

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF062723AL\
 Data File : FF013026.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2023 09:09
 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 27 11:09:21 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)	10.870	3355714	22.743 ug/ml
Spiked Amount 50.000		Recovery =	45.49%
12) S 1-chlorooctadecane (S...	12.302	2532766	23.906 ug/ml
Spiked Amount 50.000		Recovery =	47.81%
Target Compounds			
1) T n-Nonane (C9)	2.742	2609742	22.109 ug/ml
2) T n-Decane (C10)	3.747	2641886	22.180 ug/ml
3) T A~Naphthalene (C11.7)	5.311	2781977	22.621 ug/ml
4) T n-Dodecane (C12)	5.730	2692255	22.312 ug/ml
5) T A~2-methylnaphthalene...	6.359	2604117	23.373 ug/ml
6) T n-Tetradecane (C14)	7.517	2656107	22.658 ug/ml
7) T n-Hexadecane (C16)	9.113	2772560	22.724 ug/ml
8) T n-Octadecane (C18)	10.550	2896233	22.781 ug/ml
10) T n-Eicosane (C20)	11.856	2872165	23.019 ug/ml
11) T n-Heneicosane (C21)	12.468	2855339	23.288 ug/ml
13) T n-Docosane (C22)	13.052	2859824	23.343 ug/ml
14) T n-Tetracosane (C24)	14.152	2878895	23.456 ug/ml
15) T n-Hexacosane (C26)	15.170	2821625	23.455 ug/ml
16) T n-Octacosane (C28)	16.117	2732925	23.241 ug/ml
17) T n-Tricontane (C30)	17.002	2685274	22.548 ug/ml
18) T n-Dotriacontane (C32)	17.833	2547467	21.786 ug/ml
19) T n-Tetratriacontane (C34)	18.615	2401140	21.626 ug/ml
20) T n-Hexatriacontane (C36)	19.352	2271099	21.424 ug/ml
21) T n-Octatriacontane (C38)	20.073	2251622	21.548 ug/mlm
22) T n-Tetracontane (C40)	20.954	2081220	21.482 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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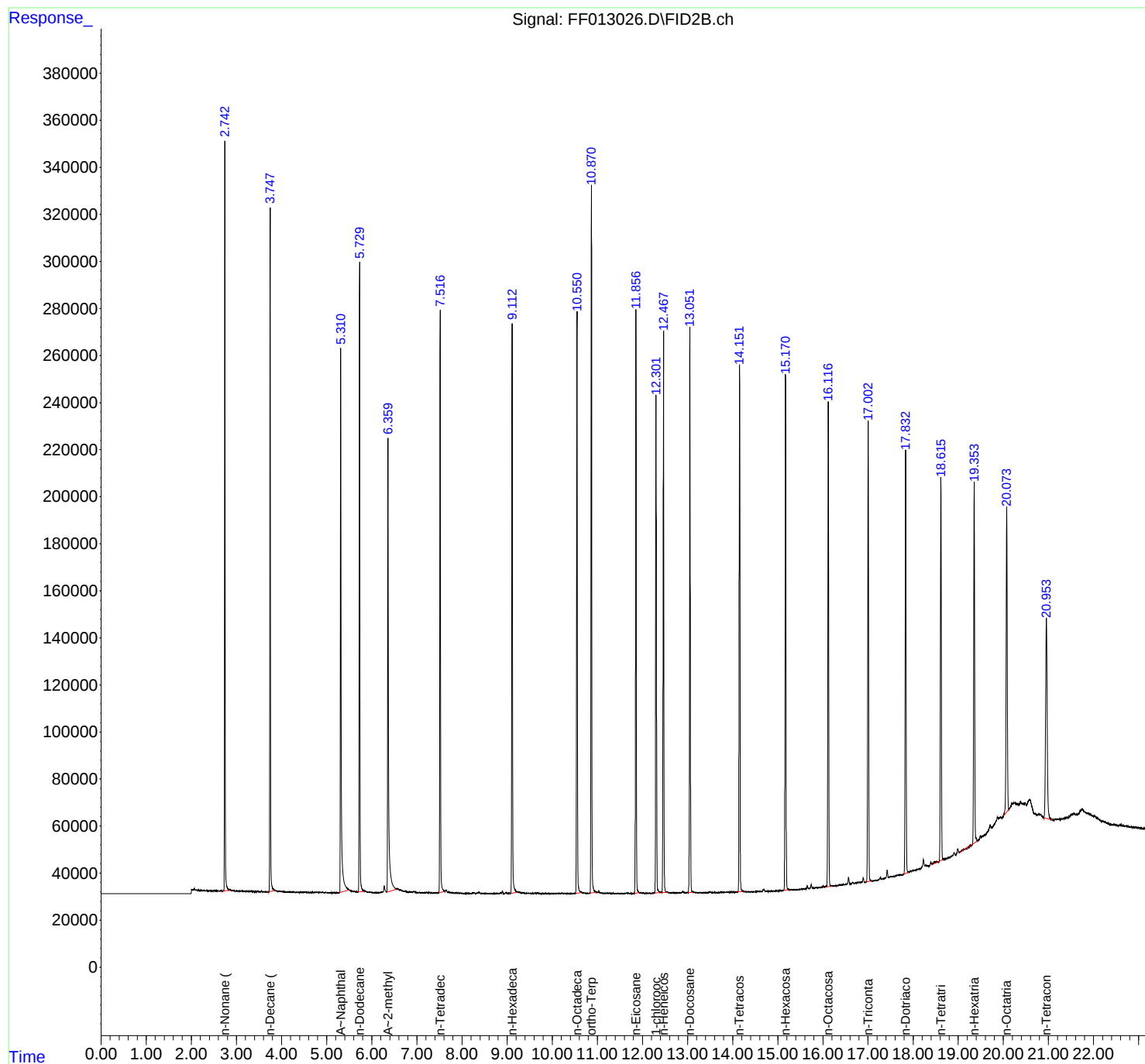
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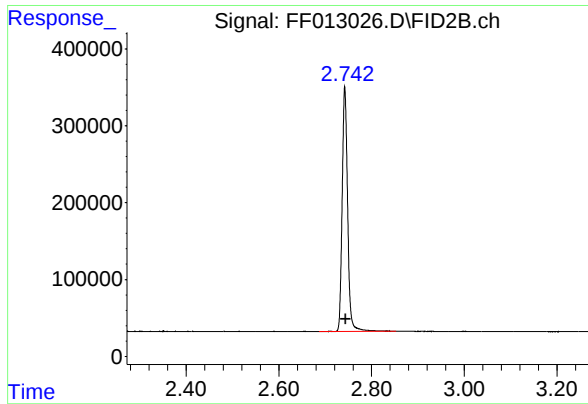
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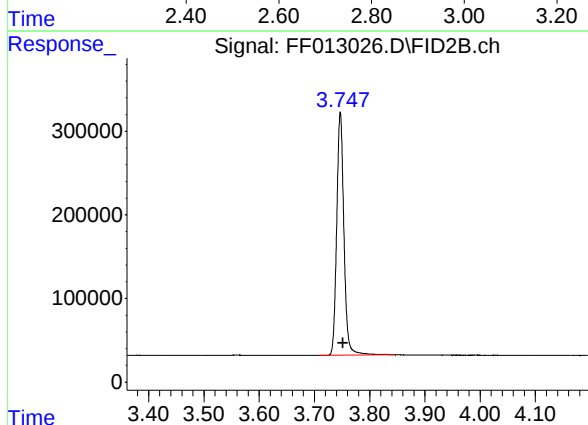
#1 n-Nonane (C9)

