

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF062623AL\
 Data File : FF013004.D
 Signal(s) : FID2B.ch
 Acq On : 26 Jun 2023 12:38
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :Ankita Jodhani 06/27/2023

Integration File: autoint1.e
 Quant Time: Jun 27 02:29:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 062023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 20 13:45:06 2023
 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)	10.872	2817860	19.097 ug/ml
Spiked Amount 50.000		Recovery =	38.19%
12) S 1-chlorooctadecane (S...	12.304	1994137	18.822 ug/ml
Spiked Amount 50.000		Recovery =	37.64%
Target Compounds			
1) T n-Nonane (C9)	2.741	2403539	20.362 ug/ml
2) T n-Decane (C10)	3.748	2430651	20.406 ug/ml
3) T A~Naphthalene (C11.7)	5.312	2492838	20.270 ug/ml
4) T n-Dodecane (C12)	5.732	2428970	20.130 ug/ml
5) T A~2-methylnaphthalene...	6.361	2274731	20.416 ug/ml
6) T n-Tetradecane (C14)	7.519	2363357	20.161 ug/ml
7) T n-Hexadecane (C16)	9.115	2409606	19.749 ug/ml
8) T n-Octadecane (C18)	10.553	2451153	19.280 ug/ml
10) T n-Eicosane (C20)	11.860	2369432	18.990 ug/ml
11) T n-Heneicosane (C21)	12.469	2332217	19.022 ug/ml
13) T n-Docosane (C22)	13.054	2298803	18.764 ug/ml
14) T n-Tetracosane (C24)	14.155	2317847	18.885 ug/ml
15) T n-Hexacosane (C26)	15.173	2217396	18.432 ug/ml
16) T n-Octacosane (C28)	16.122	2174766	18.494 ug/ml
17) T n-Tricontane (C30)	17.006	2208670	18.546 ug/ml
18) T n-Dotriacontane (C32)	17.836	2182588	18.666 ug/ml
19) T n-Tetratriacontane (C34)	18.619	2119504	19.090 ug/ml
20) T n-Hexatriacontane (C36)	19.356	2016521	19.023 ug/ml
21) T n-Octatriacontane (C38)	20.079	2037828	19.502 ug/ml
22) T n-Tetracontane (C40)	20.960	1826320	18.851 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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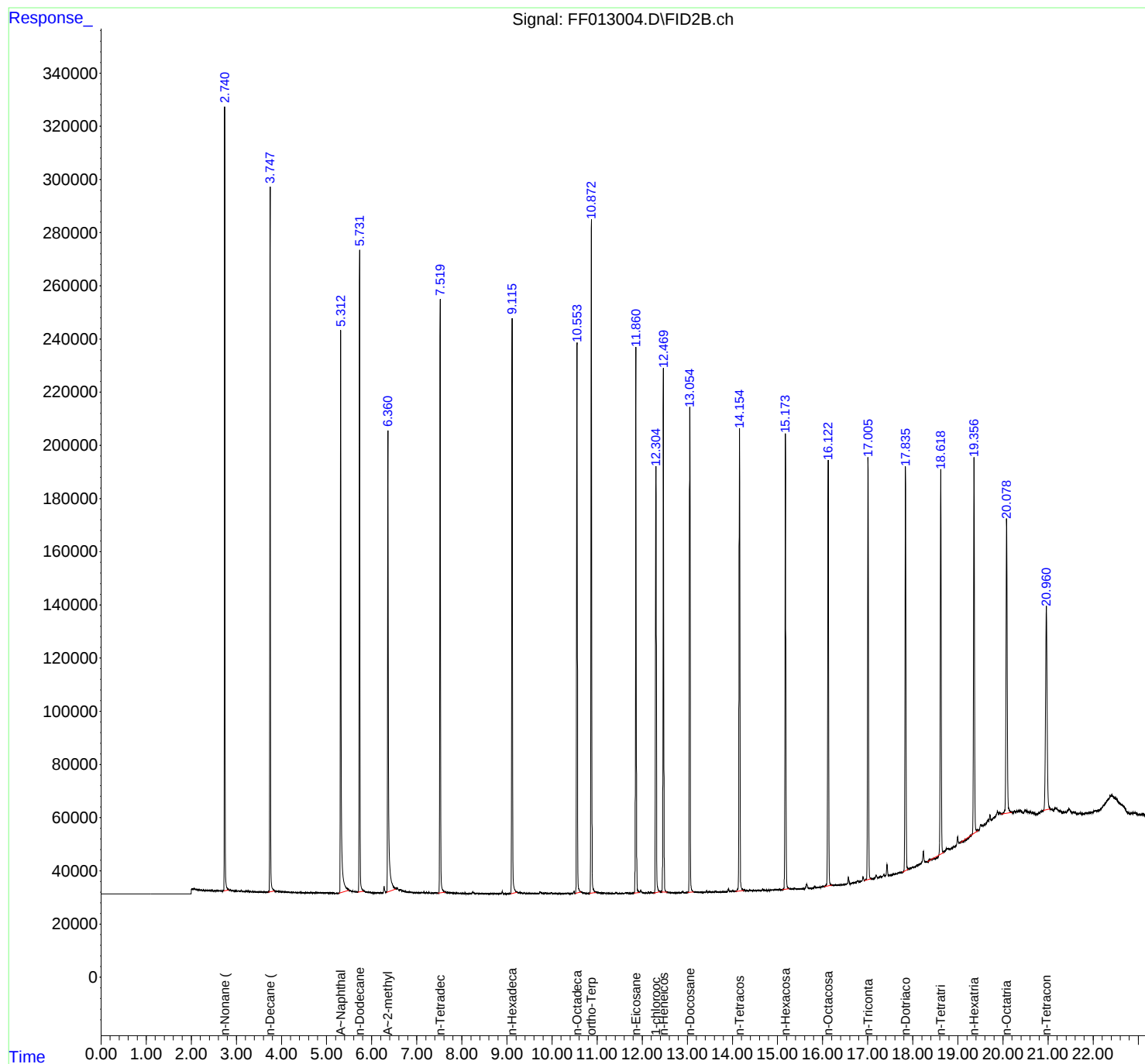
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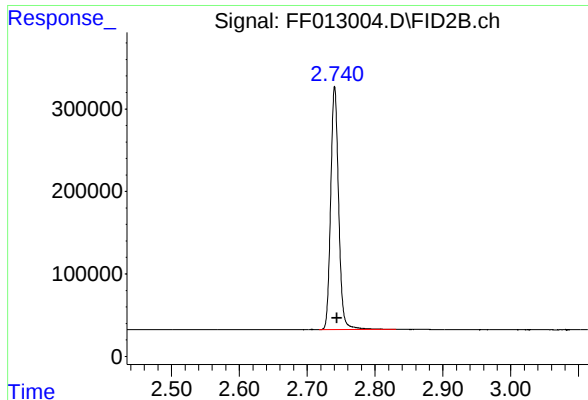
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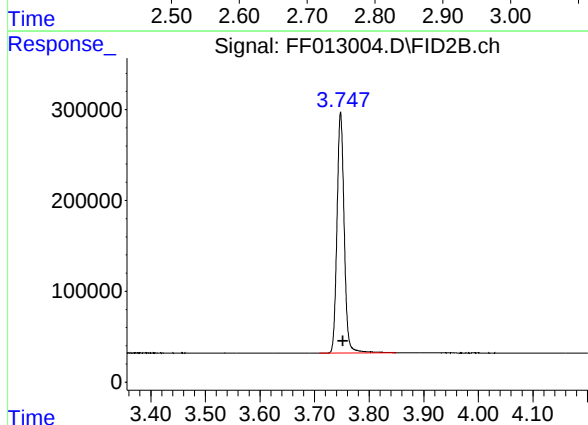
#1 n-Nonane (C9)

