

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF030525AL\
 Data File : FF015591.D
 Signal(s) : FID2B.ch
 Acq On : 05 Mar 2025 09:52
 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 05 11:05:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 022525.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 25 16:05:42 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	3049646	19.509 ug/ml
Spiked Amount 50.000		Recovery =	39.02%
12) S 1-chlorooctadecane (S...	13.364	2328726	19.680 ug/ml
Spiked Amount 50.000		Recovery =	39.36%
Target Compounds			
1) T n-Nonane (C9)	3.296	2489935	19.972 ug/ml
2) T n-Decane (C10)	4.553	2537109	20.233 ug/ml
3) T A~Naphthalene (C11.7)	6.262	2692083	21.006 ug/ml
4) T n-Dodecane (C12)	6.722	2577270	20.264 ug/ml
5) T A~2-methylnaphthalene...	7.359	2579164	21.888 ug/ml
6) T n-Tetradecane (C14)	8.551	2580300	20.542 ug/ml
7) T n-Hexadecane (C16)	10.160	2684396	20.557 ug/ml
8) T n-Octadecane (C18)	11.606	2767740	20.141 ug/ml
10) T n-Eicosane (C20)	12.918	2708453	19.578 ug/ml
11) T n-Heneicosane (C21)	13.531	2681044	19.298 ug/ml
13) T n-Docosane (C22)	14.119	2663165	19.255 ug/ml
14) T n-Tetracosane (C24)	15.223	2683760	18.933 ug/ml
15) T n-Hexacosane (C26)	16.246	2617698	18.427 ug/ml
16) T n-Octacosane (C28)	17.198	2558016	18.069 ug/ml
17) T n-Tricontane (C30)	18.087	2542193	17.409 ug/ml
18) T n-Dotriacontane (C32)	18.920	2418308	16.888 ug/ml
19) T n-Tetratriacontane (C34)	19.705	2134233	16.879 ug/ml
20) T n-Hexatriacontane (C36)	20.444	1732936	16.314 ug/ml
21) T n-Octatriacontane (C38)	21.182	1503313	16.642 ug/ml
22) T n-Tetracontane (C40)	22.096	1307651	16.864 ug/ml

