

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012925AL\
 Data File : FF015362.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jan 2025 14:04
 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: Jan 30 02:20:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:45:29 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)	11.927	3017801	19.302 ug/ml
Spiked Amount 50.000		Recovery =	38.60%
12) S 1-chlorooctadecane (S...	13.365	2303076	18.915 ug/ml
Spiked Amount 50.000		Recovery =	37.83%
Target Compounds			
1) T n-Nonane (C9)	3.314	2583203	19.896 ug/ml
2) T n-Decane (C10)	4.567	2646745	19.917 ug/ml
3) T A~Naphthalene (C11.7)	6.268	2822914	19.330 ug/ml
4) T n-Dodecane (C12)	6.731	2702610	19.881 ug/ml
5) T A~2-methylnaphthalene...	7.363	2711238	18.992 ug/ml
6) T n-Tetradecane (C14)	8.559	2691575	19.572 ug/ml
7) T n-Hexadecane (C16)	10.166	2791495	19.266 ug/ml
8) T n-Octadecane (C18)	11.610	2848008	19.162 ug/ml
10) T n-Eicosane (C20)	12.920	2746703	19.136 ug/ml
11) T n-Heneicosane (C21)	13.532	2690921	19.031 ug/ml
13) T n-Docosane (C22)	14.120	2667282	18.971 ug/ml
14) T n-Tetracosane (C24)	15.225	2599599	18.677 ug/ml
15) T n-Hexacosane (C26)	16.248	2500051	18.458 ug/ml
16) T n-Octacosane (C28)	17.199	2450538	18.622 ug/ml
17) T n-Tricontane (C30)	18.089	2546100	19.193 ug/ml
18) T n-Dotriacontane (C32)	18.922	2475111	19.625 ug/ml
19) T n-Tetratriacontane (C34)	19.707	2122762	19.496 ug/ml
20) T n-Hexatriacontane (C36)	20.449	1792730	19.202 ug/ml
21) T n-Octatriacontane (C38)	21.189	1684584	19.197 ug/ml
22) T n-Tetracontane (C40)	22.107	1618348	19.093 ug/ml

