

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032025AL\
 Data File : FF015695.D
 Signal(s) : FID2B.ch
 Acq On : 20 Mar 2025 11:24
 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 20 14:14:14 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	3200373	21.006 ug/ml
Spiked Amount 50.000		Recovery =	42.01%
12) S 1-chlorooctadecane (S...	13.370	2381043	20.980 ug/ml
Spiked Amount 50.000		Recovery =	41.96%
Target Compounds			
1) T n-Nonane (C9)	3.310	2712254	21.413 ug/ml
2) T n-Decane (C10)	4.566	2762325	21.511 ug/ml
3) T A~Naphthalene (C11.7)	6.278	2816535	21.701 ug/ml
4) T n-Dodecane (C12)	6.733	2808878	21.554 ug/ml
5) T A~2-methylnaphthalene...	7.376	2617622	22.089 ug/ml
6) T n-Tetradecane (C14)	8.561	2787954	21.528 ug/ml
7) T n-Hexadecane (C16)	10.168	2887405	21.592 ug/ml
8) T n-Octadecane (C18)	11.612	2968715	21.559 ug/ml
10) T n-Eicosane (C20)	12.923	2893762	21.471 ug/ml
11) T n-Heneicosane (C21)	13.535	2863630	21.427 ug/ml
13) T n-Docosane (C22)	14.122	2830069	21.149 ug/ml
14) T n-Tetracosane (C24)	15.226	2795888	20.885 ug/ml
15) T n-Hexacosane (C26)	16.249	2710122	20.721 ug/ml
16) T n-Octacosane (C28)	17.199	2628314	20.120 ug/ml
17) T n-Tricontane (C30)	18.088	2610142	19.356 ug/ml
18) T n-Dotriacontane (C32)	18.921	2476120	18.988 ug/ml
19) T n-Tetratriacontane (C34)	19.706	2165124	18.548 ug/ml
20) T n-Hexatriacontane (C36)	20.447	1892968	19.069 ug/ml
21) T n-Octatriacontane (C38)	21.184	1725440	19.748 ug/ml
22) T n-Tetracontane (C40)	22.099	1494030	18.616 ug/ml

