

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022525AL\
 Data File : FE052480.D
 Signal(s) : FID1B.ch
 Acq On : 25 Feb 2025 09:02
 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 26 03:05:01 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)	11.921	3448804	18.450 ug/ml
Spiked Amount 50.000		Recovery =	36.90%
12) S 1-chlorooctadecane (S...	13.367	2571503	18.501 ug/ml
Spiked Amount 50.000		Recovery =	37.00%
Target Compounds			
1) T n-Nonane (C9)	3.255	3196094	20.821 ug/ml
2) T n-Decane (C10)	4.517	3250652	20.812 ug/ml
3) T A~Naphthalene (C11.7)	6.232	3570164	20.664 ug/ml
4) T n-Dodecane (C12)	6.700	3225359	20.434 ug/ml
5) T A~2-methylnaphthalene...	7.336	3426361	20.401 ug/ml
6) T n-Tetradecane (C14)	8.539	3127235	19.854 ug/ml
7) T n-Hexadecane (C16)	10.155	3174105	19.421 ug/ml
8) T n-Octadecane (C18)	11.605	3153899	19.061 ug/ml
10) T n-Eicosane (C20)	12.921	2998528	18.809 ug/ml
11) T n-Heneicosane (C21)	13.535	2934212	18.728 ug/ml
13) T n-Docosane (C22)	14.124	2908867	18.587 ug/ml
14) T n-Tetracosane (C24)	15.232	2880918	18.318 ug/ml
15) T n-Hexacosane (C26)	16.256	2838526	18.326 ug/ml
16) T n-Octacosane (C28)	17.209	2794973	18.272 ug/ml
17) T n-Tricontane (C30)	18.099	2841727	18.205 ug/ml
18) T n-Dotriacontane (C32)	18.933	2744353	17.935 ug/ml
19) T n-Tetratriacontane (C34)	19.719	2456058	17.264 ug/ml
20) T n-Hexatriacontane (C36)	20.461	2200040	17.652 ug/ml
21) T n-Octatriacontane (C38)	21.206	2180586	19.950 ug/ml
22) T n-Tetracontane (C40)	22.133	2218426	22.054 ug/ml

