

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF062723AL\
 Data File : FF013037.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2023 15:07
 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 06/28/2023
 Supervised By :Ankita Jodhani 06/28/2023

Integration File: autoint1.e
 Quant Time: Jun 28 00:26:40 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)	10.868	3196081	21.661 ug/ml
Spiked Amount 50.000		Recovery =	43.32%
12) S 1-chlorooctadecane (S...	12.299	2355473	22.233 ug/ml
Spiked Amount 50.000		Recovery =	44.47%
Target Compounds			
1) T n-Nonane (C9)	2.742	2473972	20.959 ug/ml
2) T n-Decane (C10)	3.746	2513574	21.103 ug/ml
3) T A~Naphthalene (C11.7)	5.310	2641025	21.475 ug/ml
4) T n-Dodecane (C12)	5.728	2586590	21.436 ug/ml
5) T A~2-methylnaphthalene...	6.359	2462107	22.098 ug/ml
6) T n-Tetradecane (C14)	7.515	2567787	21.905 ug/ml
7) T n-Hexadecane (C16)	9.111	2687419	22.026 ug/ml
8) T n-Octadecane (C18)	10.549	2766735	21.762 ug/ml
10) T n-Eicosane (C20)	11.855	2699835	21.638 ug/ml
11) T n-Heneicosane (C21)	12.464	2656523	21.667 ug/ml
13) T n-Docosane (C22)	13.049	2637436	21.528 ug/ml
14) T n-Tetracosane (C24)	14.149	2608753	21.255 ug/ml
15) T n-Hexacosane (C26)	15.167	2529514	21.027 ug/ml
16) T n-Octacosane (C28)	16.115	2420894	20.587 ug/ml
17) T n-Tricontane (C30)	17.000	2388224	20.053 ug/ml
18) T n-Dotriacontane (C32)	17.832	2345833	20.062 ug/ml
19) T n-Tetratriacontane (C34)	18.612	2250676	20.271 ug/ml
20) T n-Hexatriacontane (C36)	19.351	2173760	20.506 ug/mlm
21) T n-Octatriacontane (C38)	20.071	2138741	20.467 ug/mlm
22) T n-Tetracontane (C40)	20.949	2163004	22.326 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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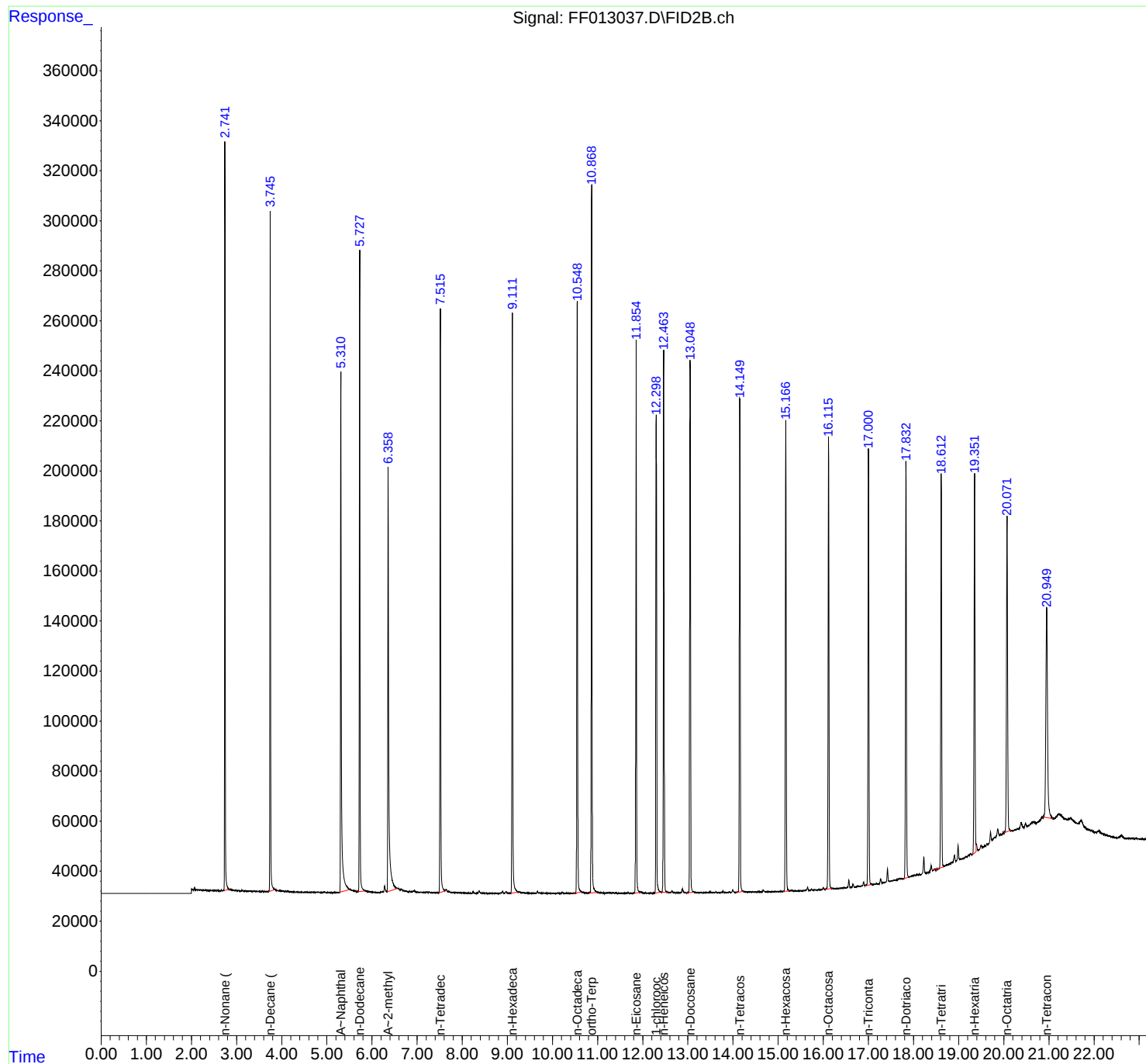
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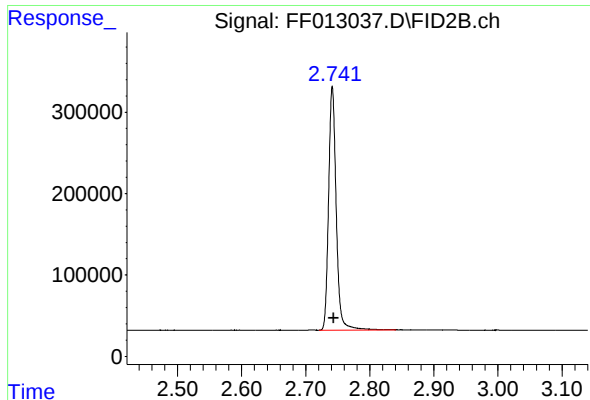
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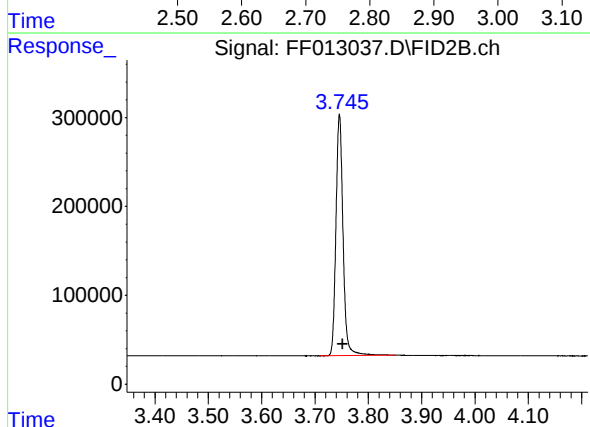
#1 n-Nonane (C9)

