

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050523AL\
 Data File : FE041749.D
 Signal(s) : FID1B.ch
 Acq On : 05 May 2023 09:25
 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: May 06 01:26:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.974	3459197	18.438 ug/ml
Spiked Amount 50.000		Recovery =	36.88%
12) S 1-chlorooctadecane (S...	13.409	2532905	17.930 ug/ml
Spiked Amount 50.000		Recovery =	35.86%
Target Compounds			
1) T n-Nonane (C9)	3.352	2791346	18.989 ug/ml
2) T n-Decane (C10)	4.605	2894593	19.300 ug/ml
3) T A~Naphthalene (C11.7)	6.311	3178073	19.204 ug/ml
4) T n-Dodecane (C12)	6.773	2922564	19.222 ug/ml
5) T A~2-methylnaphthalene...	7.408	3089746	19.162 ug/ml
6) T n-Tetradecane (C14)	8.602	2925356	19.258 ug/ml
7) T n-Hexadecane (C16)	10.211	3038474	19.040 ug/ml
8) T n-Octadecane (C18)	11.655	3078694	18.783 ug/ml
10) T n-Eicosane (C20)	12.964	2953528	18.363 ug/ml
11) T n-Heneicosane (C21)	13.576	2891160	18.141 ug/ml
13) T n-Docosane (C22)	14.163	2870707	18.017 ug/ml
14) T n-Tetracosane (C24)	15.266	2845740	17.651 ug/ml
15) T n-Hexacosane (C26)	16.287	2748793	17.387 ug/ml
16) T n-Octacosane (C28)	17.237	2696125	17.522 ug/ml
17) T n-Tricontane (C30)	18.124	2779065	18.247 ug/ml
18) T n-Dotriacontane (C32)	18.958	2756698	18.504 ug/ml
19) T n-Tetratriacontane (C34)	19.740	2644786	18.774 ug/ml
20) T n-Hexatriacontane (C36)	20.482	2566841	19.194 ug/ml
21) T n-Octatriacontane (C38)	21.233	2592458	19.620 ug/ml
22) T n-Tetracontane (C40)	22.171	2606870	20.590 ug/ml