(f)=RT Delta > 1/2 Window

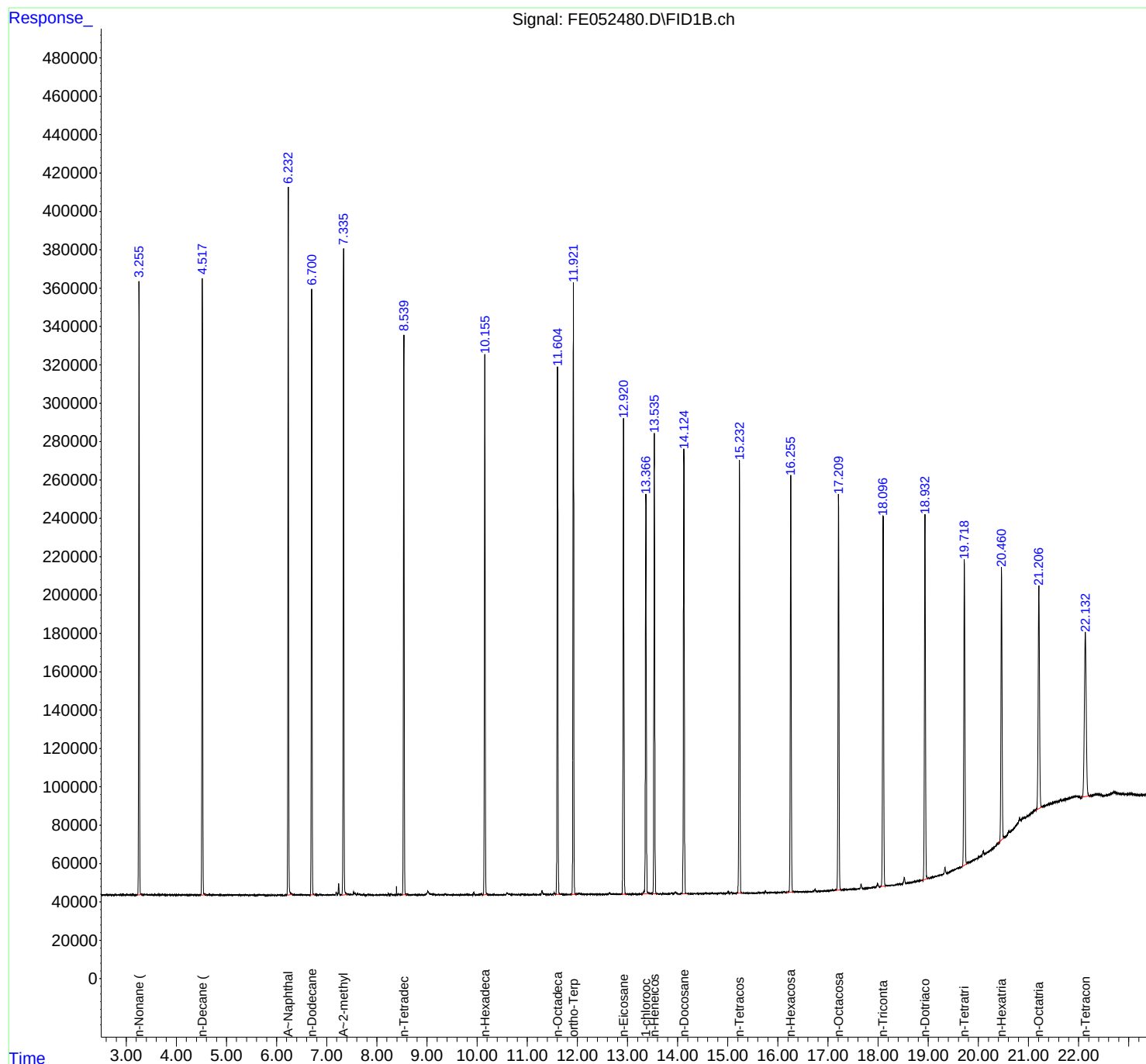
(m)=manual int.

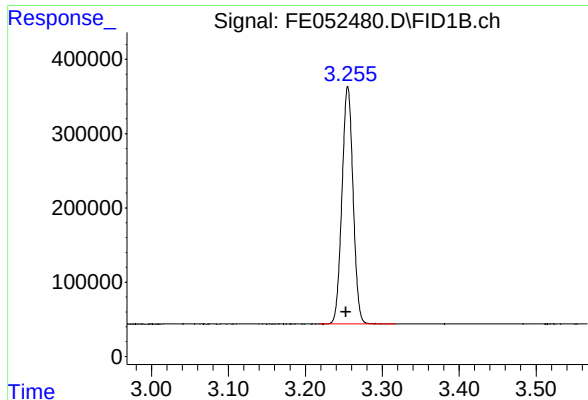
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022525AL\
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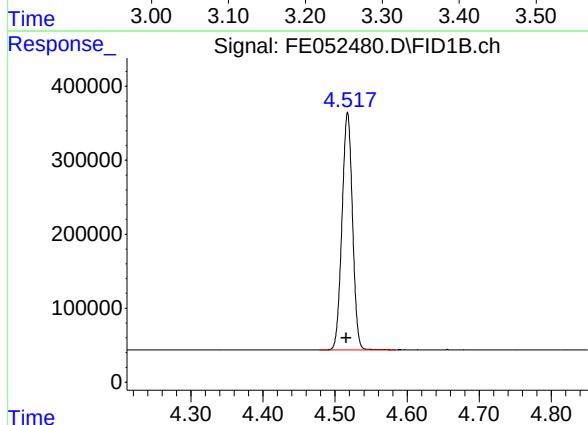




#1 n-Nonane (C9)

