

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033123AL\
 Data File : FE041107.D
 Signal(s) : FID1B.ch
 Acq On : 31 Mar 2023 17:24
 Operator : YP\AJ
 Sample : 02136-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SU-03-033023-EPH-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/03/2023
 Supervised By :Ankita Jodhani 04/03/2023

Integration File: autoint1.e
 Quant Time: Apr 01 01:21:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.857	5360169	28.521 ug/ml
Spiked Amount 50.000		Recovery =	57.04%
12) S 1-chlorooctadecane (S...	13.308	63035913	438.115 ug/ml
Spiked Amount 50.000		Recovery =	876.23%
Target Compounds			
1) T n-Nonane (C9)	3.253	4413343	25.435 ug/ml
2) T n-Decane (C10)	4.502	4885929	28.704 ug/ml
3) T A~Naphthalene (C11.7)	6.202	5783177	31.618 ug/ml
4) T n-Dodecane (C12)	6.665	5517678	31.809 ug/ml
5) T A~2-methylnaphthalene...	7.297	5770107	34.841 ug/ml
6) T n-Tetradecane (C14)	8.494	6157656	35.315 ug/ml
7) T n-Hexadecane (C16)	10.100	6954771	39.104 ug/ml
8) T n-Octadecane (C18)	11.543	6670149	37.357 ug/ml