(f)=RT Delta > 1/2 Window

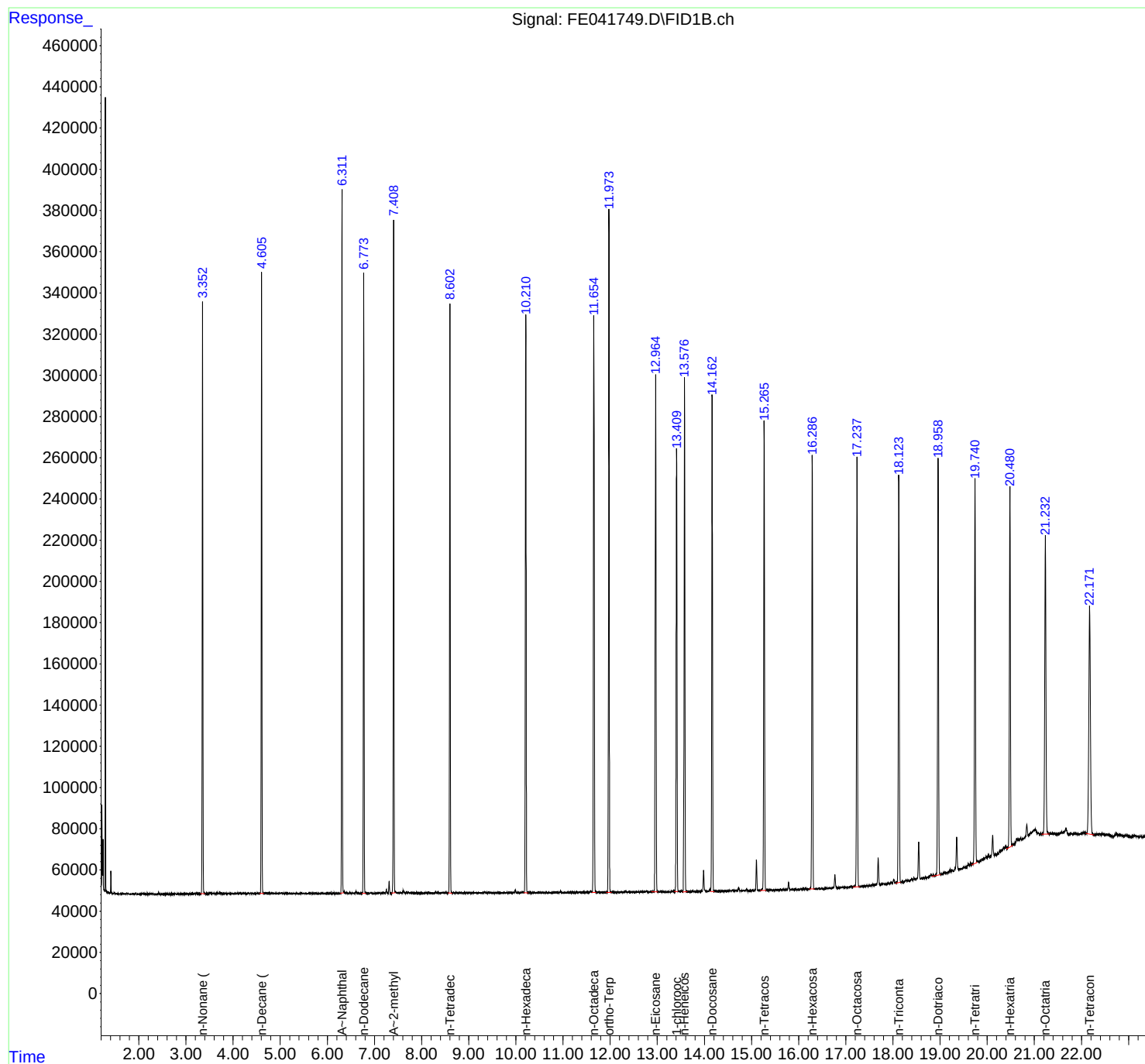
(m)=manual int.

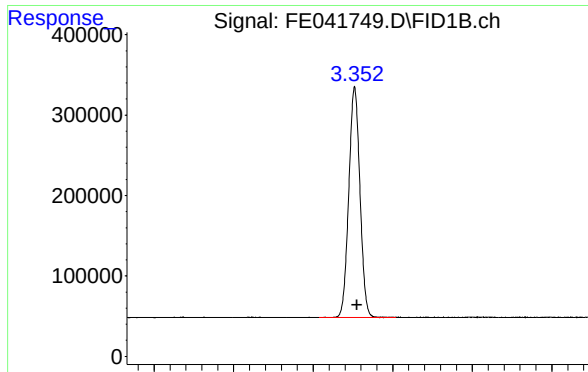
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050523AL\
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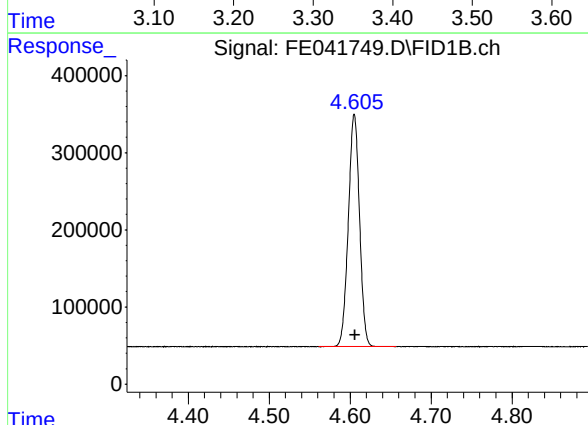




#1 n-Nonane (C9)