(f)=RT Delta > 1/2 Window

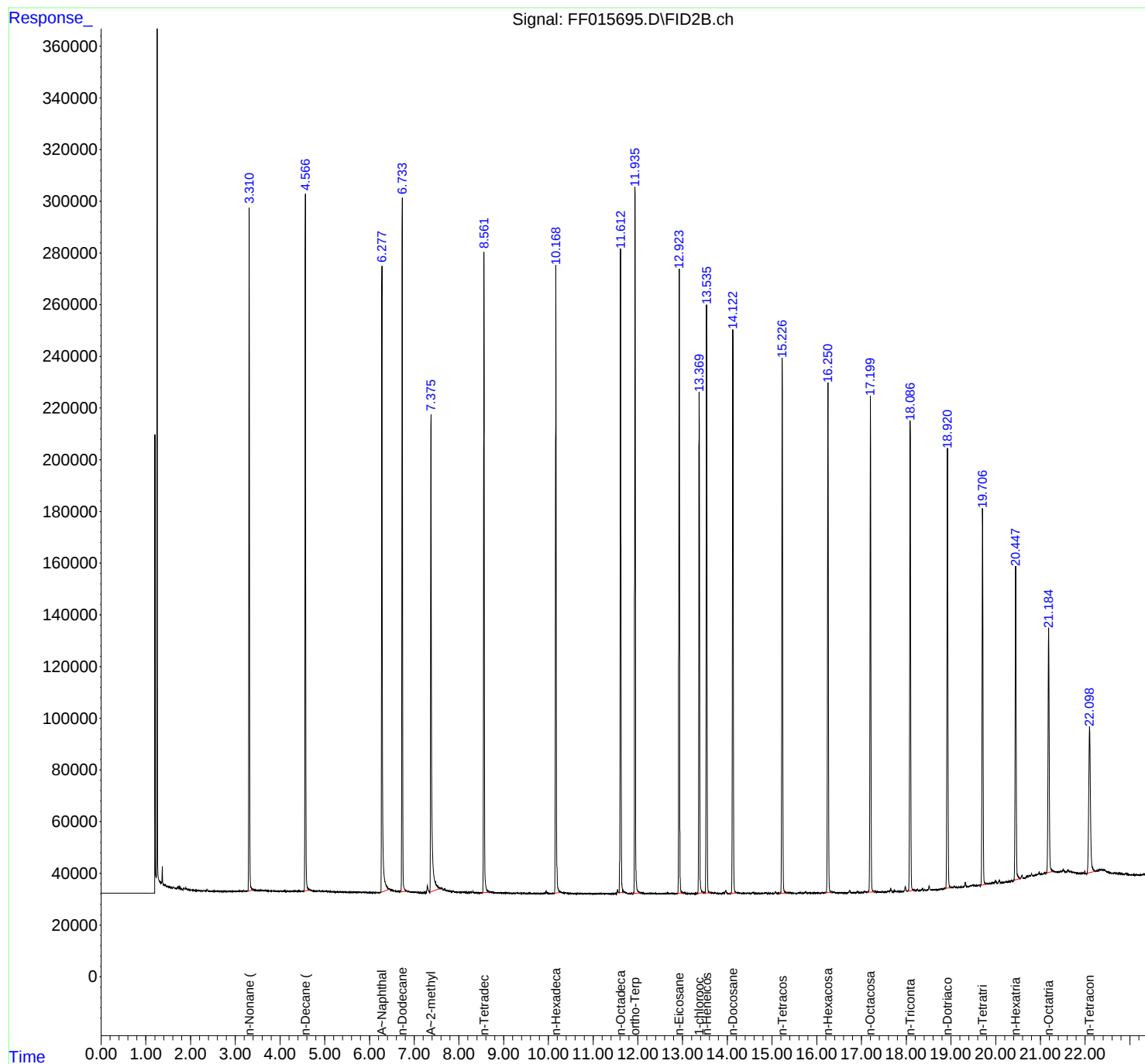
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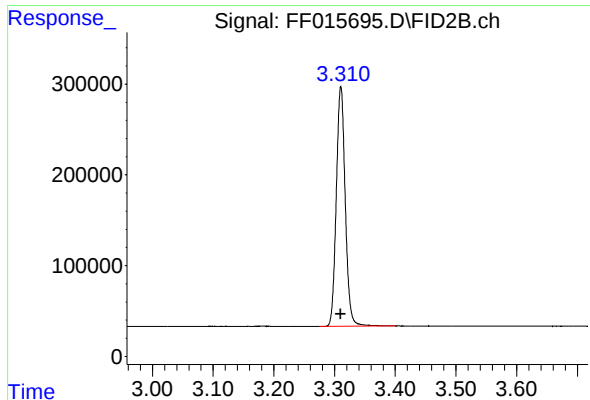
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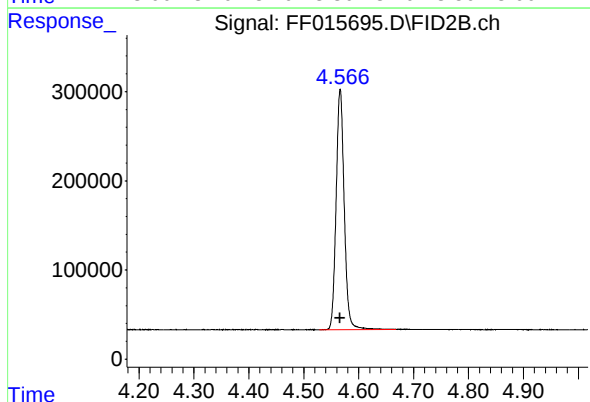




#1 n-Nonane (C9)

