C40)	22.130	1733402	17.232 ug/ml

(f)=RT Delta > 1/2 Window

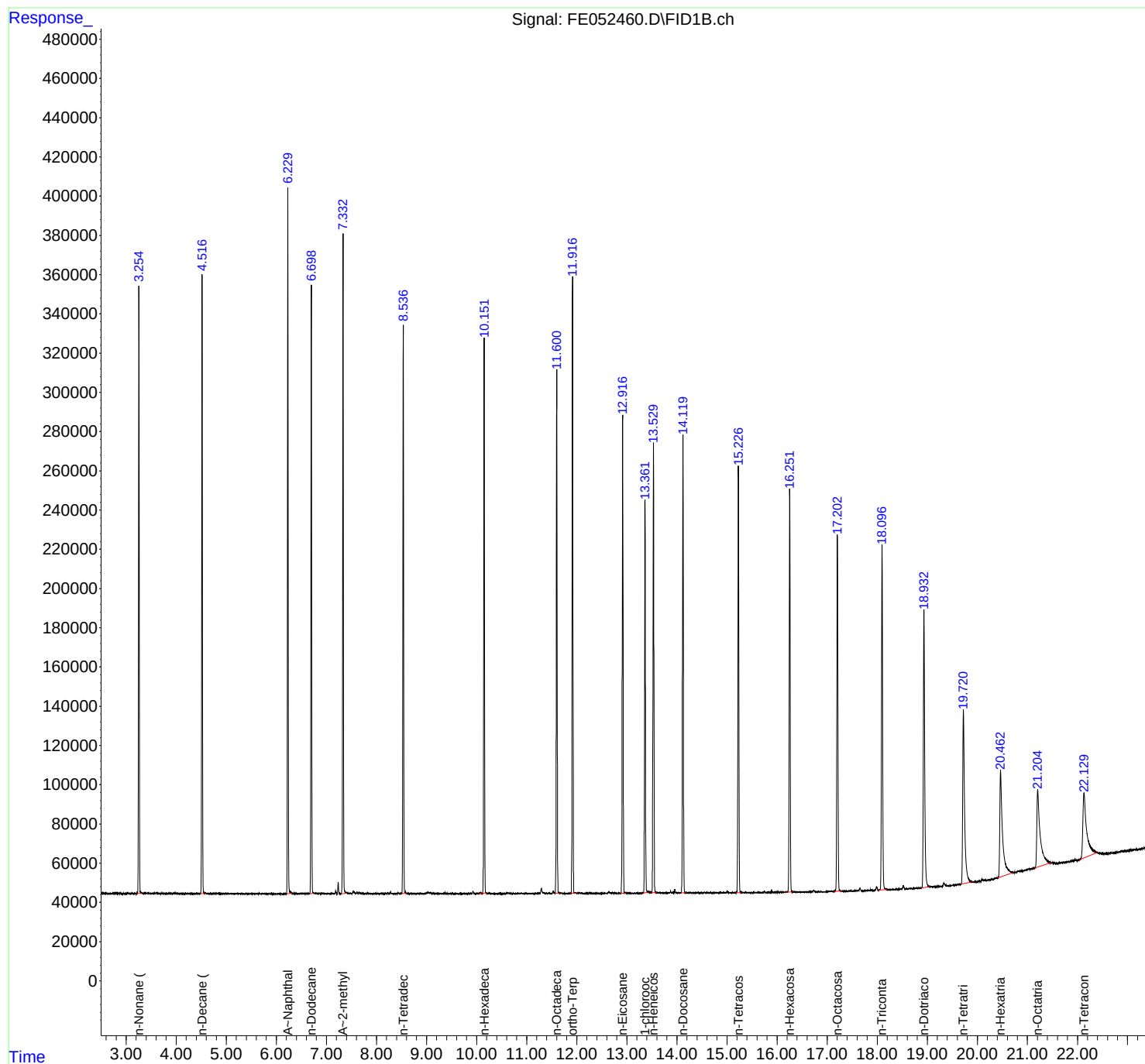
(m)=manual int.