(f)=RT Delta > 1/2 Window

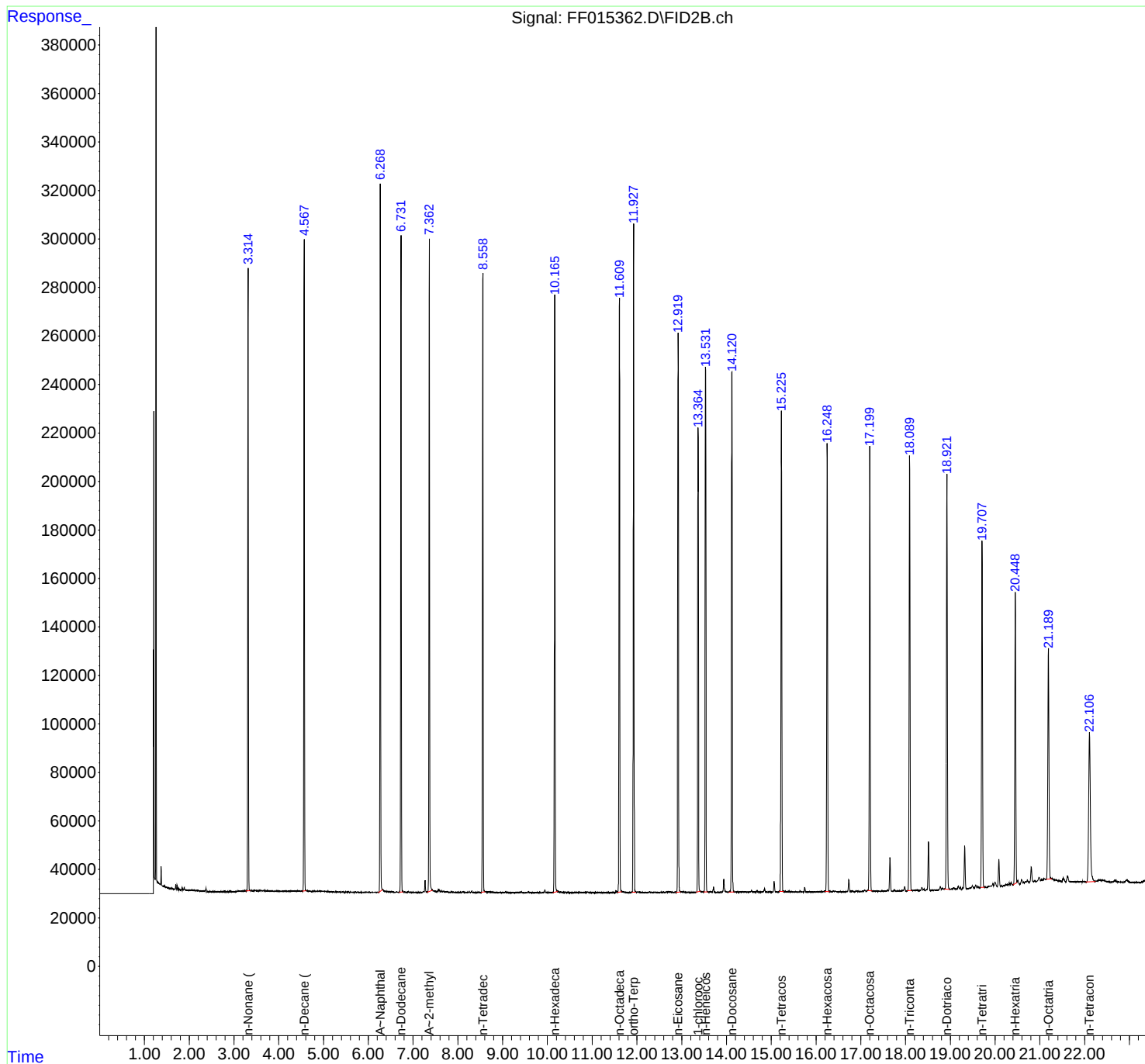
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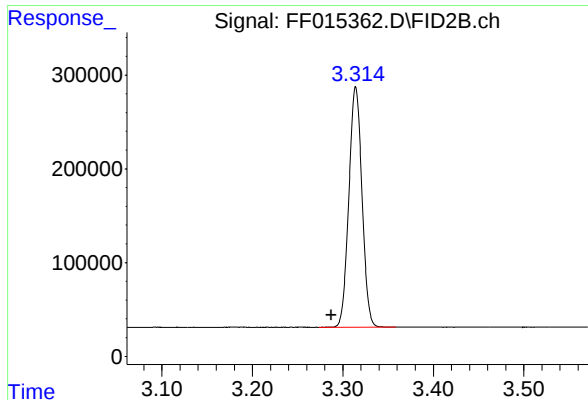
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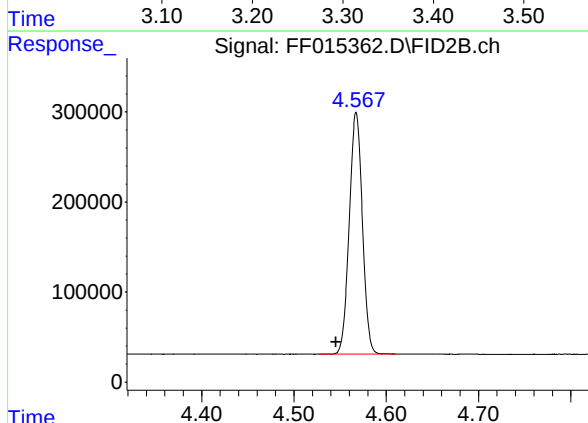




#1 n-Nonane (C9)

