

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091824AL\
 Data File : FE050181.D
 Signal(s) : FID1B.ch
 Acq On : 18 Sep 2024 19:11
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/19/2024
 Supervised By :Ankita Jodhani 09/19/2024

Integration File: autoint1.e
 Quant Time: Sep 19 01:28:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 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)	11.874	2976517	20.006 ug/ml
Spiked Amount 50.000		Recovery =	40.01%
12) S 1-chlorooctadecane (S...	13.309	2271813	20.225 ug/ml
Spiked Amount 50.000		Recovery =	40.45%
Target Compounds			
1) T n-Nonane (C9)	3.261	2604798	19.217 ug/mlm
2) T n-Decane (C10)	4.513	2702483	19.582 ug/ml
3) T A~Naphthalene (C11.7)	6.222	2766043	19.762 ug/ml
4) T n-Dodecane (C12)	6.680	2732098	19.757 ug/ml
5) T A~2-methylnaphthalene...	7.318	2626451	19.982 ug/ml
6) T n-Tetradecane (C14)	8.507	2704306	19.860 ug/ml
7) T n-Hexadecane (C16)	10.113	2790386	20.089 ug/ml
8) T n-Octadecane (C18)	11.555	2809869	20.056 ug/ml
10) T n-Eicosane (C20)	12.863	2694695	20.088 ug/ml
11) T n-Heneicosane (C21)	13.475	2643569	20.119 ug/ml
13) T n-Docosane (C22)	14.060	2623982	20.151 ug/ml
14) T n-Tetracosane (C24)	15.162	2626807	20.115 ug/ml
15) T n-Hexacosane (C26)	16.182	2591229	20.254 ug/ml
16) T n-Octacosane (C28)	17.130	2651839	20.587 ug/ml
17) T n-Tricontane (C30)	18.017	2878992	21.530 ug/ml
18) T n-Dotriacontane (C32)	18.848	2907220	21.817 ug/ml
19) T n-Tetratriacontane (C34)	19.631	2678856	21.680 ug/ml
20) T n-Hexatriacontane (C36)	20.370	2445835	22.044 ug/mlm
21) T n-Octatriacontane (C38)	21.097	2282060	20.693 ug/ml
22) T n-Tetracontane (C40)	21.990	2010539	18.477 ug/mlm