10) T n-Eicosane (C20)	12.853	6930801	40.632 ug/ml
11) T n-Heneicosane (C21)	13.468	6402828	37.845 ug/ml
13) T n-Docosane (C22)	14.051	6360694	38.437 ug/ml
14) T n-Tetracosane (C24)	15.152	13916990	86.021 ug/ml
15) T n-Hexacosane (C26)	16.179	5804122	37.442 ug/ml
16) T n-Octacosane (C28)	17.130	6386808	41.694 ug/ml
17) T n-Tricontane (C30)	18.021	5929825	38.794 ug/ml
18) T n-Dotriacontane (C32)	18.853	6061458	38.824 ug/ml
19) T n-Tetratriacontane (C34)	19.639	5670138	36.589 ug/ml
20) T n-Hexatriacontane (C36)	20.380	5733635	37.746 ug/mlm
21) T n-Octatriacontane (C38)	21.111	5724440	36.644 ug/ml
22) T n-Tetracontane (C40)	21.998	6058077	37.957 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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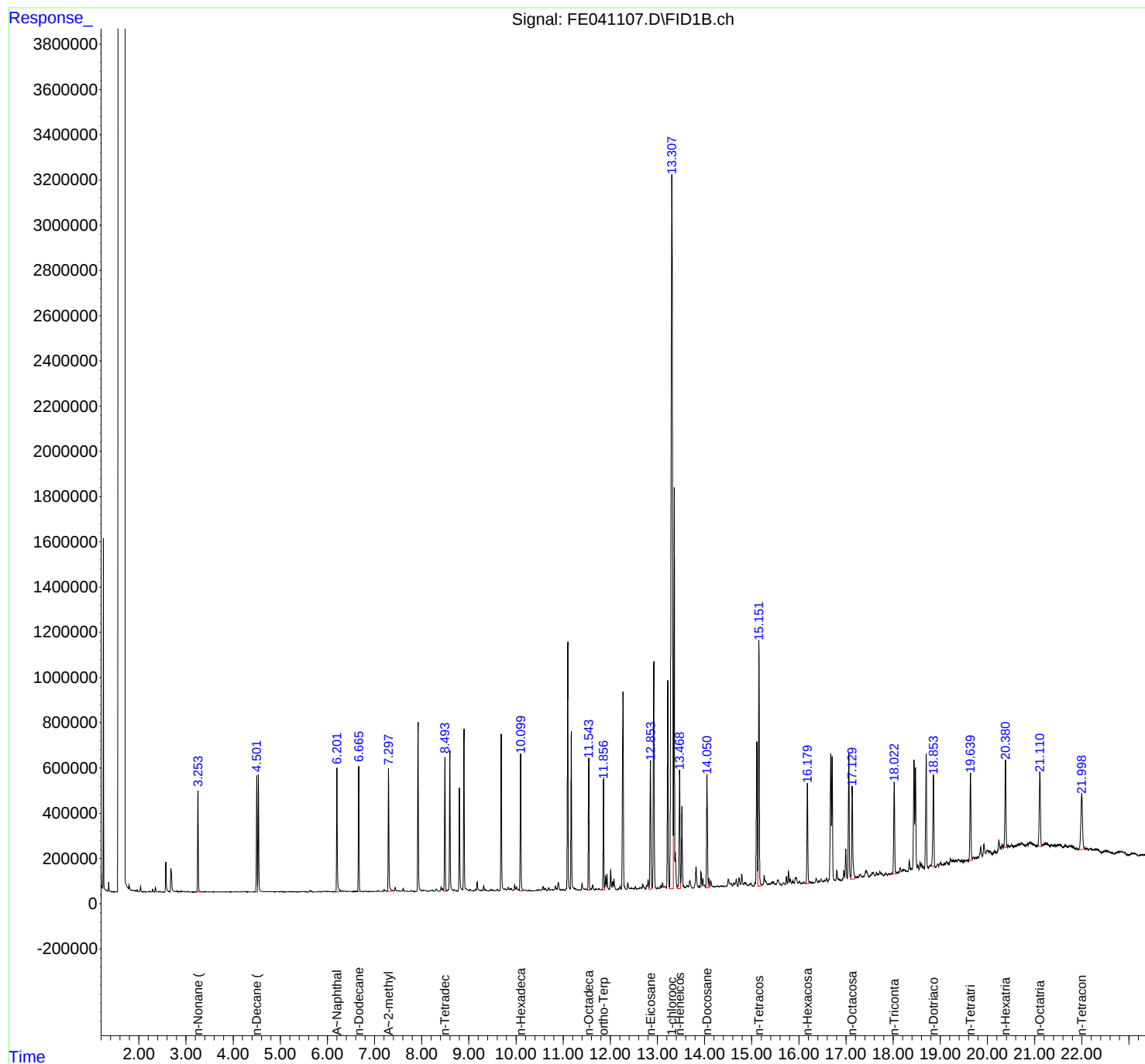
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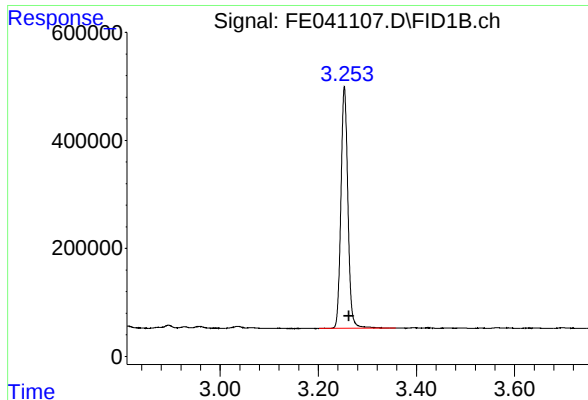
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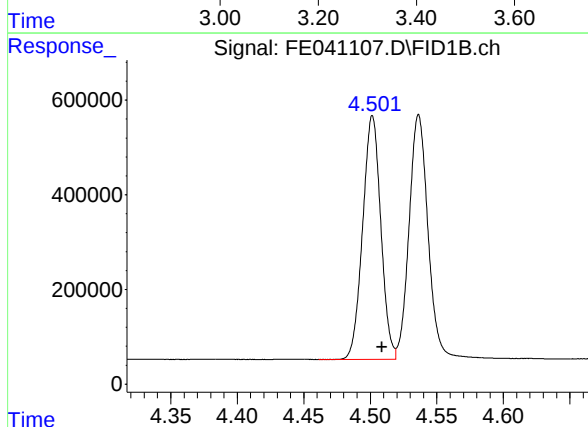
#1 n-Nonane (C9)