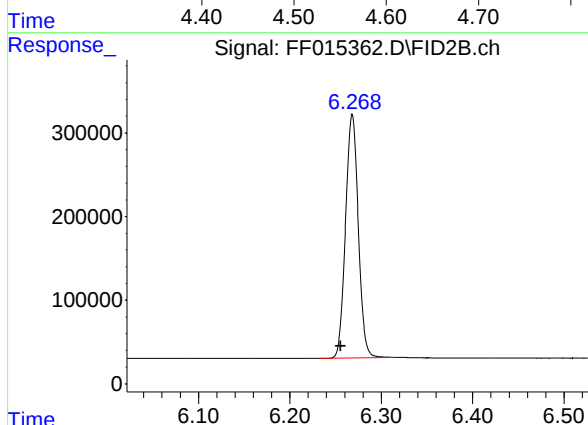
R.T.: 3.314 min
Delta R.T.: 0.027 min
Response: 2583203
Conc: 19.90 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



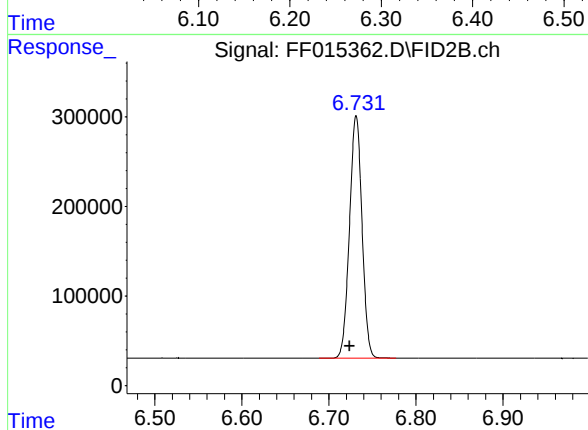
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: 0.022 min
Response: 2646745
Conc: 19.92 ug/ml



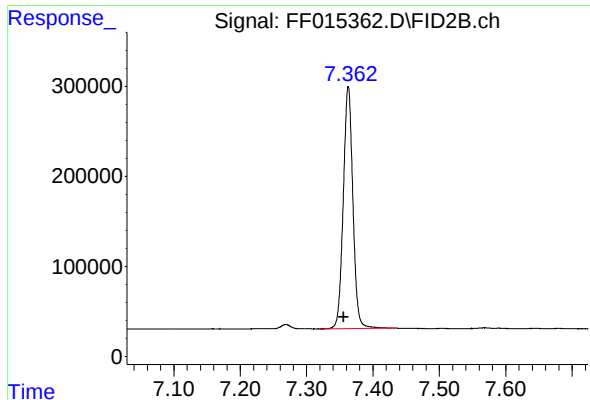
#3 A~Naphthalene (C11.7)

R.T.: 6.268 min
Delta R.T.: 0.013 min
Response: 2822914
Conc: 19.33 ug/ml



#4 n-Dodecane (C12)

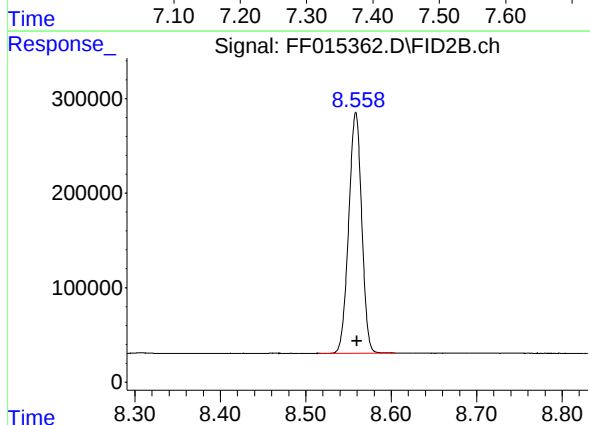
R.T.: 6.731 min
Delta R.T.: 0.008 min
Response: 2702610
Conc: 19.88 ug/ml