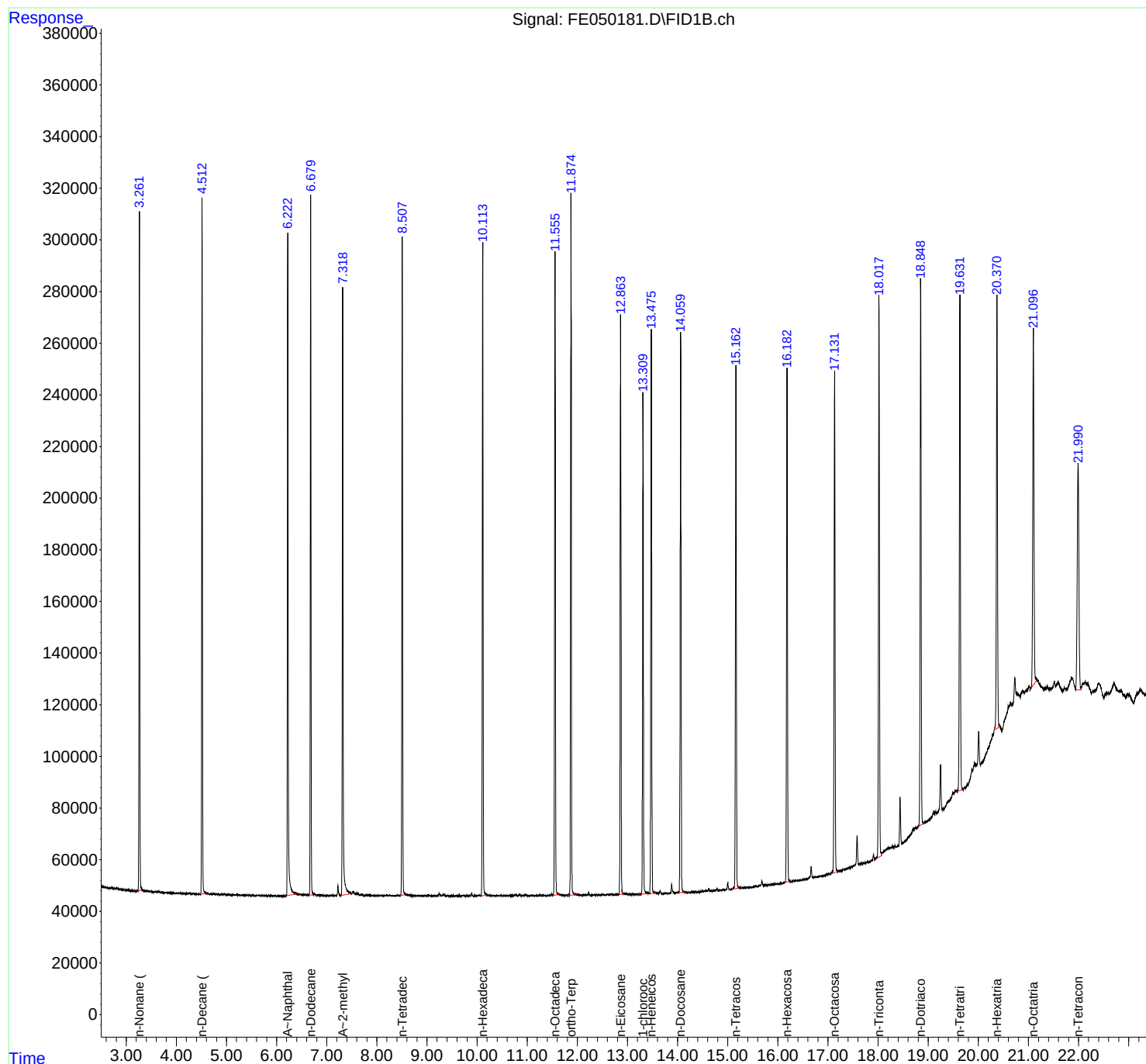
(f)=RT Delta > 1/2 Window

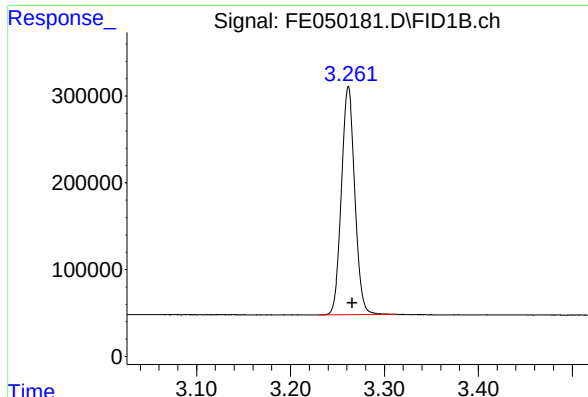
(m)=manual int.

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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





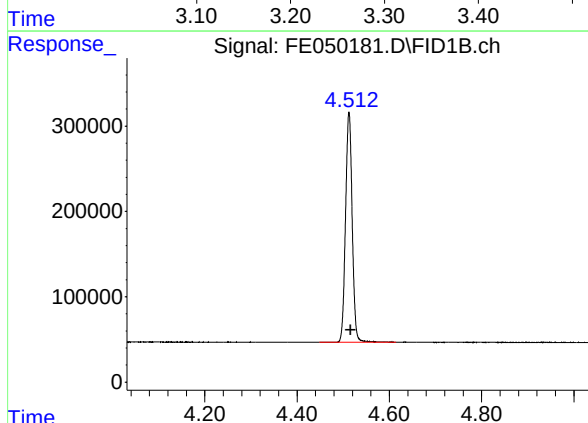
#1 n-Nonane (C9)