R.T.: 2.742 min
Delta R.T.: -0.002 min
Response: 2609742
Conc: 22.11 ug/ml

Instrument : FID_F
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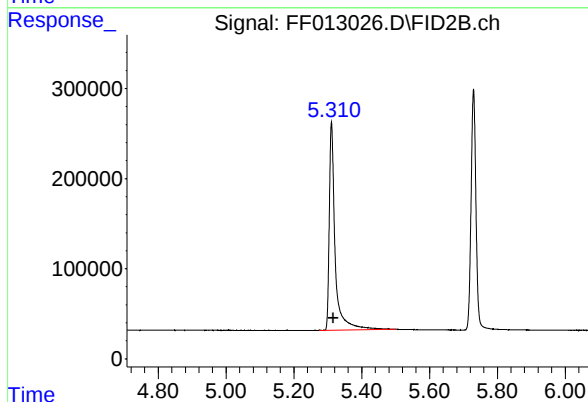
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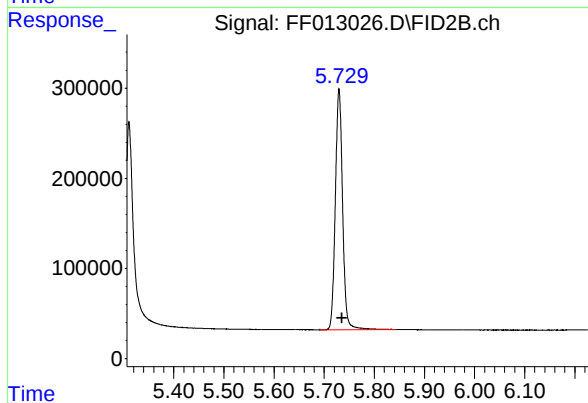
#2 n-Decane (C10)

R.T.: 3.747 min
Delta R.T.: -0.005 min
Response: 2641886
Conc: 22.18 ug/ml



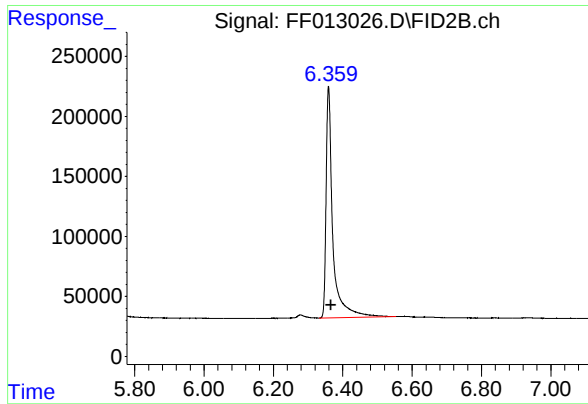
#3 A~Naphthalene (C11.7)

R.T.: 5.311 min
Delta R.T.: -0.006 min
Response: 2781977
Conc: 22.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.730 min
Delta R.T.: -0.006 min
Response: 2692255
Conc: 22.31 ug/ml



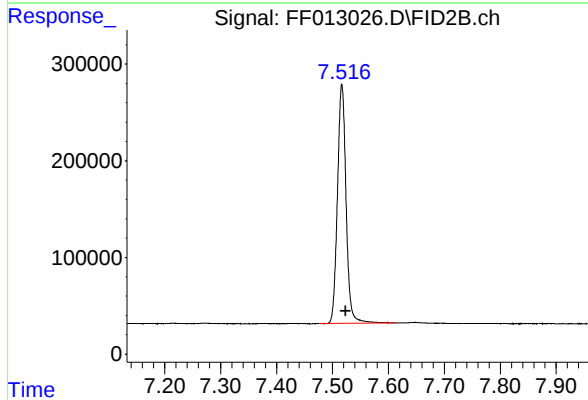
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.359 min
Delta R.T.: -0.007 min
Response: 2604117
Conc: 23.37 ug/ml

