

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060424AL\
 Data File : FE048535.D
 Signal(s) : FID1B.ch
 Acq On : 04 Jun 2024 13:35
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/05/2024
 Supervised By :Ankita Jodhani 06/05/2024

Integration File: autoint1.e
 Quant Time: Jun 05 01:51:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.945	2753709	19.177 ug/ml
Spiked Amount 50.000		Recovery =	38.35%
12) S 1-chlorooctadecane (S...	13.379	2088304	19.169 ug/ml
Spiked Amount 50.000		Recovery =	38.34%
Target Compounds			
1) T n-Nonane (C9)	3.333	2771773	18.540 ug/ml
2) T n-Decane (C10)	4.582	2863258	18.962 ug/ml
3) T A~Naphthalene (C11.7)	6.288	2794408	18.767 ug/ml
4) T n-Dodecane (C12)	6.748	2800605	18.920 ug/ml
5) T A~2-methylnaphthalene...	7.384	2626296	18.941 ug/ml
6) T n-Tetradecane (C14)	8.575	2693816	18.993 ug/ml
7) T n-Hexadecane (C16)	10.183	2677035	18.989 ug/ml
8) T n-Octadecane (C18)	11.625	2654129	19.110 ug/ml
10) T n-Eicosane (C20)	12.934	2545792	19.237 ug/ml
11) T n-Heneicosane (C21)	13.546	2487936	19.207 ug/ml
13) T n-Docosane (C22)	14.131	2511556	19.490 ug/ml
14) T n-Tetracosane (C24)	15.233	2605193	20.110 ug/ml
15) T n-Hexacosane (C26)	16.252	2662080	20.540 ug/ml
16) T n-Octacosane (C28)	17.200	2768223	21.417 ug/mlm
17) T n-Tricontane (C30)	18.088	2954830	22.057 ug/ml
18) T n-Dotriacontane (C32)	18.920	3007396	22.155 ug/ml
19) T n-Tetratriacontane (C34)	19.702	2851692	20.846 ug/ml
20) T n-Hexatriacontane (C36)	20.442	2712312	19.953 ug/ml
21) T n-Octatriacontane (C38)	21.179	2679316	19.647 ug/ml
22) T n-Tetracontane (C40)	22.095	2586261	18.889 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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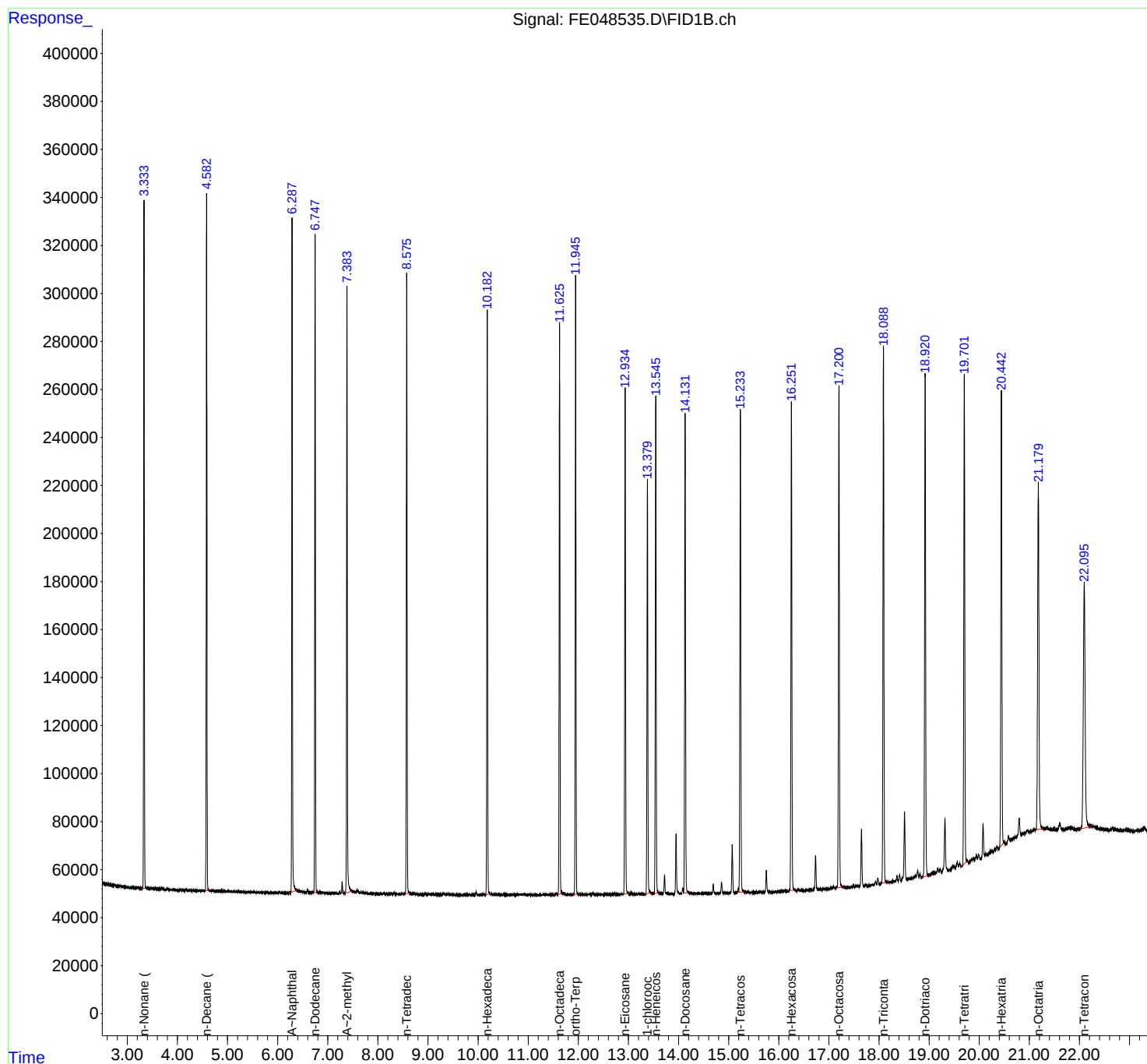
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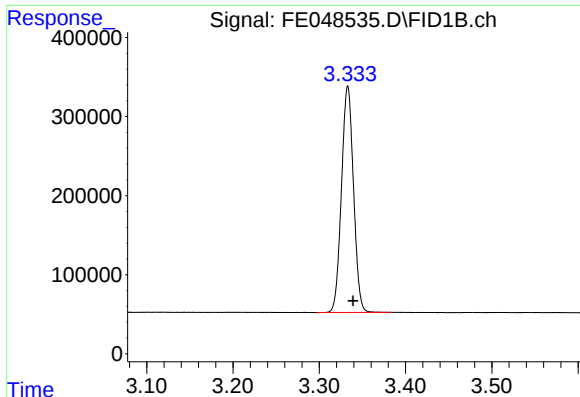
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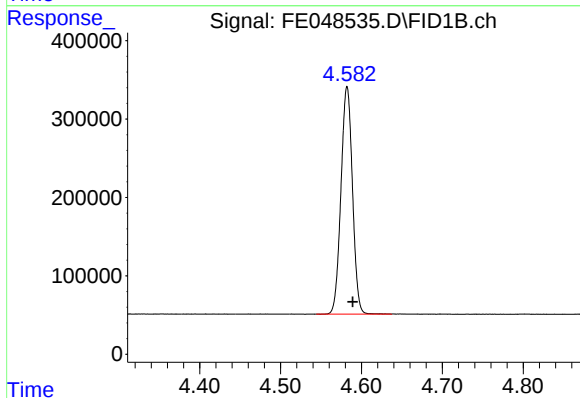
#1 n-Nonane (C9)

