

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031725AL\
 Data File : FF015690.D
 Signal(s) : FID2B.ch
 Acq On : 17 Mar 2025 19:59
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Mar 18 02:33:53 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)	11.935	3078093	20.203 ug/ml
Spiked Amount 50.000		Recovery =	40.41%
12) S 1-chlorooctadecane (S...	13.370	2311870	20.370 ug/ml
Spiked Amount 50.000		Recovery =	40.74%
Target Compounds			
1) T n-Nonane (C9)	3.310	2596801	20.502 ug/ml
2) T n-Decane (C10)	4.566	2644465	20.593 ug/ml
3) T A~Naphthalene (C11.7)	6.277	2742060	21.128 ug/ml
4) T n-Dodecane (C12)	6.733	2676280	20.536 ug/ml
5) T A~2-methylnaphthalene...	7.374	2565770	21.652 ug/ml
6) T n-Tetradecane (C14)	8.561	2661827	20.554 ug/ml
7) T n-Hexadecane (C16)	10.168	2764594	20.674 ug/ml
8) T n-Octadecane (C18)	11.612	2841007	20.631 ug/ml
10) T n-Eicosane (C20)	12.922	2769128	20.547 ug/ml
11) T n-Heneicosane (C21)	13.535	2738666	20.492 ug/ml
13) T n-Docosane (C22)	14.122	2704312	20.209 ug/ml
14) T n-Tetracosane (C24)	15.227	2671046	19.952 ug/ml
15) T n-Hexacosane (C26)	16.250	2601824	19.893 ug/ml
16) T n-Octacosane (C28)	17.201	2512077	19.230 ug/ml
17) T n-Tricontane (C30)	18.089	2491163	18.473 ug/ml
18) T n-Dotriacontane (C32)	18.923	2366505	18.148 ug/ml
19) T n-Tetratriacontane (C34)	19.707	2073223	17.761 ug/ml
20) T n-Hexatriacontane (C36)	20.446	1822987	18.364 ug/ml
21) T n-Octatriacontane (C38)	21.184	1711240	19.586 ug/ml
22) T n-Tetracontane (C40)	22.099	1591714	19.833 ug/ml