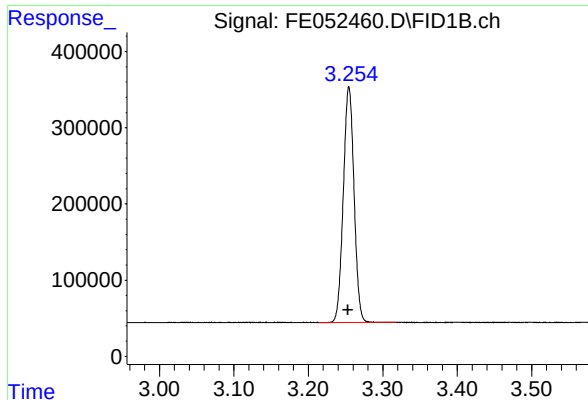
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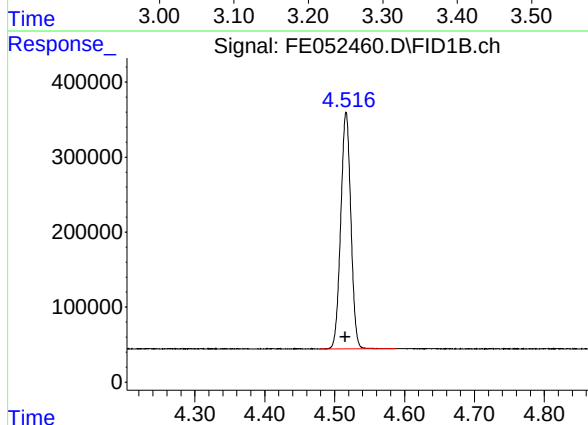




#1 n-Nonane (C9)

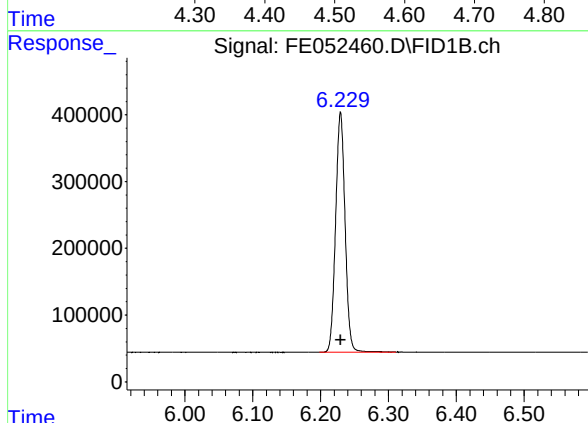
R.T.: 3.255 min
Delta R.T.: 0.002 min
Response: 3106585
Conc: 20.24 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



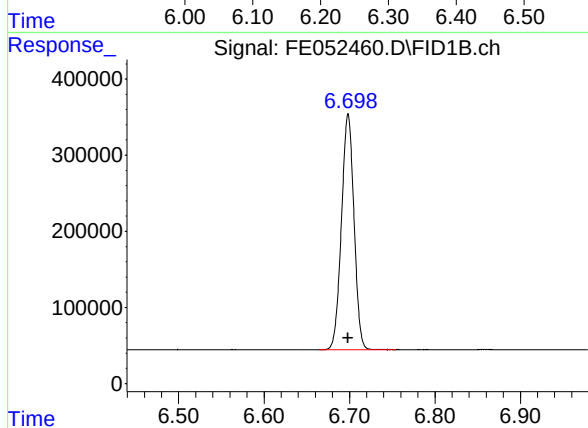
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: 0.001 min
Response: 3163749
Conc: 20.26 ug/ml



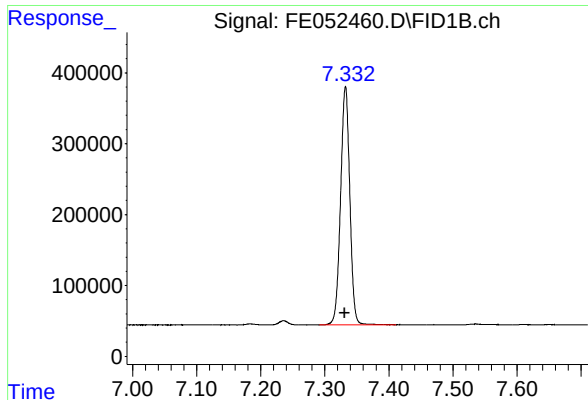
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 3480002
Conc: 20.14 ug/ml