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

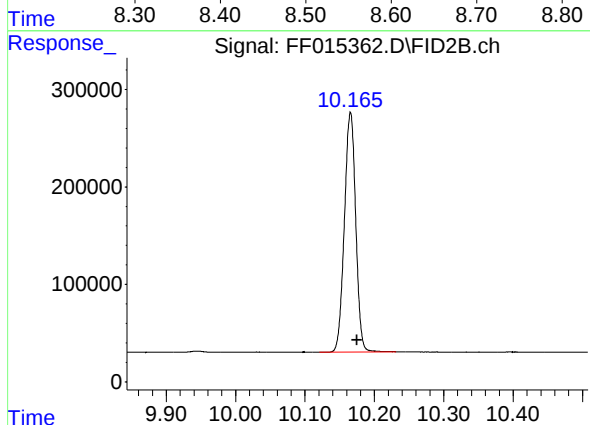
R.T.: 7.363 min
Delta R.T.: 0.007 min
Response: 2711238
Conc: 18.99 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



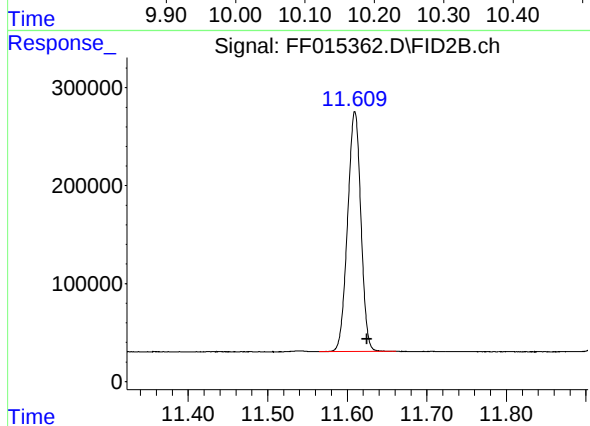
#6 n-Tetradecane (C14)

R.T.: 8.559 min
Delta R.T.: -0.001 min
Response: 2691575
Conc: 19.57 ug/ml



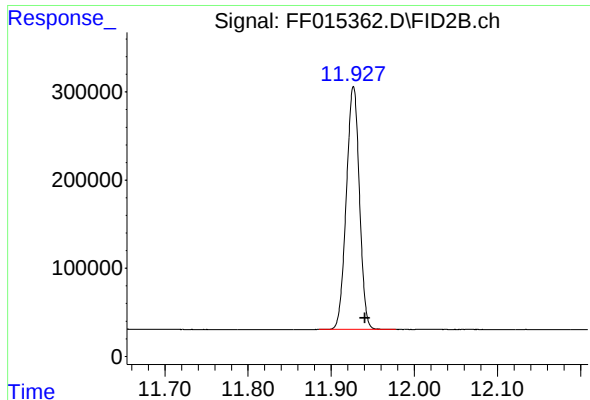
#7 n-Hexadecane (C16)

R.T.: 10.166 min
Delta R.T.: -0.009 min
Response: 2791495
Conc: 19.27 ug/ml



#8 n-Octadecane (C18)

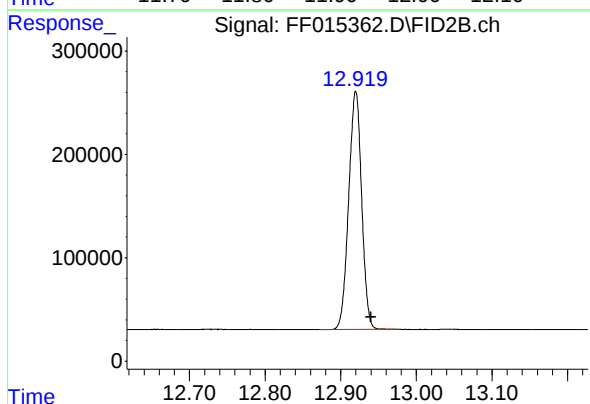
R.T.: 11.610 min
Delta R.T.: -0.015 min
Response: 2848008
Conc: 19.16 ug/ml



#9 ortho-Terphenyl (SURR)