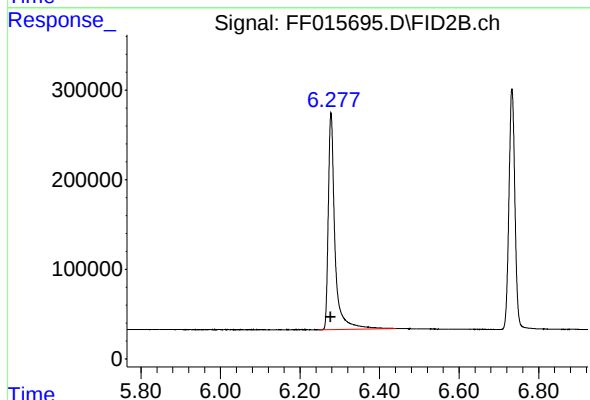
R.T.: 3.310 min
Delta R.T.: 0.000 min
Response: 2712254
Conc: 21.41 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



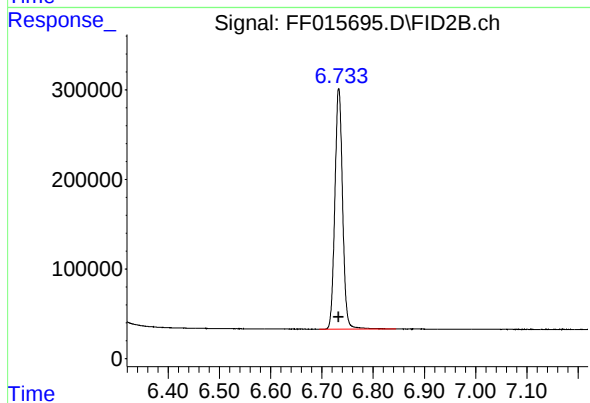
#2 n-Decane (C10)

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 2762325
Conc: 21.51 ug/ml



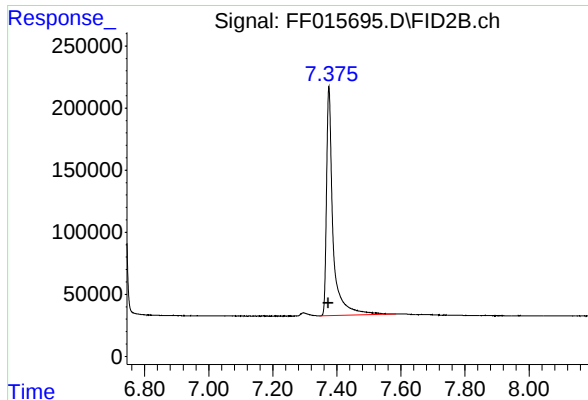
#3 A~Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: 0.002 min
Response: 2816535
Conc: 21.70 ug/ml



#4 n-Dodecane (C12)

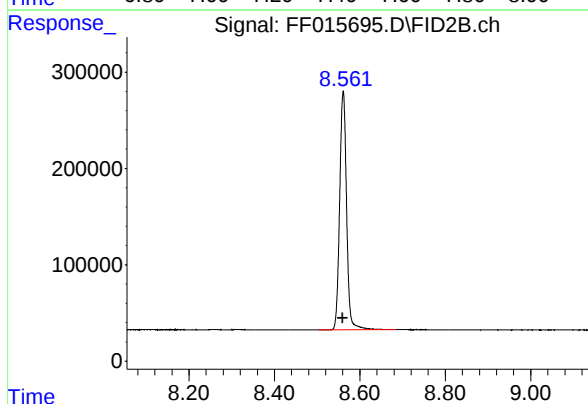
R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 2808878
Conc: 21.55 ug/ml