#4 n-Dodecane (C12)

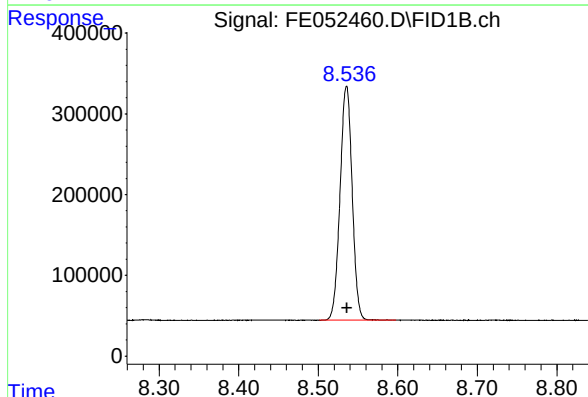
R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 3152538
Conc: 19.97 ug/ml



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

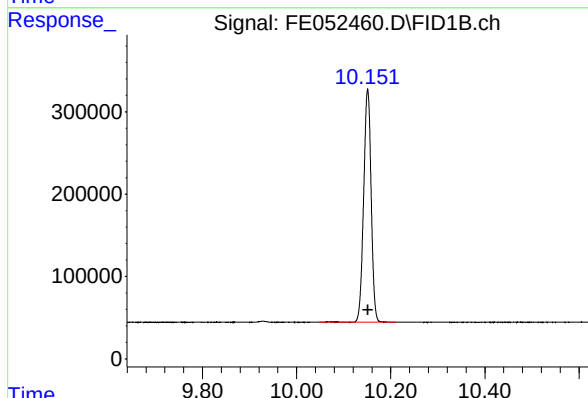
R.T.: 7.332 min
Delta R.T.: 0.001 min
Response: 3343732
Conc: 19.91 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



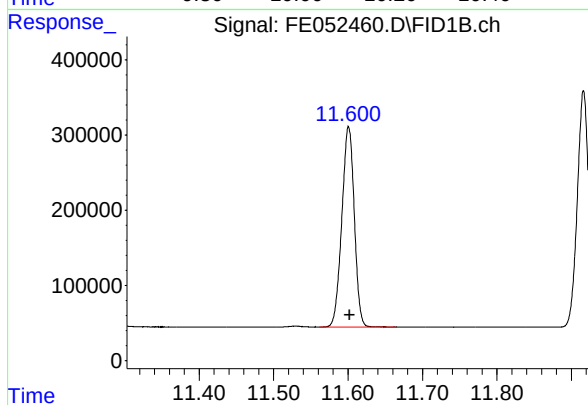
#6 n-Tetradecane (C14)

R.T.: 8.536 min
Delta R.T.: 0.000 min
Response: 3066252
Conc: 19.47 ug/ml



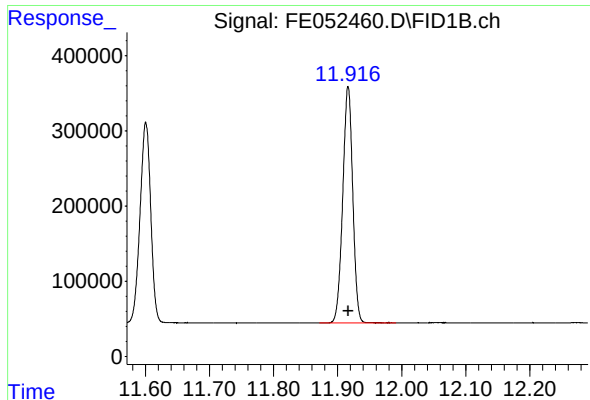
#7 n-Hexadecane (C16)

R.T.: 10.151 min
Delta R.T.: 0.000 min
Response: 3119831
Conc: 19.09 ug/ml



#8 n-Octadecane (C18)