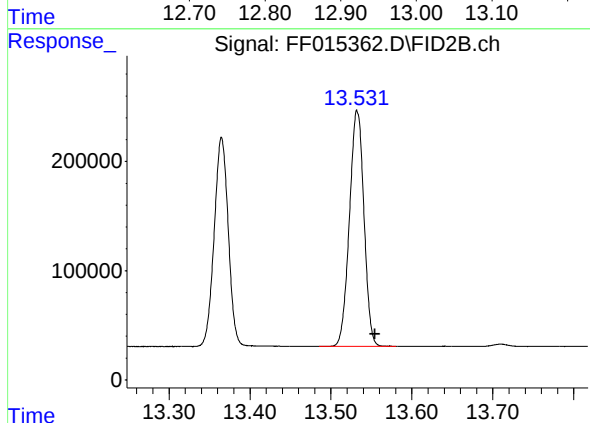
R.T.: 11.927 min
Delta R.T.: -0.013 min
Response: 3017801
Conc: 19.30 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



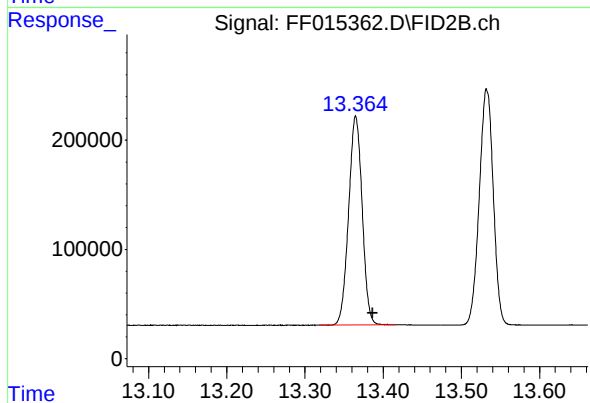
#10 n-Eicosane (C20)

R.T.: 12.920 min
Delta R.T.: -0.020 min
Response: 2746703
Conc: 19.14 ug/ml



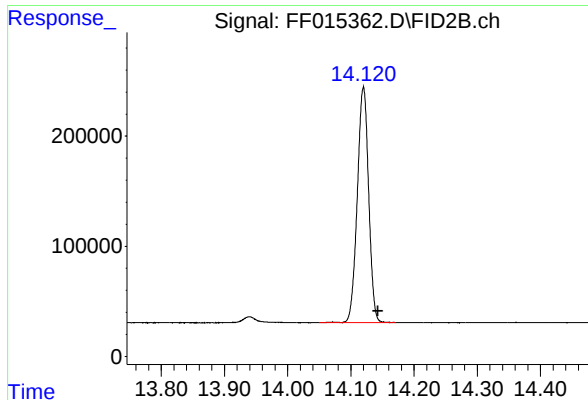
#11 n-Heneicosane (C21)

R.T.: 13.532 min
Delta R.T.: -0.022 min
Response: 2690921
Conc: 19.03 ug/ml



#12 1-chlorooctadecane (SURR)

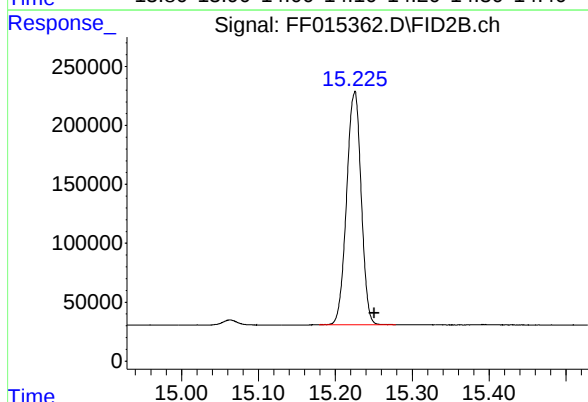
R.T.: 13.365 min
Delta R.T.: -0.022 min
Response: 2303076
Conc: 18.91 ug/ml



#13 n-Docosane (C22)

