

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032025AL\
 Data File : FF015706.D
 Signal(s) : FID2B.ch
 Acq On : 20 Mar 2025 18:23
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 21 00:17:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 02:31:19 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)	11.937	3197740	20.989 ug/ml
Spiked Amount 50.000		Recovery =	41.98%
12) S 1-chlorooctadecane (S...	13.372	2461365	21.687 ug/ml
Spiked Amount 50.000		Recovery =	43.37%
Target Compounds			
1) T n-Nonane (C9)	3.310	2719050	21.467 ug/ml
2) T n-Decane (C10)	4.567	2778890	21.640 ug/ml
3) T A~Naphthalene (C11.7)	6.279	2877736	22.173 ug/ml
4) T n-Dodecane (C12)	6.734	2817073	21.617 ug/ml
5) T A~2-methylnaphthalene...	7.375	2717217	22.930 ug/ml
6) T n-Tetradecane (C14)	8.562	2806153	21.668 ug/ml
7) T n-Hexadecane (C16)	10.169	2923955	21.866 ug/ml
8) T n-Octadecane (C18)	11.614	2999681	21.784 ug/ml
10) T n-Eicosane (C20)	12.925	2911688	21.604 ug/ml
11) T n-Heneicosane (C21)	13.537	2872309	21.492 ug/ml
13) T n-Docosane (C22)	14.124	2840683	21.228 ug/ml
14) T n-Tetracosane (C24)	15.229	2860438	21.367 ug/ml
15) T n-Hexacosane (C26)	16.251	2726005	20.843 ug/ml
16) T n-Octacosane (C28)	17.203	2625744	20.100 ug/ml
17) T n-Tricontane (C30)	18.092	2622444	19.447 ug/ml
18) T n-Dotriacontane (C32)	18.925	2496823	19.147 ug/ml
19) T n-Tetratriacontane (C34)	19.709	2185502	18.722 ug/ml
20) T n-Hexatriacontane (C36)	20.450	1918589	19.327 ug/ml
21) T n-Octatriacontane (C38)	21.189	1810854	20.726 ug/ml
22) T n-Tetracontane (C40)	22.104	1815790	22.625 ug/ml

