

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102924AL\
 Data File : FE050896.D
 Signal(s) : FID1B.ch
 Acq On : 29 Oct 2024 22:53
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/30/2024
 Supervised By :Ankita Jodhani 10/30/2024

Integration File: autoint1.e
 Quant Time: Oct 30 05:13:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 2024
 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)	11.856	3027309	19.202 ug/ml
Spiked Amount 50.000		Recovery =	38.40%
12) S 1-chlorooctadecane (S...	13.289	2331574	19.710 ug/ml
Spiked Amount 50.000		Recovery =	39.42%
Target Compounds			
1) T n-Nonane (C9)	3.246	2675060	18.933 ug/ml
2) T n-Decane (C10)	4.496	2771783	19.319 ug/ml
3) T A~Naphthalene (C11.7)	6.208	2688429	18.801 ug/ml
4) T n-Dodecane (C12)	6.663	2807839	19.508 ug/ml
5) T A~2-methylnaphthalene...	7.303	2538528	19.162 ug/ml
6) T n-Tetradecane (C14)	8.489	2787198	19.482 ug/ml
7) T n-Hexadecane (C16)	10.094	2881998	19.583 ug/ml
8) T n-Octadecane (C18)	11.535	2915942	19.522 ug/ml
10) T n-Eicosane (C20)	12.843	2801148	19.534 ug/ml
11) T n-Heneicosane (C21)	13.454	2739580	19.508 ug/ml
13) T n-Docosane (C22)	14.039	2714661	19.350 ug/ml
14) T n-Tetracosane (C24)	15.140	2725572	19.292 ug/ml
15) T n-Hexacosane (C26)	16.159	2787267	19.808 ug/mlm
16) T n-Octacosane (C28)	17.109	2933460	20.047 ug/ml
17) T n-Tricontane (C30)	17.994	3260436	20.506 ug/ml
18) T n-Dotriacontane (C32)	18.826	3413837	21.058 ug/ml
19) T n-Tetratriacontane (C34)	19.609	3036379	20.671 ug/ml
20) T n-Hexatriacontane (C36)	20.346	2546248	20.079 ug/mlm
21) T n-Octatriacontane (C38)	21.072	2306967	18.658 ug/ml
22) T n-Tetracontane (C40)	21.955	2013106	18.079 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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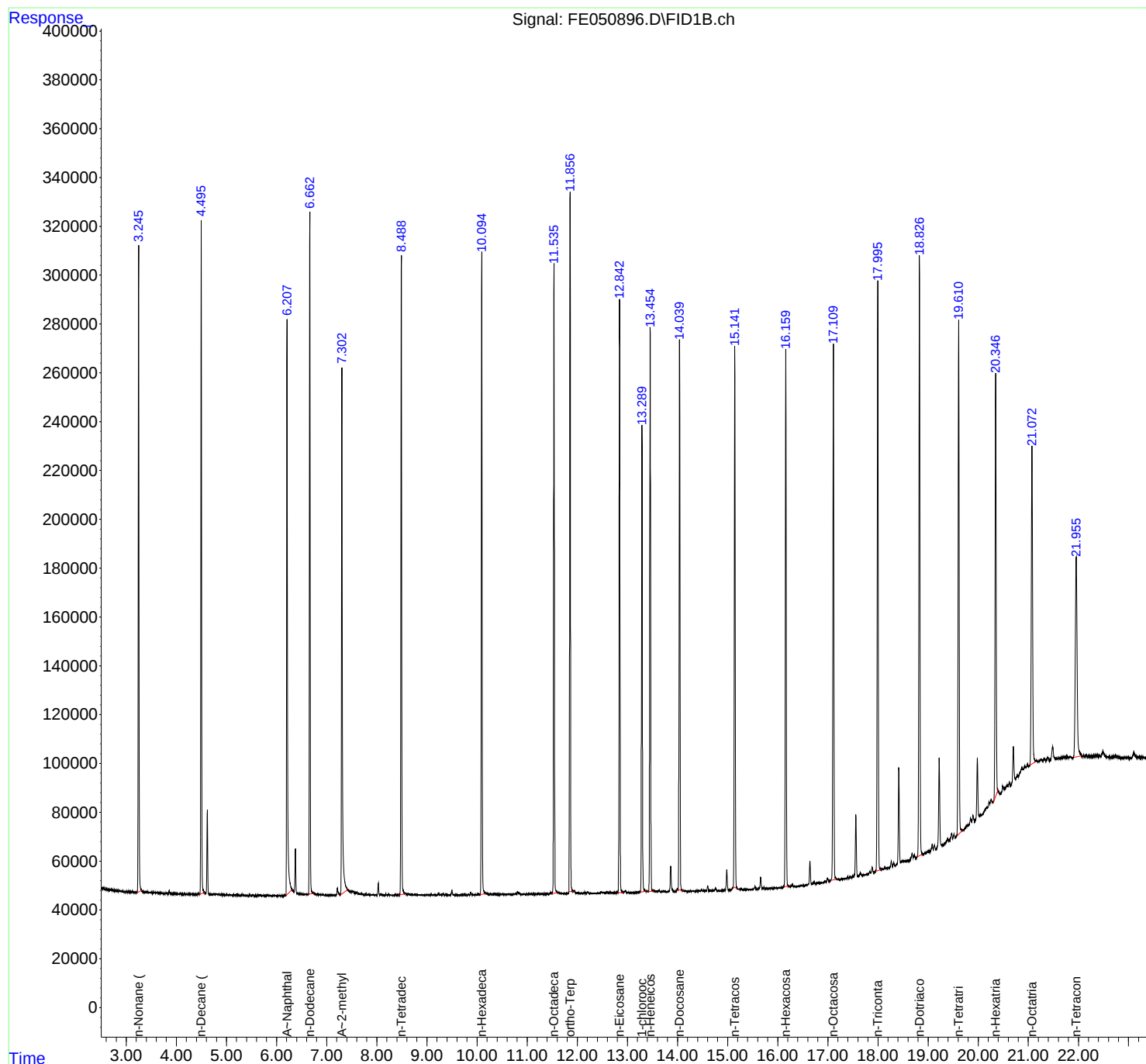
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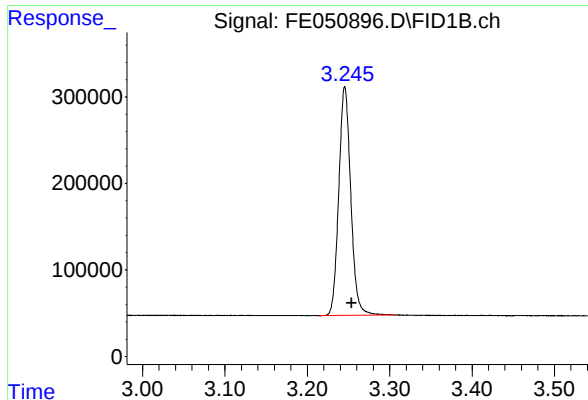
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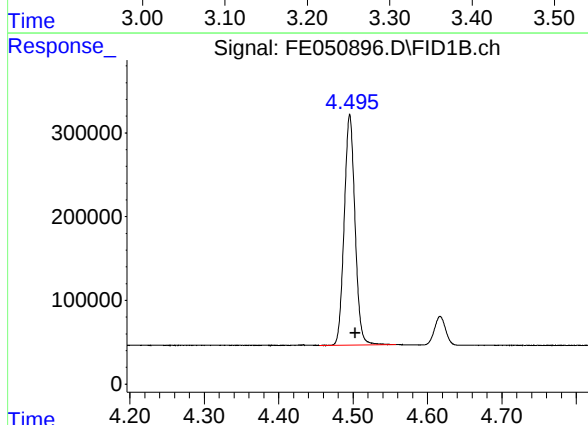
#1 n-Nonane (C9)