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

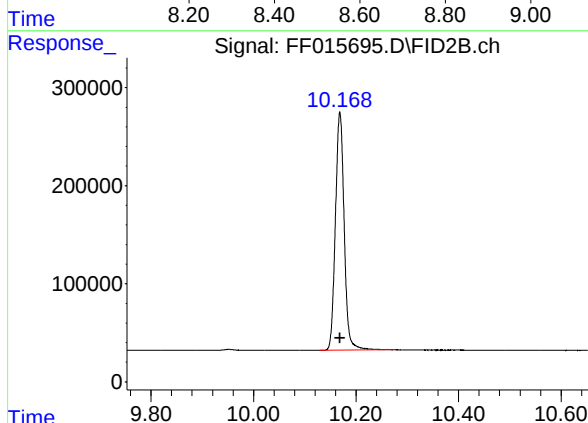
R.T.: 7.376 min
Delta R.T.: 0.003 min
Response: 2617622
Conc: 22.09 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



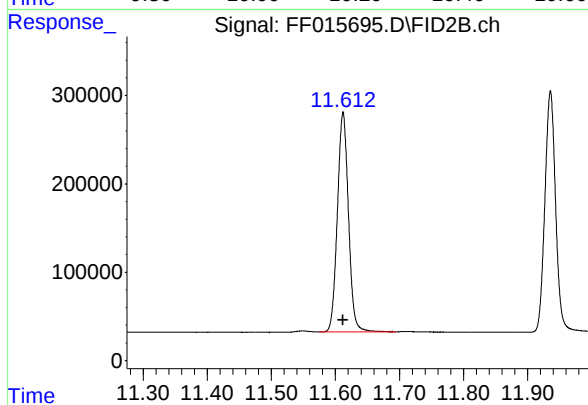
#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: 0.000 min
Response: 2787954
Conc: 21.53 ug/ml



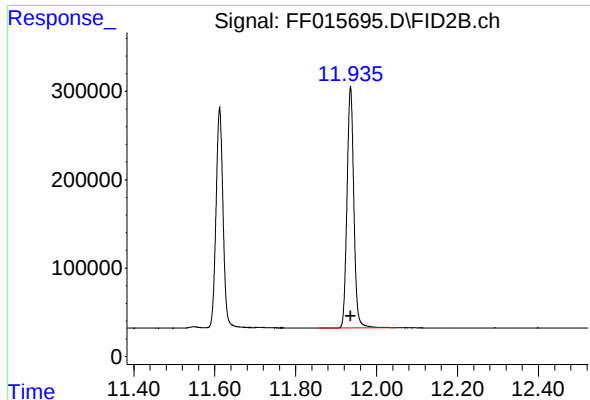
#7 n-Hexadecane (C16)

R.T.: 10.168 min
Delta R.T.: 0.000 min
Response: 2887405
Conc: 21.59 ug/ml



#8 n-Octadecane (C18)

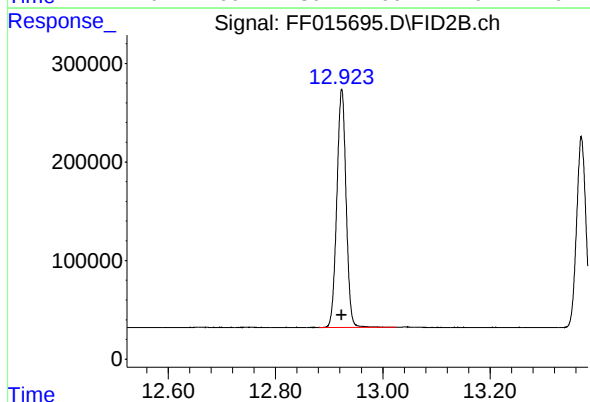
R.T.: 11.612 min
Delta R.T.: 0.000 min
Response: 2968715
Conc: 21.56 ug/ml



#9 ortho-Terphenyl (SURR)