R.T.: 2.741 min
Delta R.T.: -0.003 min
Response: 2403539
Conc: 20.36 ug/ml

Instrument :
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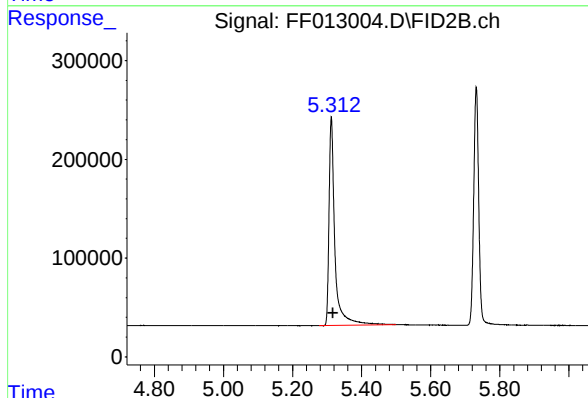
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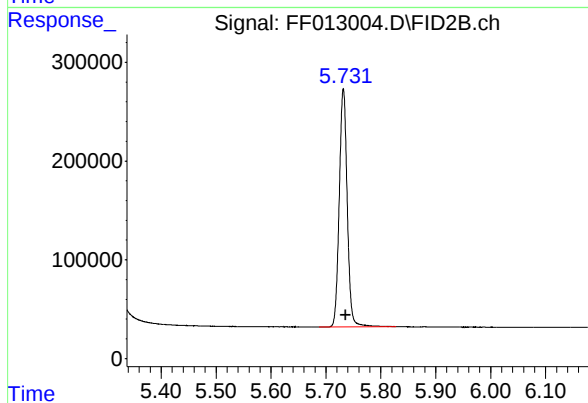
#2 n-Decane (C10)

R.T.: 3.748 min
Delta R.T.: -0.004 min
Response: 2430651
Conc: 20.41 ug/ml



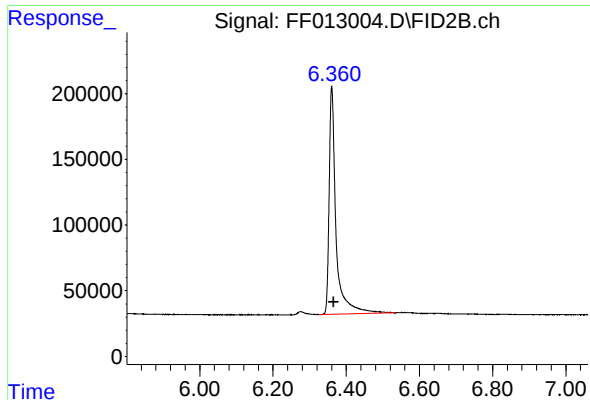
#3 A~Naphthalene (C11.7)

R.T.: 5.312 min
Delta R.T.: -0.005 min
Response: 2492838
Conc: 20.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.732 min
Delta R.T.: -0.004 min
Response: 2428970
Conc: 20.13 ug/ml



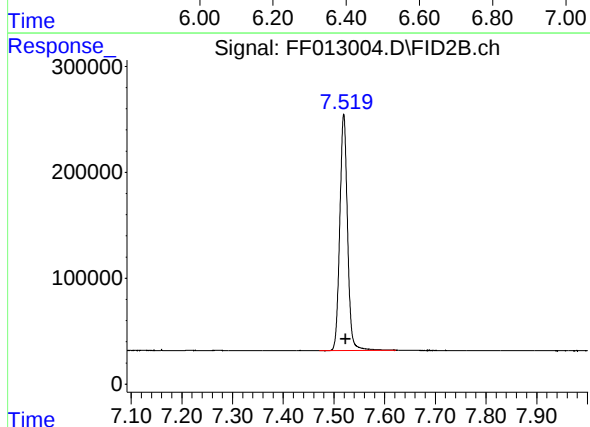
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.361 min
Delta R.T.: -0.005 min
Response: 2274731
Conc: 20.42 ug/ml