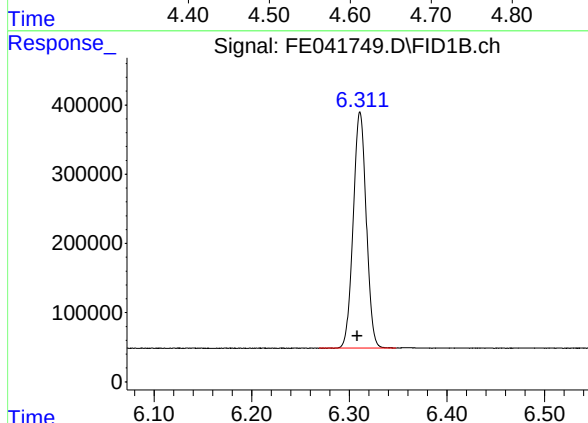
R.T.: 3.352 min
Delta R.T.: -0.003 min
Response: 2791346
Conc: 18.99 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



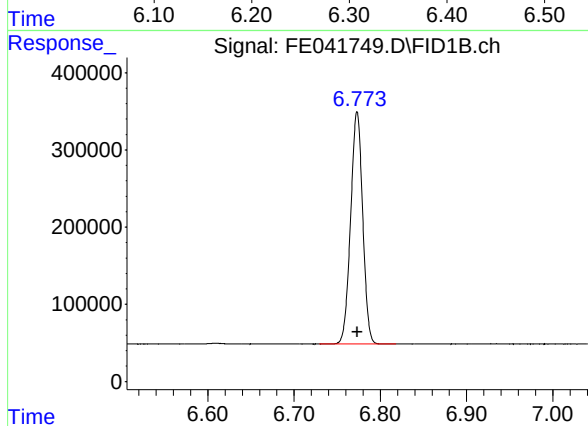
#2 n-Decane (C10)

R.T.: 4.605 min
Delta R.T.: 0.000 min
Response: 2894593
Conc: 19.30 ug/ml



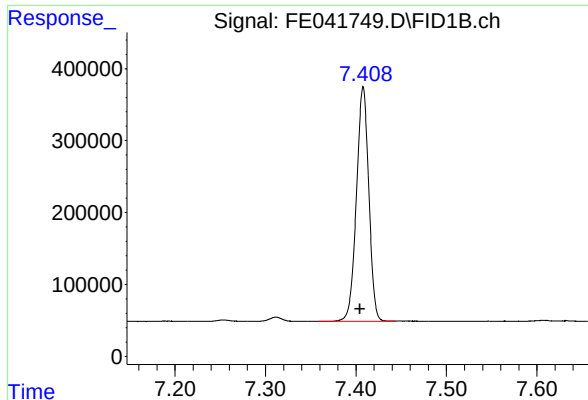
#3 A~Naphthalene (C11.7)

R.T.: 6.311 min
Delta R.T.: 0.003 min
Response: 3178073
Conc: 19.20 ug/ml



#4 n-Dodecane (C12)

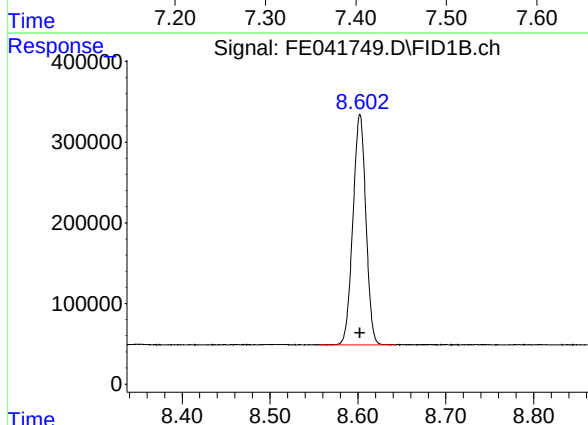
R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 2922564
Conc: 19.22 ug/ml