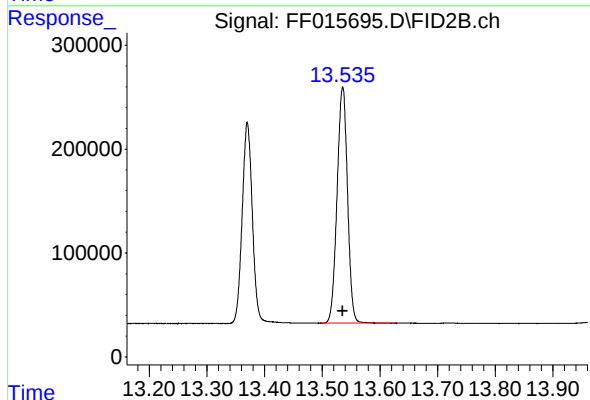
R.T.: 11.935 min
Delta R.T.: 0.000 min
Response: 3200373
Conc: 21.01 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



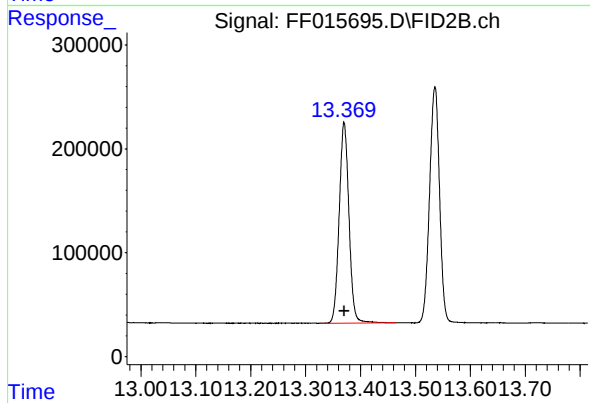
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: 0.000 min
Response: 2893762
Conc: 21.47 ug/ml



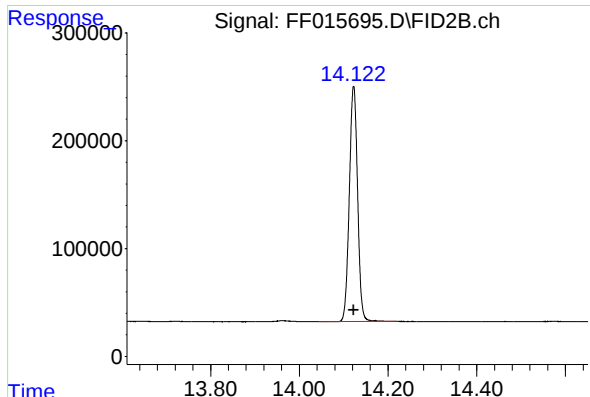
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: 0.000 min
Response: 2863630
Conc: 21.43 ug/ml



#12 1-chlorooctadecane (SURR)

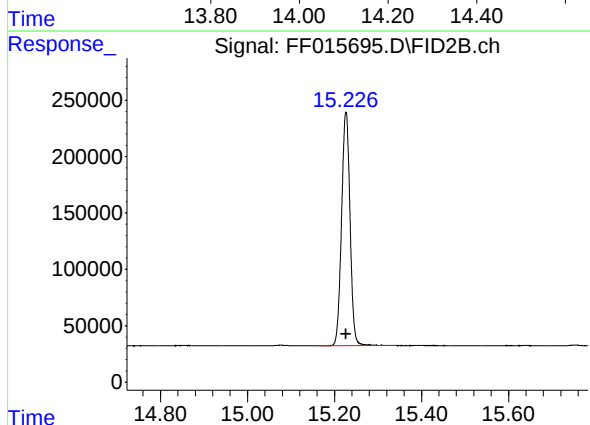
R.T.: 13.370 min
Delta R.T.: 0.000 min
Response: 2381043
Conc: 20.98 ug/ml



#13 n-Docosane (C22)