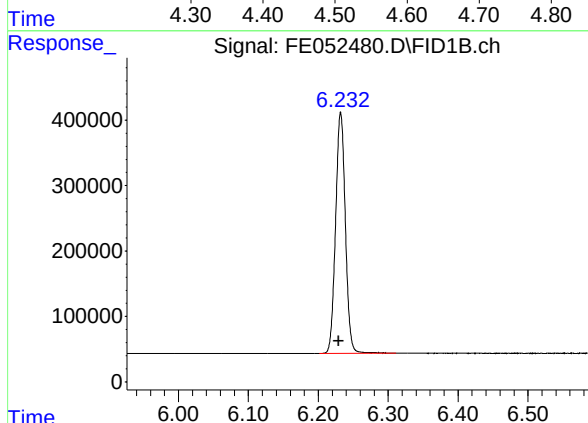
R.T.: 3.255 min
Delta R.T.: 0.002 min
Response: 3196094
Conc: 20.82 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



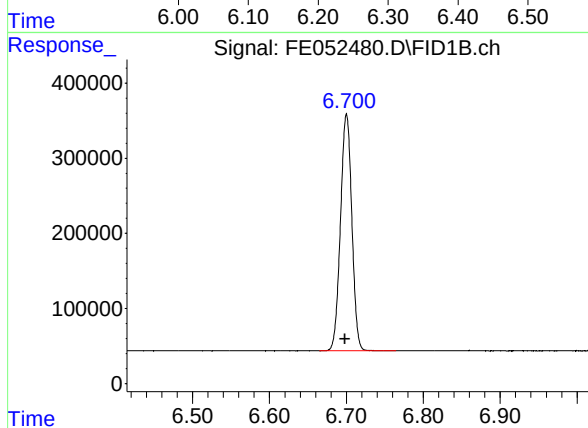
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.002 min
Response: 3250652
Conc: 20.81 ug/ml



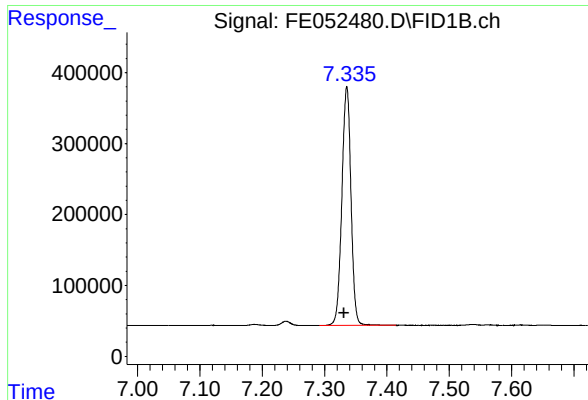
#3 A~Naphthalene (C11.7)

R.T.: 6.232 min
Delta R.T.: 0.003 min
Response: 3570164
Conc: 20.66 ug/ml



#4 n-Dodecane (C12)

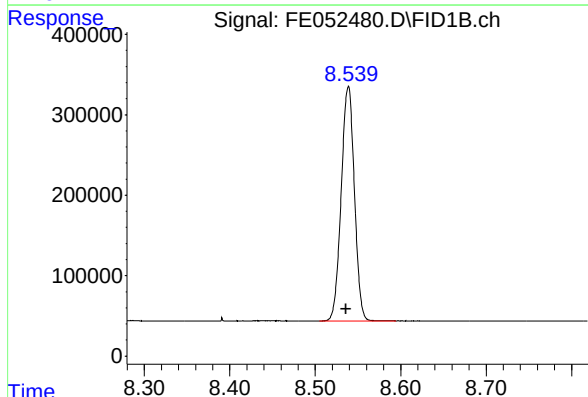
R.T.: 6.700 min
Delta R.T.: 0.002 min
Response: 3225359
Conc: 20.43 ug/ml