R.T.: 3.253 min
Delta R.T.: -0.009 min
Response: 4413343
Conc: 25.44 ug/ml

Instrument : FID_E
ClientSampleId : SU-03-033023-EPH-2MS

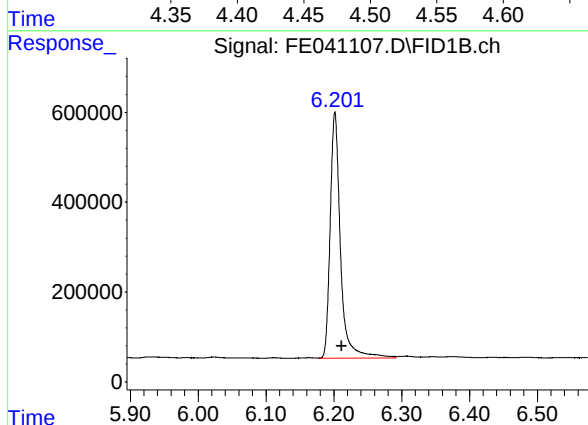
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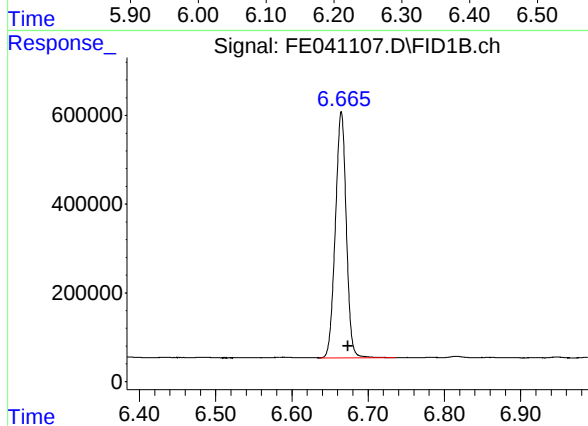
#2 n-Decane (C10)

R.T.: 4.502 min
Delta R.T.: -0.007 min
Response: 4885929
Conc: 28.70 ug/ml



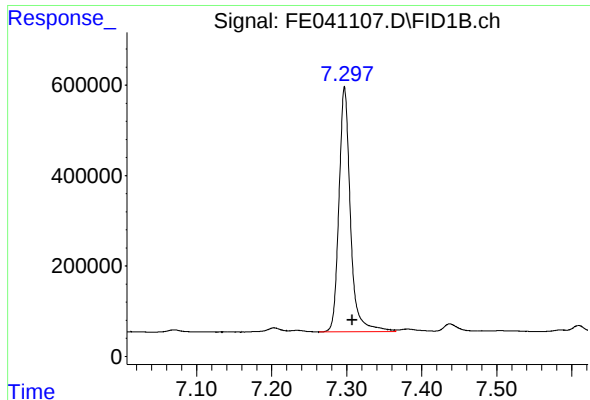
#3 A~Naphthalene (C11.7)

R.T.: 6.202 min
Delta R.T.: -0.010 min
Response: 5783177
Conc: 31.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.665 min
Delta R.T.: -0.009 min
Response: 5517678
Conc: 31.81 ug/ml



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

R.T.: 7.297 min
Delta R.T.: -0.010 min
Response: 5770107
Conc: 34.84 ug/ml

Instrument :

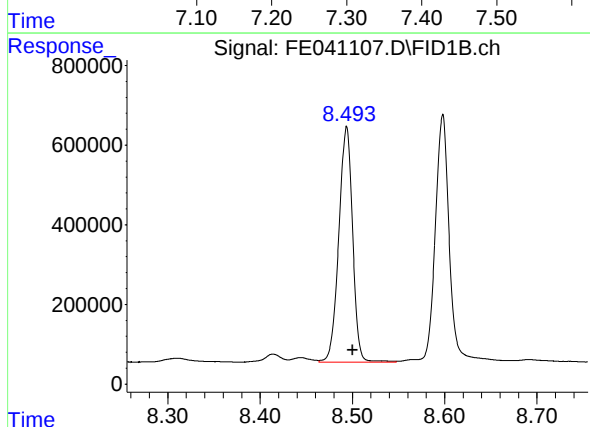
FID_E

ClientSampleId :