R.T.: 3.261 min
Delta R.T.: -0.005 min
Response: 2604798
Conc: 19.22 ug/ml

Instrument : FID_E
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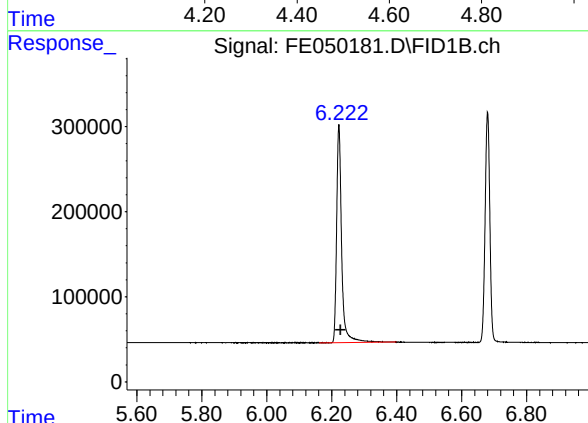
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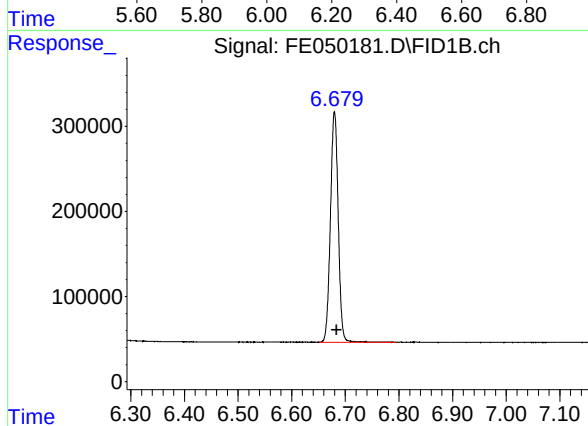
#2 n-Decane (C10)

R.T.: 4.513 min
Delta R.T.: -0.004 min
Response: 2702483
Conc: 19.58 ug/ml



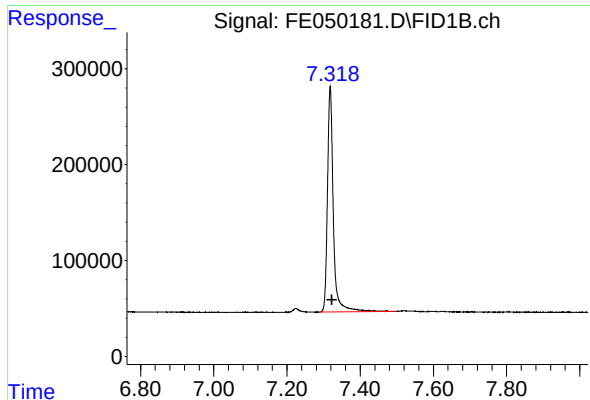
#3 A~Naphthalene (C11.7)

R.T.: 6.222 min
Delta R.T.: -0.005 min
Response: 2766043
Conc: 19.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.680 min
Delta R.T.: -0.004 min
Response: 2732098
Conc: 19.76 ug/ml



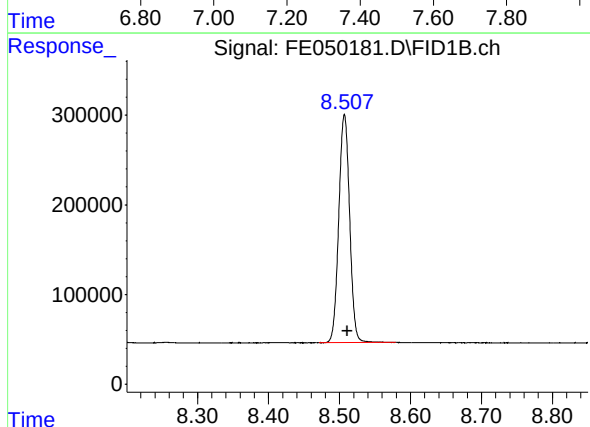
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.318 min
Delta R.T.: -0.005 min
Response: 2626451
Conc: 19.98 ug/ml