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

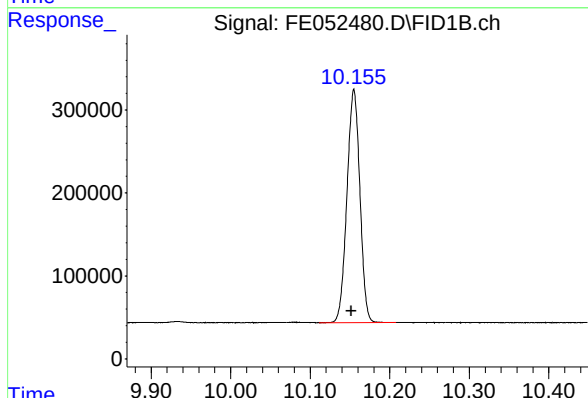
R.T.: 7.336 min
Delta R.T.: 0.004 min
Response: 3426361
Conc: 20.40 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



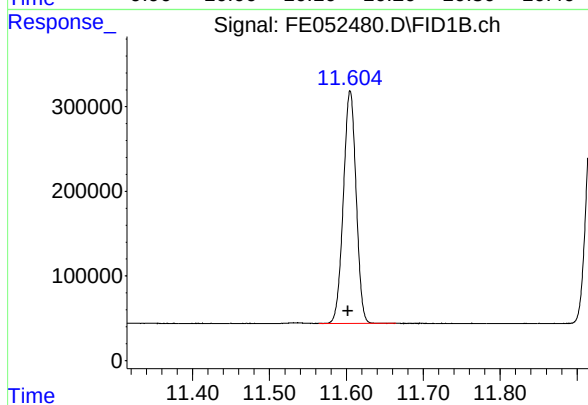
#6 n-Tetradecane (C14)

R.T.: 8.539 min
Delta R.T.: 0.003 min
Response: 3127235
Conc: 19.85 ug/ml



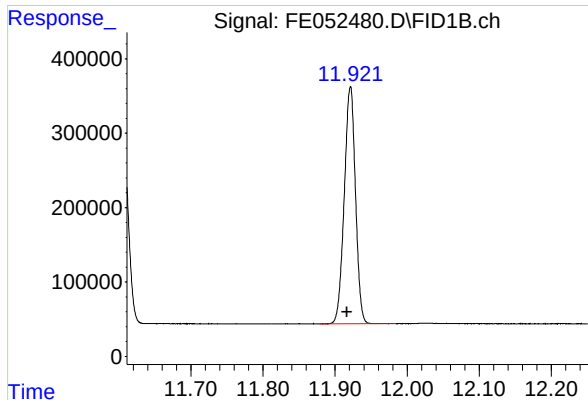
#7 n-Hexadecane (C16)

R.T.: 10.155 min
Delta R.T.: 0.003 min
Response: 3174105
Conc: 19.42 ug/ml



#8 n-Octadecane (C18)

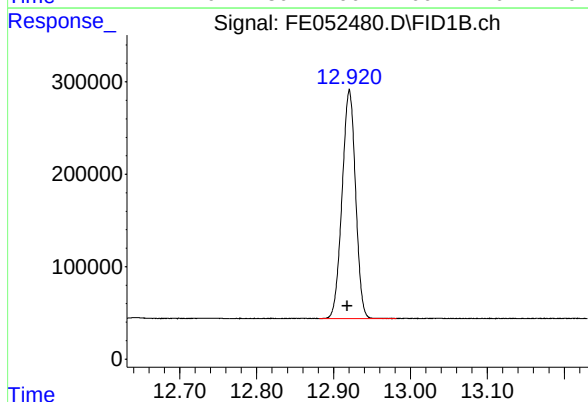
R.T.: 11.605 min
Delta R.T.: 0.003 min
Response: 3153899
Conc: 19.06 ug/ml



#9 ortho-Terphenyl (SURR)