R.T.: 3.333 min
Delta R.T.: -0.006 min
Response: 2771773
Conc: 18.54 ug/ml

Instrument :
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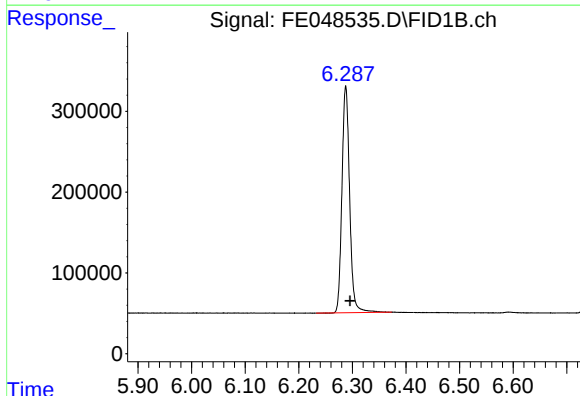
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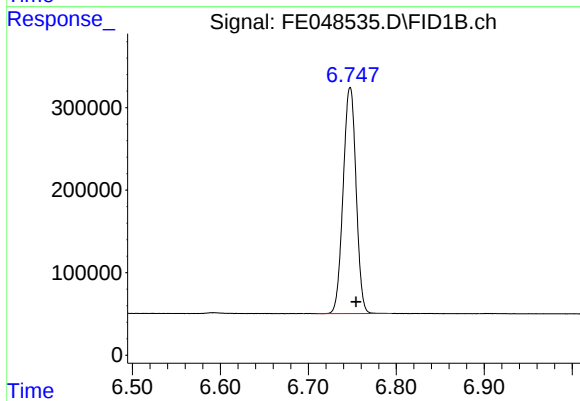
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: -0.007 min
Response: 2863258
Conc: 18.96 ug/ml