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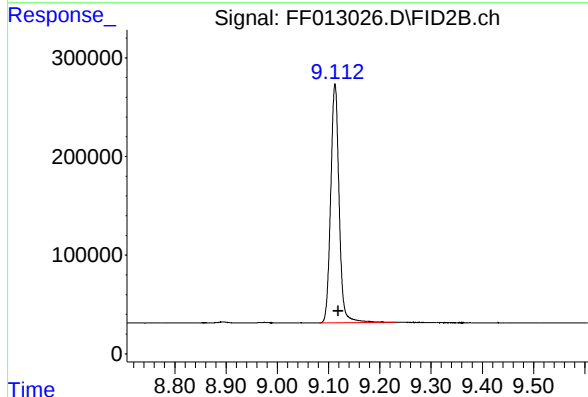
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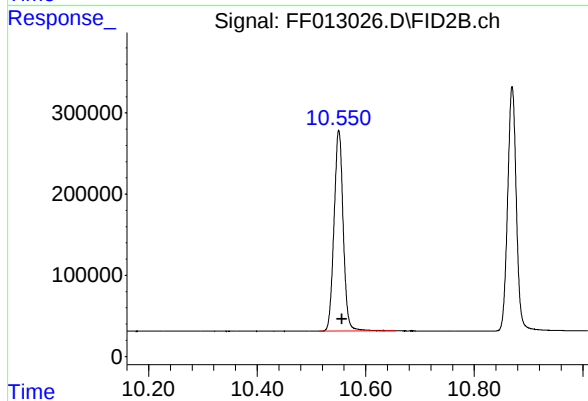
#6 n-Tetradecane (C14)

R.T.: 7.517 min
Delta R.T.: -0.007 min
Response: 2656107
Conc: 22.66 ug/ml



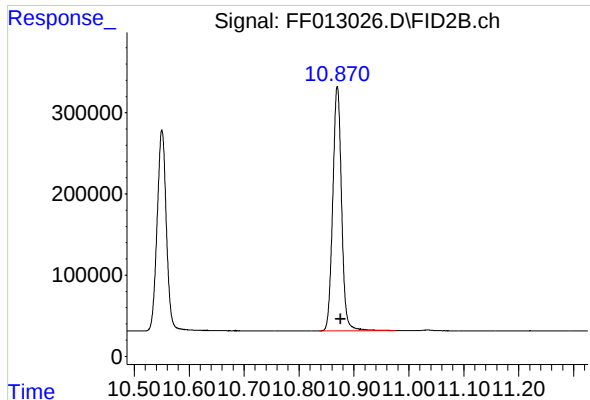
#7 n-Hexadecane (C16)

R.T.: 9.113 min
Delta R.T.: -0.006 min
Response: 2772560
Conc: 22.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.550 min
Delta R.T.: -0.006 min
Response: 2896233
Conc: 22.78 ug/ml



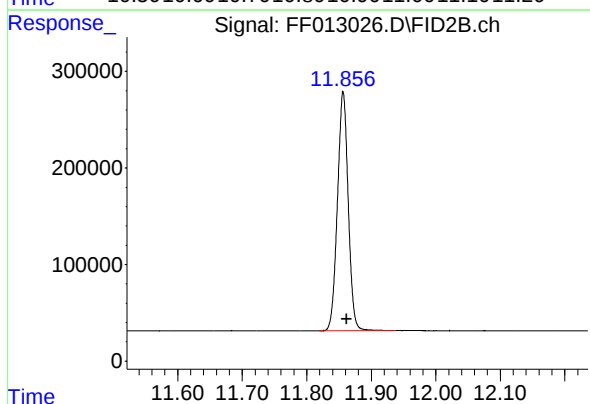
#9 ortho-Terphenyl (SURR)