R.T.: 3.246 min
Delta R.T.: -0.008 min
Response: 2675060
Conc: 18.93 ug/ml

Instrument :
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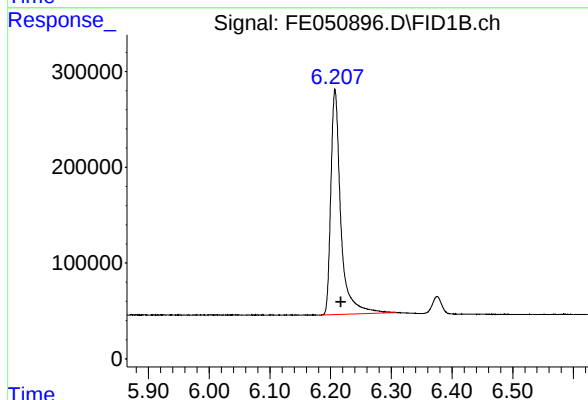
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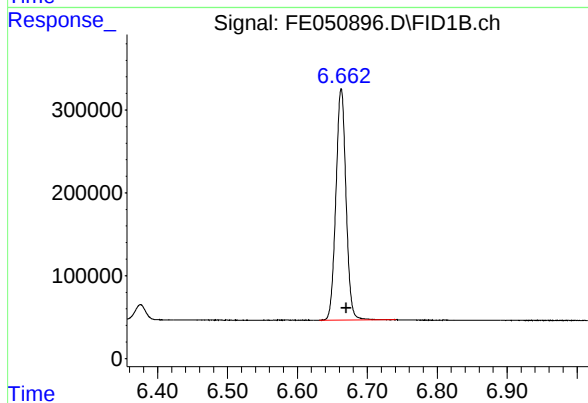
#2 n-Decane (C10)

R.T.: 4.496 min
Delta R.T.: -0.007 min
Response: 2771783
Conc: 19.32 ug/ml



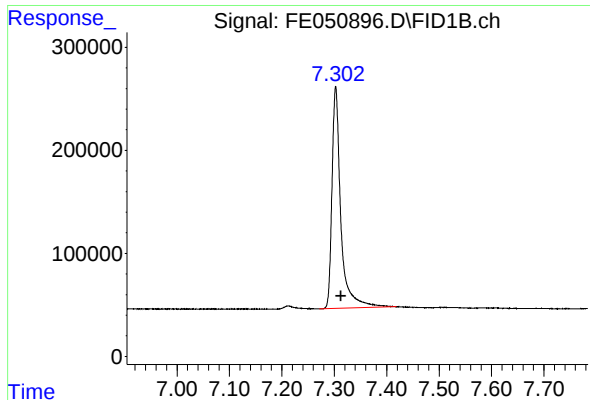
#3 A~Naphthalene (C11.7)

R.T.: 6.208 min
Delta R.T.: -0.009 min
Response: 2688429
Conc: 18.80 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.663 min
Delta R.T.: -0.007 min
Response: 2807839
Conc: 19.51 ug/ml



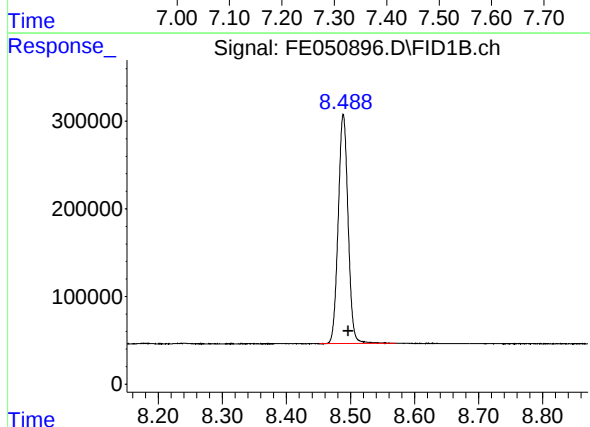
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.303 min
Delta R.T.: -0.010 min
Response: 2538528
Conc: 19.16 ug/ml