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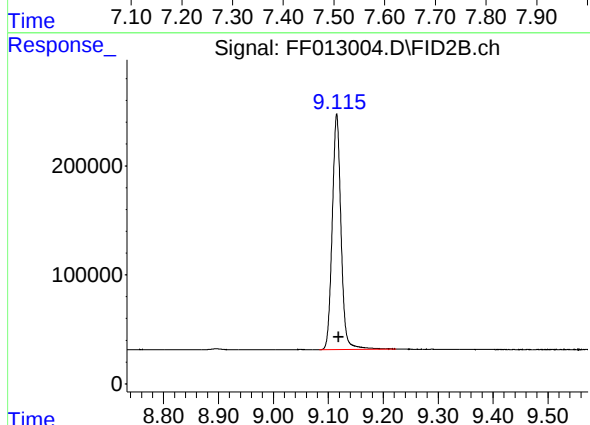
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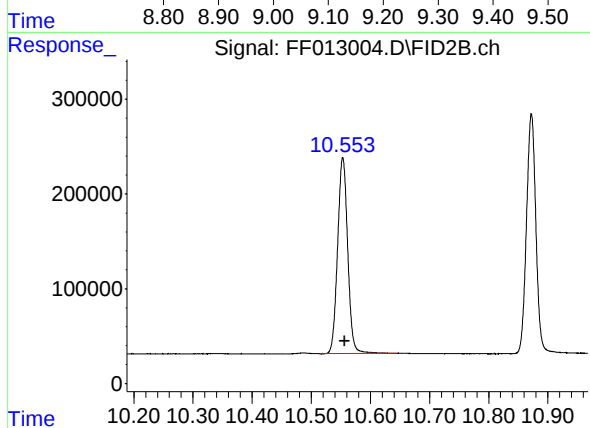
#6 n-Tetradecane (C14)

R.T.: 7.519 min
Delta R.T.: -0.004 min
Response: 2363357
Conc: 20.16 ug/ml



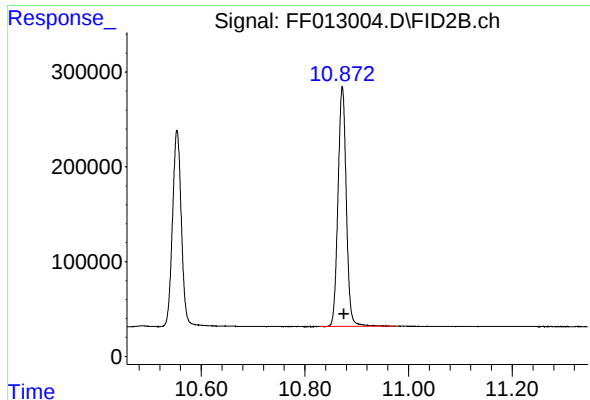
#7 n-Hexadecane (C16)

R.T.: 9.115 min
Delta R.T.: -0.004 min
Response: 2409606
Conc: 19.75 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.553 min
Delta R.T.: -0.003 min
Response: 2451153
Conc: 19.28 ug/ml



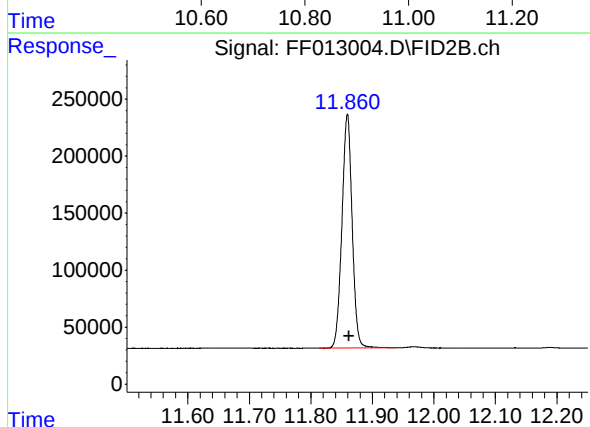
#9 ortho-Terphenyl (SURR)