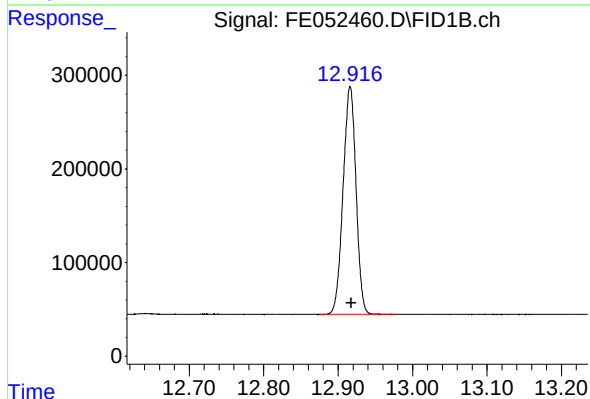
R.T.: 11.601 min
Delta R.T.: -0.001 min
Response: 3098494
Conc: 18.73 ug/ml



#9 ortho-Terphenyl (SURR)

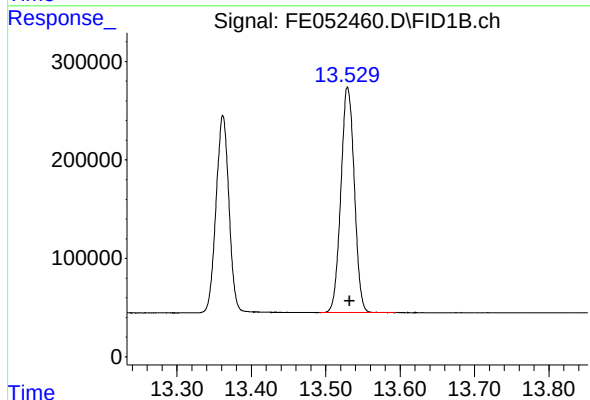
R.T.: 11.916 min
Delta R.T.: 0.000 min
Response: 3378819
Conc: 18.08 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



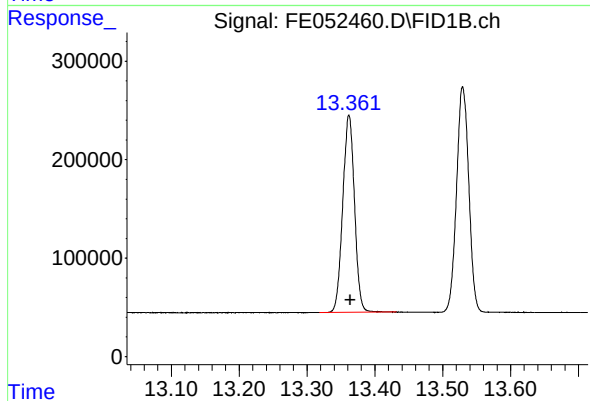
#10 n-Eicosane (C20)

R.T.: 12.916 min
Delta R.T.: -0.002 min
Response: 2940876
Conc: 18.45 ug/ml



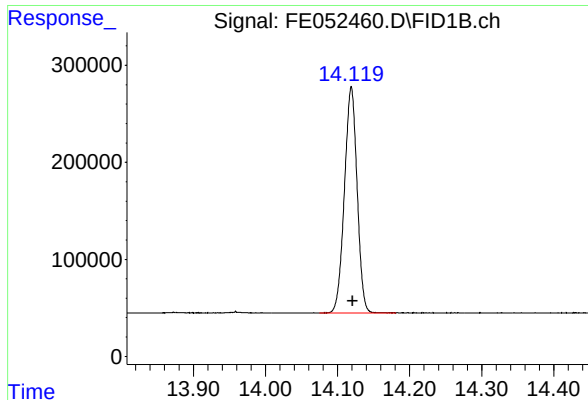
#11 n-Heneicosane (C21)

R.T.: 13.530 min
Delta R.T.: -0.003 min
Response: 2874488
Conc: 18.35 ug/ml



#12 1-chlorooctadecane (SURR)

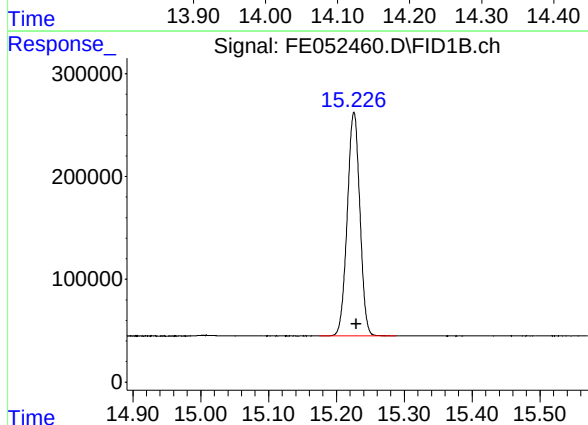
R.T.: 13.362 min
Delta R.T.: -0.002 min
Response: 2413533
Conc: 17.36 ug/ml