(f)=RT Delta > 1/2 Window

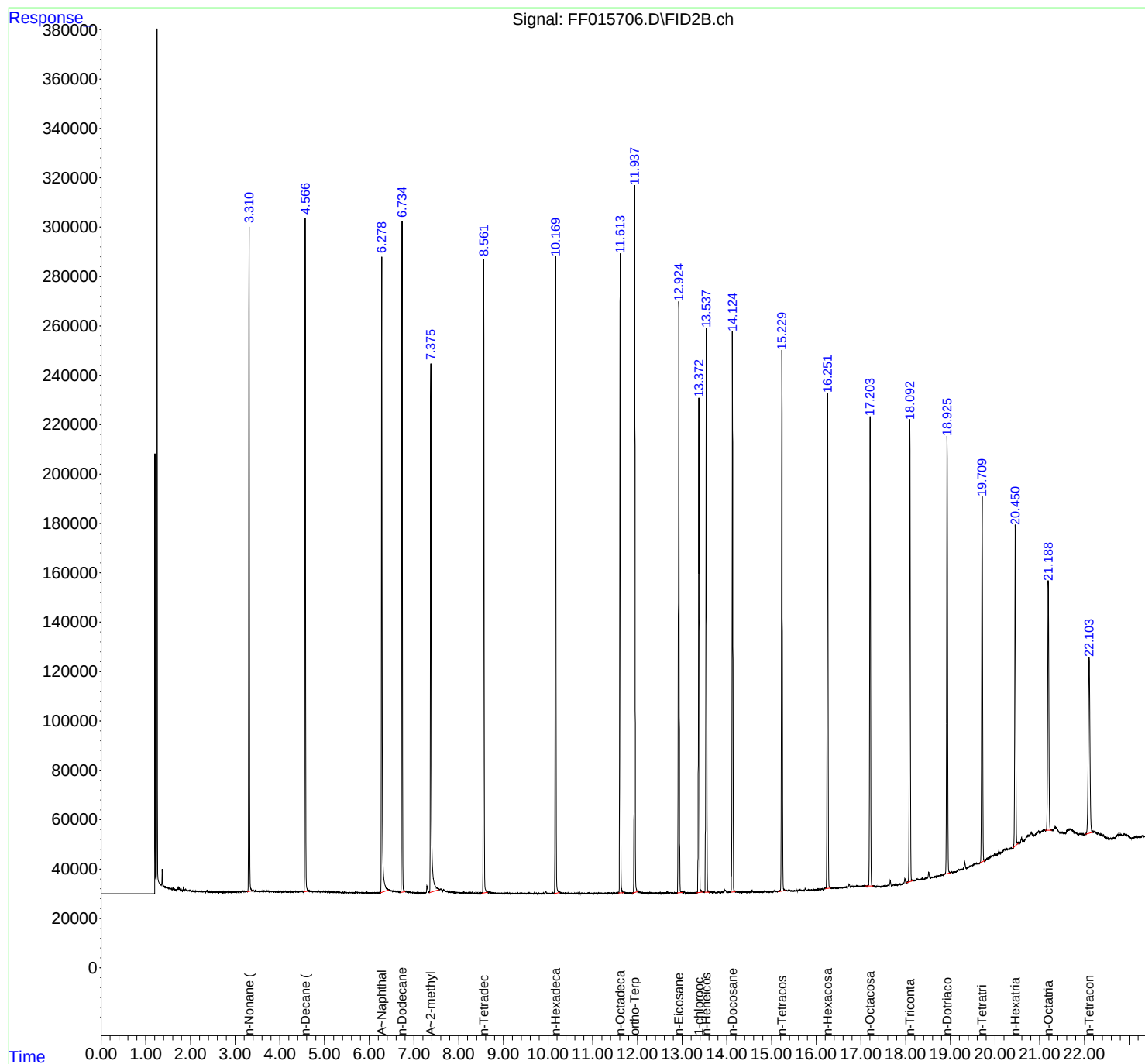
(m)=manual int.

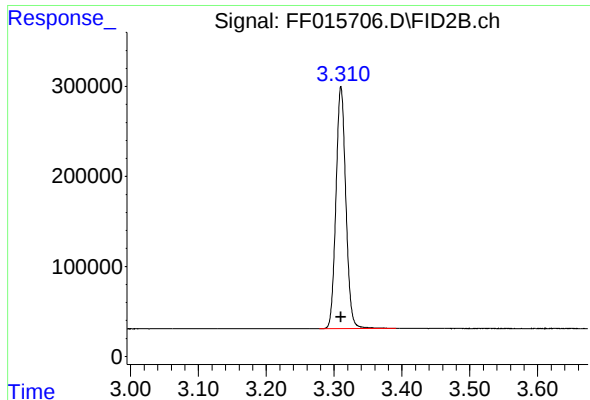
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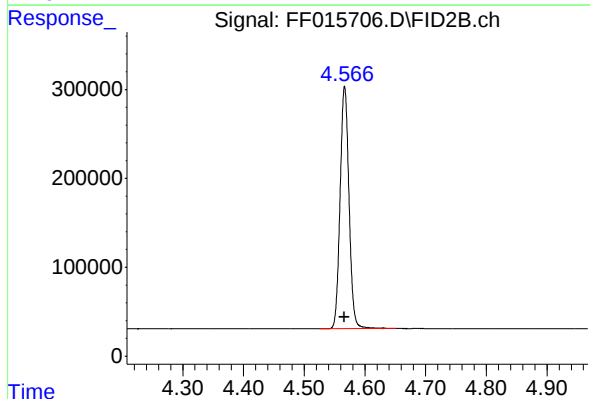




#1 n-Nonane (C9)