(f)=RT Delta > 1/2 Window

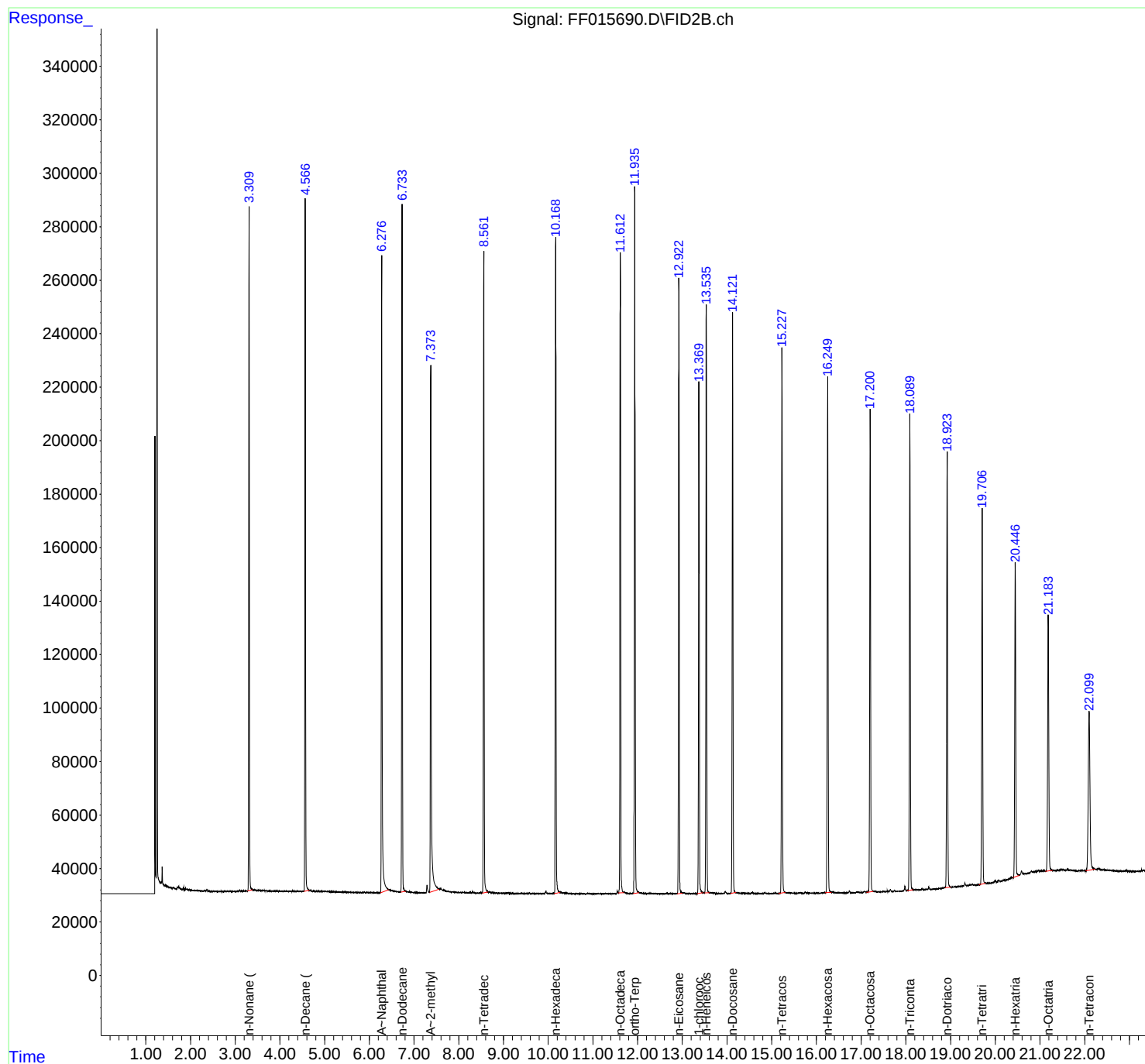
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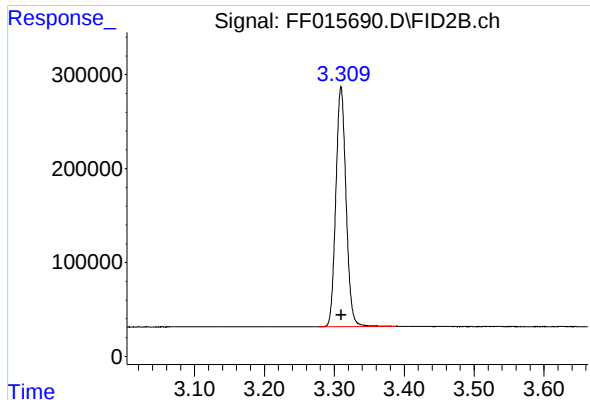
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#1 n-Nonane (C9)

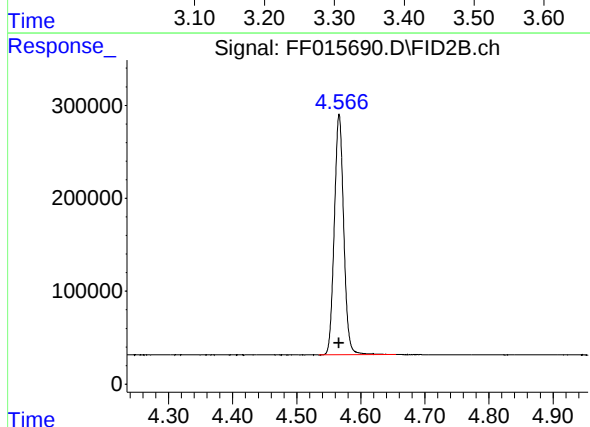
R.T.: 3.310 min
Delta R.T.: 0.000 min
Response: 2596801
Conc: 20.50 ug/ml