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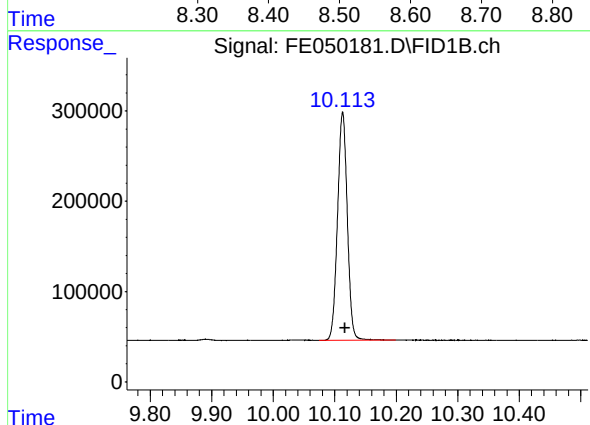
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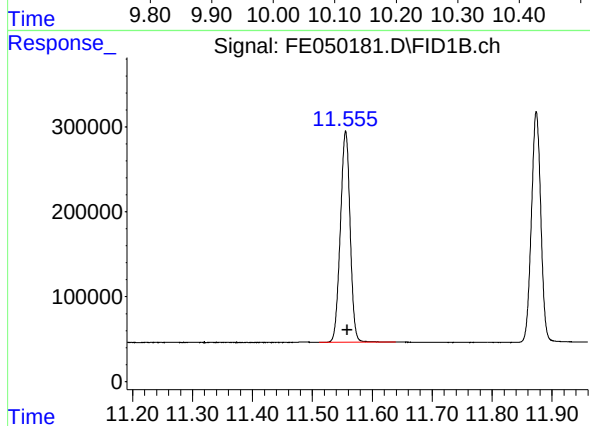
#6 n-Tetradecane (C14)

R.T.: 8.507 min
Delta R.T.: -0.004 min
Response: 2704306
Conc: 19.86 ug/ml



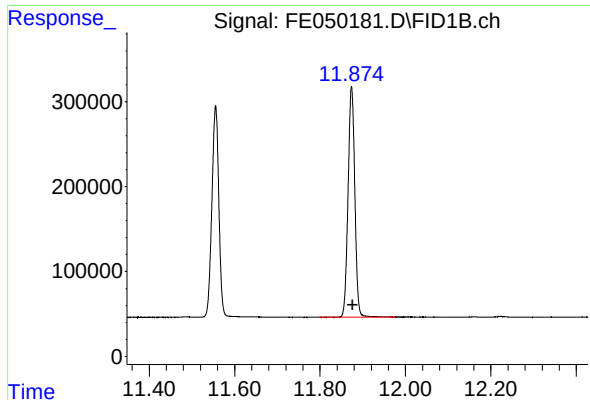
#7 n-Hexadecane (C16)

R.T.: 10.113 min
Delta R.T.: -0.004 min
Response: 2790386
Conc: 20.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.555 min
Delta R.T.: -0.003 min
Response: 2809869
Conc: 20.06 ug/ml



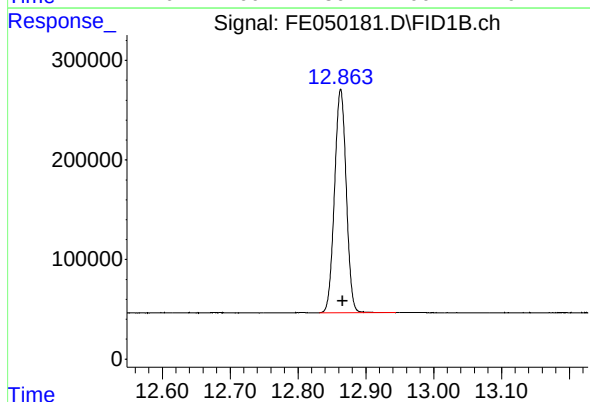
#9 ortho-Terphenyl (SURR)