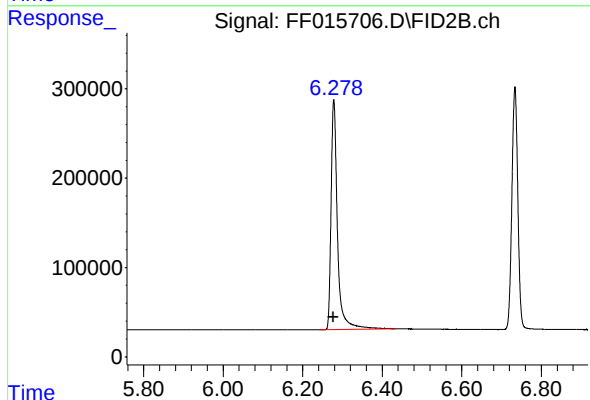
R.T.: 3.310 min
Delta R.T.: 0.000 min
Response: 2719050
Conc: 21.47 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



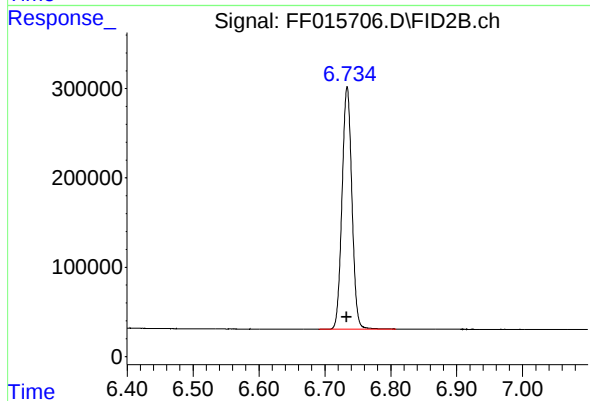
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 2778890
Conc: 21.64 ug/ml



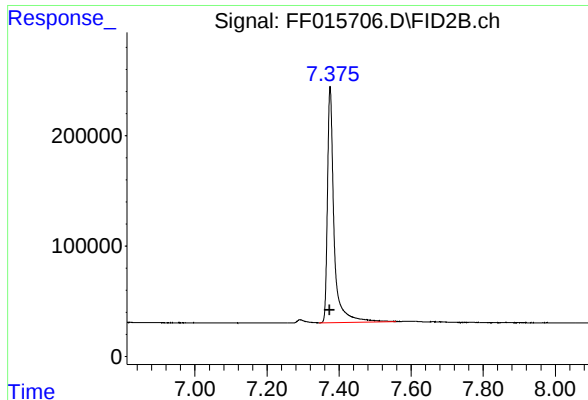
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: 0.002 min
Response: 2877736
Conc: 22.17 ug/ml



#4 n-Dodecane (C12)

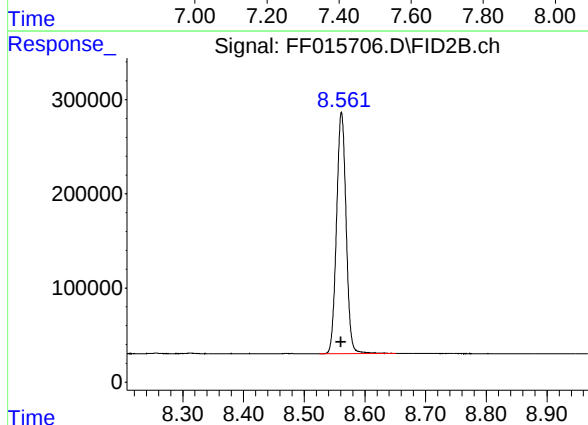
R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 2817073
Conc: 21.62 ug/ml



