

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AL\
 Data File : FF015233.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 15:26
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jan 14 15:36:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 15:33:37 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)	11.924	2985481	18.778 ug/ml
Spiked Amount 50.000		Recovery =	37.56%
12) S 1-chlorooctadecane (S...	13.360	2338280	18.756 ug/ml
Spiked Amount 50.000		Recovery =	37.51%
Target Compounds			
1) T n-Nonane (C9)	3.315	2484205	18.924 ug/ml
2) T n-Decane (C10)	4.568	2531758	18.927 ug/ml
3) T A~Naphthalene (C11.7)	6.268	2744339	18.869 ug/ml
4) T n-Dodecane (C12)	6.731	2550039	18.911 ug/ml
5) T A~2-methylnaphthalene...	7.362	2657646	18.887 ug/ml
6) T n-Tetradecane (C14)	8.556	2542085	18.815 ug/ml
7) T n-Hexadecane (C16)	10.163	2661749	18.785 ug/ml
8) T n-Octadecane (C18)	11.605	2746456	18.754 ug/ml
10) T n-Eicosane (C20)	12.915	2700787	18.732 ug/ml
11) T n-Heneicosane (C21)	13.527	2678057	18.761 ug/ml
13) T n-Docosane (C22)	14.114	2688138	18.754 ug/ml
14) T n-Tetracosane (C24)	15.217	2716938	18.729 ug/ml
15) T n-Hexacosane (C26)	16.240	2669405	18.784 ug/ml
16) T n-Octacosane (C28)	17.189	2579852	18.540 ug/ml
17) T n-Tricontane (C30)	18.078	2520191	18.095 ug/ml
18) T n-Dotriacontane (C32)	18.910	2340348	17.943 ug/ml
19) T n-Tetratriacontane (C34)	19.695	1958623	18.017 ug/ml
20) T n-Hexatriacontane (C36)	20.435	1612090	18.329 ug/ml
21) T n-Octatriacontane (C38)	21.173	1528045	18.542 ug/ml
22) T n-Tetracontane (C40)	22.088	1504347	18.961 ug/ml