R.T.: 11.874 min
Delta R.T.: -0.002 min
Response: 2976517
Conc: 20.01 ug/ml

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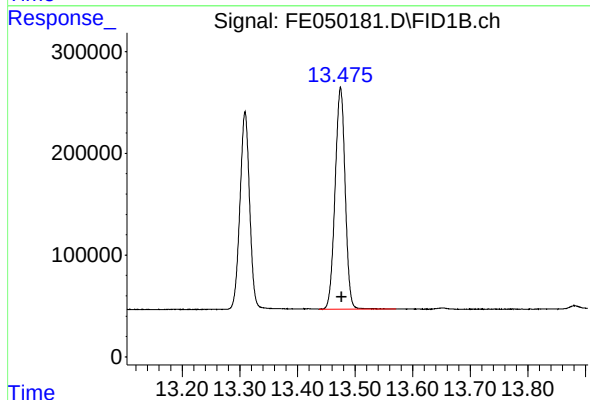
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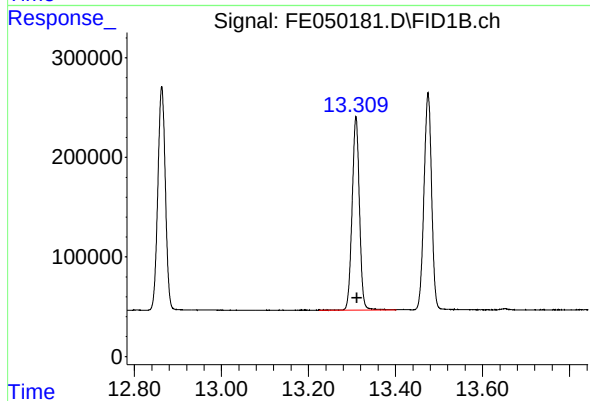
#10 n-Eicosane (C20)

R.T.: 12.863 min
Delta R.T.: -0.003 min
Response: 2694695
Conc: 20.09 ug/ml



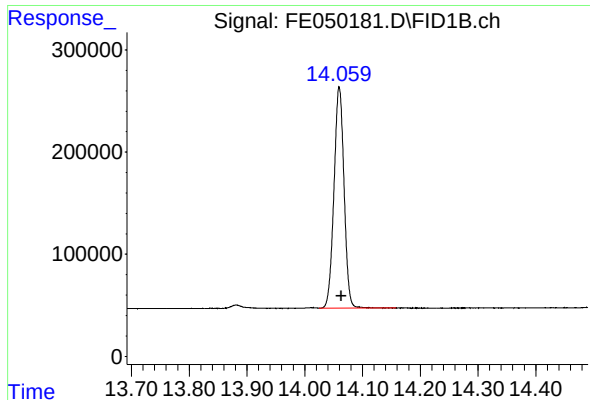
#11 n-Heneicosane (C21)

R.T.: 13.475 min
Delta R.T.: -0.002 min
Response: 2643569
Conc: 20.12 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.309 min
Delta R.T.: -0.002 min
Response: 2271813
Conc: 20.22 ug/ml



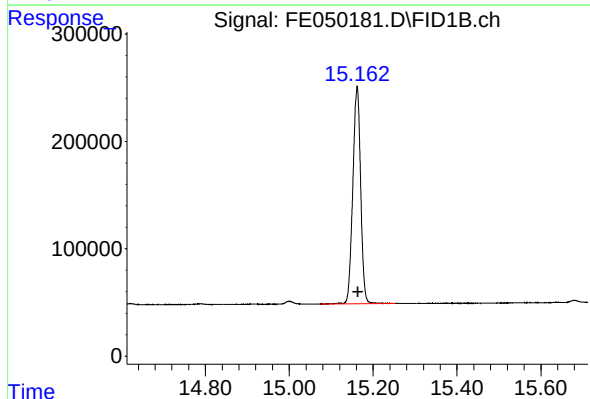
#13 n-Docosane (C22)