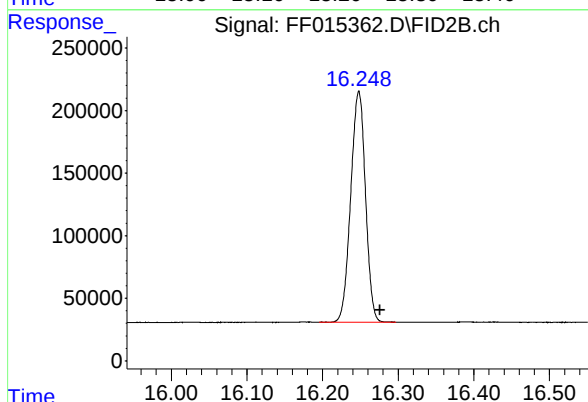
R.T.: 14.120 min
Delta R.T.: -0.023 min
Response: 2667282
Conc: 18.97 ug/ml

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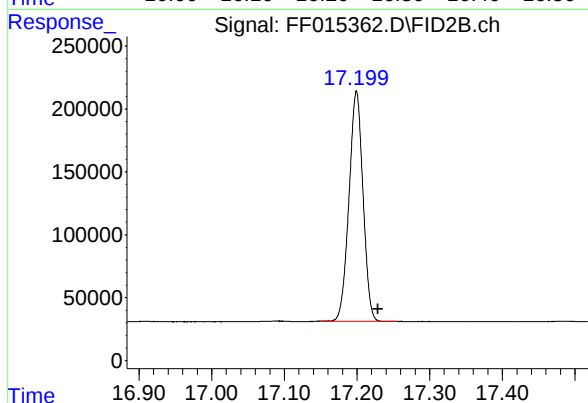
#14 n-Tetracosane (C24)

R.T.: 15.225 min
Delta R.T.: -0.025 min
Response: 2599599
Conc: 18.68 ug/ml



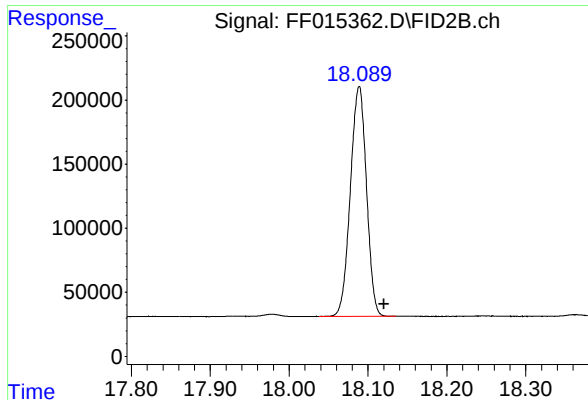
#15 n-Hexacosane (C26)

R.T.: 16.248 min
Delta R.T.: -0.028 min
Response: 2500051
Conc: 18.46 ug/ml



#16 n-Octacosane (C28)

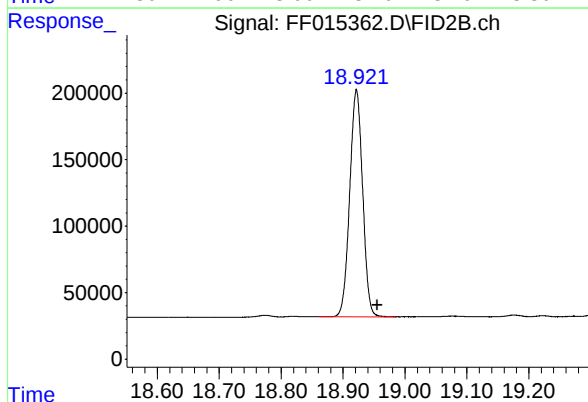
R.T.: 17.199 min
Delta R.T.: -0.029 min
Response: 2450538
Conc: 18.62 ug/ml



#17 n-Tricontane (C30)