(f)=RT Delta > 1/2 Window

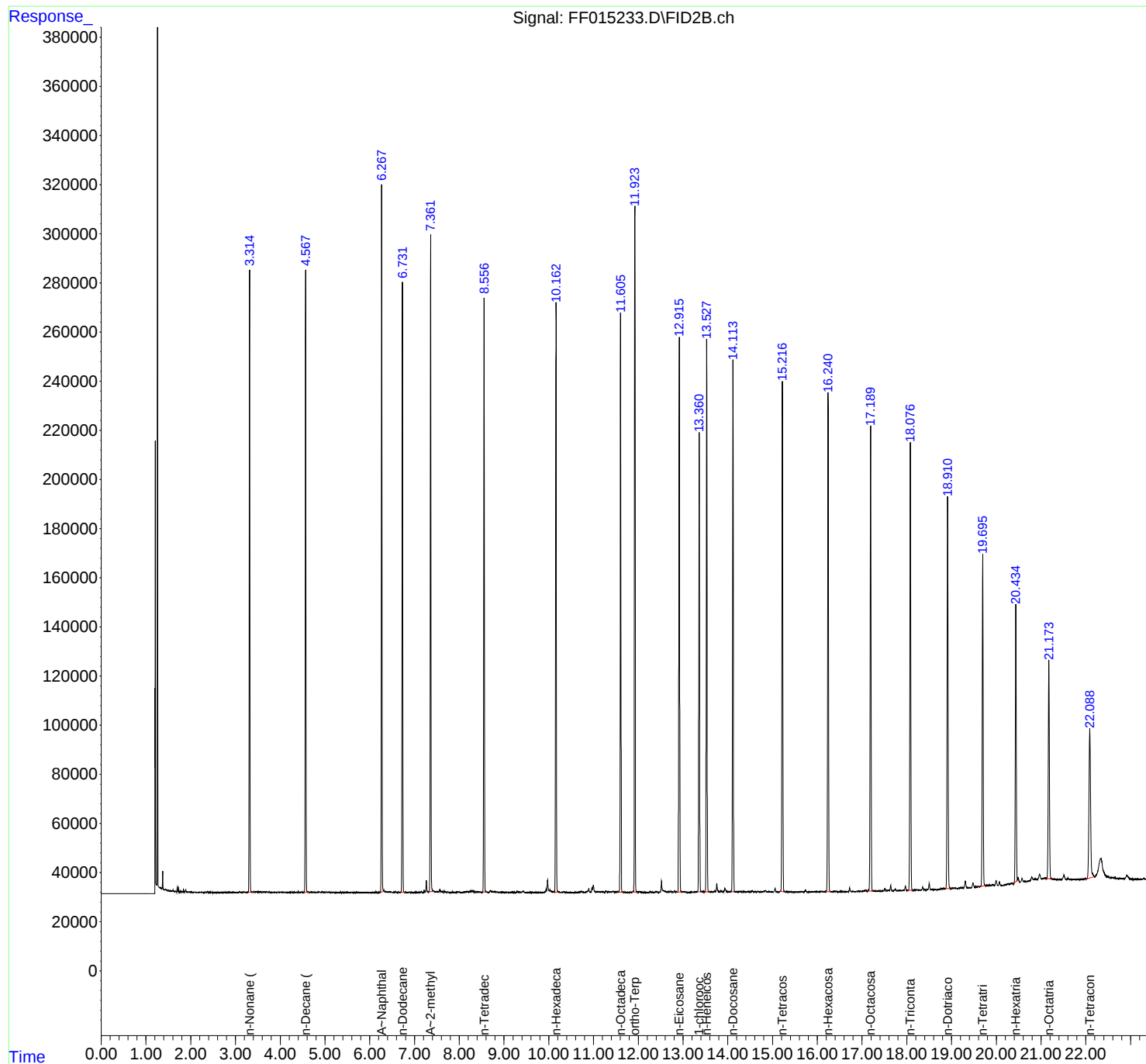
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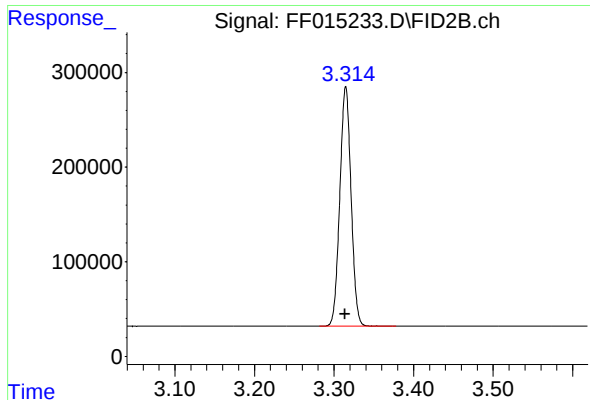
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AL\
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#1 n-Nonane (C9)

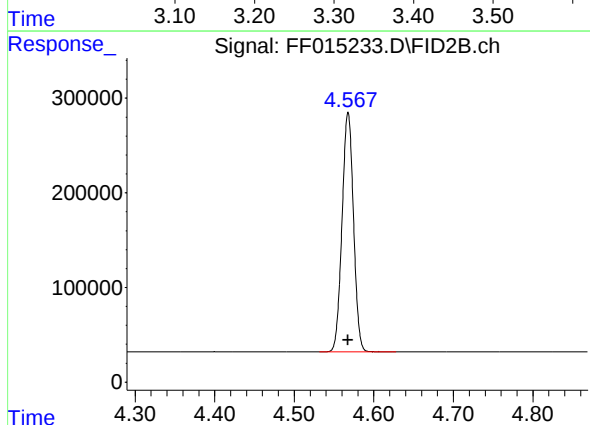
R.T.: 3.315 min
Delta R.T.: 0.000 min
Response: 2484205
Conc: 18.92 ug/ml