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

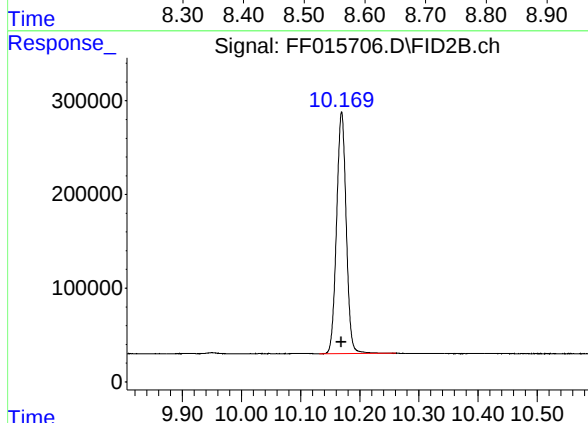
R.T.: 7.375 min
Delta R.T.: 0.002 min
Response: 2717217
Conc: 22.93 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



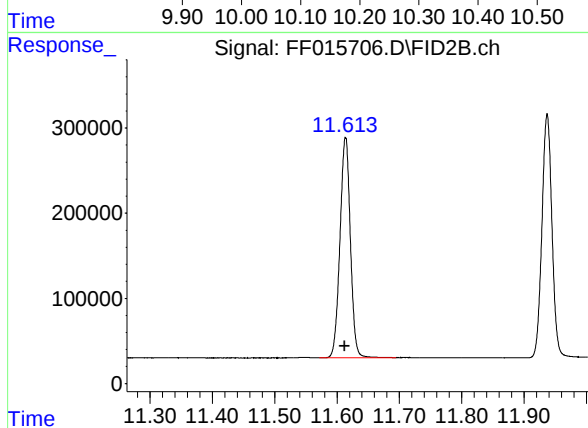
#6 n-Tetradecane (C14)

R.T.: 8.562 min
Delta R.T.: 0.001 min
Response: 2806153
Conc: 21.67 ug/ml



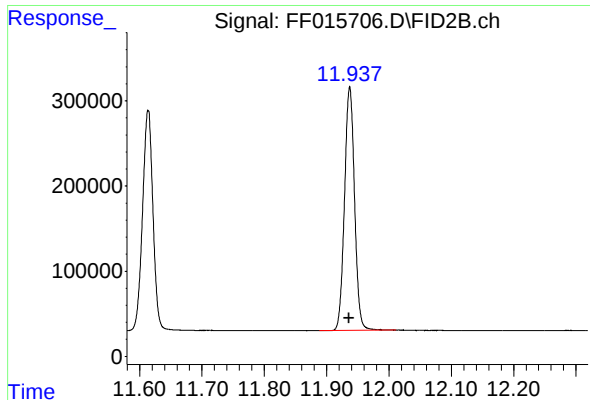
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: 0.000 min
Response: 2923955
Conc: 21.87 ug/ml



#8 n-Octadecane (C18)

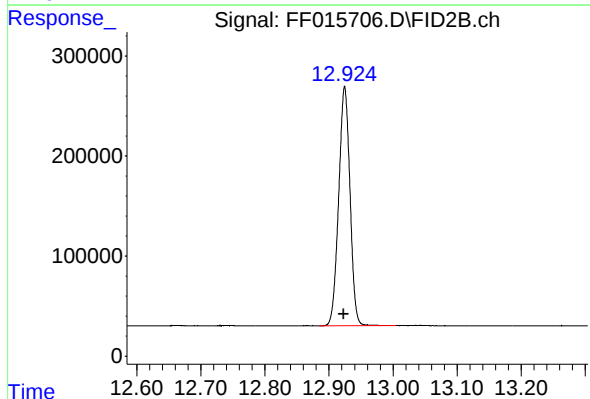
R.T.: 11.614 min
Delta R.T.: 0.002 min
Response: 2999681
Conc: 21.78 ug/ml



#9 ortho-Terphenyl (SURR)