R.T.: 2.742 min
Delta R.T.: -0.002 min
Response: 2473972
Conc: 20.96 ug/ml

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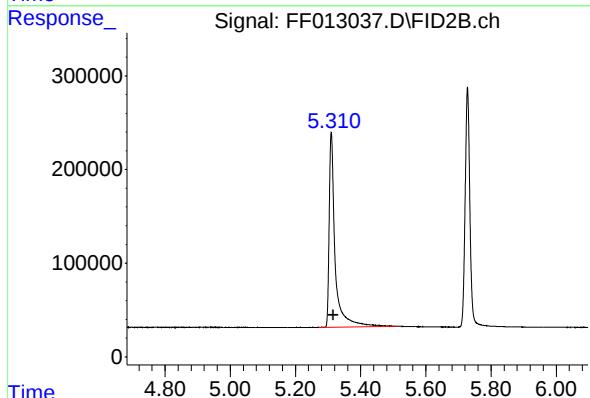
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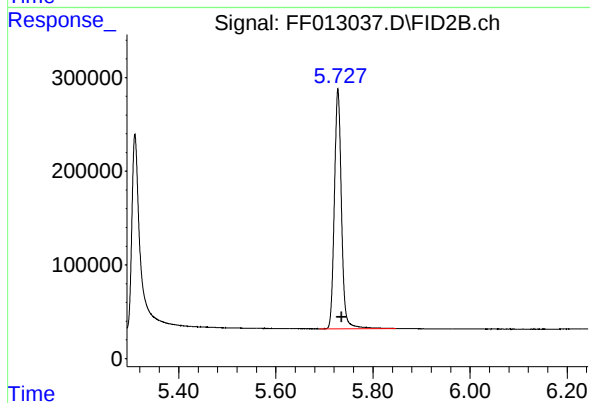
#2 n-Decane (C10)

R.T.: 3.746 min
Delta R.T.: -0.006 min
Response: 2513574
Conc: 21.10 ug/ml



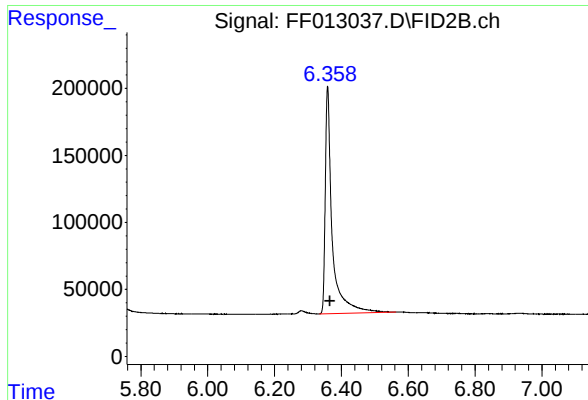
#3 A~Naphthalene (C11.7)

R.T.: 5.310 min
Delta R.T.: -0.007 min
Response: 2641025
Conc: 21.48 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.728 min
Delta R.T.: -0.008 min
Response: 2586590
Conc: 21.44 ug/ml



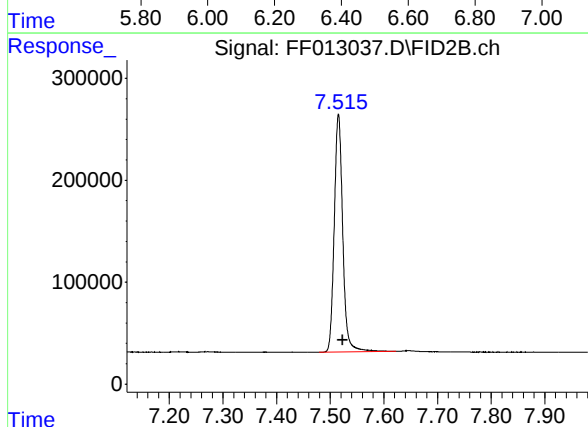
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.359 min
Delta R.T.: -0.007 min
Response: 2462107
Conc: 22.10 ug/ml