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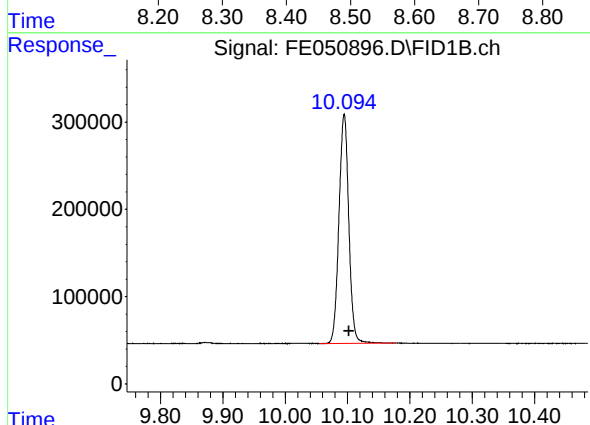
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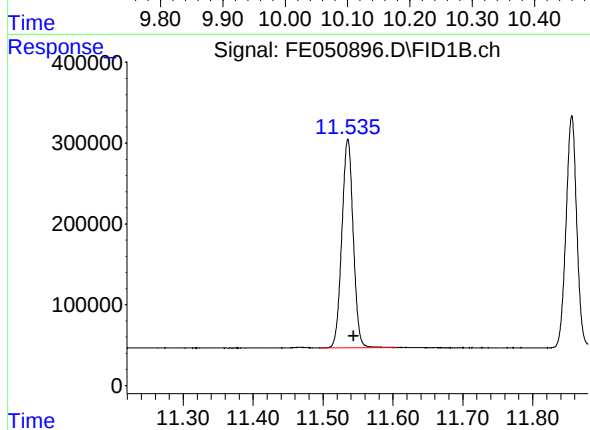
#6 n-Tetradecane (C14)

R.T.: 8.489 min
Delta R.T.: -0.008 min
Response: 2787198
Conc: 19.48 ug/ml



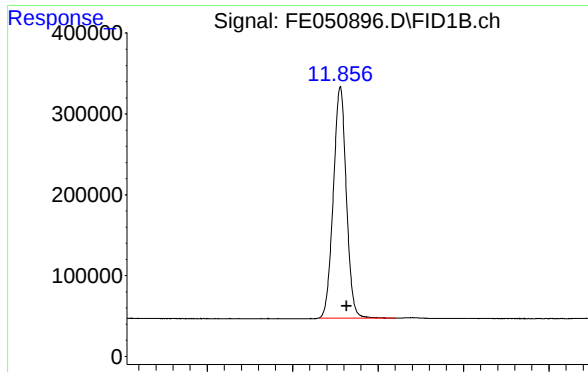
#7 n-Hexadecane (C16)

R.T.: 10.094 min
Delta R.T.: -0.008 min
Response: 2881998
Conc: 19.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.535 min
Delta R.T.: -0.008 min
Response: 2915942
Conc: 19.52 ug/ml



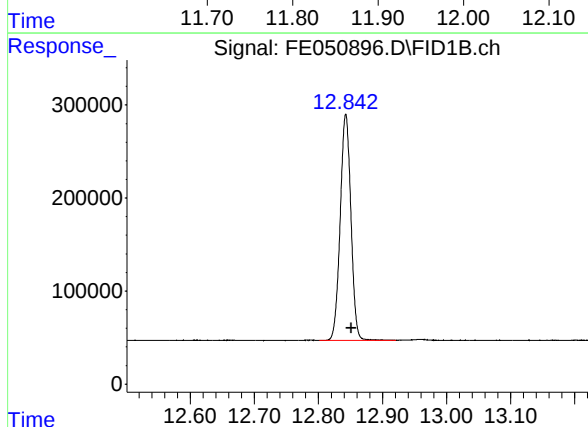
#9 ortho-Terphenyl (SURR)