R.T.: 10.870 min
Delta R.T.: -0.006 min
Response: 3355714
Conc: 22.74 ug/ml

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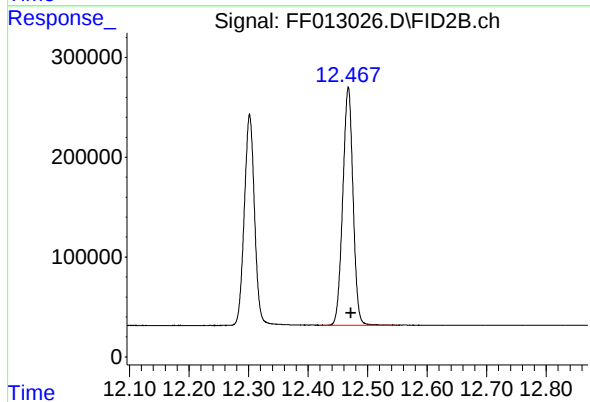
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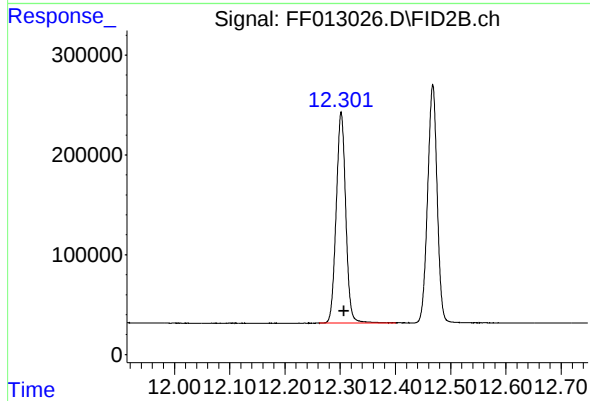
#10 n-Eicosane (C20)

R.T.: 11.856 min
Delta R.T.: -0.005 min
Response: 2872165
Conc: 23.02 ug/ml



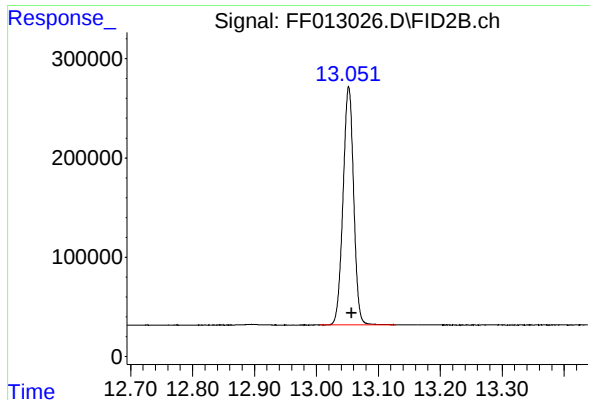
#11 n-Heneicosane (C21)

R.T.: 12.468 min
Delta R.T.: -0.005 min
Response: 2855339
Conc: 23.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.302 min
Delta R.T.: -0.005 min
Response: 2532766
Conc: 23.91 ug/ml



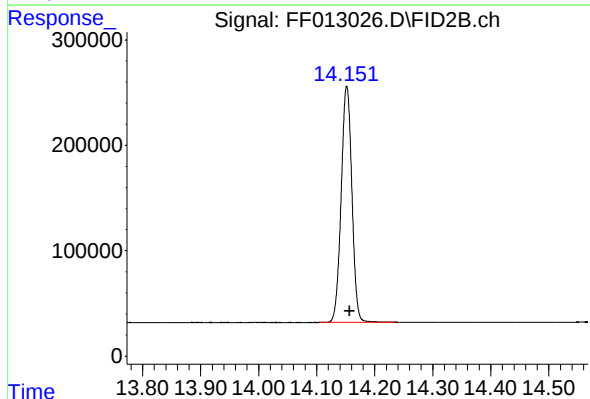
#13 n-Docosane (C22)