R.T.: 10.872 min
Delta R.T.: -0.003 min
Response: 2817860
Conc: 19.10 ug/ml

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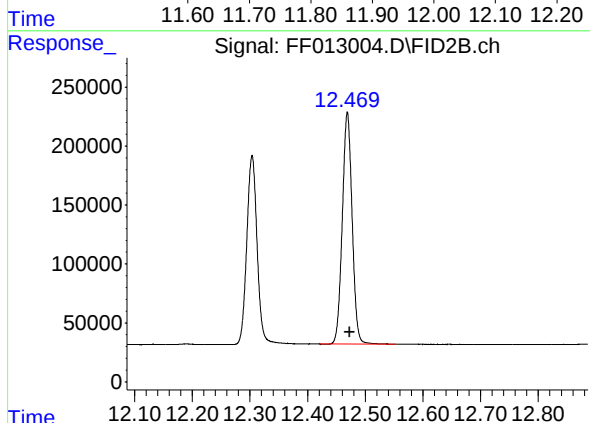
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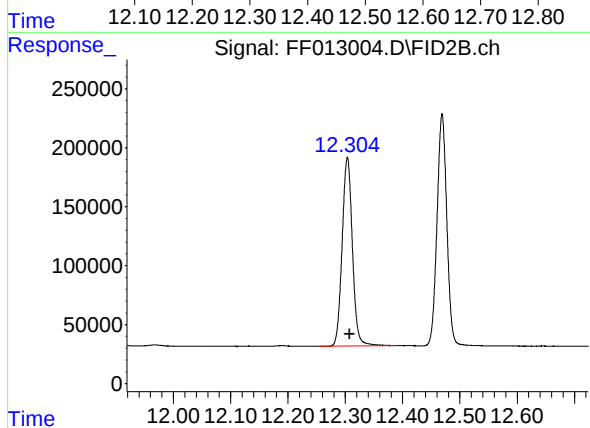
#10 n-Eicosane (C20)

R.T.: 11.860 min
Delta R.T.: -0.002 min
Response: 2369432
Conc: 18.99 ug/ml



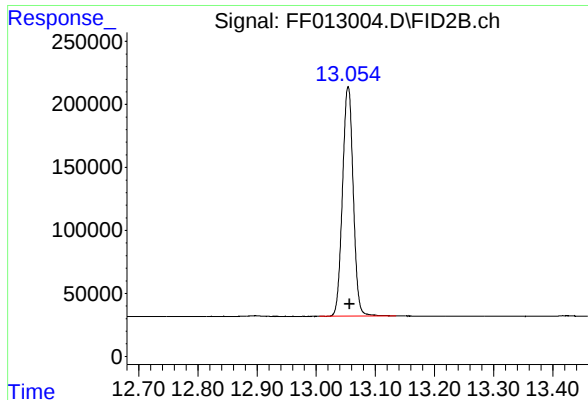
#11 n-Heneicosane (C21)

R.T.: 12.469 min
Delta R.T.: -0.003 min
Response: 2332217
Conc: 19.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.304 min
Delta R.T.: -0.003 min
Response: 1994137
Conc: 18.82 ug/ml



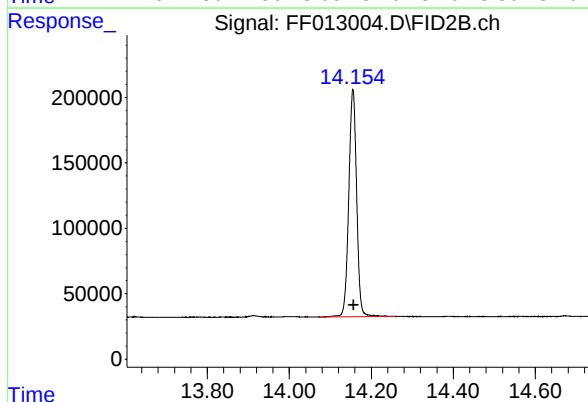
#13 n-Docosane (C22)