R.T.: 11.856 min
Delta R.T.: -0.008 min
Response: 3027309
Conc: 19.20 ug/ml

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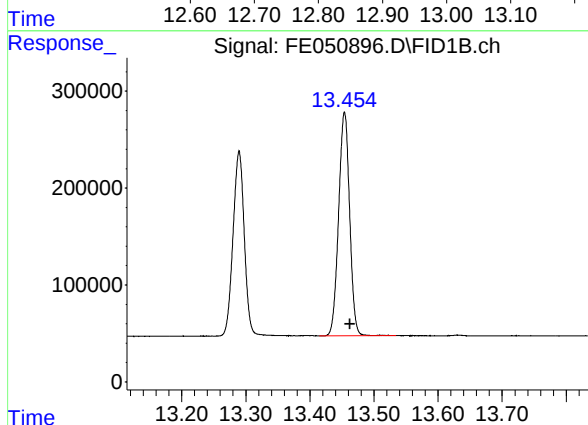
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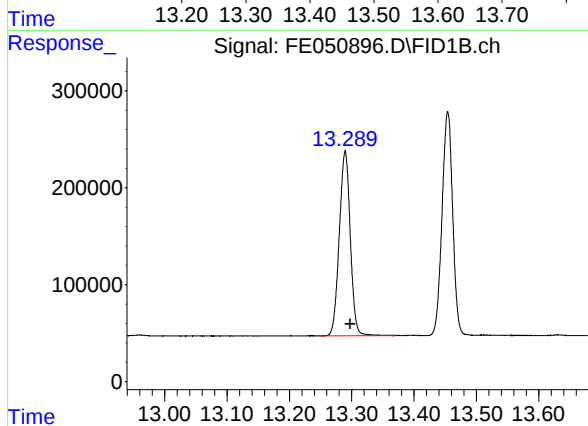
#10 n-Eicosane (C20)

R.T.: 12.843 min
Delta R.T.: -0.009 min
Response: 2801148
Conc: 19.53 ug/ml



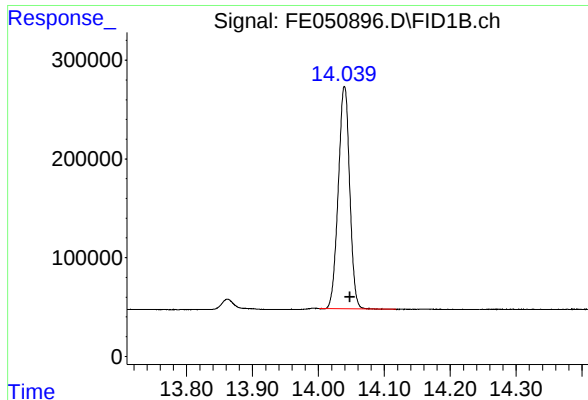
#11 n-Heneicosane (C21)

R.T.: 13.454 min
Delta R.T.: -0.009 min
Response: 2739580
Conc: 19.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.289 min
Delta R.T.: -0.009 min
Response: 2331574
Conc: 19.71 ug/ml



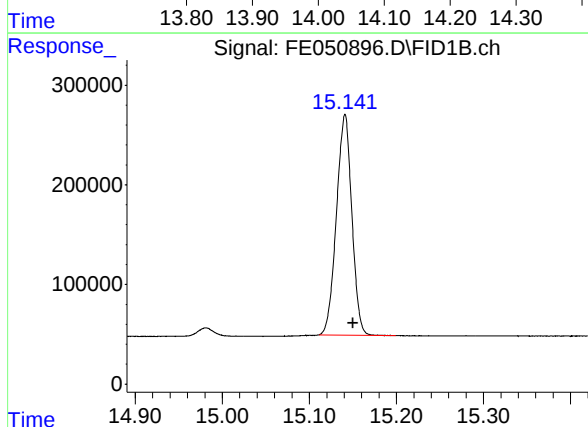
#13 n-Docosane (C22)