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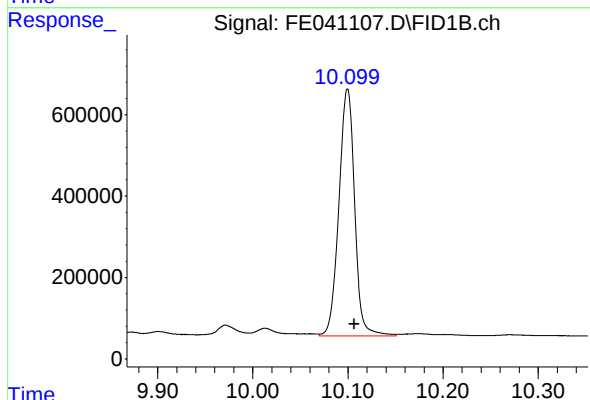
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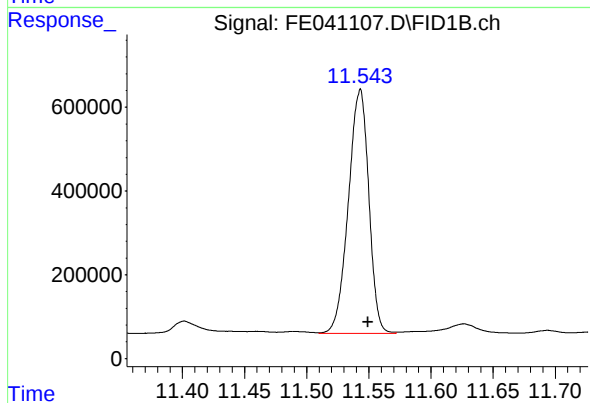
#6 n-Tetradecane (C14)

R.T.: 8.494 min
Delta R.T.: -0.006 min
Response: 6157656
Conc: 35.31 ug/ml



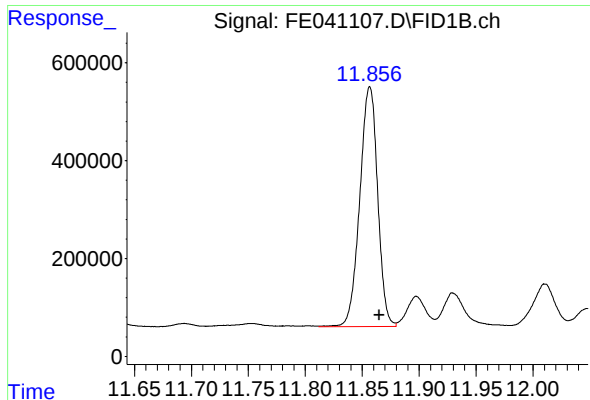
#7 n-Hexadecane (C16)

R.T.: 10.100 min
Delta R.T.: -0.007 min
Response: 6954771
Conc: 39.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.543 min
Delta R.T.: -0.006 min
Response: 6670149
Conc: 37.36 ug/ml



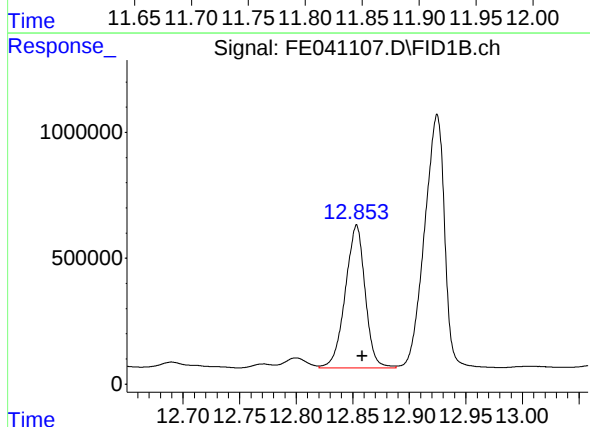
#9 ortho-Terphenyl (SURR)