Instrument :

FID_F

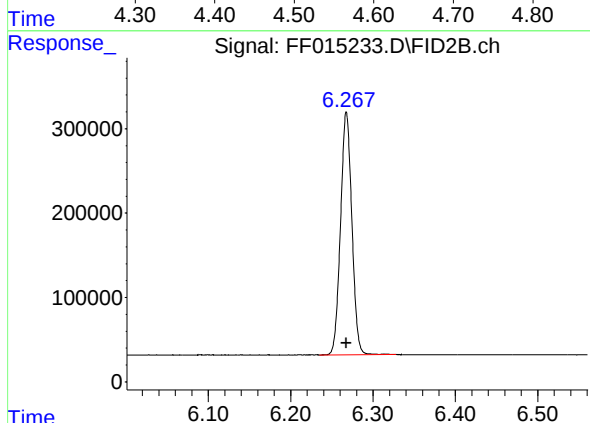
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



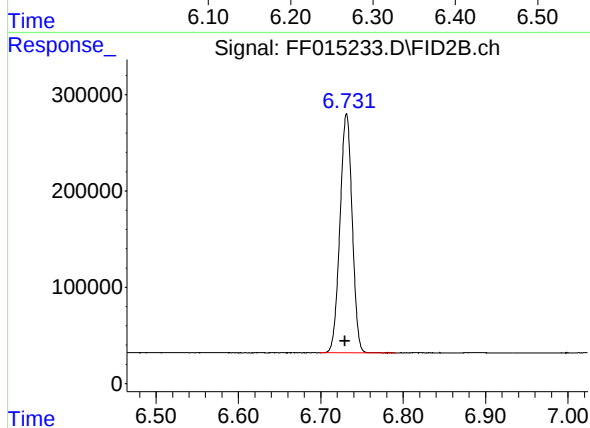
#2 n-Decane (C10)

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 2531758
Conc: 18.93 ug/ml



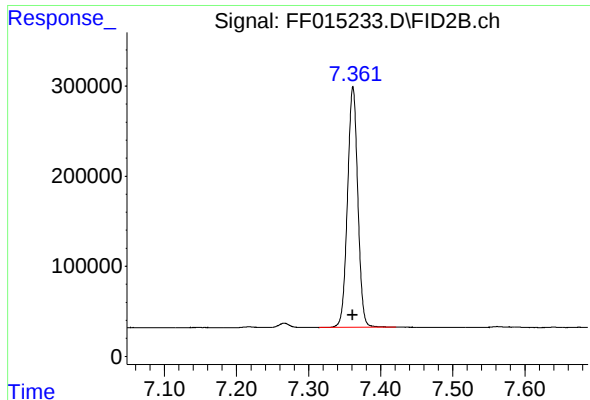
#3 A~Naphthalene (C11.7)

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 2744339
Conc: 18.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.731 min
Delta R.T.: 0.002 min
Response: 2550039
Conc: 18.91 ug/ml



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

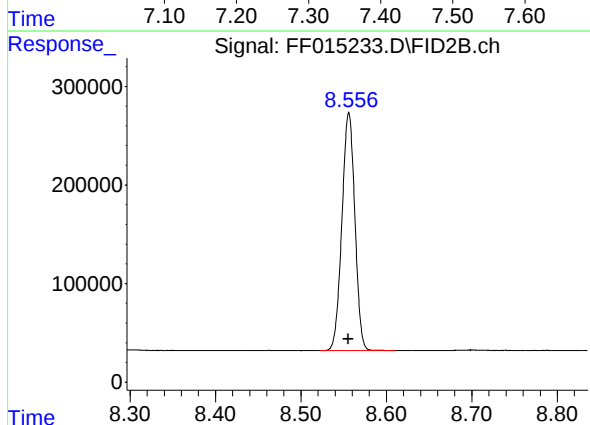
R.T.: 7.362 min
Delta R.T.: 0.000 min
Response: 2657646
Conc: 18.89 ug/ml

Instrument :