Instrument :
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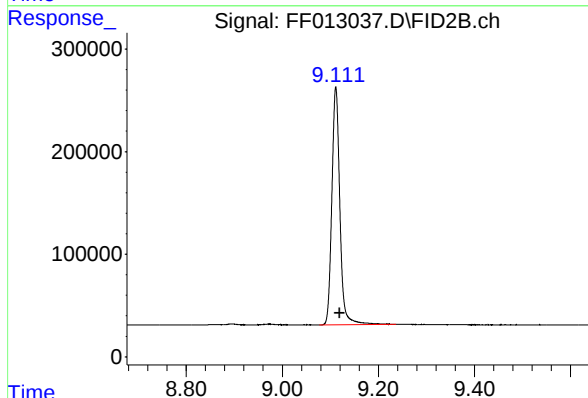
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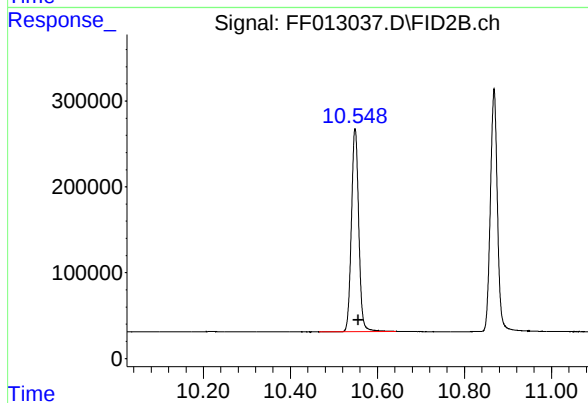
#6 n-Tetradecane (C14)

R.T.: 7.515 min
Delta R.T.: -0.008 min
Response: 2567787
Conc: 21.90 ug/ml



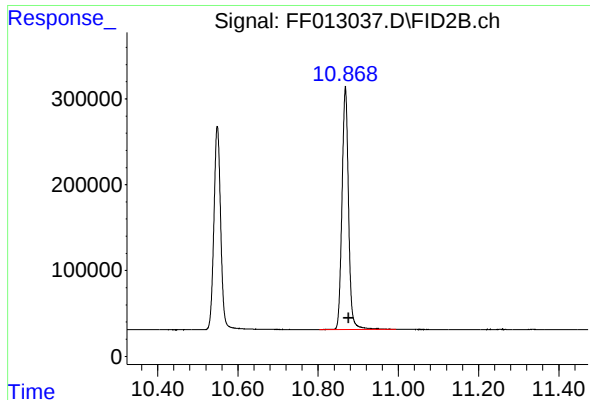
#7 n-Hexadecane (C16)

R.T.: 9.111 min
Delta R.T.: -0.008 min
Response: 2687419
Conc: 22.03 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.549 min
Delta R.T.: -0.008 min
Response: 2766735
Conc: 21.76 ug/ml



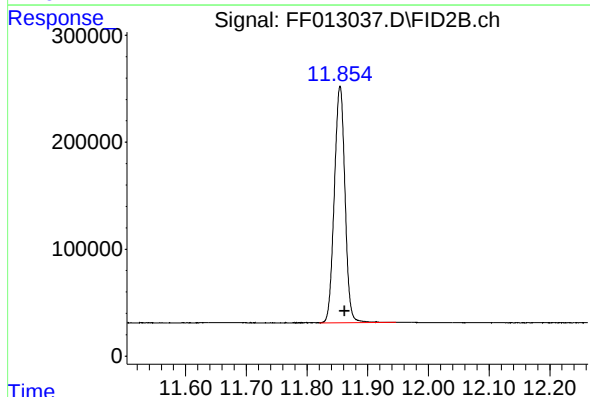
#9 ortho-Terphenyl (SURR)