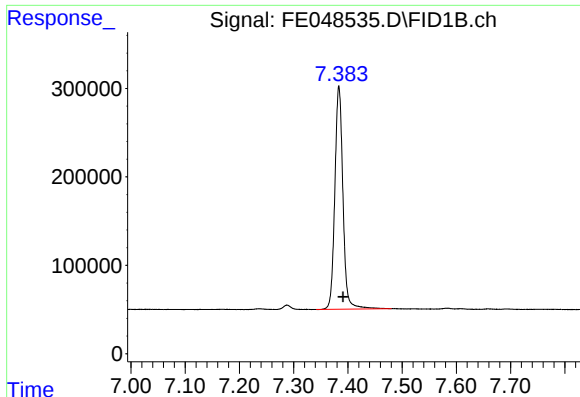
#3 A~Naphthalene (C11.7)

R.T.: 6.288 min
Delta R.T.: -0.008 min
Response: 2794408
Conc: 18.77 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.748 min
Delta R.T.: -0.006 min
Response: 2800605
Conc: 18.92 ug/ml



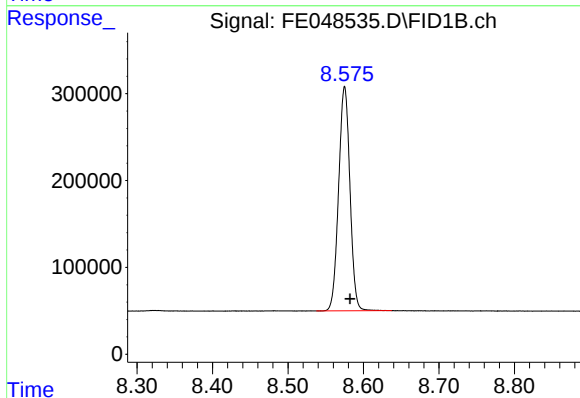
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.384 min
Delta R.T.: -0.008 min
Response: 2626296
Conc: 18.94 ug/ml

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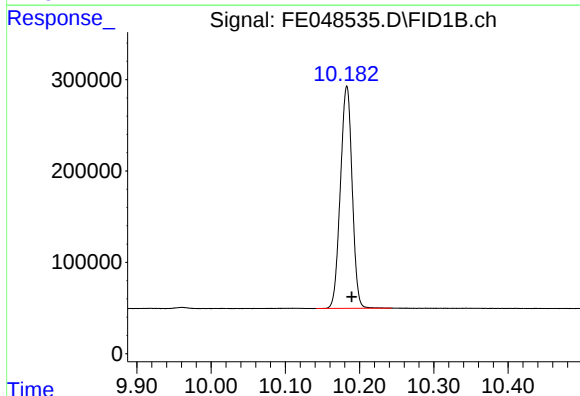
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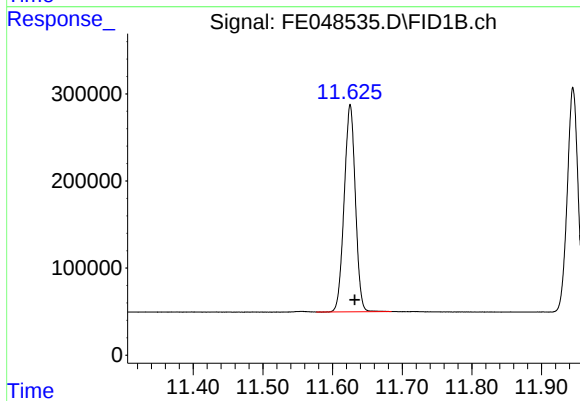
#6 n-Tetradecane (C14)