R.T.: 13.052 min
Delta R.T.: -0.005 min
Response: 2859824
Conc: 23.34 ug/ml

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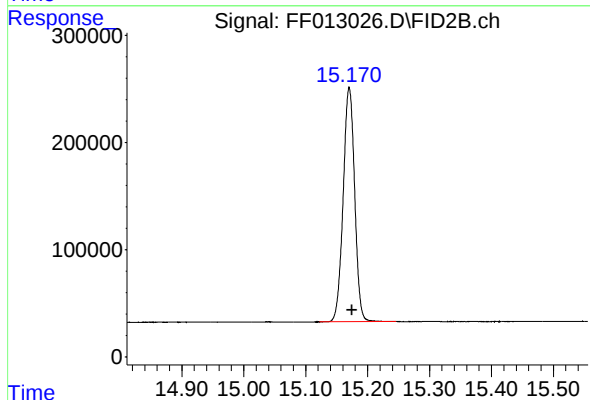
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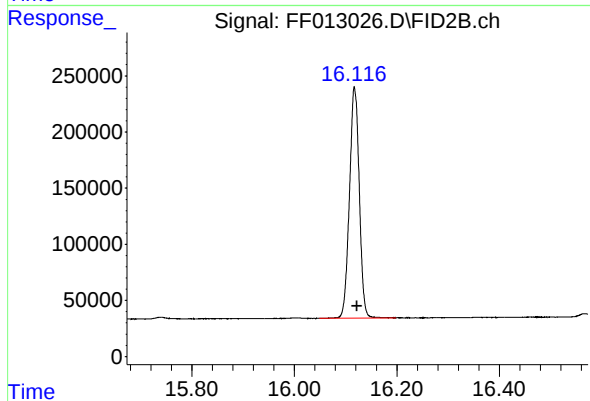
#14 n-Tetracosane (C24)

R.T.: 14.152 min
Delta R.T.: -0.005 min
Response: 2878895
Conc: 23.46 ug/ml



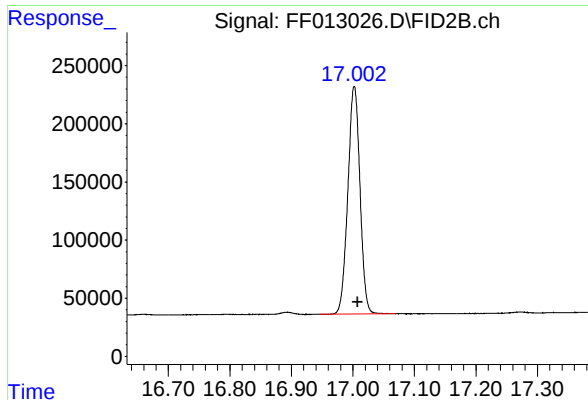
#15 n-Hexacosane (C26)

R.T.: 15.170 min
Delta R.T.: -0.004 min
Response: 2821625
Conc: 23.45 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.117 min
Delta R.T.: -0.005 min
Response: 2732925
Conc: 23.24 ug/ml



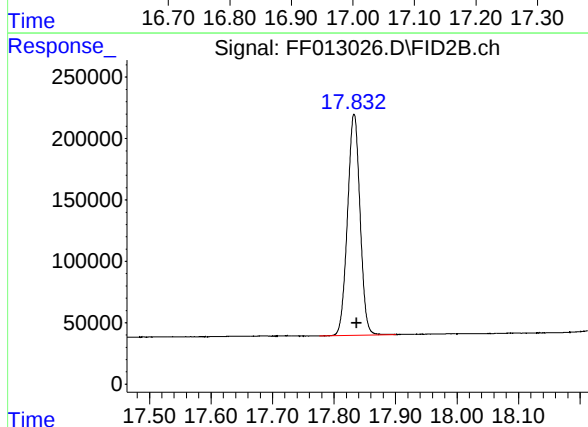
#17 n-Tricontane (C30)