FID_F

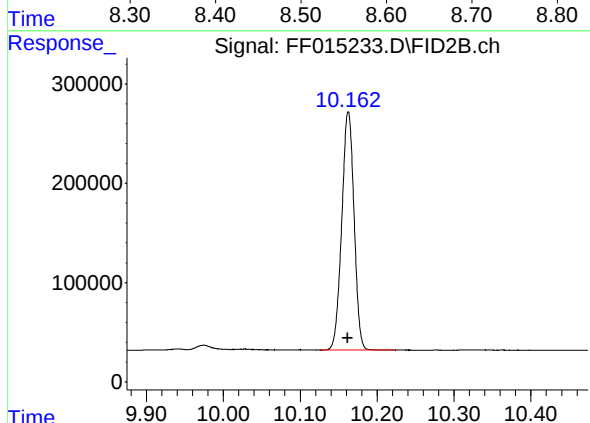
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



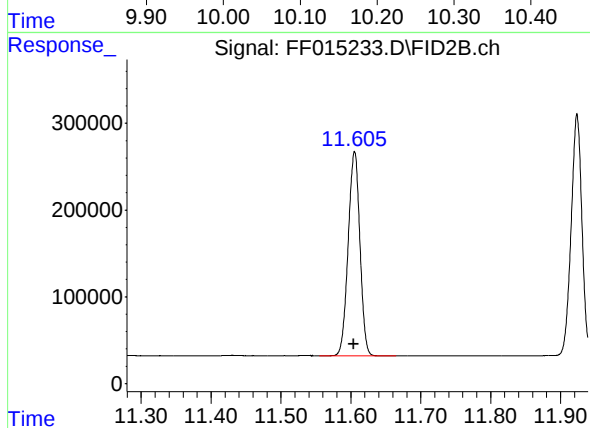
#6 n-Tetradecane (C14)

R.T.: 8.556 min
Delta R.T.: 0.000 min
Response: 2542085
Conc: 18.81 ug/ml



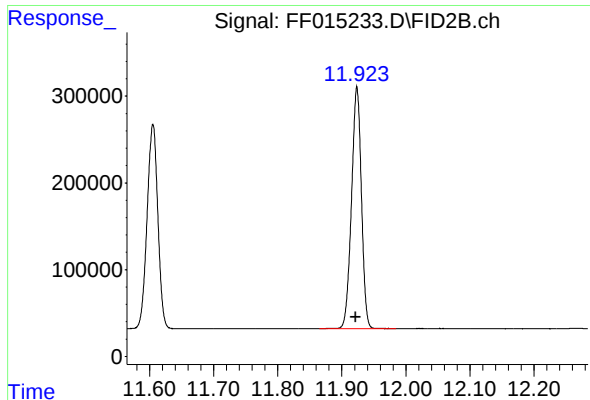
#7 n-Hexadecane (C16)

R.T.: 10.163 min
Delta R.T.: 0.001 min
Response: 2661749
Conc: 18.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.605 min
Delta R.T.: 0.001 min
Response: 2746456
Conc: 18.75 ug/ml



#9 ortho-Terphenyl (SURR)

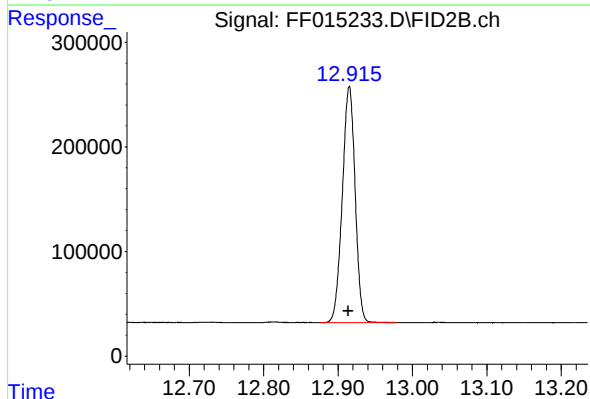
R.T.: 11.924 min
Delta R.T.: 0.002 min
Response: 2985481
Conc: 18.78 ug/ml