R.T.: 8.575 min
Delta R.T.: -0.007 min
Response: 2693816
Conc: 18.99 ug/ml



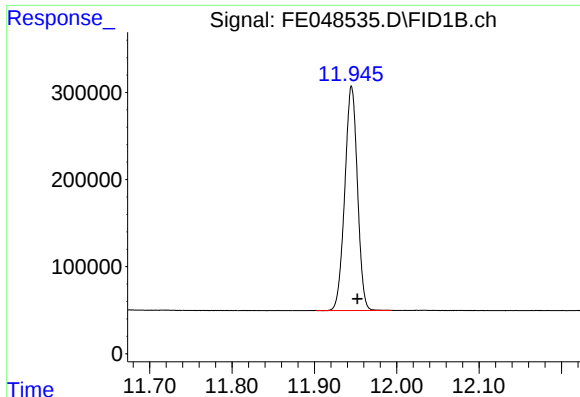
#7 n-Hexadecane (C16)

R.T.: 10.183 min
Delta R.T.: -0.006 min
Response: 2677035
Conc: 18.99 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.625 min
Delta R.T.: -0.006 min
Response: 2654129
Conc: 19.11 ug/ml



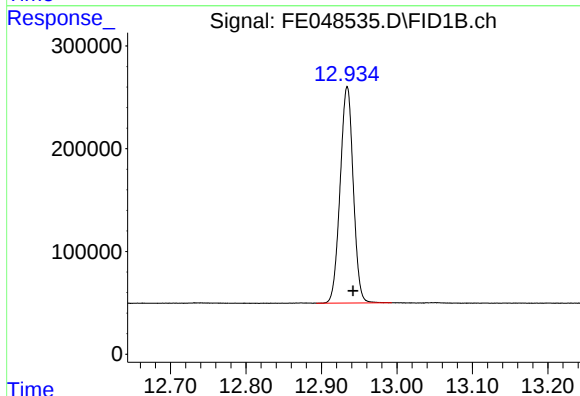
#9 ortho-Terphenyl (SURR)

R.T.: 11.945 min
Delta R.T.: -0.007 min
Response: 2753709
Conc: 19.18 ug/ml

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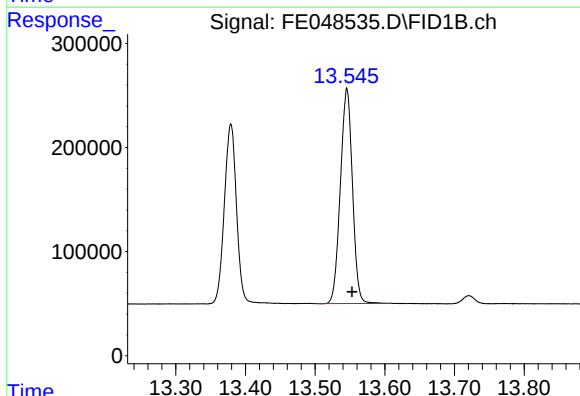
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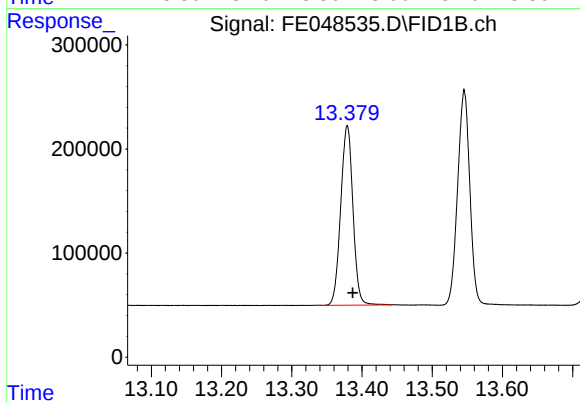
#10 n-Eicosane (C20)

R.T.: 12.934 min
Delta R.T.: -0.008 min
Response: 2545792
Conc: 19.24 ug/ml



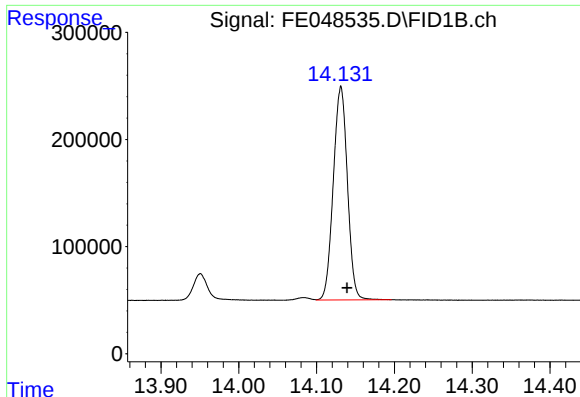
#11 n-Heneicosane (C21)