(f)=RT Delta > 1/2 Window

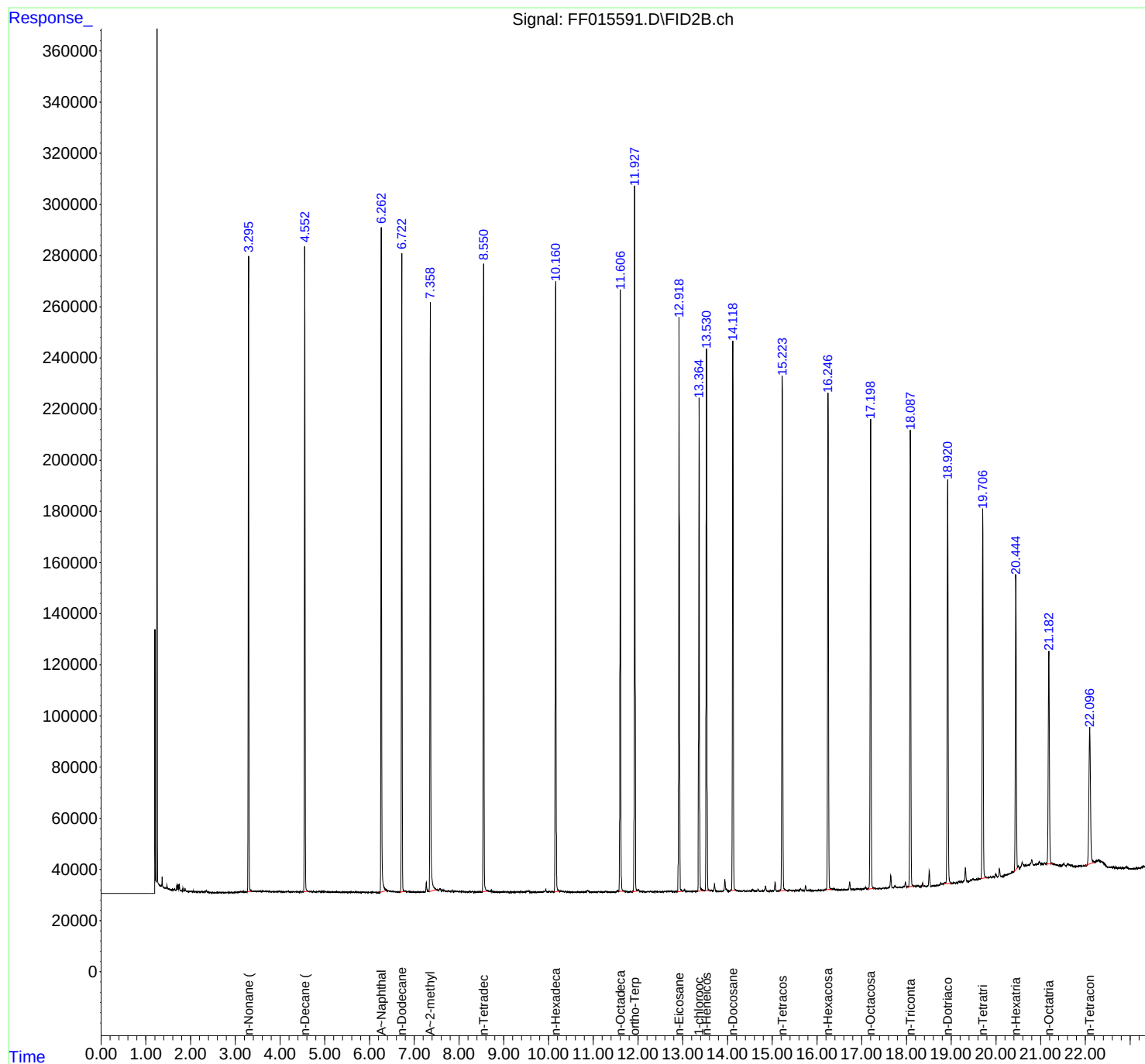
(m)=manual int.

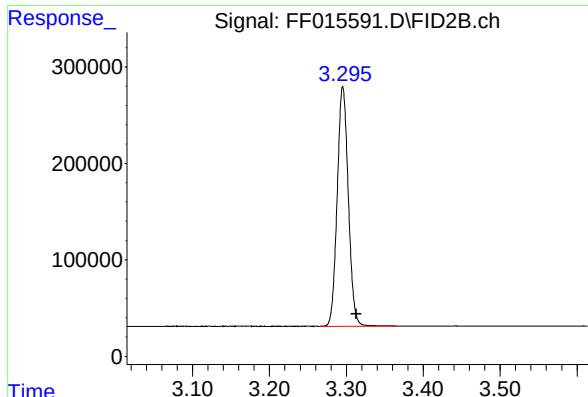
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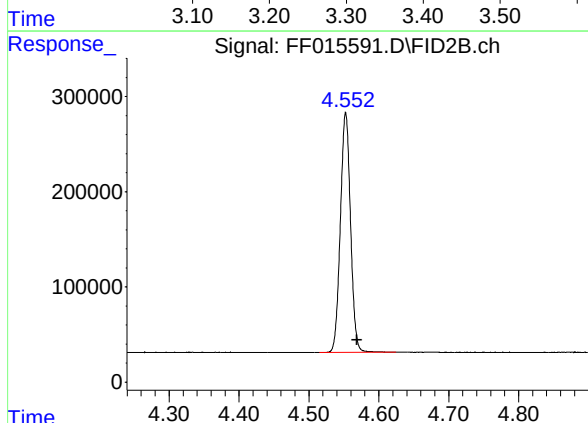




#1 n-Nonane (C9)