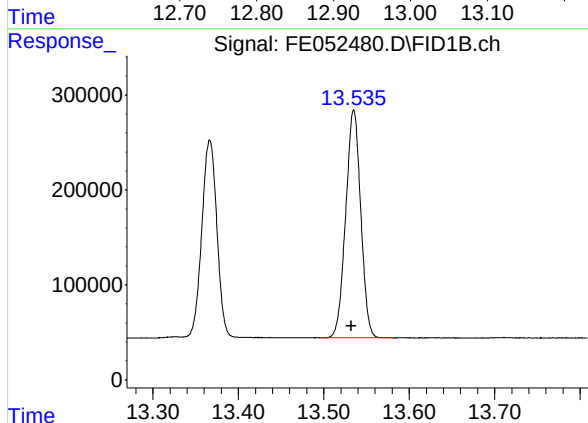
R.T.: 11.921 min
Delta R.T.: 0.005 min
Response: 3448804
Conc: 18.45 ug/ml

Instrument :
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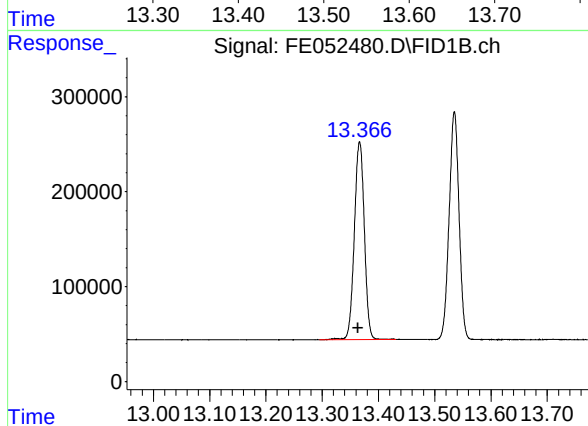
#10 n-Eicosane (C20)

R.T.: 12.921 min
Delta R.T.: 0.003 min
Response: 2998528
Conc: 18.81 ug/ml



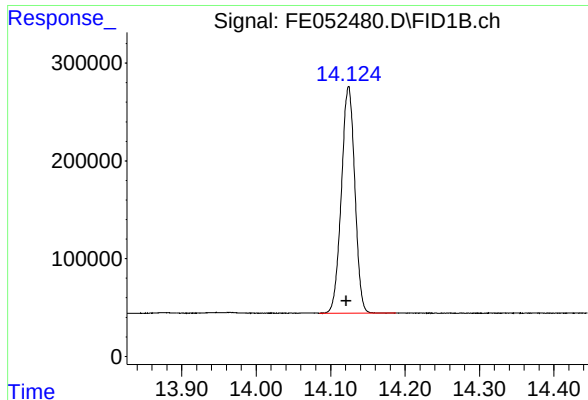
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: 0.003 min
Response: 2934212
Conc: 18.73 ug/ml



#12 1-chlorooctadecane (SURR)

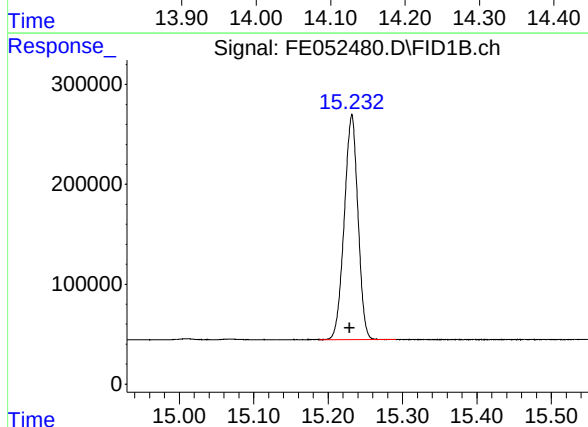
R.T.: 13.367 min
Delta R.T.: 0.002 min
Response: 2571503
Conc: 18.50 ug/ml



#13 n-Docosane (C22)