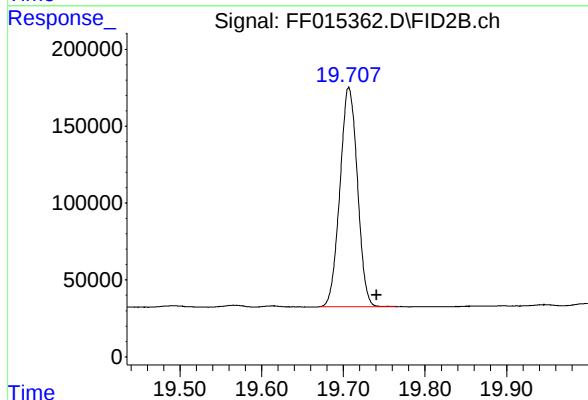
R.T.: 18.089 min
Delta R.T.: -0.031 min
Response: 2546100
Conc: 19.19 ug/ml

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20 PPM ALIPHATIC HC STD



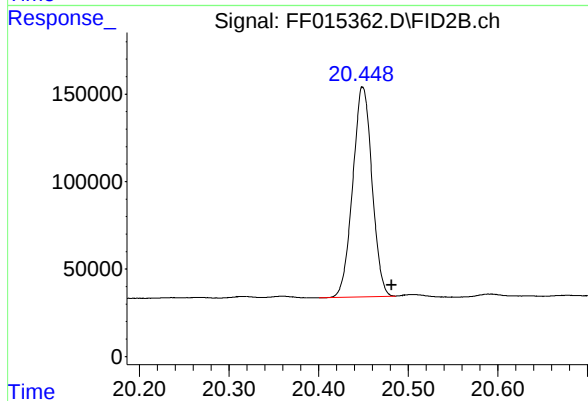
#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: -0.033 min
Response: 2475111
Conc: 19.62 ug/ml



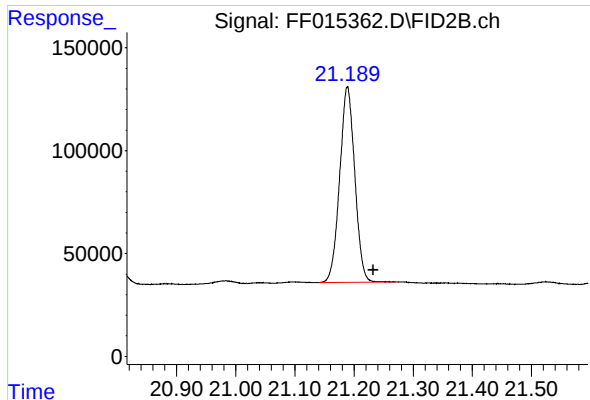
#19 n-Tetratriacontane (C34)

R.T.: 19.707 min
Delta R.T.: -0.034 min
Response: 2122762
Conc: 19.50 ug/ml



#20 n-Hexatriacontane (C36)

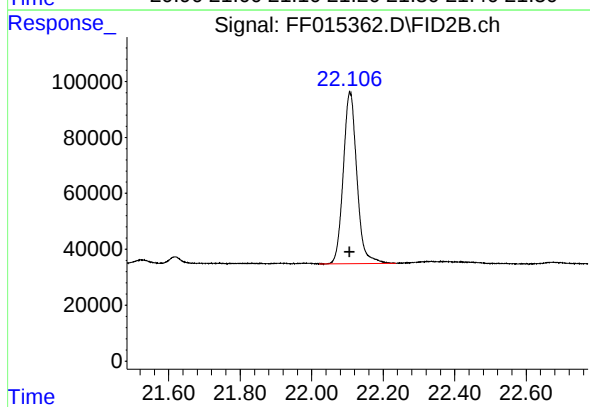
R.T.: 20.449 min
Delta R.T.: -0.032 min
Response: 1792730
Conc: 19.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.189 min
Delta R.T.: -0.044 min
Response: 1684584
Conc: 19.20 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.107 min
Delta R.T.: 0.000 min
Response: 1618348
Conc: 19.09 ug/ml