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

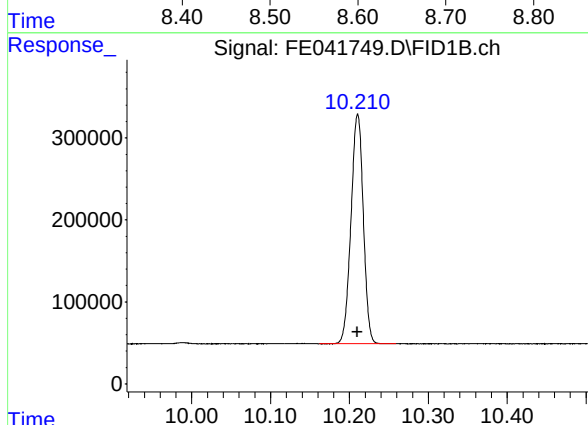
R.T.: 7.408 min
Delta R.T.: 0.004 min
Response: 3089746
Conc: 19.16 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



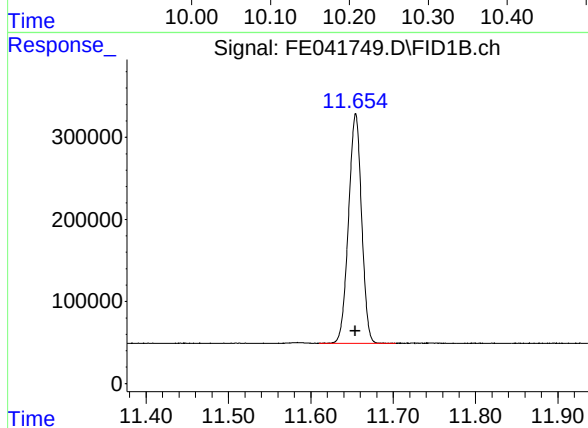
#6 n-Tetradecane (C14)

R.T.: 8.602 min
Delta R.T.: 0.000 min
Response: 2925356
Conc: 19.26 ug/ml



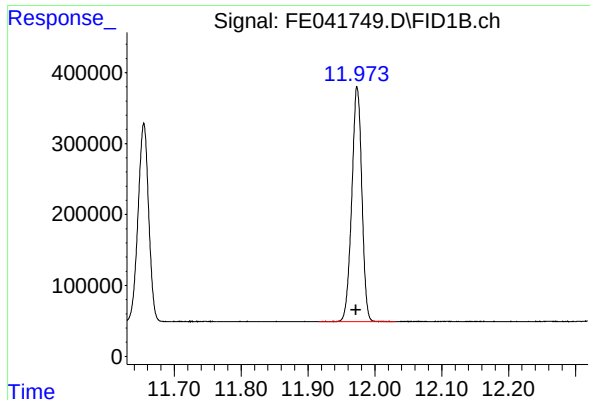
#7 n-Hexadecane (C16)

R.T.: 10.211 min
Delta R.T.: 0.000 min
Response: 3038474
Conc: 19.04 ug/ml



#8 n-Octadecane (C18)

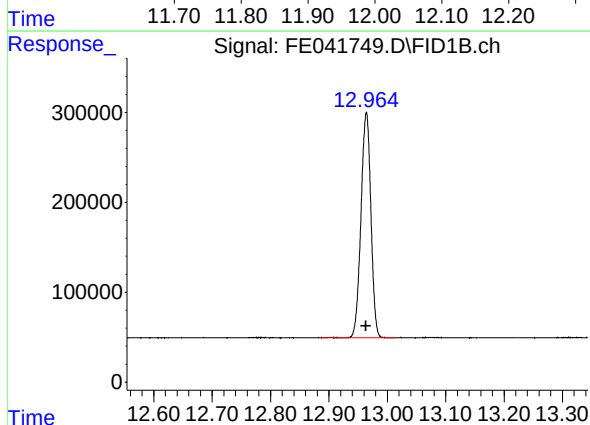
R.T.: 11.655 min
Delta R.T.: 0.000 min
Response: 3078694
Conc: 18.78 ug/ml



#9 ortho-Terphenyl (SURR)