Instrument :

FID_F

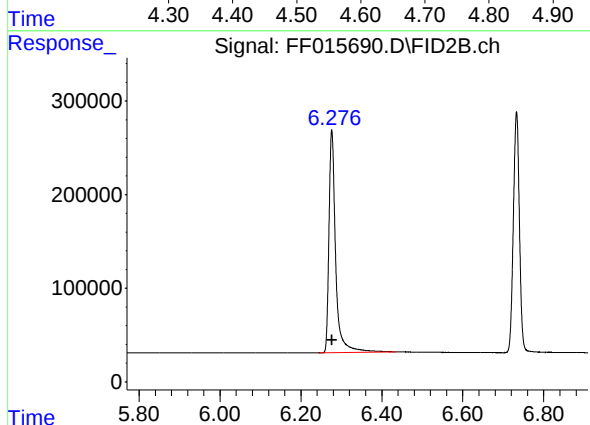
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



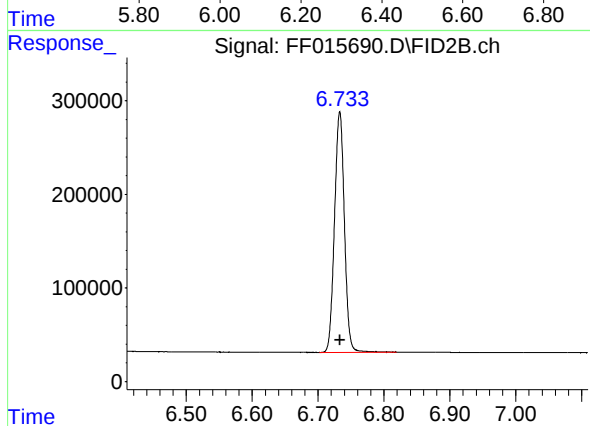
#2 n-Decane (C10)

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 2644465
Conc: 20.59 ug/ml



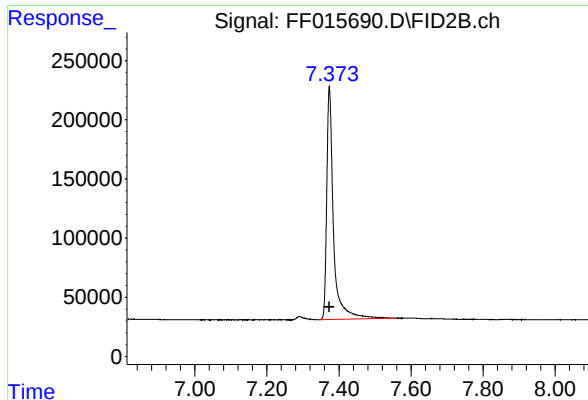
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 2742060
Conc: 21.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 2676280
Conc: 20.54 ug/ml



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

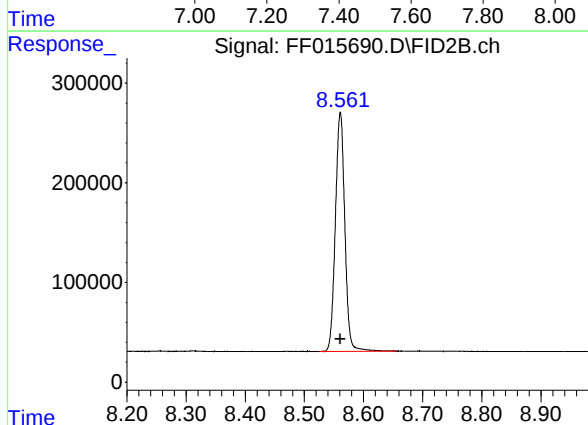
R.T.: 7.374 min
Delta R.T.: 0.000 min
Response: 2565770
Conc: 21.65 ug/ml

Instrument :