#13 n-Docosane (C22)

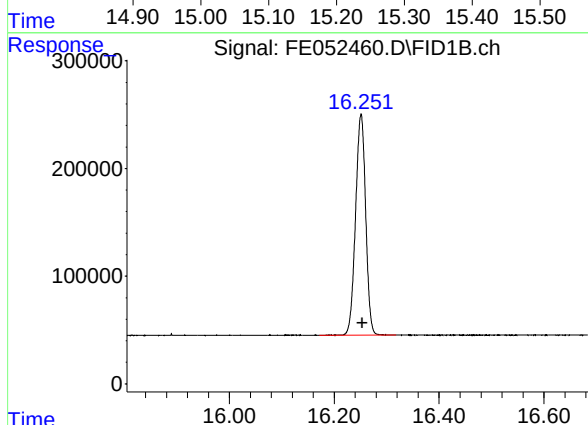
R.T.: 14.119 min
Delta R.T.: -0.002 min
Response: 2844543
Conc: 18.18 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



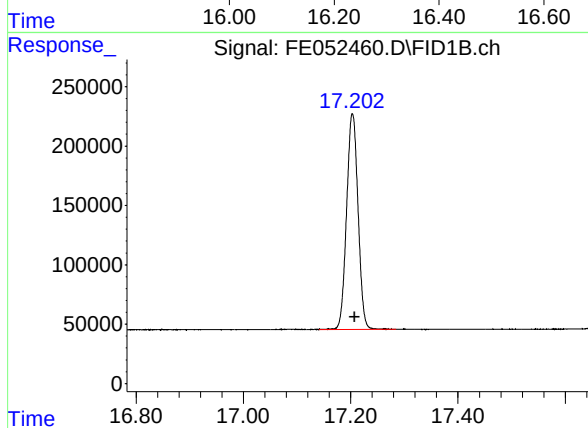
#14 n-Tetracosane (C24)

R.T.: 15.226 min
Delta R.T.: -0.003 min
Response: 2810446
Conc: 17.87 ug/ml



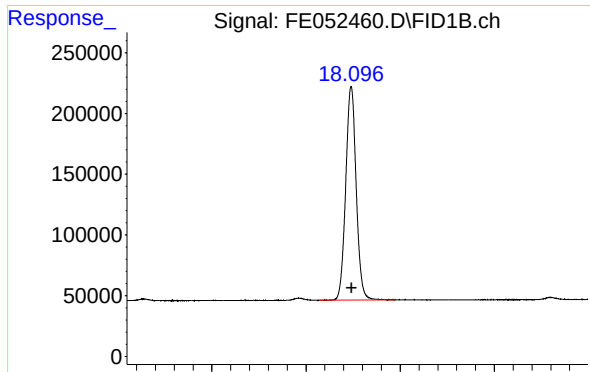
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: -0.003 min
Response: 2749910
Conc: 17.75 ug/ml



#16 n-Octacosane (C28)

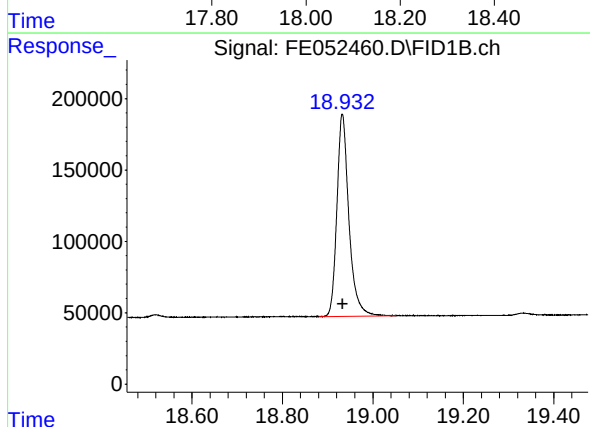
R.T.: 17.203 min
Delta R.T.: -0.004 min
Response: 2687827
Conc: 17.57 ug/ml