R.T.: 14.039 min
Delta R.T.: -0.009 min
Response: 2714661
Conc: 19.35 ug/ml

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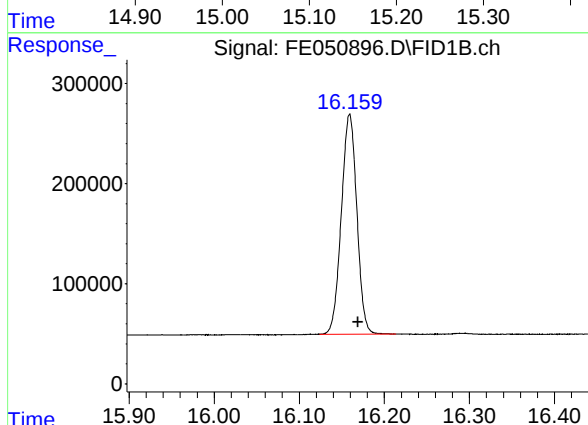
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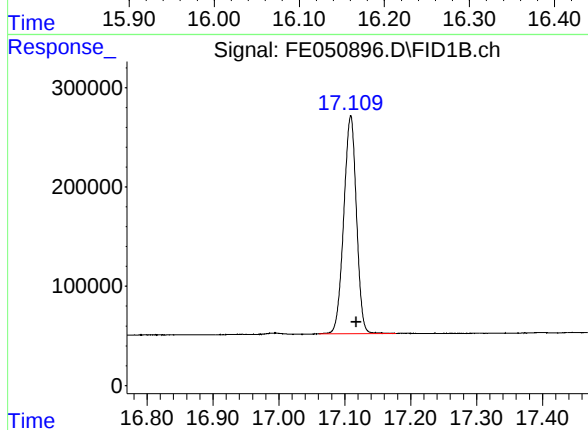
#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: -0.010 min
Response: 2725572
Conc: 19.29 ug/ml



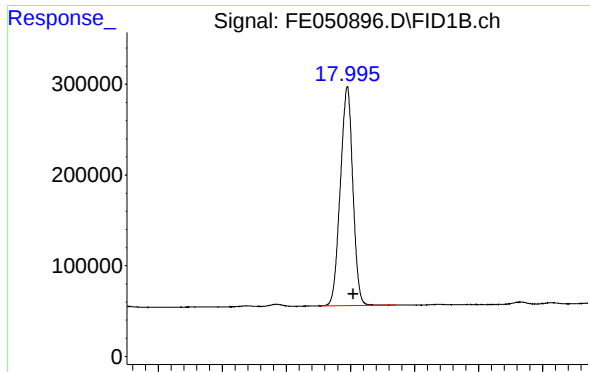
#15 n-Hexacosane (C26)

R.T.: 16.159 min
Delta R.T.: -0.010 min
Response: 2787267
Conc: 19.81 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.109 min
Delta R.T.: -0.009 min
Response: 2933460
Conc: 20.05 ug/ml



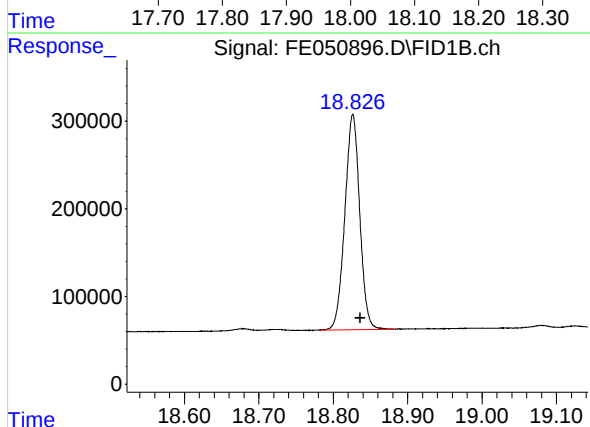
#17 n-Tricontane (C30)