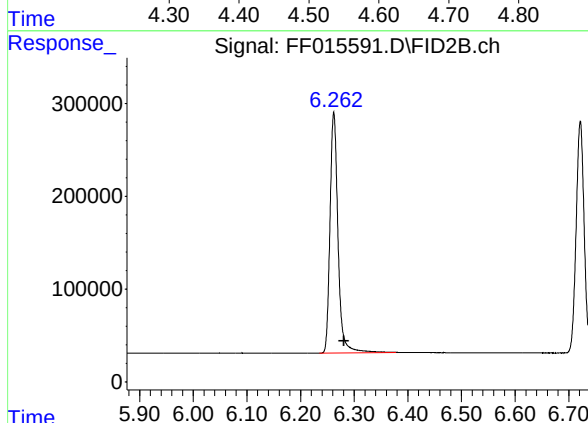
R.T.: 3.296 min
Delta R.T.: -0.017 min
Response: 2489935
Conc: 19.97 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



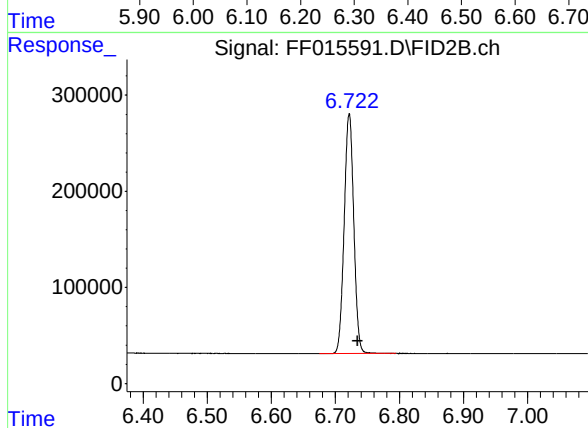
#2 n-Decane (C10)

R.T.: 4.553 min
Delta R.T.: -0.016 min
Response: 2537109
Conc: 20.23 ug/ml



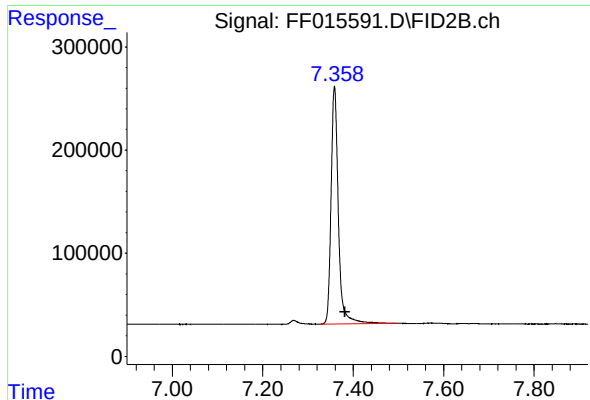
#3 A~Naphthalene (C11.7)

R.T.: 6.262 min
Delta R.T.: -0.019 min
Response: 2692083
Conc: 21.01 ug/ml



#4 n-Dodecane (C12)

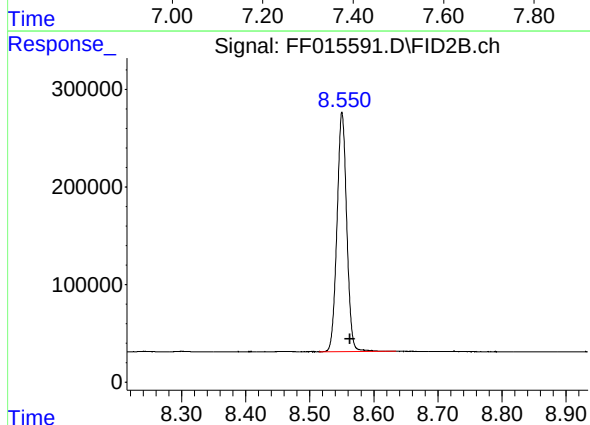
R.T.: 6.722 min
Delta R.T.: -0.013 min
Response: 2577270
Conc: 20.26 ug/ml