R.T.: 13.054 min
Delta R.T.: -0.003 min
Response: 2298803
Conc: 18.76 ug/ml

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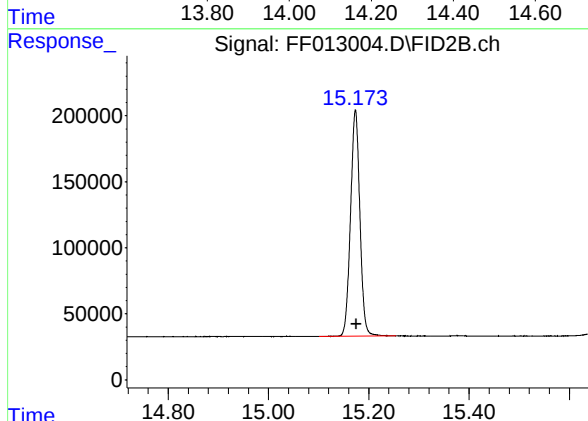
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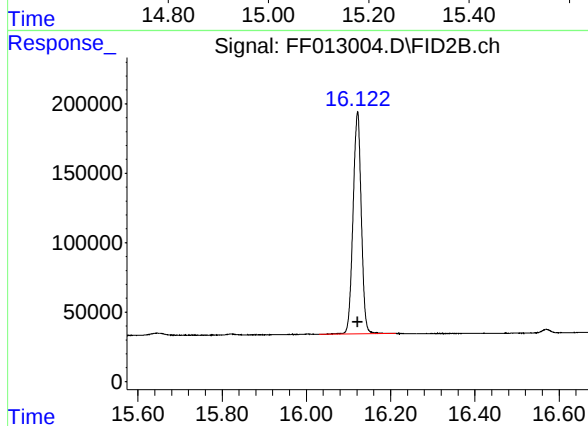
#14 n-Tetracosane (C24)

R.T.: 14.155 min
Delta R.T.: -0.002 min
Response: 2317847
Conc: 18.88 ug/ml



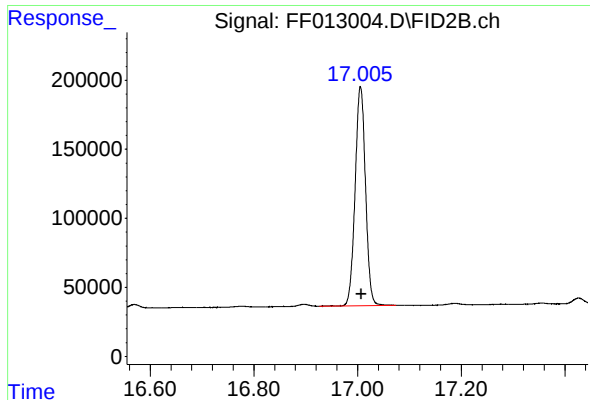
#15 n-Hexacosane (C26)

R.T.: 15.173 min
Delta R.T.: -0.001 min
Response: 2217396
Conc: 18.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.122 min
Delta R.T.: 0.000 min
Response: 2174766
Conc: 18.49 ug/ml



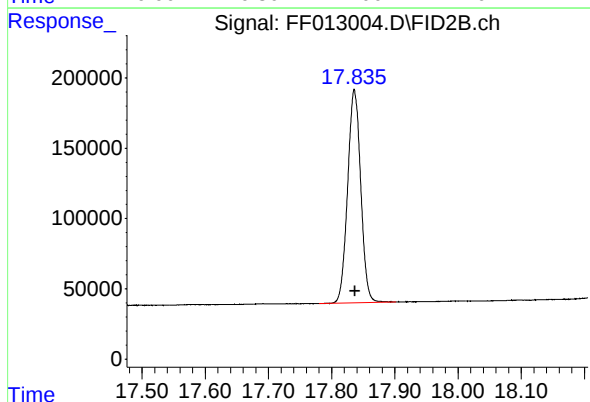
#17 n-Tricontane (C30)