Instrument :

FID_F

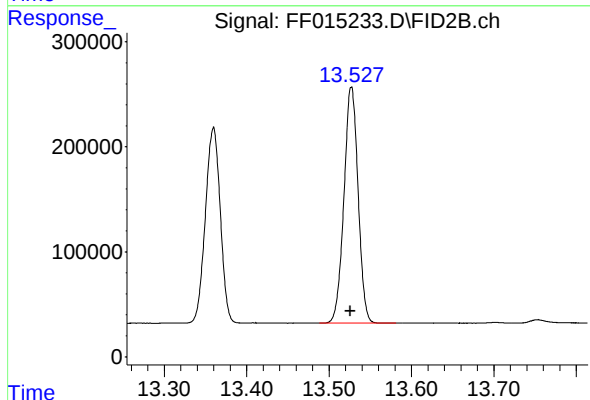
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



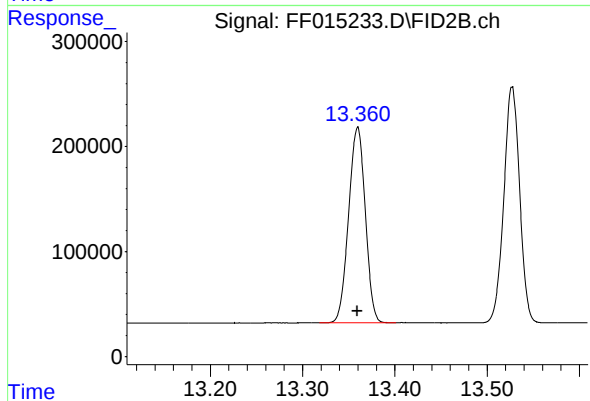
#10 n-Eicosane (C20)

R.T.: 12.915 min
Delta R.T.: 0.001 min
Response: 2700787
Conc: 18.73 ug/ml



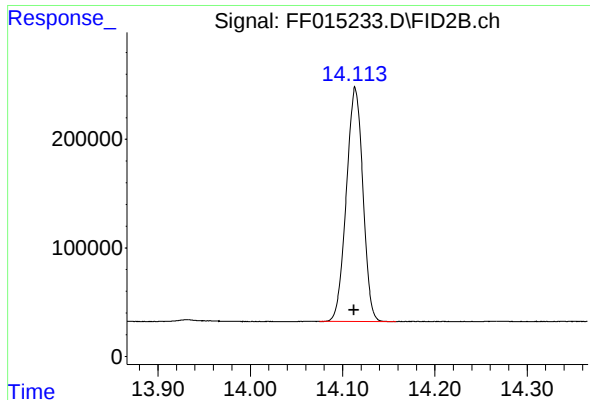
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: 0.001 min
Response: 2678057
Conc: 18.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.360 min
Delta R.T.: 0.000 min
Response: 2338280
Conc: 18.76 ug/ml



#13 n-Docosane (C22)

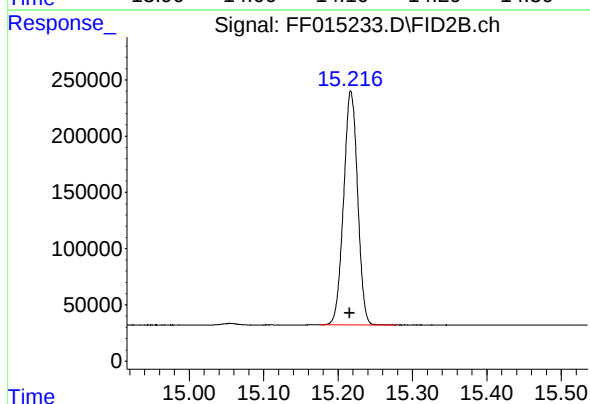
R.T.: 14.114 min
Delta R.T.: 0.001 min
Response: 2688138
Conc: 18.75 ug/ml

Instrument :