R.T.: 17.994 min
Delta R.T.: -0.010 min
Response: 3260436
Conc: 20.51 ug/ml

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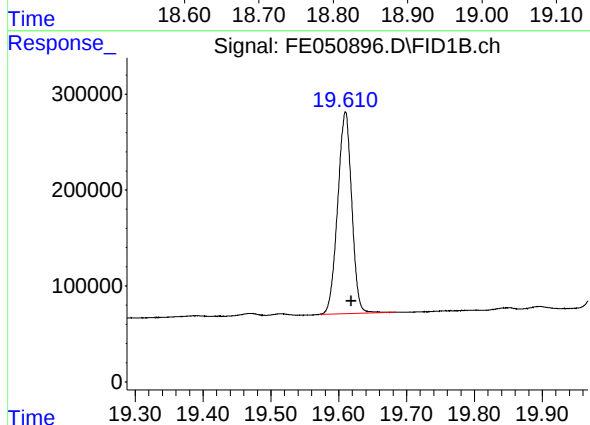
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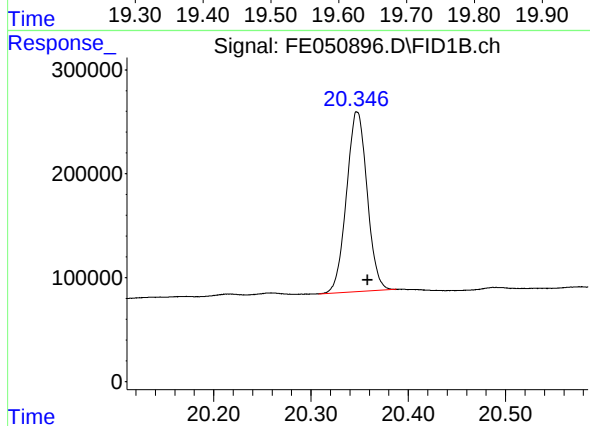
#18 n-Dotriacontane (C32)

R.T.: 18.826 min
Delta R.T.: -0.010 min
Response: 3413837
Conc: 21.06 ug/ml



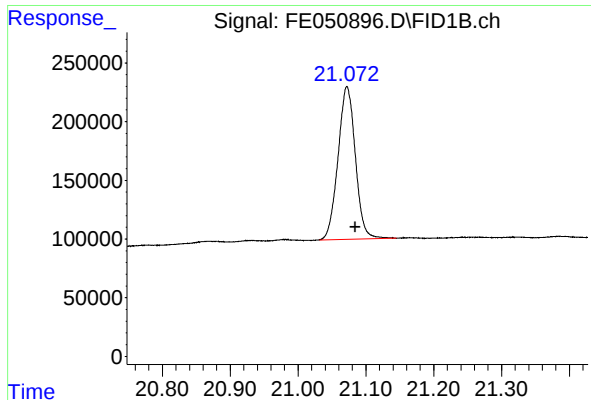
#19 n-Tetratriacontane (C34)

R.T.: 19.609 min
Delta R.T.: -0.009 min
Response: 3036379
Conc: 20.67 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.346 min
Delta R.T.: -0.012 min
Response: 2546248
Conc: 20.08 ug/ml m



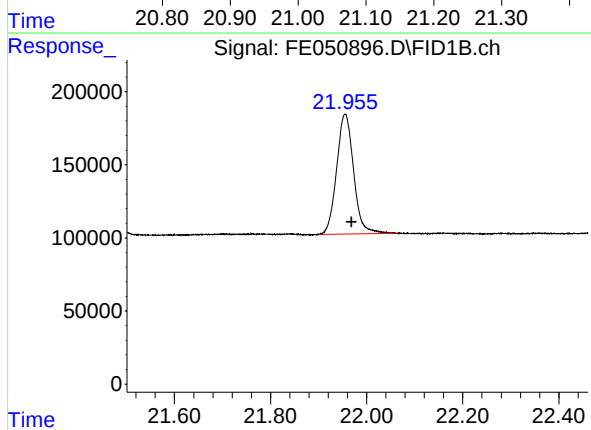
#21 n-Octatriacontane (C38)

R.T.: 21.072 min
Delta R.T.: -0.012 min
Response: 2306967
Conc: 18.66 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.955 min
Delta R.T.: -0.014 min
Response: 2013106
Conc: 18.08 ug/ml