R.T.: 13.546 min
Delta R.T.: -0.007 min
Response: 2487936
Conc: 19.21 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.379 min
Delta R.T.: -0.008 min
Response: 2088304
Conc: 19.17 ug/ml



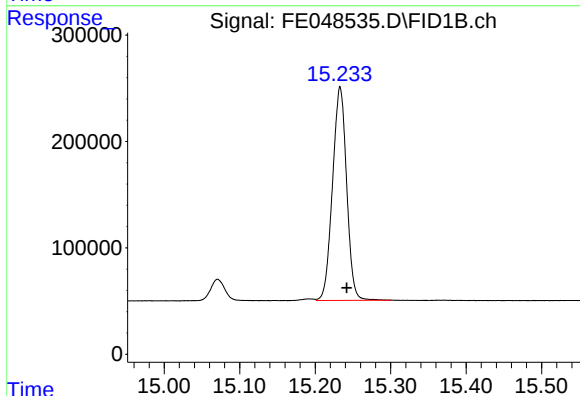
#13 n-Docosane (C22)

R.T.: 14.131 min
Delta R.T.: -0.008 min
Response: 2511556
Conc: 19.49 ug/ml

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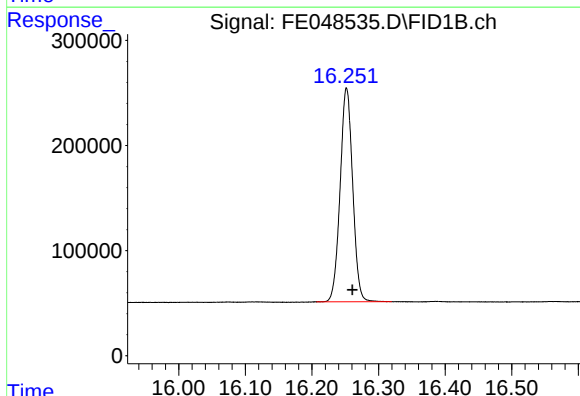
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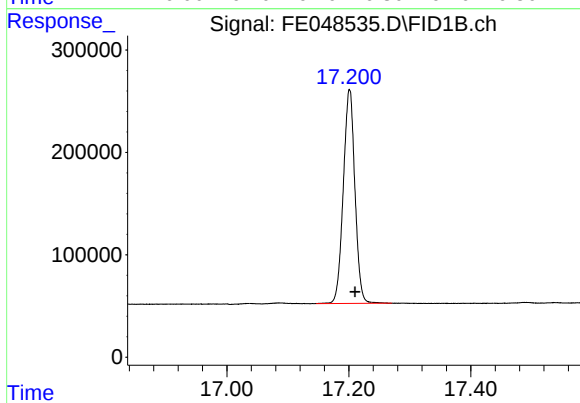
#14 n-Tetracosane (C24)

R.T.: 15.233 min
Delta R.T.: -0.009 min
Response: 2605193
Conc: 20.11 ug/ml



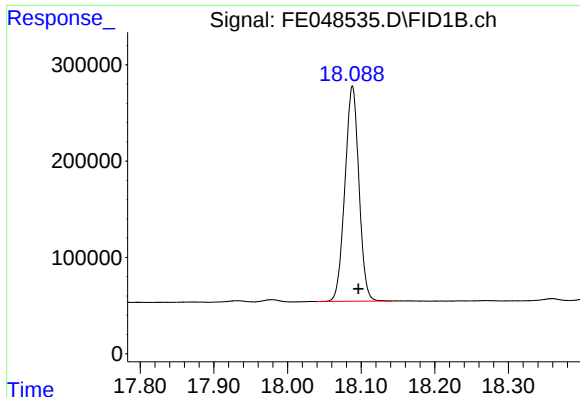
#15 n-Hexacosane (C26)

R.T.: 16.252 min
Delta R.T.: -0.009 min
Response: 2662080
Conc: 20.54 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.200 min
Delta R.T.: -0.010 min
Response: 2768223
Conc: 21.42 ug/ml m



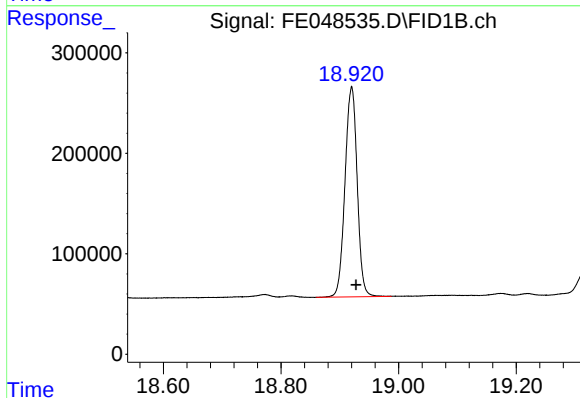
#17 n-Tricontane (C30)