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

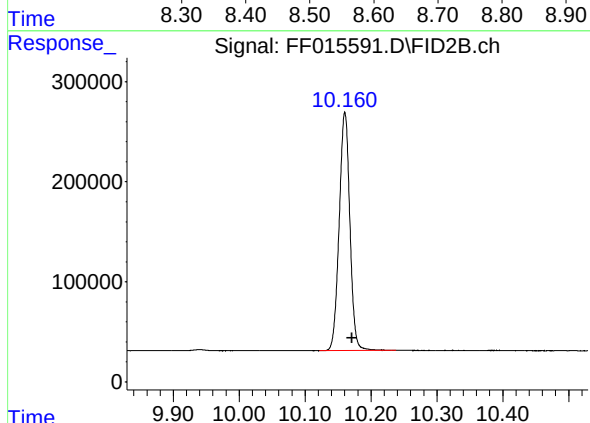
R.T.: 7.359 min
Delta R.T.: -0.023 min
Response: 2579164
Conc: 21.89 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



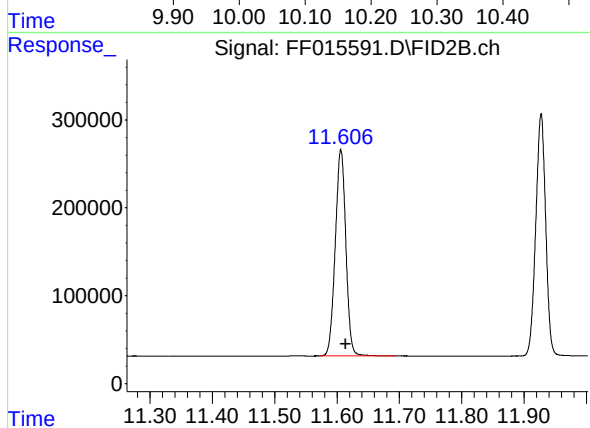
#6 n-Tetradecane (C14)

R.T.: 8.551 min
Delta R.T.: -0.012 min
Response: 2580300
Conc: 20.54 ug/ml



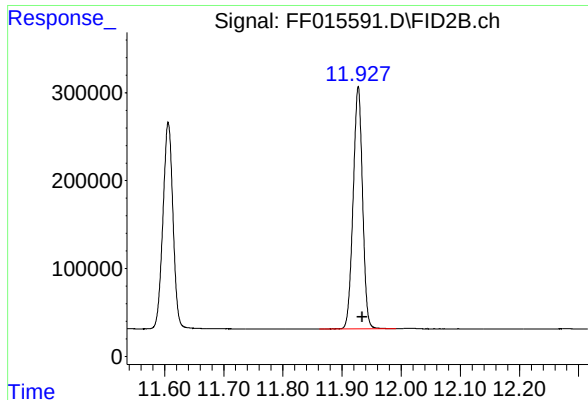
#7 n-Hexadecane (C16)

R.T.: 10.160 min
Delta R.T.: -0.011 min
Response: 2684396
Conc: 20.56 ug/ml



#8 n-Octadecane (C18)

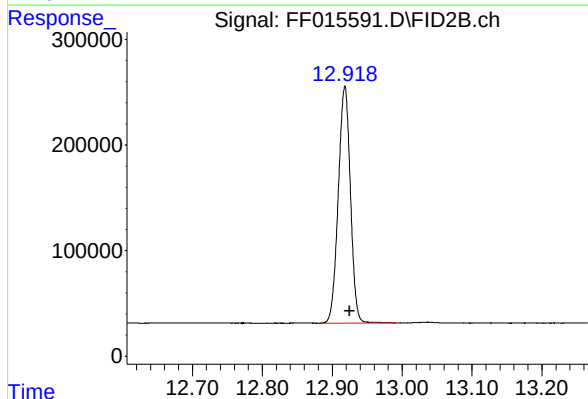
R.T.: 11.606 min
Delta R.T.: -0.007 min
Response: 2767740
Conc: 20.14 ug/ml