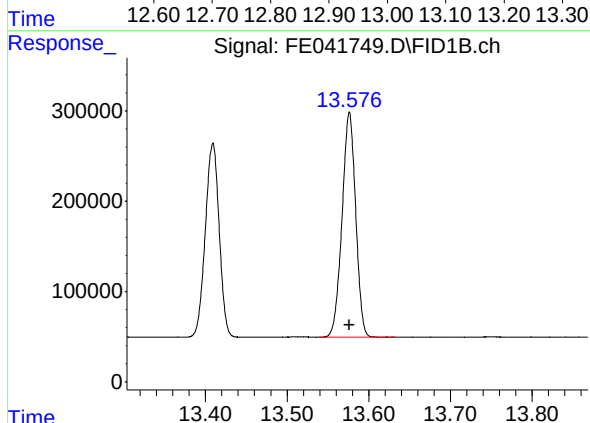
R.T.: 11.974 min
Delta R.T.: 0.002 min
Response: 3459197
Conc: 18.44 ug/ml

Instrument :
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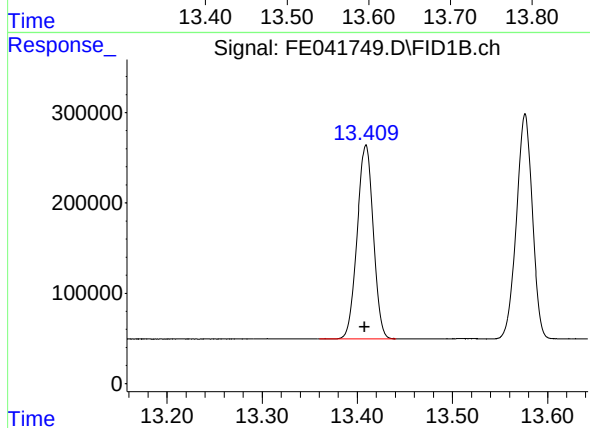
#10 n-Eicosane (C20)

R.T.: 12.964 min
Delta R.T.: 0.000 min
Response: 2953528
Conc: 18.36 ug/ml



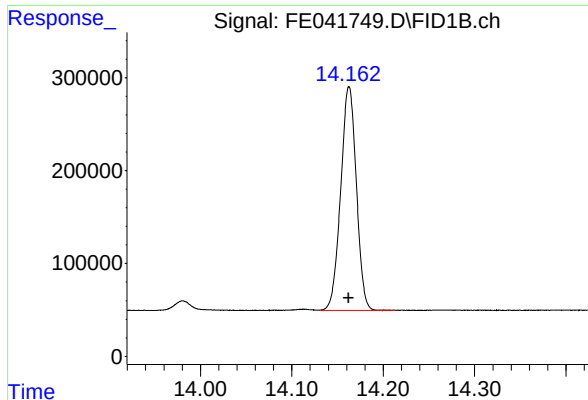
#11 n-Heneicosane (C21)

R.T.: 13.576 min
Delta R.T.: 0.000 min
Response: 2891160
Conc: 18.14 ug/ml



#12 1-chlorooctadecane (SURR)

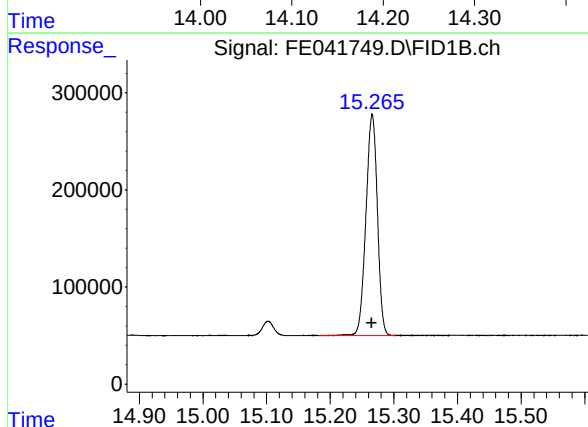
R.T.: 13.409 min
Delta R.T.: 0.002 min
Response: 2532905
Conc: 17.93 ug/ml



#13 n-Docosane (C22)