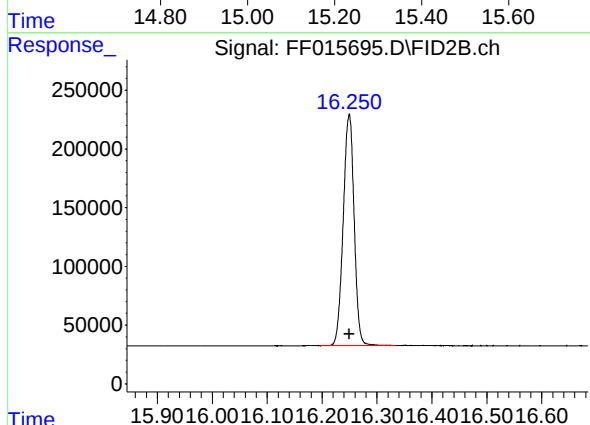
R.T.: 14.122 min
Delta R.T.: 0.000 min
Response: 2830069
Conc: 21.15 ug/ml

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20 PPM ALIPHATIC HC STD



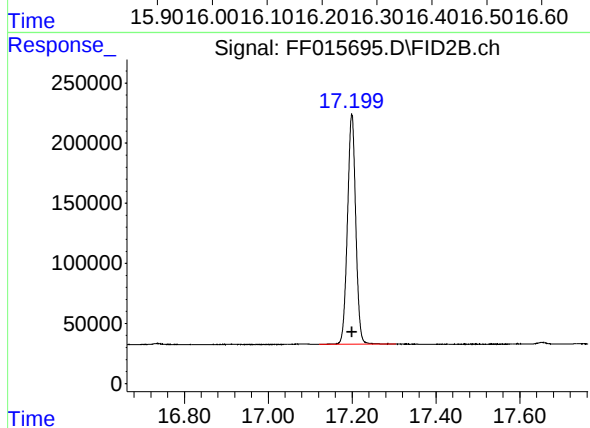
#14 n-Tetracosane (C24)

R.T.: 15.226 min
Delta R.T.: 0.000 min
Response: 2795888
Conc: 20.88 ug/ml



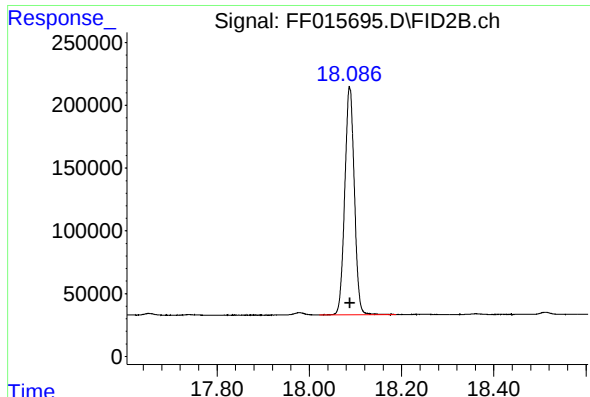
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: 0.000 min
Response: 2710122
Conc: 20.72 ug/ml



#16 n-Octacosane (C28)

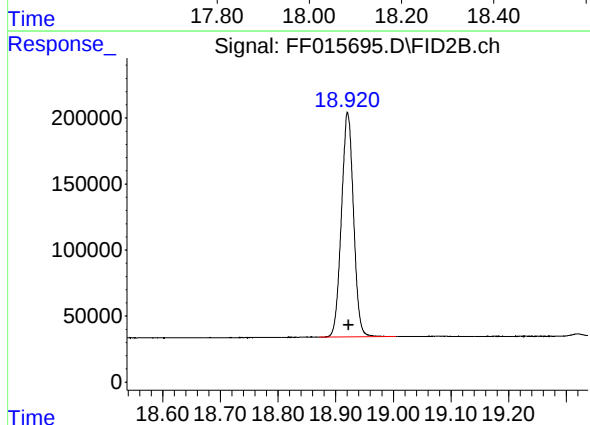
R.T.: 17.199 min
Delta R.T.: -0.001 min
Response: 2628314
Conc: 20.12 ug/ml



#17 n-Tricontane (C30)