R.T.: 10.868 min
Delta R.T.: -0.008 min
Response: 3196081
Conc: 21.66 ug/ml

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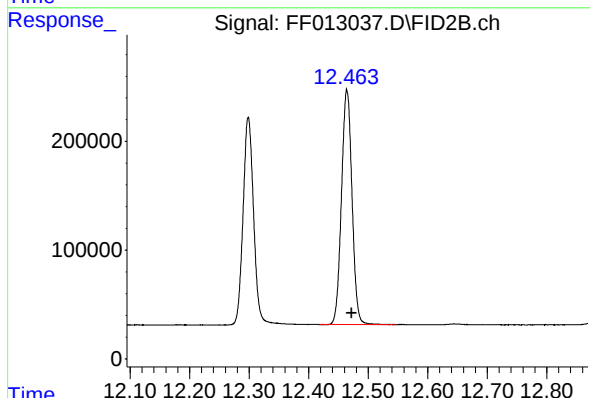
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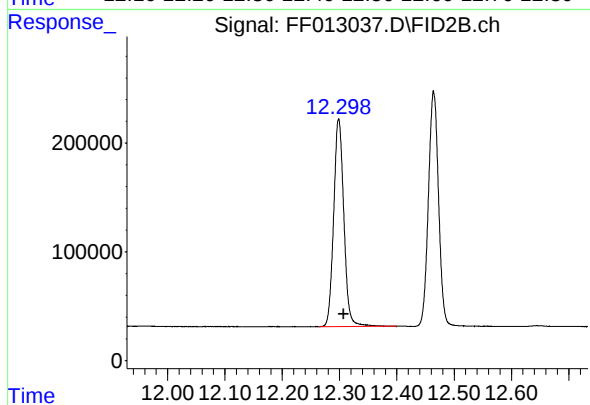
#10 n-Eicosane (C20)

R.T.: 11.855 min
Delta R.T.: -0.007 min
Response: 2699835
Conc: 21.64 ug/ml



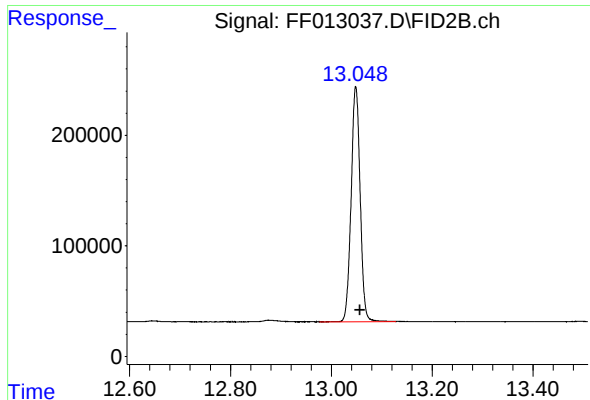
#11 n-Heneicosane (C21)

R.T.: 12.464 min
Delta R.T.: -0.008 min
Response: 2656523
Conc: 21.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.299 min
Delta R.T.: -0.009 min
Response: 2355473
Conc: 22.23 ug/ml



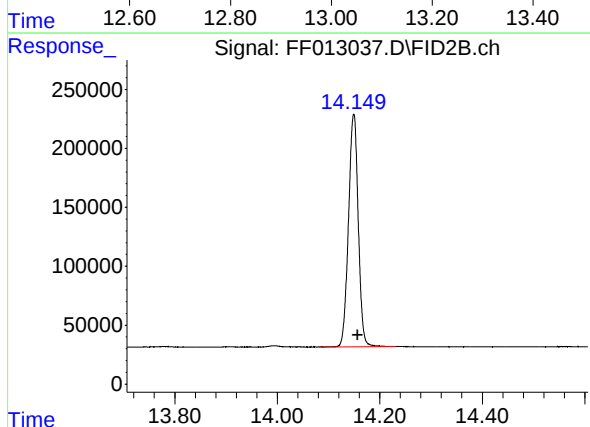
#13 n-Docosane (C22)