#17 n-Tricontane (C30)

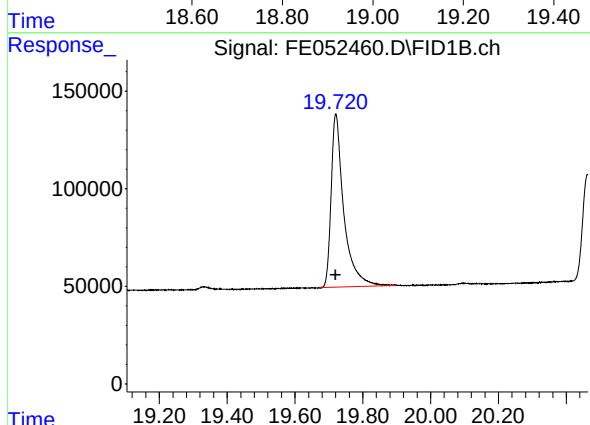
R.T.: 18.096 min
Delta R.T.: -0.002 min
Response: 2714191
Conc: 17.39 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



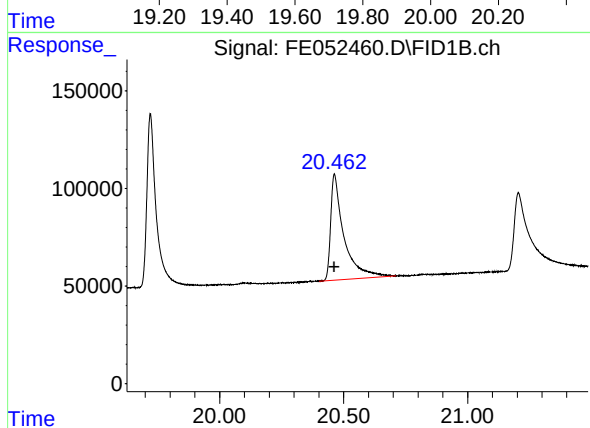
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: 0.000 min
Response: 2609259
Conc: 17.05 ug/ml



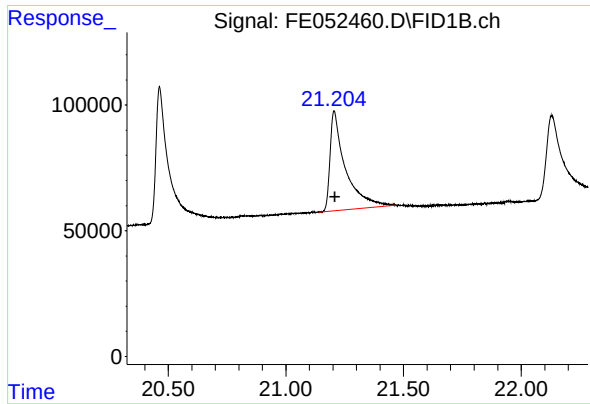
#19 n-Tetatriacontane (C34)

R.T.: 19.721 min
Delta R.T.: 0.000 min
Response: 2301145
Conc: 16.18 ug/ml



#20 n-Hexatriacontane (C36)

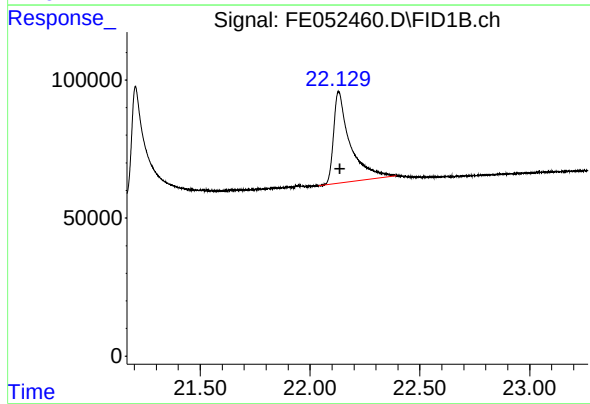
R.T.: 20.463 min
Delta R.T.: 0.000 min
Response: 2012304
Conc: 16.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.205 min
Delta R.T.: -0.004 min
Response: 1805959
Conc: 16.52 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.130 min
Delta R.T.: -0.005 min
Response: 1733402
Conc: 17.23 ug/ml