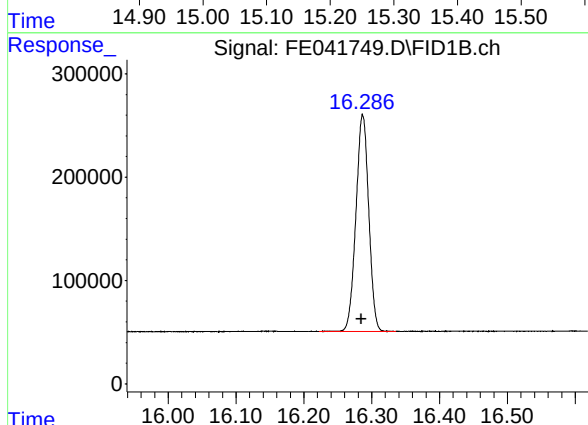
R.T.: 14.163 min
Delta R.T.: 0.000 min
Response: 2870707
Conc: 18.02 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



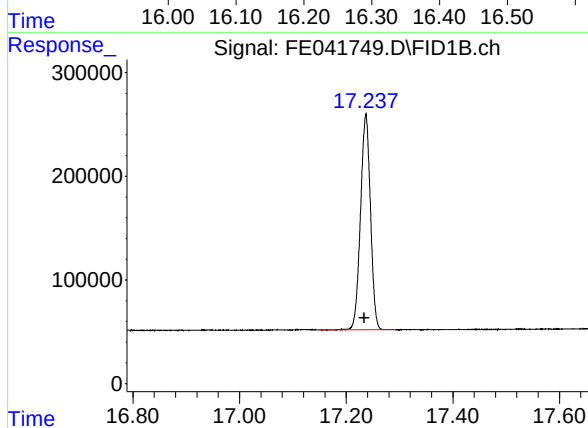
#14 n-Tetracosane (C24)

R.T.: 15.266 min
Delta R.T.: 0.001 min
Response: 2845740
Conc: 17.65 ug/ml



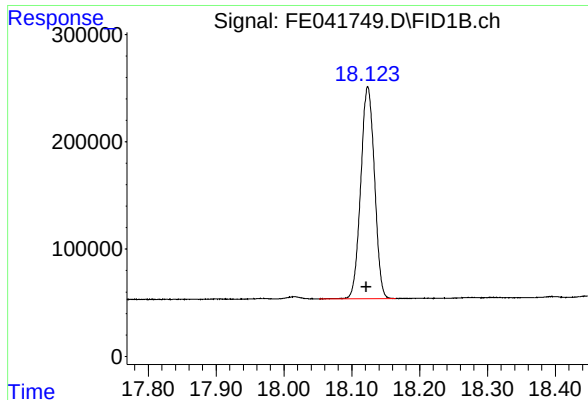
#15 n-Hexacosane (C26)

R.T.: 16.287 min
Delta R.T.: 0.002 min
Response: 2748793
Conc: 17.39 ug/ml



#16 n-Octacosane (C28)

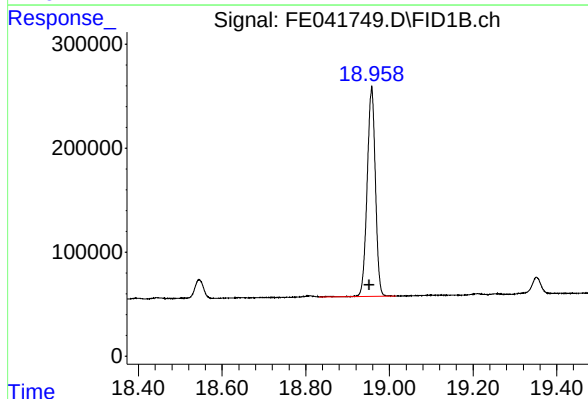
R.T.: 17.237 min
Delta R.T.: 0.003 min
Response: 2696125
Conc: 17.52 ug/ml



#17 n-Tricontane (C30)