R.T.: 14.060 min
Delta R.T.: -0.003 min
Response: 2623982
Conc: 20.15 ug/ml

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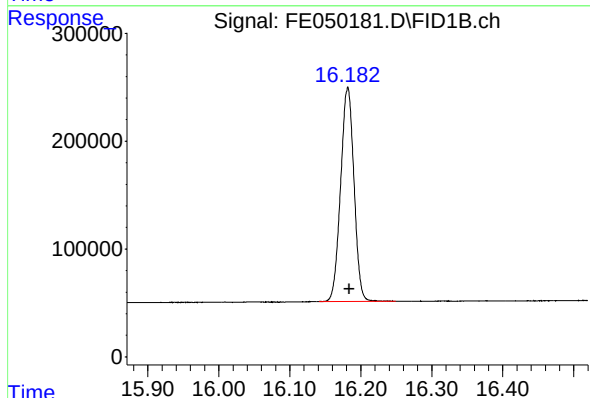
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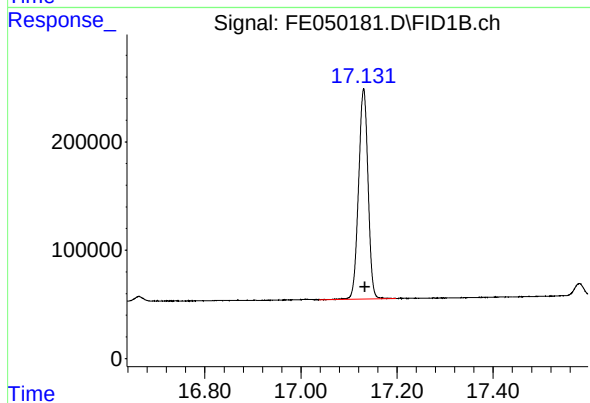
#14 n-Tetracosane (C24)

R.T.: 15.162 min
Delta R.T.: -0.003 min
Response: 2626807
Conc: 20.11 ug/ml



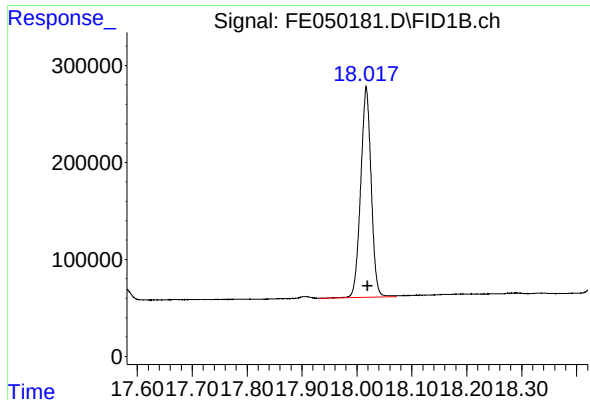
#15 n-Hexacosane (C26)

R.T.: 16.182 min
Delta R.T.: -0.002 min
Response: 2591229
Conc: 20.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.130 min
Delta R.T.: -0.003 min
Response: 2651839
Conc: 20.59 ug/ml



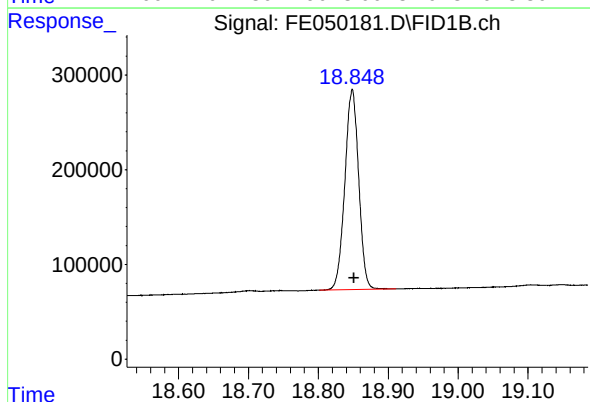
#17 n-Tricontane (C30)