R.T.: 17.006 min
Delta R.T.: -0.002 min
Response: 2208670
Conc: 18.55 ug/ml

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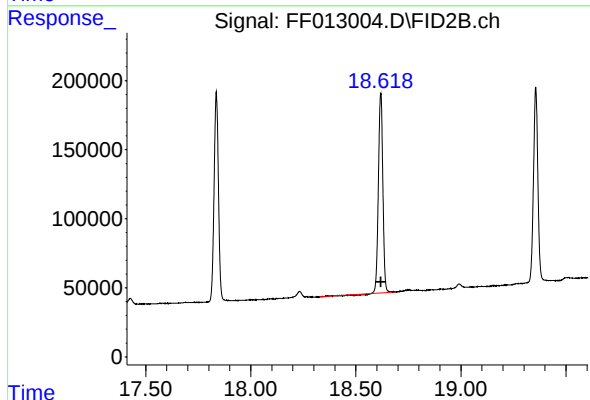
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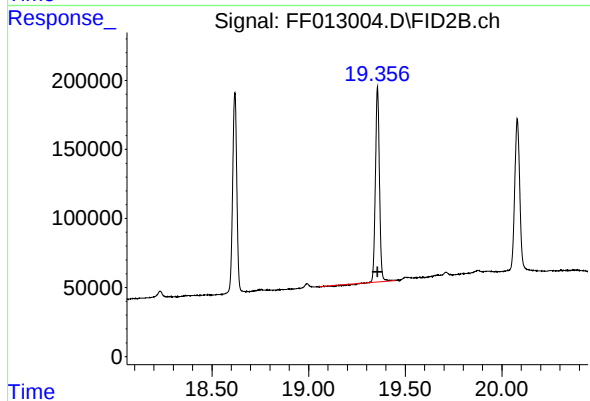
#18 n-Dotriacontane (C32)

R.T.: 17.836 min
Delta R.T.: 0.000 min
Response: 2182588
Conc: 18.67 ug/ml



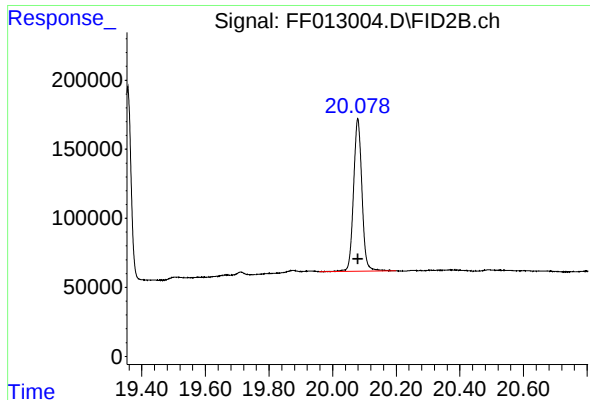
#19 n-Tetratriacontane (C34)

R.T.: 18.619 min
Delta R.T.: 0.000 min
Response: 2119504
Conc: 19.09 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.356 min
Delta R.T.: 0.000 min
Response: 2016521
Conc: 19.02 ug/ml



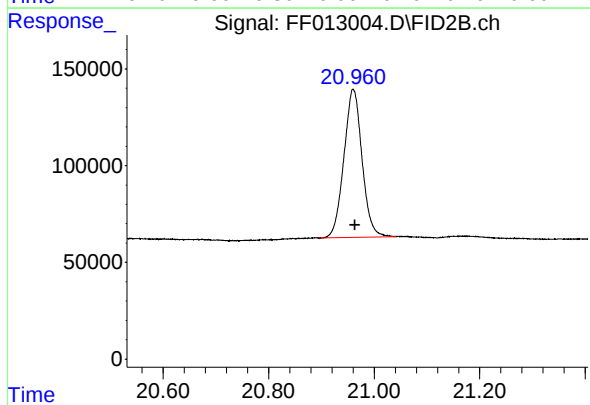
#21 n-Octatriacontane (C38)

R.T.: 20.079 min
Delta R.T.: -0.001 min
Response: 2037828
Conc: 19.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.960 min
Delta R.T.: -0.003 min
Response: 1826320
Conc: 18.85 ug/ml m