FID_F

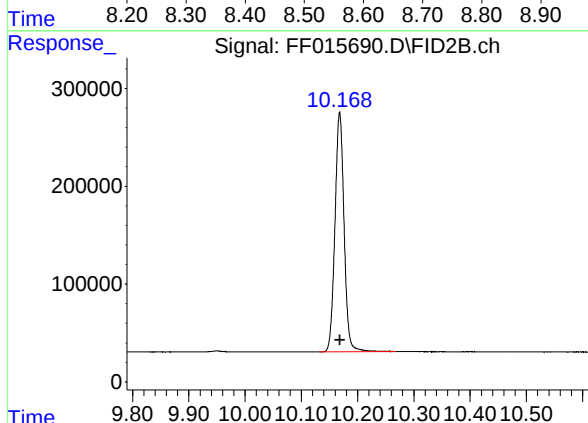
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



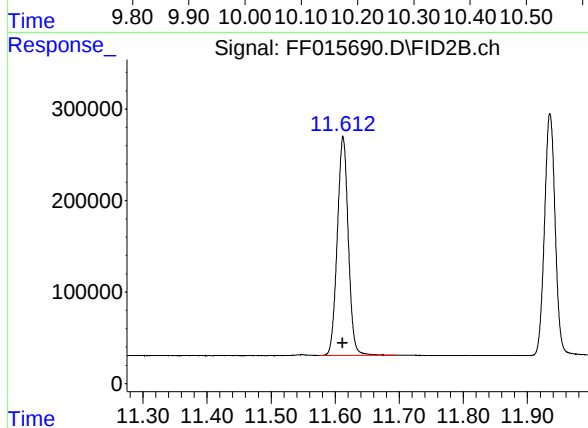
#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: 0.000 min
Response: 2661827
Conc: 20.55 ug/ml



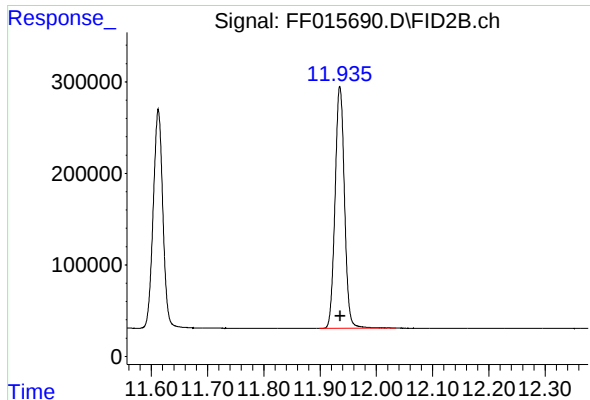
#7 n-Hexadecane (C16)

R.T.: 10.168 min
Delta R.T.: 0.000 min
Response: 2764594
Conc: 20.67 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.612 min
Delta R.T.: 0.000 min
Response: 2841007
Conc: 20.63 ug/ml



#9 ortho-Terphenyl (SURR)

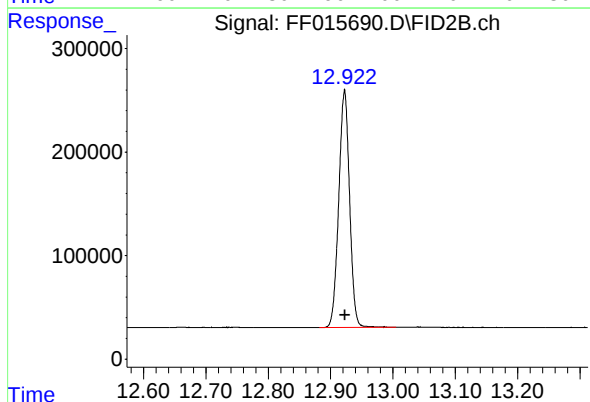
R.T.: 11.935 min
Delta R.T.: 0.000 min
Response: 3078093
Conc: 20.20 ug/ml

Instrument :