#9 ortho-Terphenyl (SURR)

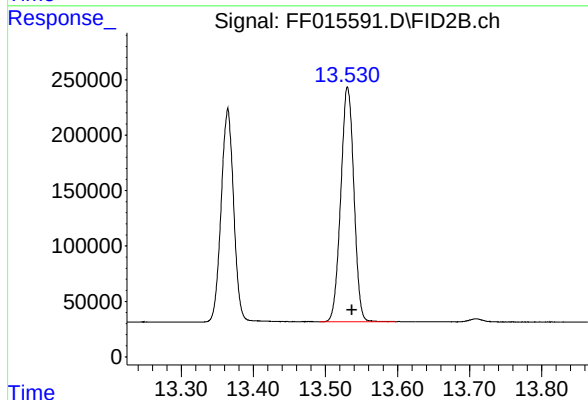
R.T.: 11.927 min
Delta R.T.: -0.007 min
Response: 3049646
Conc: 19.51 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



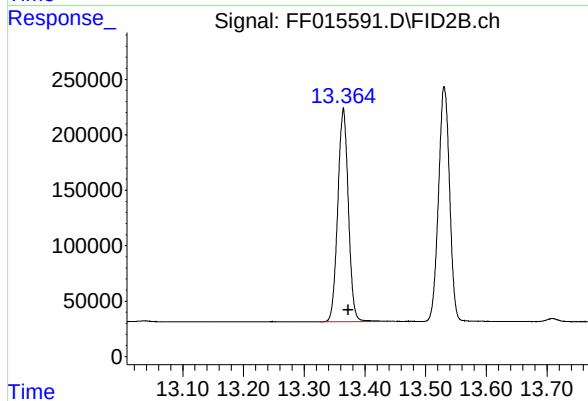
#10 n-Eicosane (C20)

R.T.: 12.918 min
Delta R.T.: -0.007 min
Response: 2708453
Conc: 19.58 ug/ml



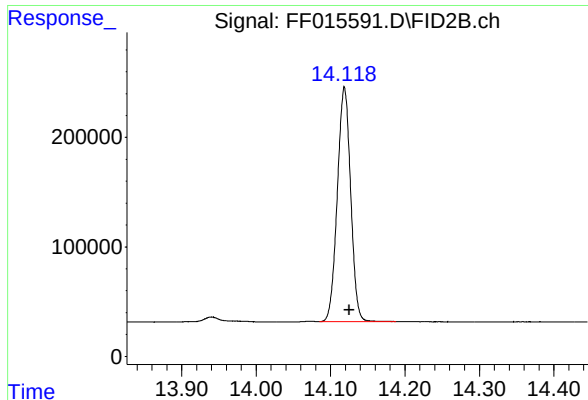
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: -0.006 min
Response: 2681044
Conc: 19.30 ug/ml



#12 1-chlorooctadecane (SURR)

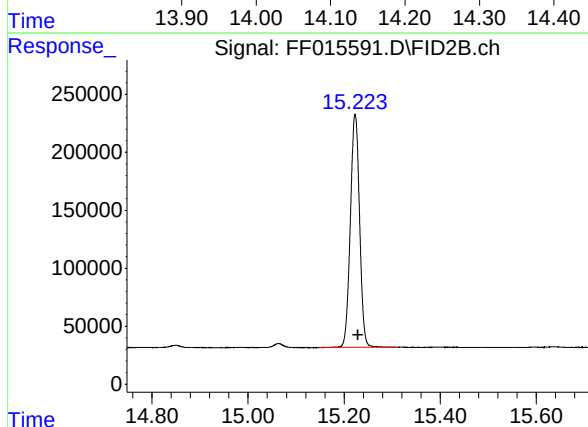
R.T.: 13.364 min
Delta R.T.: -0.008 min
Response: 2328726
Conc: 19.68 ug/ml



#13 n-Docosane (C22)