R.T.: 11.857 min
Delta R.T.: -0.008 min
Response: 5360169
Conc: 28.52 ug/ml

Instrument :
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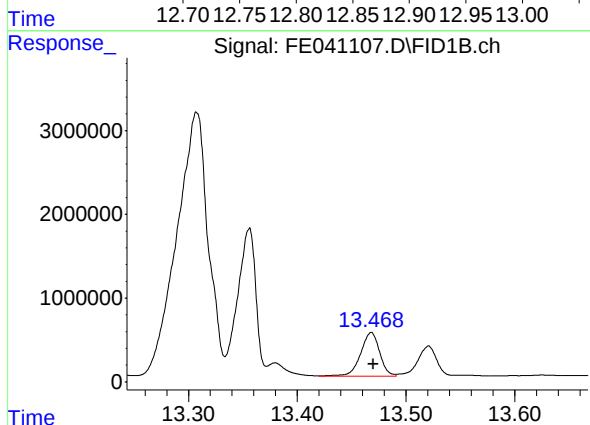
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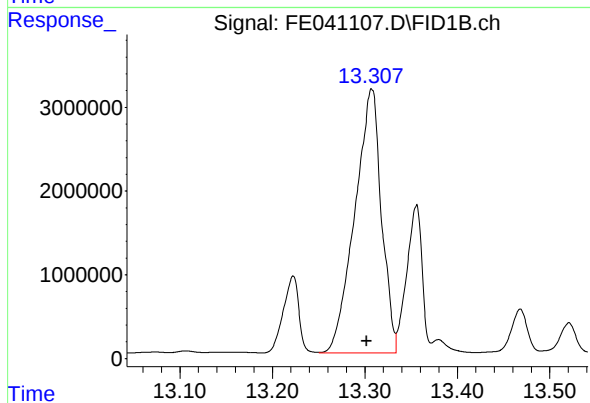
#10 n-Eicosane (C20)

R.T.: 12.853 min
Delta R.T.: -0.005 min
Response: 6930801
Conc: 40.63 ug/ml



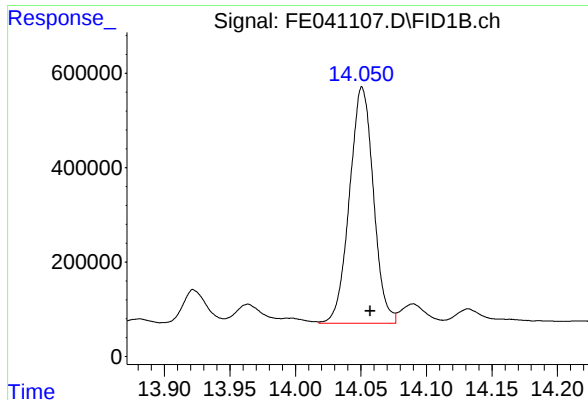
#11 n-Heneicosane (C21)

R.T.: 13.468 min
Delta R.T.: -0.002 min
Response: 6402828
Conc: 37.85 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.308 min
Delta R.T.: 0.006 min
Response: 63035913
Conc: 438.12 ug/ml



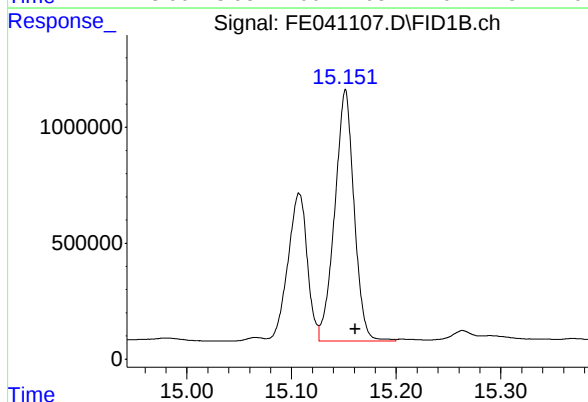
#13 n-Docosane (C22)