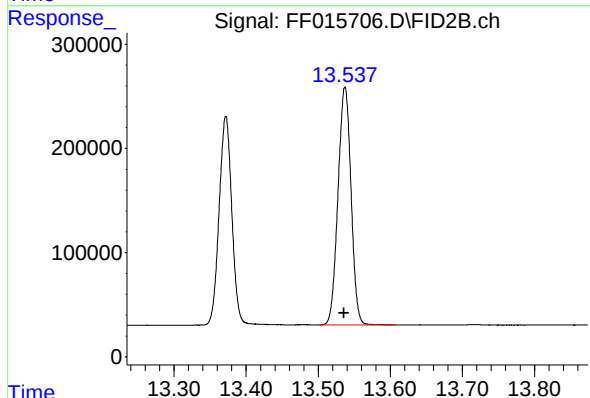
R.T.: 11.937 min
Delta R.T.: 0.001 min
Response: 3197740
Conc: 20.99 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



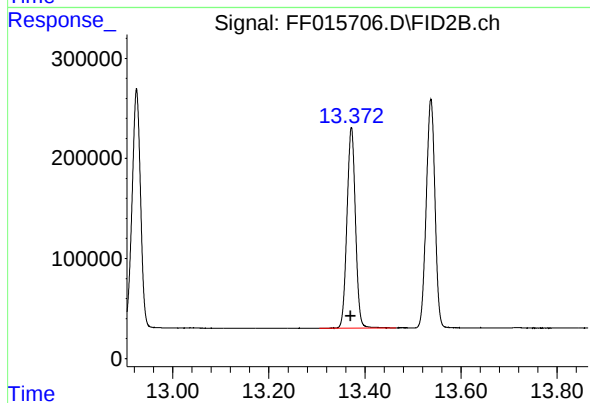
#10 n-Eicosane (C20)

R.T.: 12.925 min
Delta R.T.: 0.002 min
Response: 2911688
Conc: 21.60 ug/ml



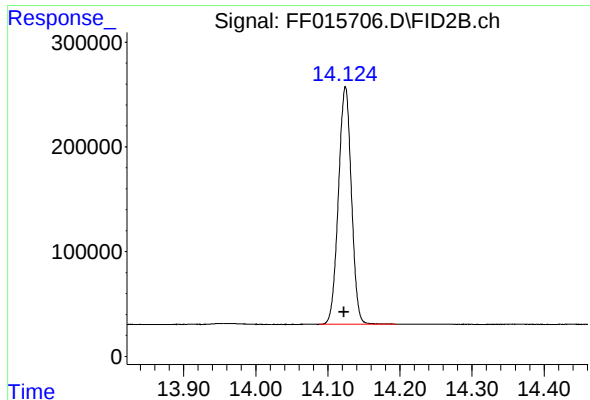
#11 n-Heneicosane (C21)

R.T.: 13.537 min
Delta R.T.: 0.001 min
Response: 2872309
Conc: 21.49 ug/ml



#12 1-chlorooctadecane (SURR)

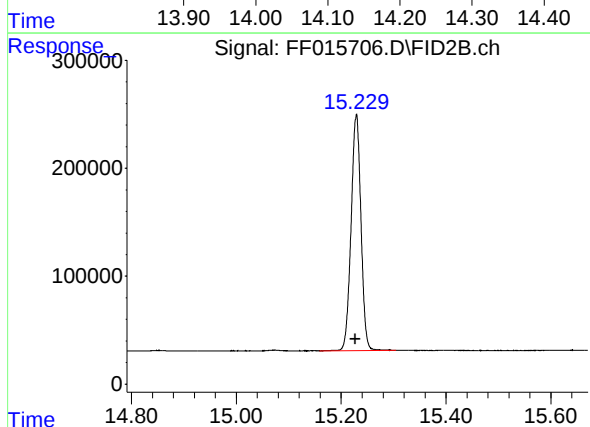
R.T.: 13.372 min
Delta R.T.: 0.001 min
Response: 2461365
Conc: 21.69 ug/ml



#13 n-Docosane (C22)