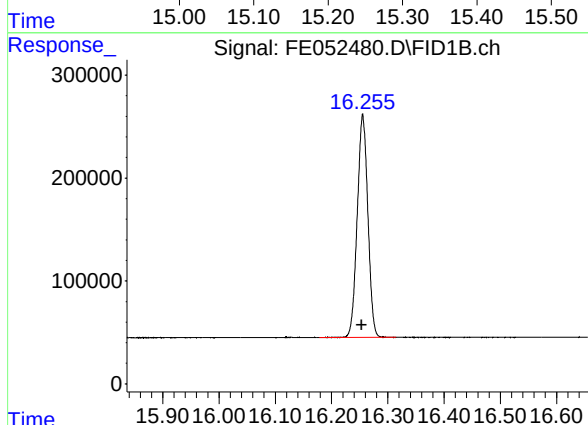
R.T.: 14.124 min
Delta R.T.: 0.003 min
Response: 2908867
Conc: 18.59 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



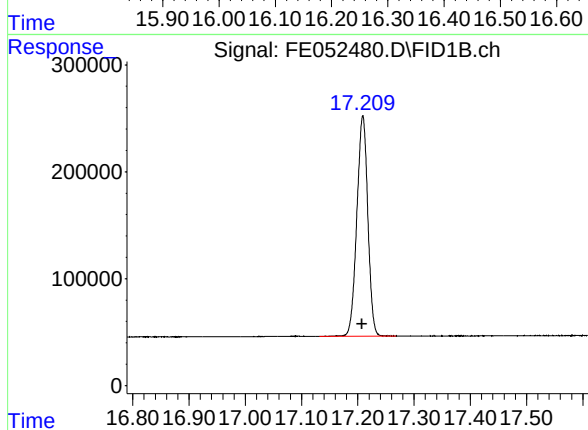
#14 n-Tetracosane (C24)

R.T.: 15.232 min
Delta R.T.: 0.002 min
Response: 2880918
Conc: 18.32 ug/ml



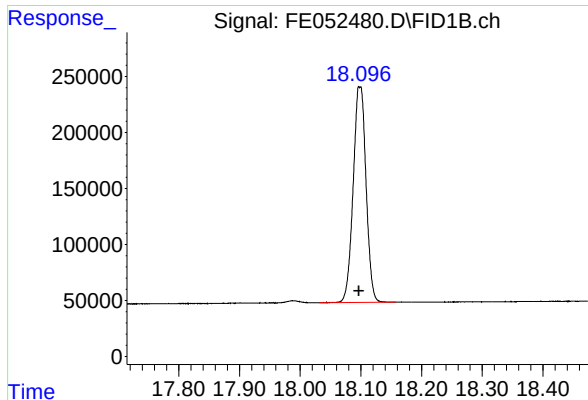
#15 n-Hexacosane (C26)

R.T.: 16.256 min
Delta R.T.: 0.002 min
Response: 2838526
Conc: 18.33 ug/ml



#16 n-Octacosane (C28)

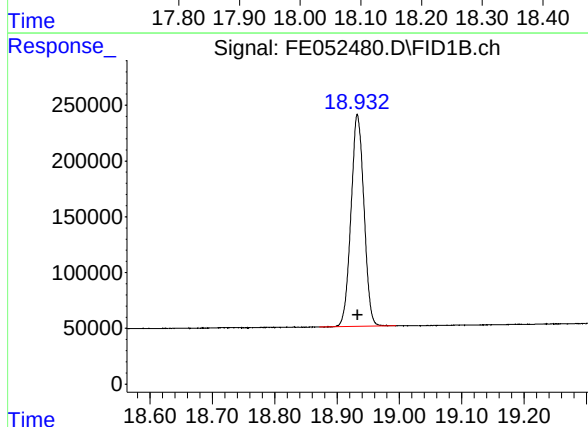
R.T.: 17.209 min
Delta R.T.: 0.001 min
Response: 2794973
Conc: 18.27 ug/ml



#17 n-Tricontane (C30)