FID_F

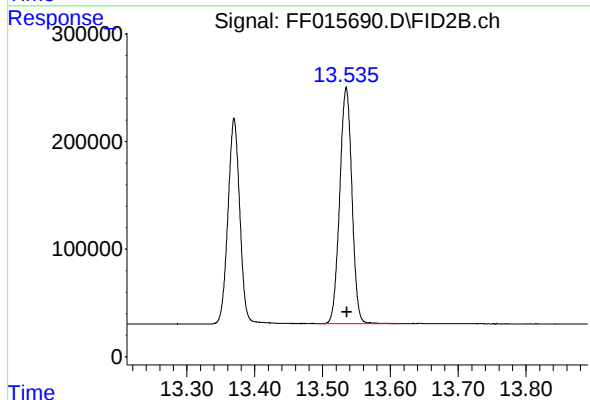
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



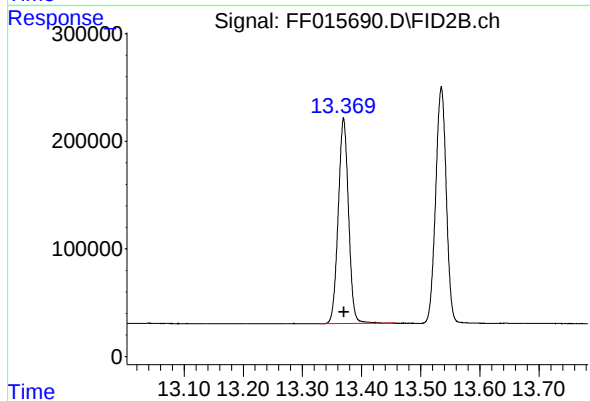
#10 n-Eicosane (C20)

R.T.: 12.922 min
Delta R.T.: 0.000 min
Response: 2769128
Conc: 20.55 ug/ml



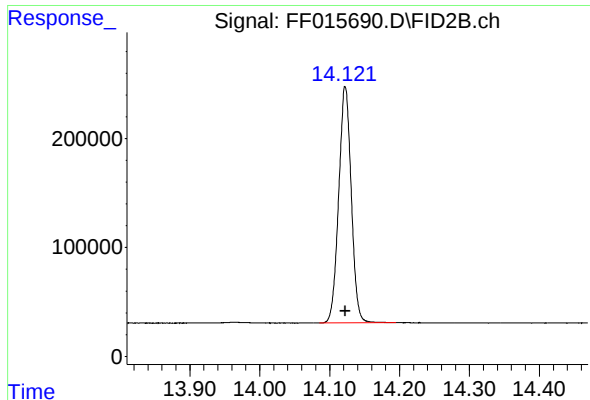
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: 0.000 min
Response: 2738666
Conc: 20.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.370 min
Delta R.T.: 0.000 min
Response: 2311870
Conc: 20.37 ug/ml



#13 n-Docosane (C22)

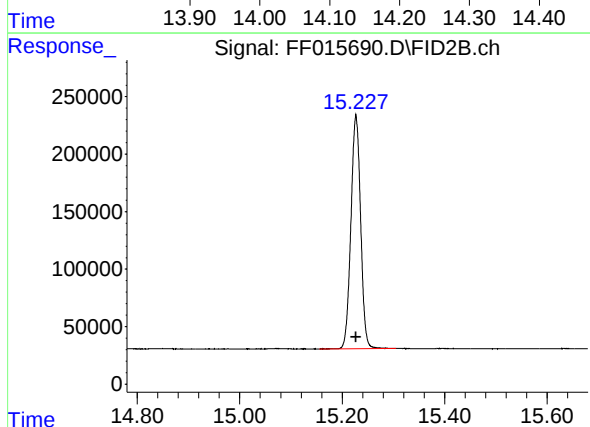
R.T.: 14.122 min
Delta R.T.: 0.000 min
Response: 2704312
Conc: 20.21 ug/ml

Instrument :