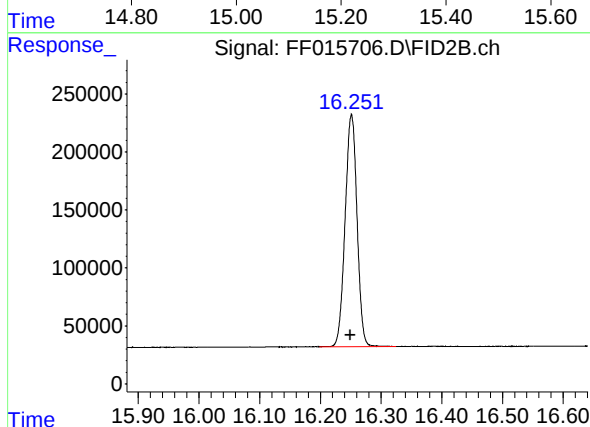
R.T.: 14.124 min
Delta R.T.: 0.002 min
Response: 2840683
Conc: 21.23 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



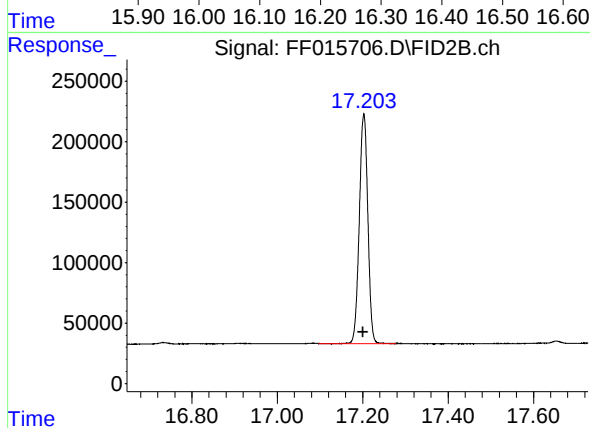
#14 n-Tetracosane (C24)

R.T.: 15.229 min
Delta R.T.: 0.002 min
Response: 2860438
Conc: 21.37 ug/ml



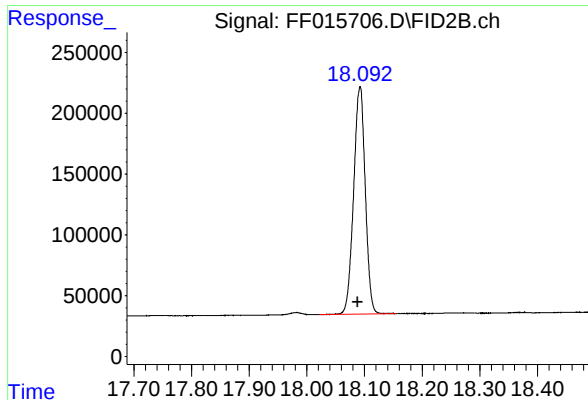
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: 0.002 min
Response: 2726005
Conc: 20.84 ug/ml



#16 n-Octacosane (C28)

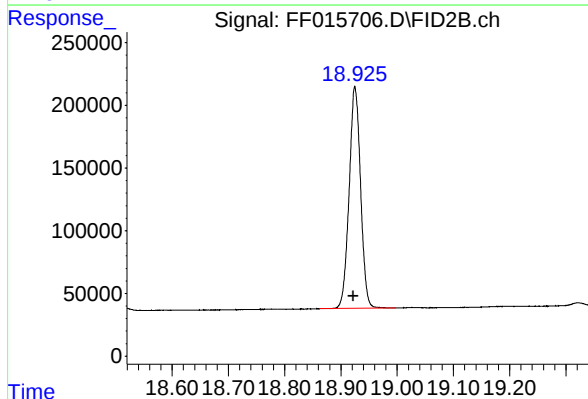
R.T.: 17.203 min
Delta R.T.: 0.002 min
Response: 2625744
Conc: 20.10 ug/ml



#17 n-Tricontane (C30)