R.T.: 14.051 min
Delta R.T.: -0.006 min
Response: 6360694
Conc: 38.44 ug/ml

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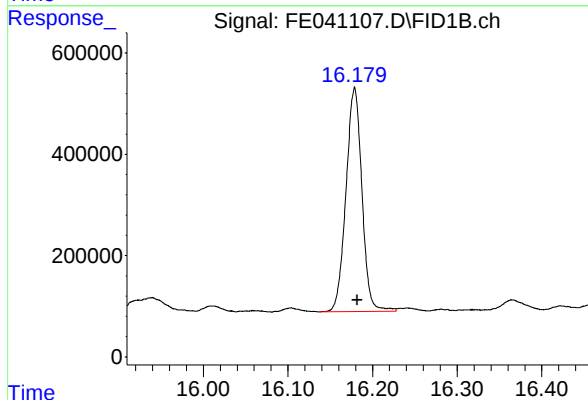
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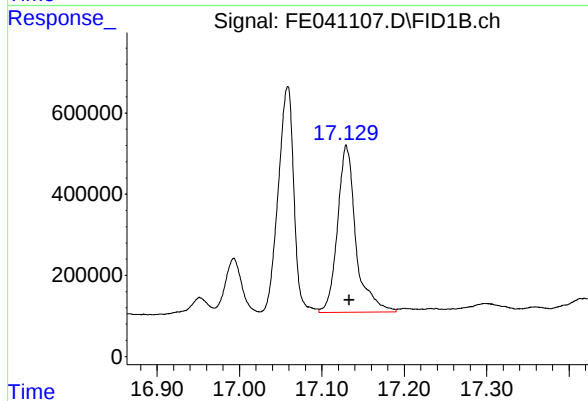
#14 n-Tetracosane (C24)

R.T.: 15.152 min
Delta R.T.: -0.009 min
Response: 13916990
Conc: 86.02 ug/ml



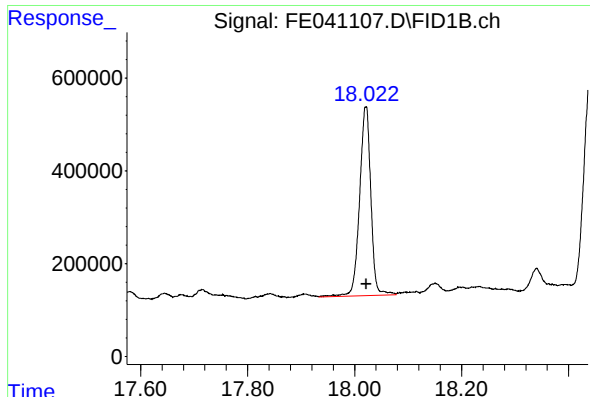
#15 n-Hexacosane (C26)

R.T.: 16.179 min
Delta R.T.: -0.003 min
Response: 5804122
Conc: 37.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.130 min
Delta R.T.: -0.003 min
Response: 6386808
Conc: 41.69 ug/ml



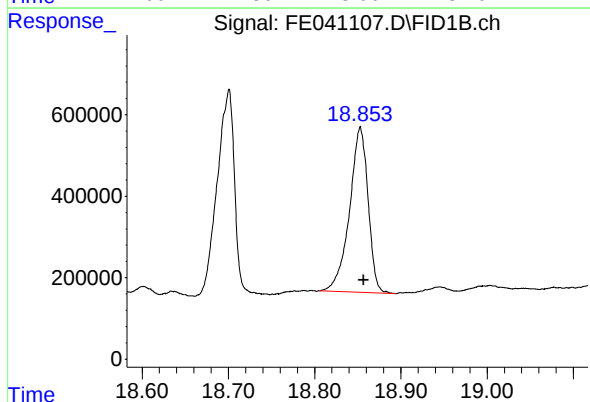
#17 n-Tricontane (C30)