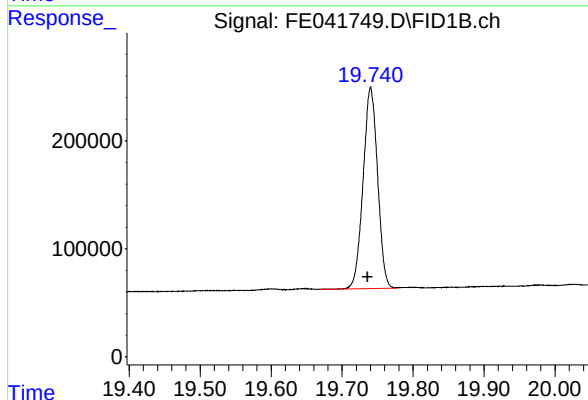
R.T.: 18.124 min
Delta R.T.: 0.002 min
Response: 2779065
Conc: 18.25 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



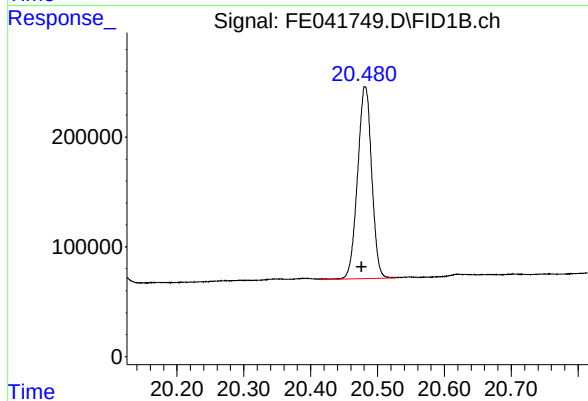
#18 n-Dotriacontane (C32)

R.T.: 18.958 min
Delta R.T.: 0.006 min
Response: 2756698
Conc: 18.50 ug/ml



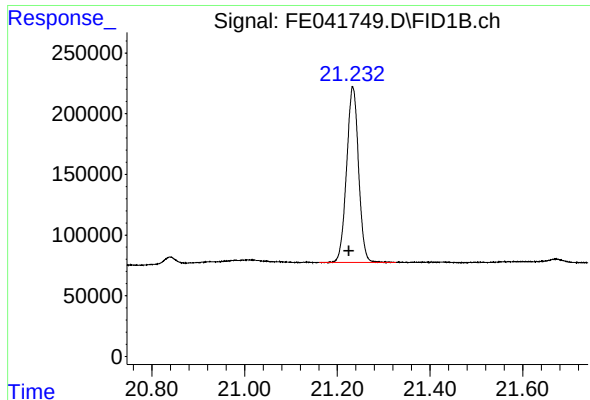
#19 n-Tetratriacontane (C34)

R.T.: 19.740 min
Delta R.T.: 0.004 min
Response: 2644786
Conc: 18.77 ug/ml



#20 n-Hexatriacontane (C36)

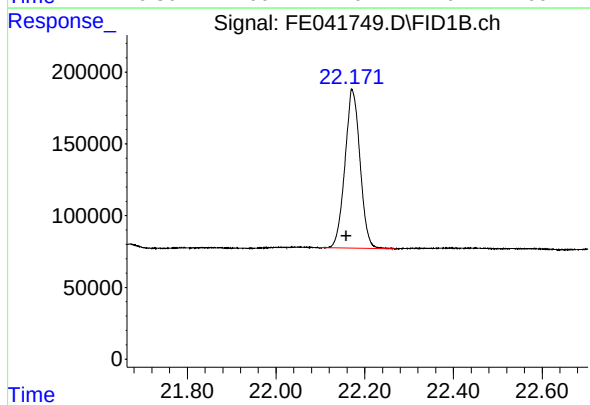
R.T.: 20.482 min
Delta R.T.: 0.005 min
Response: 2566841
Conc: 19.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.233 min
Delta R.T.: 0.009 min
Response: 2592458
Conc: 19.62 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.171 min
Delta R.T.: 0.013 min
Response: 2606870
Conc: 20.59 ug/ml