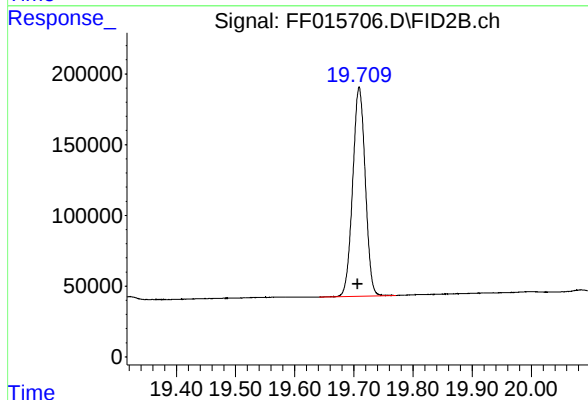
R.T.: 18.092 min
Delta R.T.: 0.003 min
Response: 2622444
Conc: 19.45 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



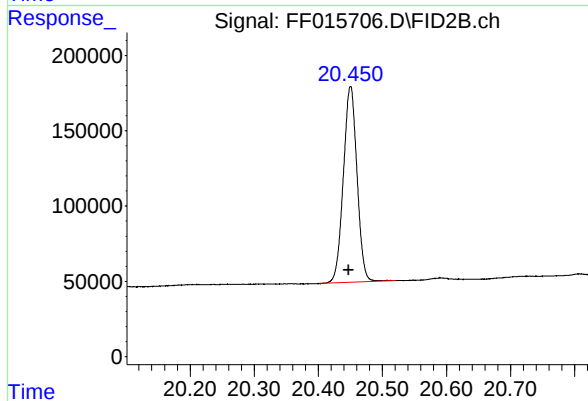
#18 n-Dotriacontane (C32)

R.T.: 18.925 min
Delta R.T.: 0.003 min
Response: 2496823
Conc: 19.15 ug/ml



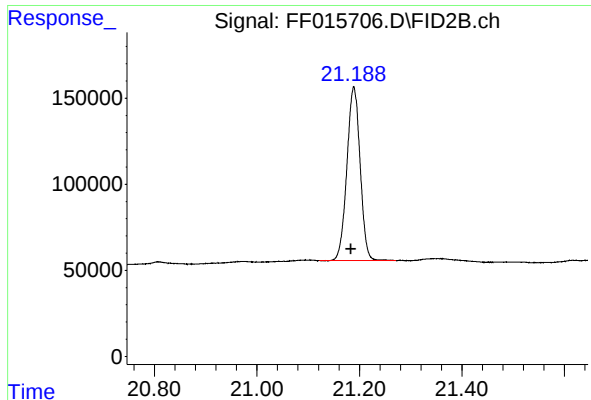
#19 n-Tetatriacontane (C34)

R.T.: 19.709 min
Delta R.T.: 0.002 min
Response: 2185502
Conc: 18.72 ug/ml



#20 n-Hexatriacontane (C36)

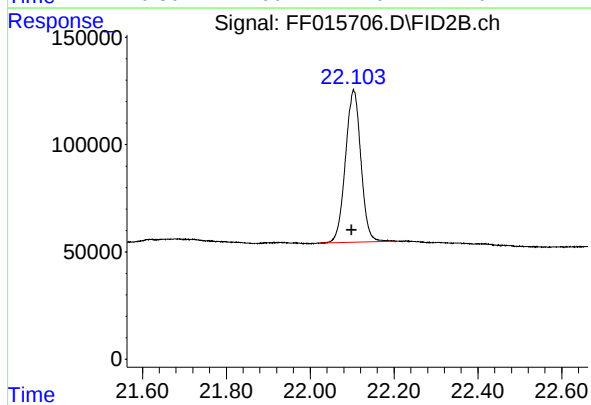
R.T.: 20.450 min
Delta R.T.: 0.003 min
Response: 1918589
Conc: 19.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.189 min
Delta R.T.: 0.005 min
Response: 1810854
Conc: 20.73 ug/ml

Instrument :
FID_F
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 22.104 min
Delta R.T.: 0.005 min
Response: 1815790
Conc: 22.63 ug/ml