FID_F

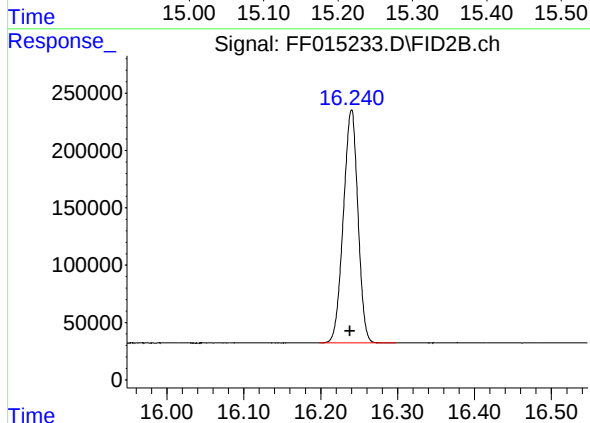
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



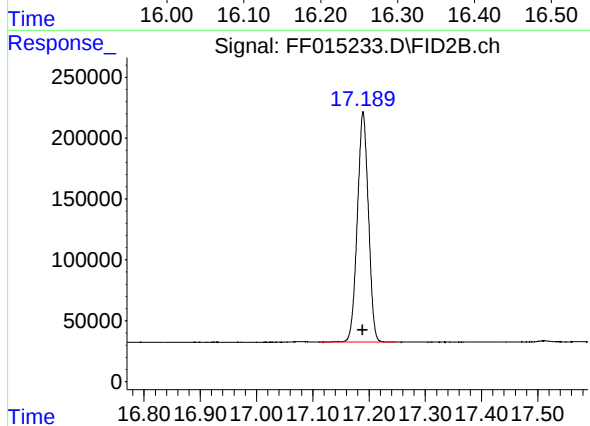
#14 n-Tetracosane (C24)

R.T.: 15.217 min
Delta R.T.: 0.002 min
Response: 2716938
Conc: 18.73 ug/ml



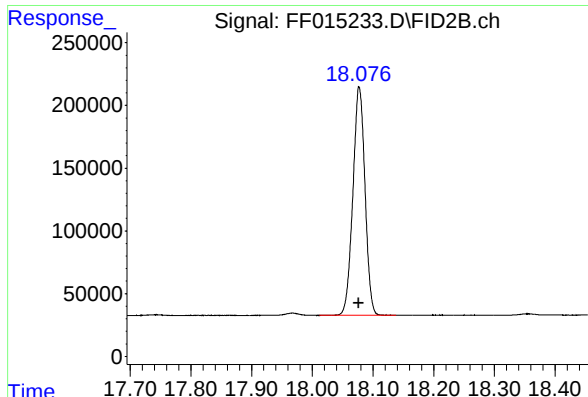
#15 n-Hexacosane (C26)

R.T.: 16.240 min
Delta R.T.: 0.002 min
Response: 2669405
Conc: 18.78 ug/ml



#16 n-Octacosane (C28)

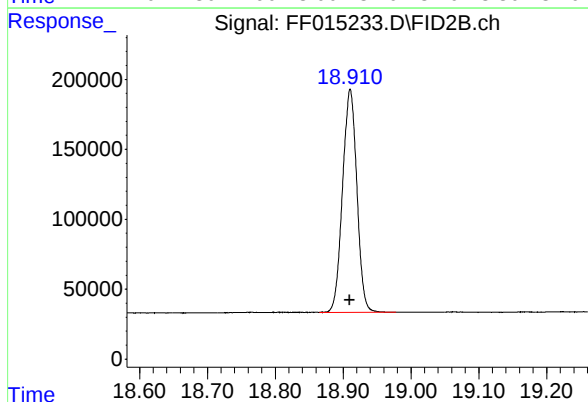
R.T.: 17.189 min
Delta R.T.: 0.000 min
Response: 2579852
Conc: 18.54 ug/ml



#17 n-Tricontane (C30)