R.T.: 13.049 min
Delta R.T.: -0.008 min
Response: 2637436
Conc: 21.53 ug/ml

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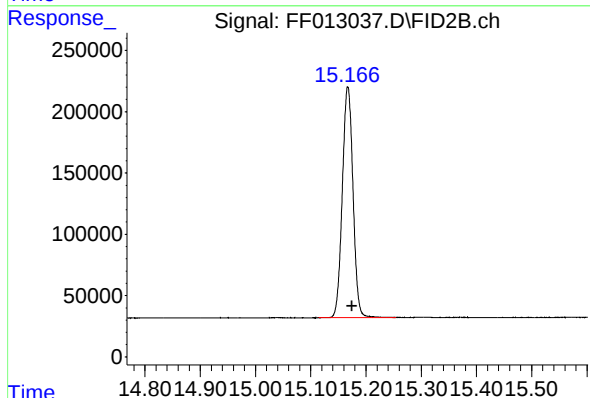
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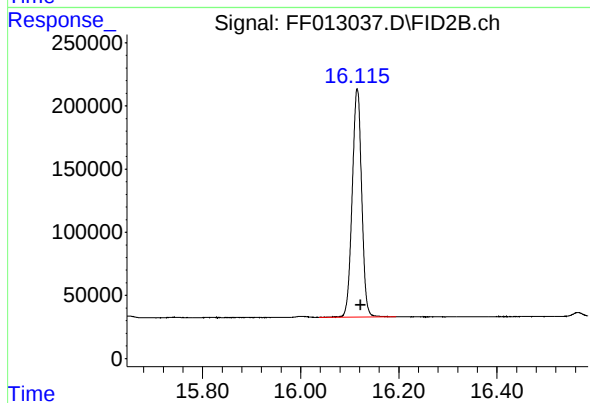
#14 n-Tetracosane (C24)

R.T.: 14.149 min
Delta R.T.: -0.008 min
Response: 2608753
Conc: 21.25 ug/ml



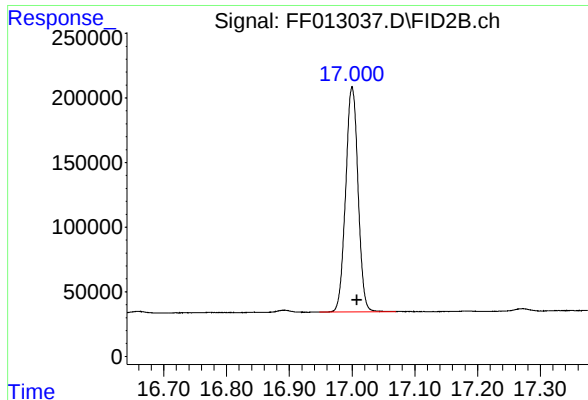
#15 n-Hexacosane (C26)

R.T.: 15.167 min
Delta R.T.: -0.007 min
Response: 2529514
Conc: 21.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.115 min
Delta R.T.: -0.007 min
Response: 2420894
Conc: 20.59 ug/ml



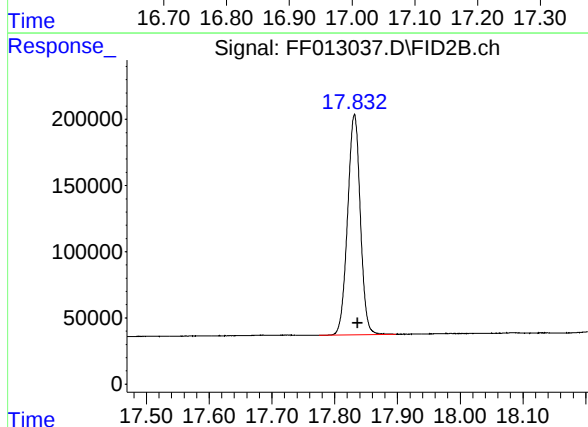
#17 n-Tricontane (C30)