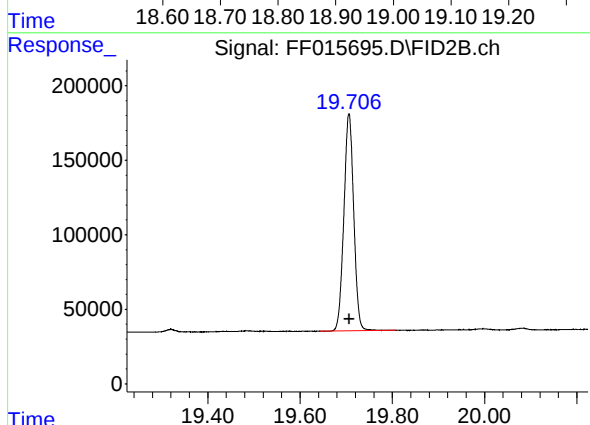
R.T.: 18.088 min
Delta R.T.: 0.000 min
Response: 2610142
Conc: 19.36 ug/ml

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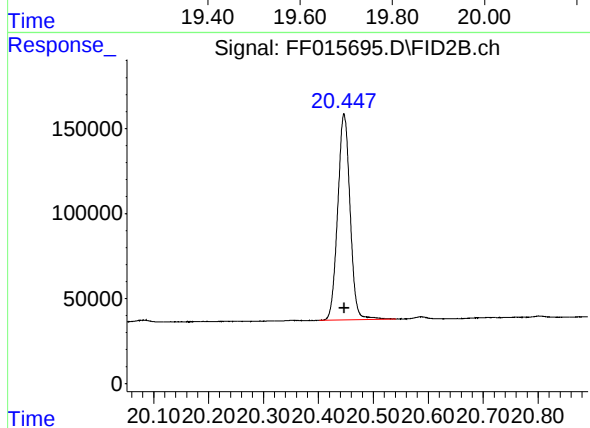
#18 n-Dotriacontane (C32)

R.T.: 18.921 min
Delta R.T.: -0.001 min
Response: 2476120
Conc: 18.99 ug/ml



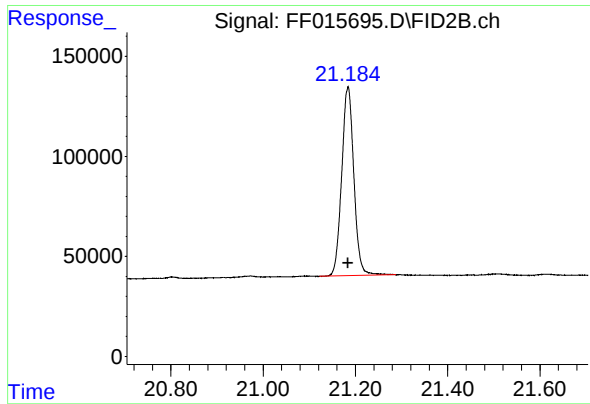
#19 n-Tetatriacontane (C34)

R.T.: 19.706 min
Delta R.T.: 0.000 min
Response: 2165124
Conc: 18.55 ug/ml



#20 n-Hexatriacontane (C36)

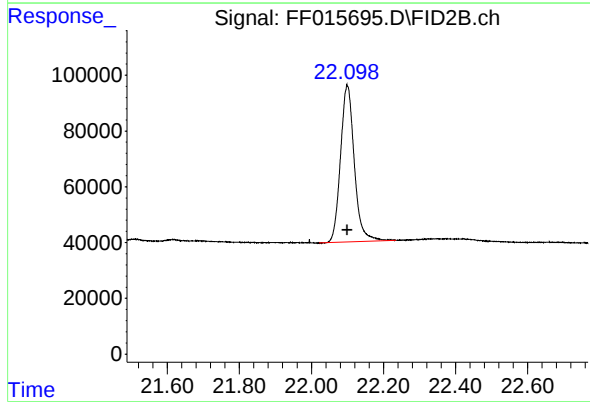
R.T.: 20.447 min
Delta R.T.: 0.000 min
Response: 1892968
Conc: 19.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: 0.000 min
Response: 1725440
Conc: 19.75 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.099 min
Delta R.T.: 0.000 min
Response: 1494030
Conc: 18.62 ug/ml