R.T.: 18.017 min
Delta R.T.: -0.003 min
Response: 2878992
Conc: 21.53 ug/ml

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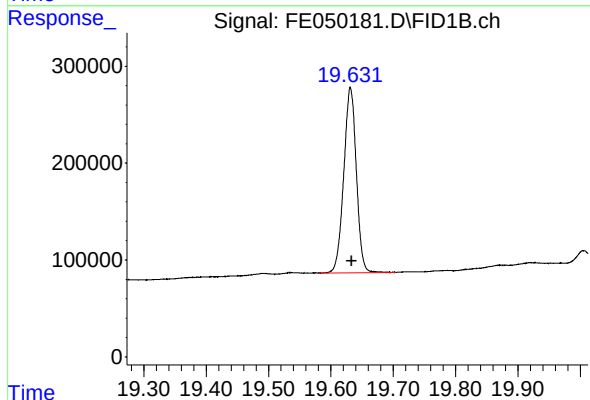
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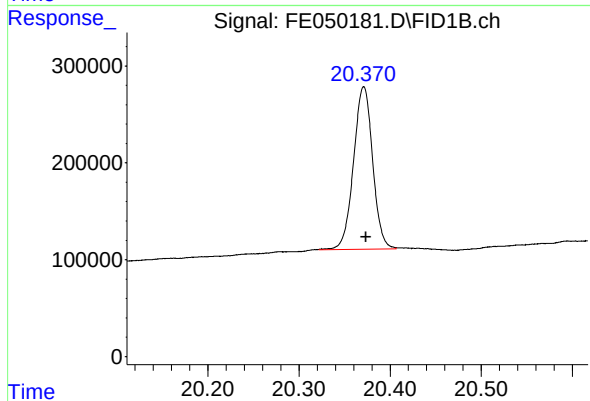
#18 n-Dotriacontane (C32)

R.T.: 18.848 min
Delta R.T.: -0.003 min
Response: 2907220
Conc: 21.82 ug/ml



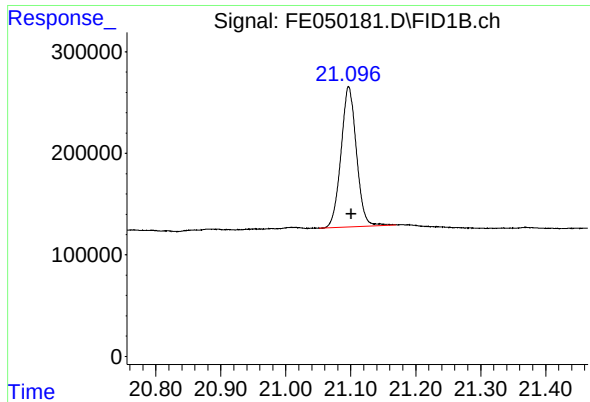
#19 n-Tetatriacontane (C34)

R.T.: 19.631 min
Delta R.T.: -0.002 min
Response: 2678856
Conc: 21.68 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.370 min
Delta R.T.: -0.003 min
Response: 2445835
Conc: 22.04 ug/ml m



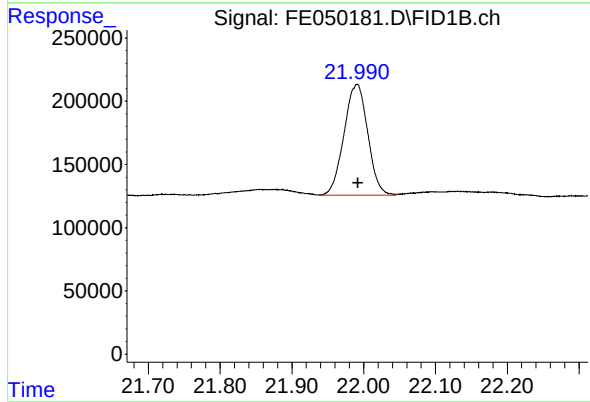
#21 n-Octatriacontane (C38)

R.T.: 21.097 min
Delta R.T.: -0.004 min
Response: 2282060
Conc: 20.69 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.990 min
Delta R.T.: -0.002 min
Response: 2010539
Conc: 18.48 ug/ml m