R.T.: 17.000 min
Delta R.T.: -0.007 min
Response: 2388224
Conc: 20.05 ug/ml

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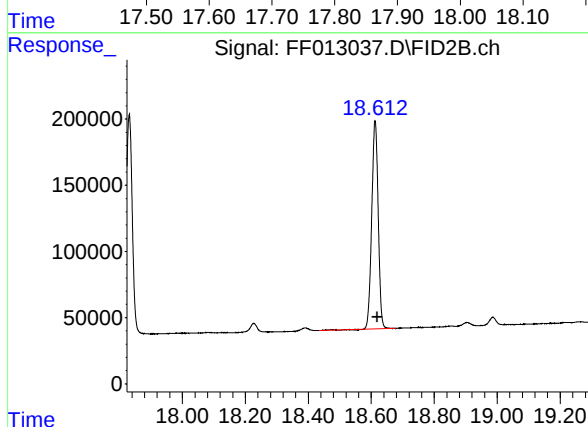
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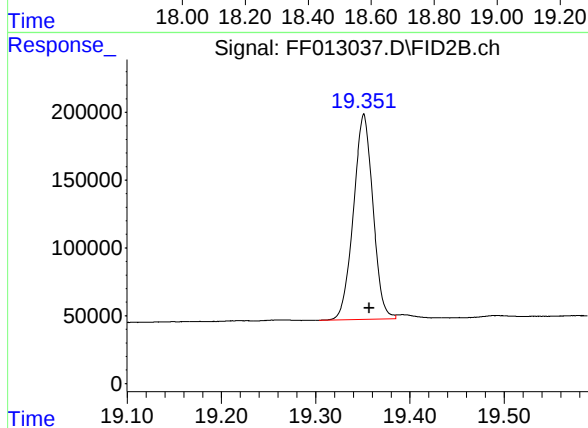
#18 n-Dotriacontane (C32)

R.T.: 17.832 min
Delta R.T.: -0.005 min
Response: 2345833
Conc: 20.06 ug/ml



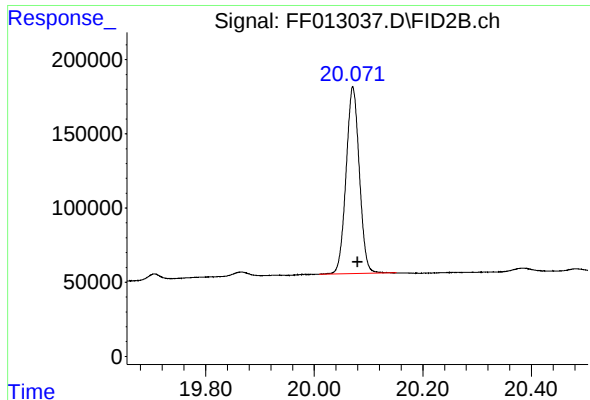
#19 n-Tetratriacontane (C34)

R.T.: 18.612 min
Delta R.T.: -0.007 min
Response: 2250676
Conc: 20.27 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.351 min
Delta R.T.: -0.006 min
Response: 2173760
Conc: 20.51 ug/ml m



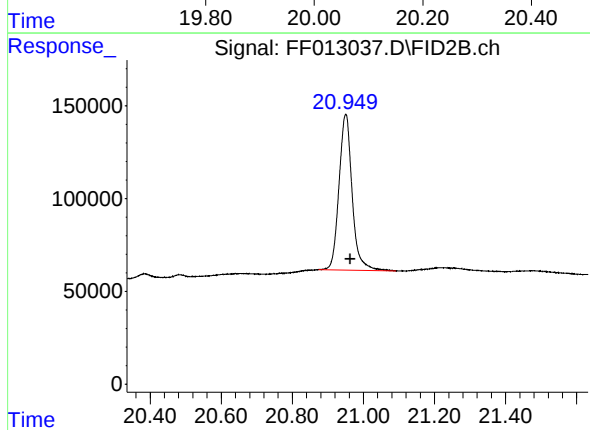
#21 n-Octatriacontane (C38)

R.T.: 20.071 min
Delta R.T.: -0.010 min
Response: 2138741
Conc: 20.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.949 min
Delta R.T.: -0.014 min
Response: 2163004
Conc: 22.33 ug/ml m