R.T.: 18.088 min
Delta R.T.: -0.008 min
Response: 2954830
Conc: 22.06 ug/ml

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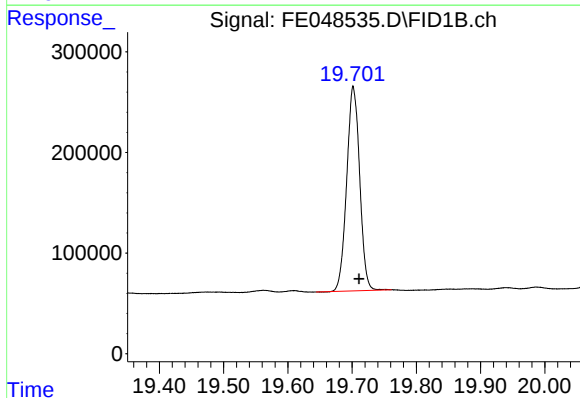
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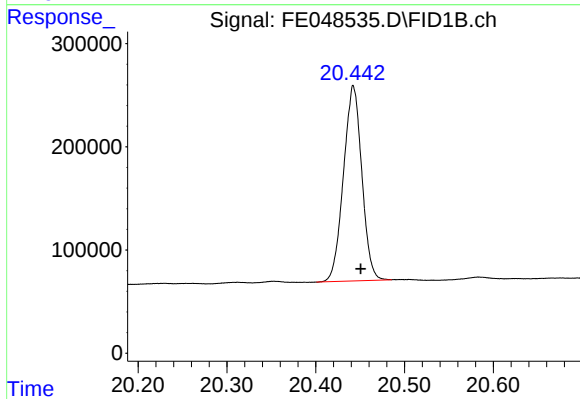
#18 n-Dotriacontane (C32)

R.T.: 18.920 min
Delta R.T.: -0.007 min
Response: 3007396
Conc: 22.16 ug/ml



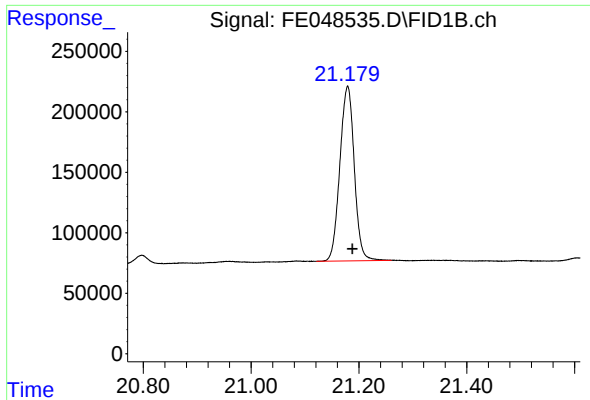
#19 n-Tetratriacontane (C34)

R.T.: 19.702 min
Delta R.T.: -0.009 min
Response: 2851692
Conc: 20.85 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.442 min
Delta R.T.: -0.008 min
Response: 2712312
Conc: 19.95 ug/ml



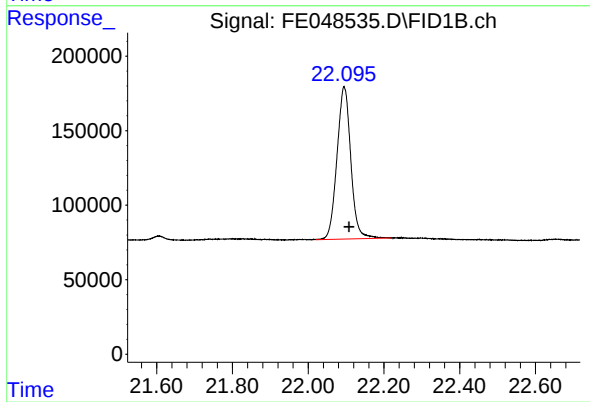
#21 n-Octatriacontane (C38)

R.T.: 21.179 min
Delta R.T.: -0.008 min
Response: 2679316
Conc: 19.65 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.095 min
Delta R.T.: -0.013 min
Response: 2586261
Conc: 18.89 ug/ml m