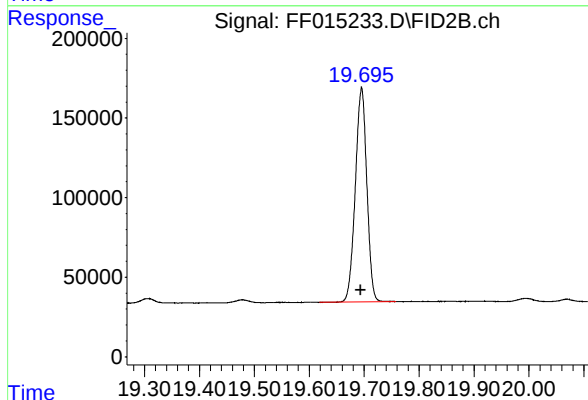
R.T.: 18.078 min
Delta R.T.: 0.000 min
Response: 2520191
Conc: 18.10 ug/ml

Instrument :
FID_F
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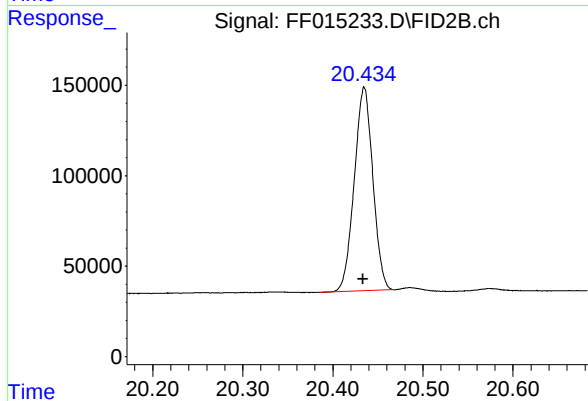
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: 0.001 min
Response: 2340348
Conc: 17.94 ug/ml



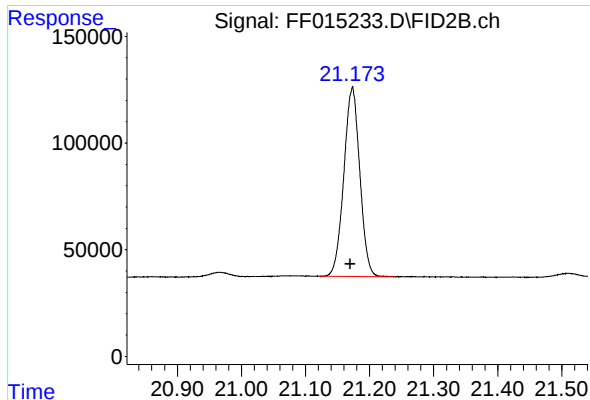
#19 n-Tetatriacontane (C34)

R.T.: 19.695 min
Delta R.T.: 0.001 min
Response: 1958623
Conc: 18.02 ug/ml



#20 n-Hexatriacontane (C36)

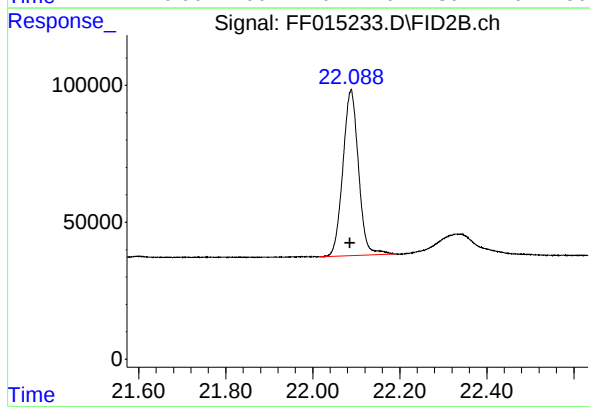
R.T.: 20.435 min
Delta R.T.: 0.001 min
Response: 1612090
Conc: 18.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.173 min
Delta R.T.: 0.003 min
Response: 1528045
Conc: 18.54 ug/ml

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20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.088 min
Delta R.T.: 0.002 min
Response: 1504347
Conc: 18.96 ug/ml