R.T.: 17.002 min
Delta R.T.: -0.005 min
Response: 2685274
Conc: 22.55 ug/ml

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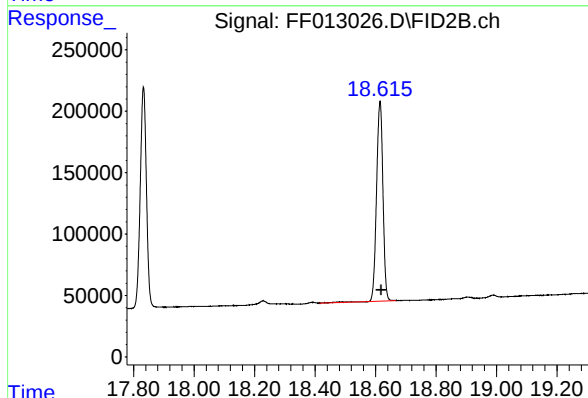
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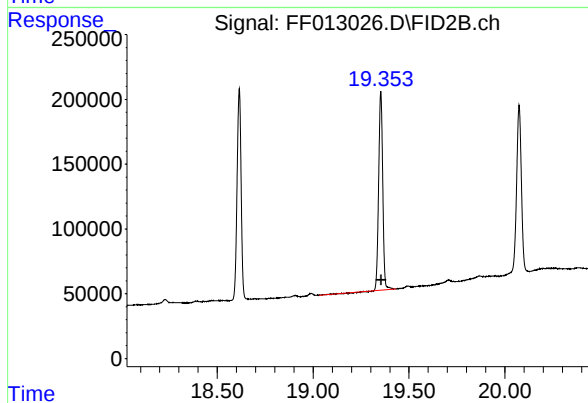
#18 n-Dotriacontane (C32)

R.T.: 17.833 min
Delta R.T.: -0.004 min
Response: 2547467
Conc: 21.79 ug/ml



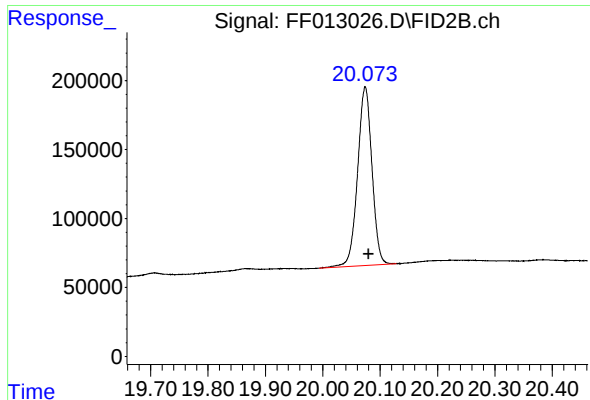
#19 n-Tetatriacontane (C34)

R.T.: 18.615 min
Delta R.T.: -0.004 min
Response: 2401140
Conc: 21.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.352 min
Delta R.T.: -0.005 min
Response: 2271099
Conc: 21.42 ug/ml



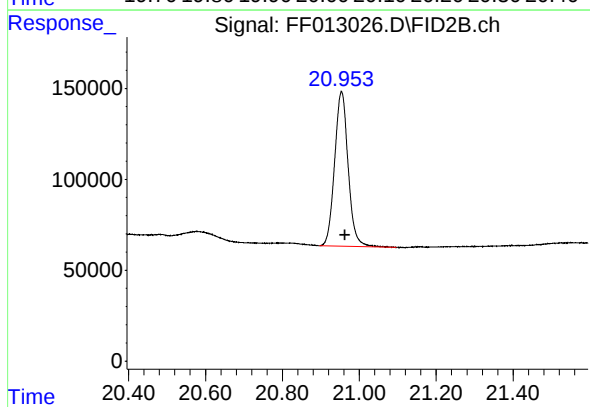
#21 n-Octatriacontane (C38)

R.T.: 20.073 min
Delta R.T.: -0.007 min
Response: 2251622
Conc: 21.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.954 min
Delta R.T.: -0.010 min
Response: 2081220
Conc: 21.48 ug/ml