R.T.: 18.021 min
Delta R.T.: -0.001 min
Response: 5929825
Conc: 38.79 ug/ml

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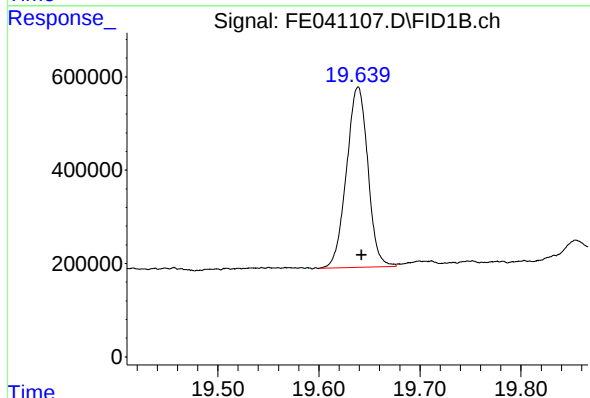
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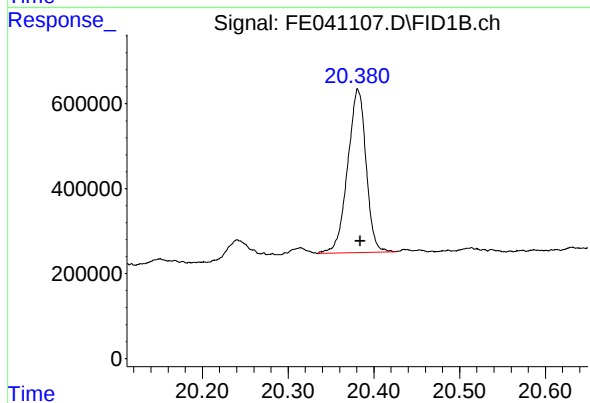
#18 n-Dotriacontane (C32)

R.T.: 18.853 min
Delta R.T.: -0.004 min
Response: 6061458
Conc: 38.82 ug/ml



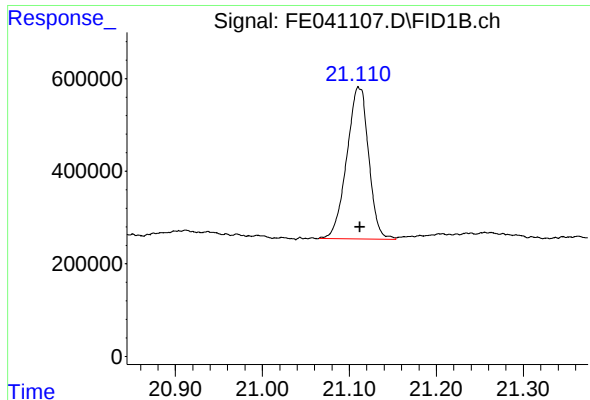
#19 n-Tetratriacontane (C34)

R.T.: 19.639 min
Delta R.T.: -0.004 min
Response: 5670138
Conc: 36.59 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.380 min
Delta R.T.: -0.004 min
Response: 5733635
Conc: 37.75 ug/ml m



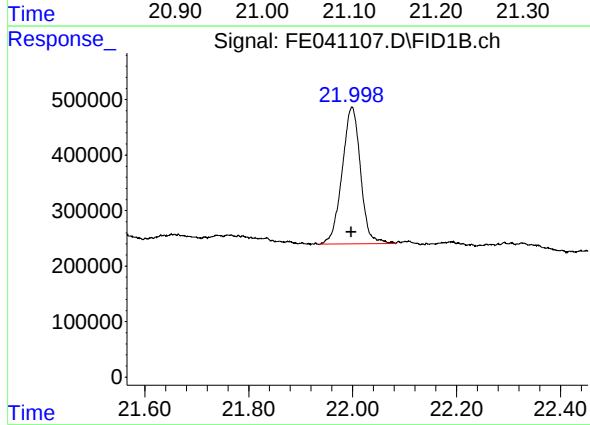
#21 n-Octatriacontane (C38)

R.T.: 21.111 min
Delta R.T.: -0.002 min
Response: 5724440
Conc: 36.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.998 min
Delta R.T.: 0.000 min
Response: 6058077
Conc: 37.96 ug/ml m