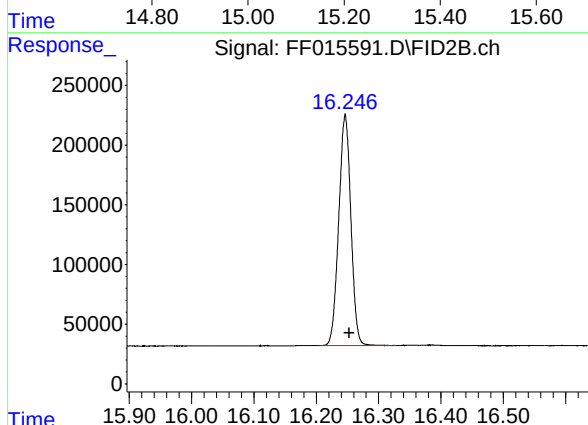
R.T.: 14.119 min
Delta R.T.: -0.007 min
Response: 2663165
Conc: 19.26 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



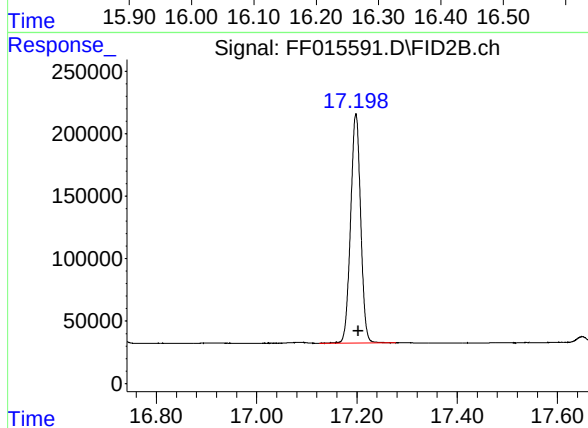
#14 n-Tetracosane (C24)

R.T.: 15.223 min
Delta R.T.: -0.006 min
Response: 2683760
Conc: 18.93 ug/ml



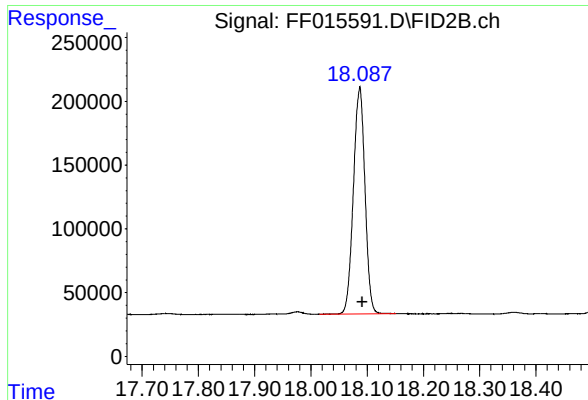
#15 n-Hexacosane (C26)

R.T.: 16.246 min
Delta R.T.: -0.007 min
Response: 2617698
Conc: 18.43 ug/ml



#16 n-Octacosane (C28)

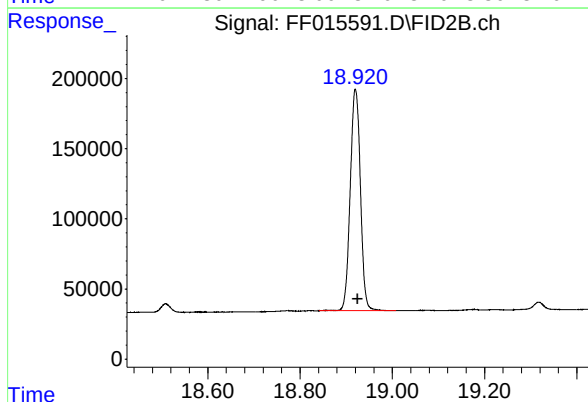
R.T.: 17.198 min
Delta R.T.: -0.005 min
Response: 2558016
Conc: 18.07 ug/ml



#17 n-Tricontane (C30)