FID_F

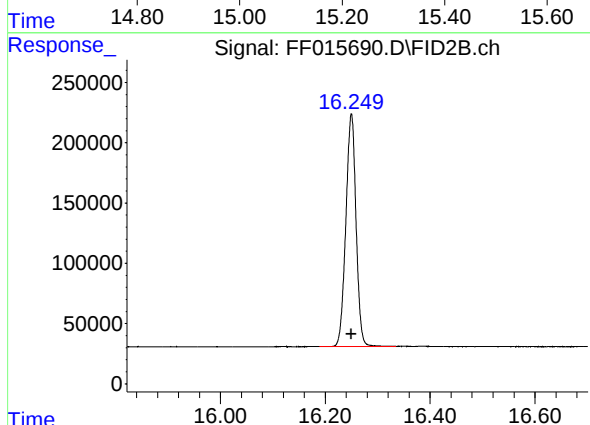
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



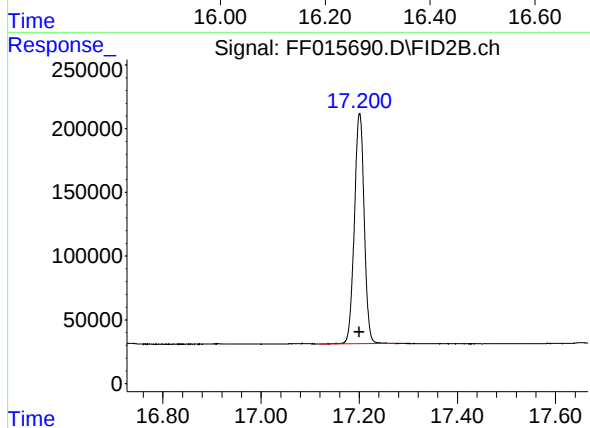
#14 n-Tetracosane (C24)

R.T.: 15.227 min
Delta R.T.: 0.000 min
Response: 2671046
Conc: 19.95 ug/ml



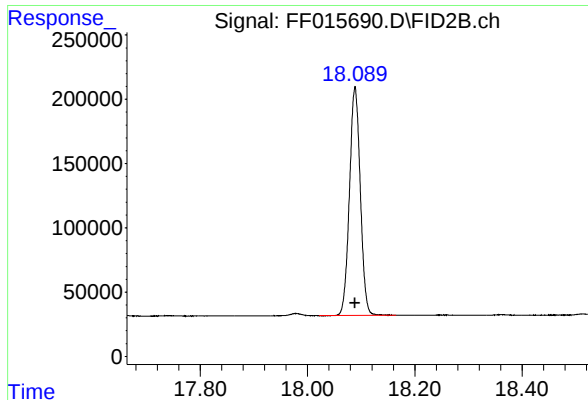
#15 n-Hexacosane (C26)

R.T.: 16.250 min
Delta R.T.: 0.000 min
Response: 2601824
Conc: 19.89 ug/ml



#16 n-Octacosane (C28)

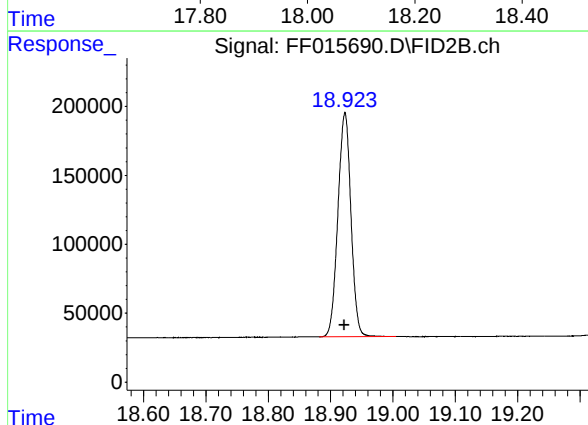
R.T.: 17.201 min
Delta R.T.: 0.000 min
Response: 2512077
Conc: 19.23 ug/ml



#17 n-Tricontane (C30)