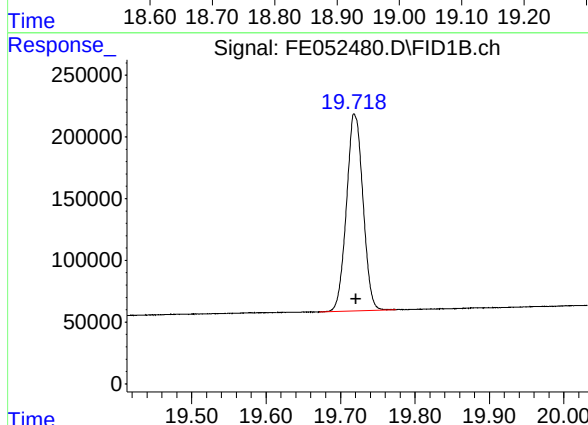
R.T.: 18.099 min
Delta R.T.: 0.001 min
Response: 2841727
Conc: 18.20 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



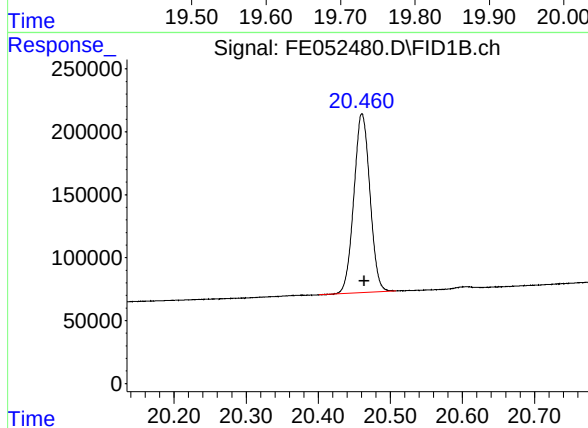
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: 0.000 min
Response: 2744353
Conc: 17.93 ug/ml



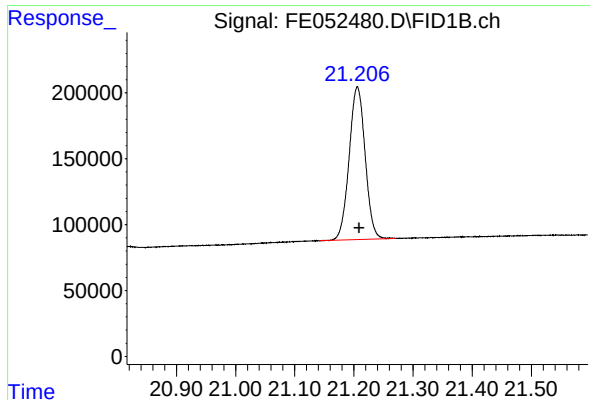
#19 n-Tetratriacontane (C34)

R.T.: 19.719 min
Delta R.T.: -0.001 min
Response: 2456058
Conc: 17.26 ug/ml



#20 n-Hexatriacontane (C36)

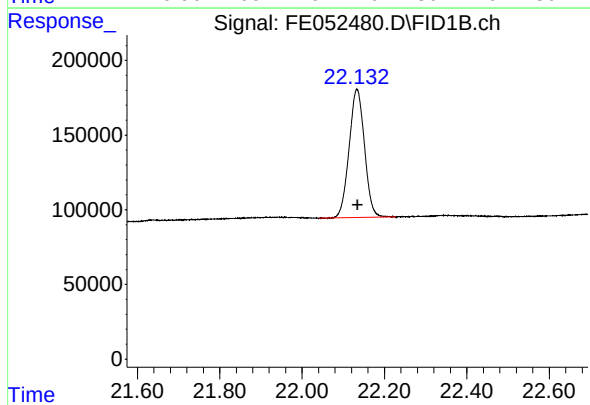
R.T.: 20.461 min
Delta R.T.: -0.003 min
Response: 2200040
Conc: 17.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.206 min
Delta R.T.: -0.004 min
Response: 2180586
Conc: 19.95 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.133 min
Delta R.T.: -0.002 min
Response: 2218426
Conc: 22.05 ug/ml