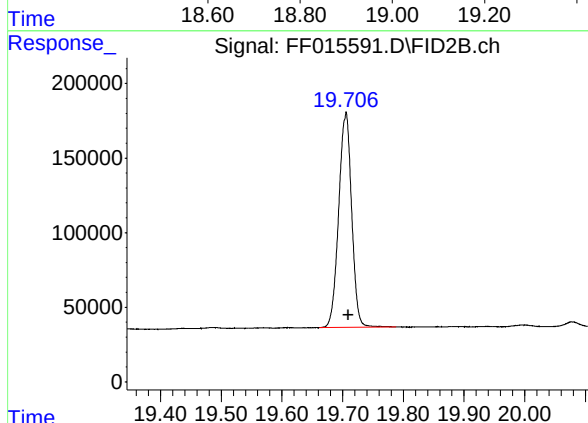
R.T.: 18.087 min
Delta R.T.: -0.005 min
Response: 2542193
Conc: 17.41 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



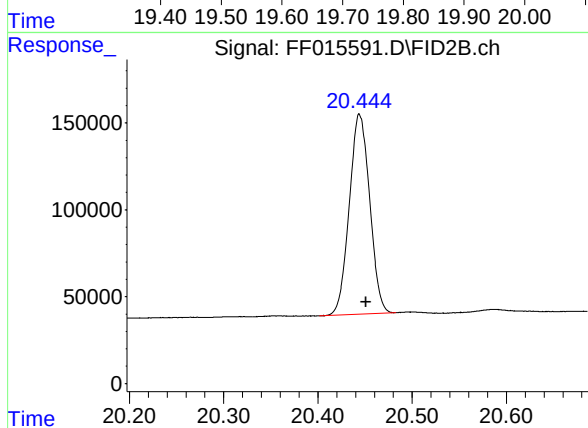
#18 n-Dotriacontane (C32)

R.T.: 18.920 min
Delta R.T.: -0.004 min
Response: 2418308
Conc: 16.89 ug/ml



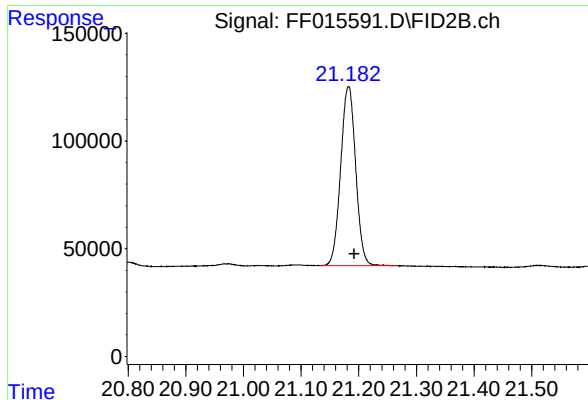
#19 n-Tetatriacontane (C34)

R.T.: 19.705 min
Delta R.T.: -0.004 min
Response: 2134233
Conc: 16.88 ug/ml



#20 n-Hexatriacontane (C36)

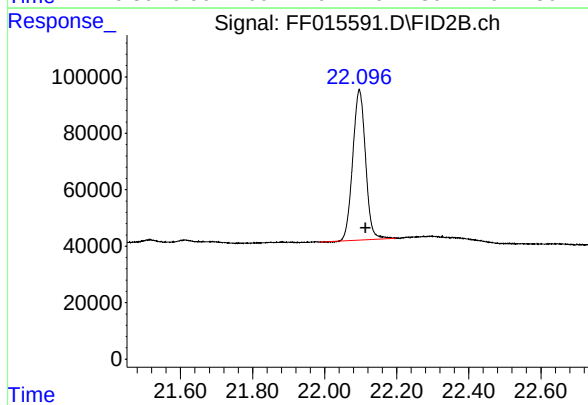
R.T.: 20.444 min
Delta R.T.: -0.007 min
Response: 1732936
Conc: 16.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.182 min
Delta R.T.: -0.010 min
Response: 1503313
Conc: 16.64 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.096 min
Delta R.T.: -0.018 min
Response: 1307651
Conc: 16.86 ug/ml