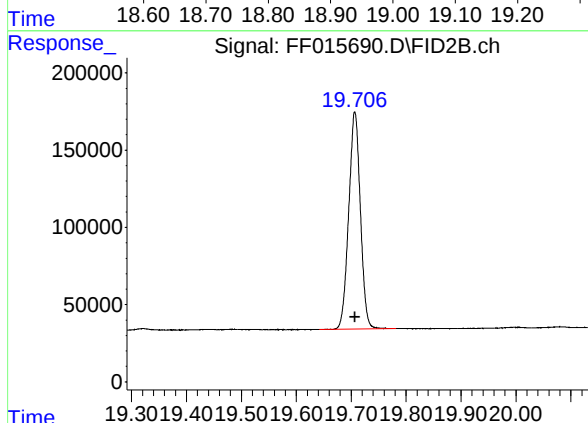
R.T.: 18.089 min
Delta R.T.: 0.000 min
Response: 2491163
Conc: 18.47 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD ICV



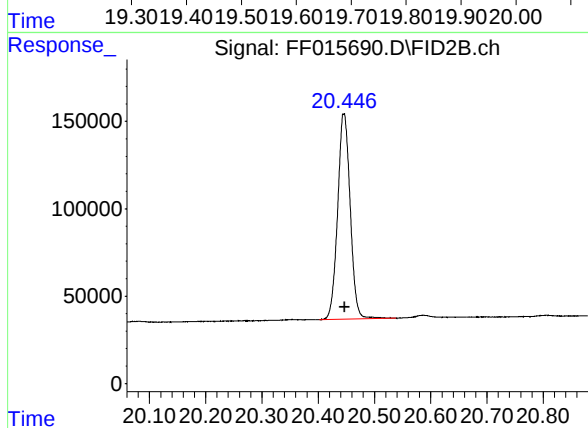
#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: 0.000 min
Response: 2366505
Conc: 18.15 ug/ml



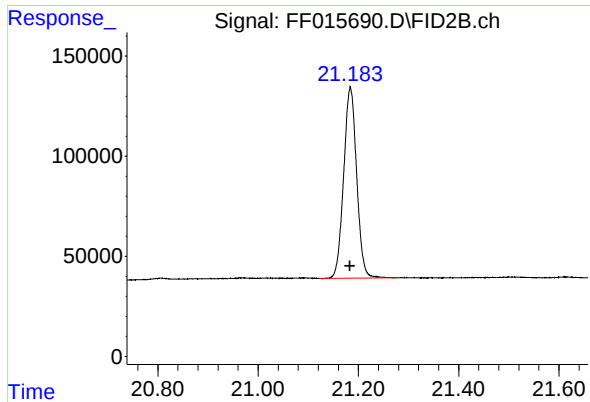
#19 n-Tetratriacontane (C34)

R.T.: 19.707 min
Delta R.T.: 0.000 min
Response: 2073223
Conc: 17.76 ug/ml



#20 n-Hexatriacontane (C36)

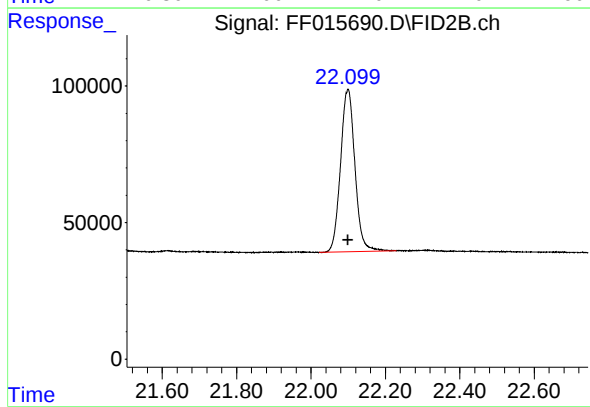
R.T.: 20.446 min
Delta R.T.: -0.001 min
Response: 1822987
Conc: 18.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: 0.000 min
Response: 1711240
Conc: 19.59 ug/ml

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20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.099 min
Delta R.T.: 0.000 min
Response: 1591714
Conc: 19.83 ug/ml