

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033123AL\
 Data File : FE041108.D
 Signal(s) : FID1B.ch
 Acq On : 31 Mar 2023 17:55
 Operator : YP\AJ
 Sample : 02136-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

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 01:21:12 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	5603521	29.815 ug/ml
Spiked Amount 50.000		Recovery =	59.63%
12) S 1-chlorooctadecane (S...	13.310	65886199	457.925 ug/ml
Spiked Amount 50.000		Recovery =	915.85%
Target Compounds			
1) T n-Nonane (C9)	3.253	4550885	26.228 ug/ml
2) T n-Decane (C10)	4.501	5020733	29.496 ug/ml
3) T A~Naphthalene (C11.7)	6.202	5970954	32.644 ug/ml
4) T n-Dodecane (C12)	6.665	5656607	32.610 ug/ml
5) T A~2-methylnaphthalene...	7.298	5963548	36.009 ug/ml
6) T n-Tetradecane (C14)	8.493	6344285	36.385 ug/ml
7) T n-Hexadecane (C16)	10.100	7208930	40.533 ug/ml
8) T n-Octadecane (C18)	11.543	6934129	38.835 ug/ml
10) T n-Eicosane (C20)	12.854	7239202	42.440 ug/ml
11) T n-Heneicosane (C21)	13.469	6691377	39.551 ug/ml
13) T n-Docosane (C22)	14.053	6642998	40.142 ug/ml
14) T n-Tetracosane (C24)	15.153	14513609	89.709 ug/ml
15) T n-Hexacosane (C26)	16.181	6060086	39.093 ug/ml
16) T n-Octacosane (C28)	17.130	6722956	43.889 ug/ml
17) T n-Tricontane (C30)	18.022	6209582	40.624 ug/ml
18) T n-Dotriacontane (C32)	18.854	6284902	40.255 ug/ml
19) T n-Tetratriacontane (C34)	19.640	5824556	37.585 ug/ml
20) T n-Hexatriacontane (C36)	20.380	5791523	38.128 ug/mlm
21) T n-Octatriacontane (C38)	21.112	5821436	37.265 ug/ml
22) T n-Tetracontane (C40)	22.002	6323133	39.617 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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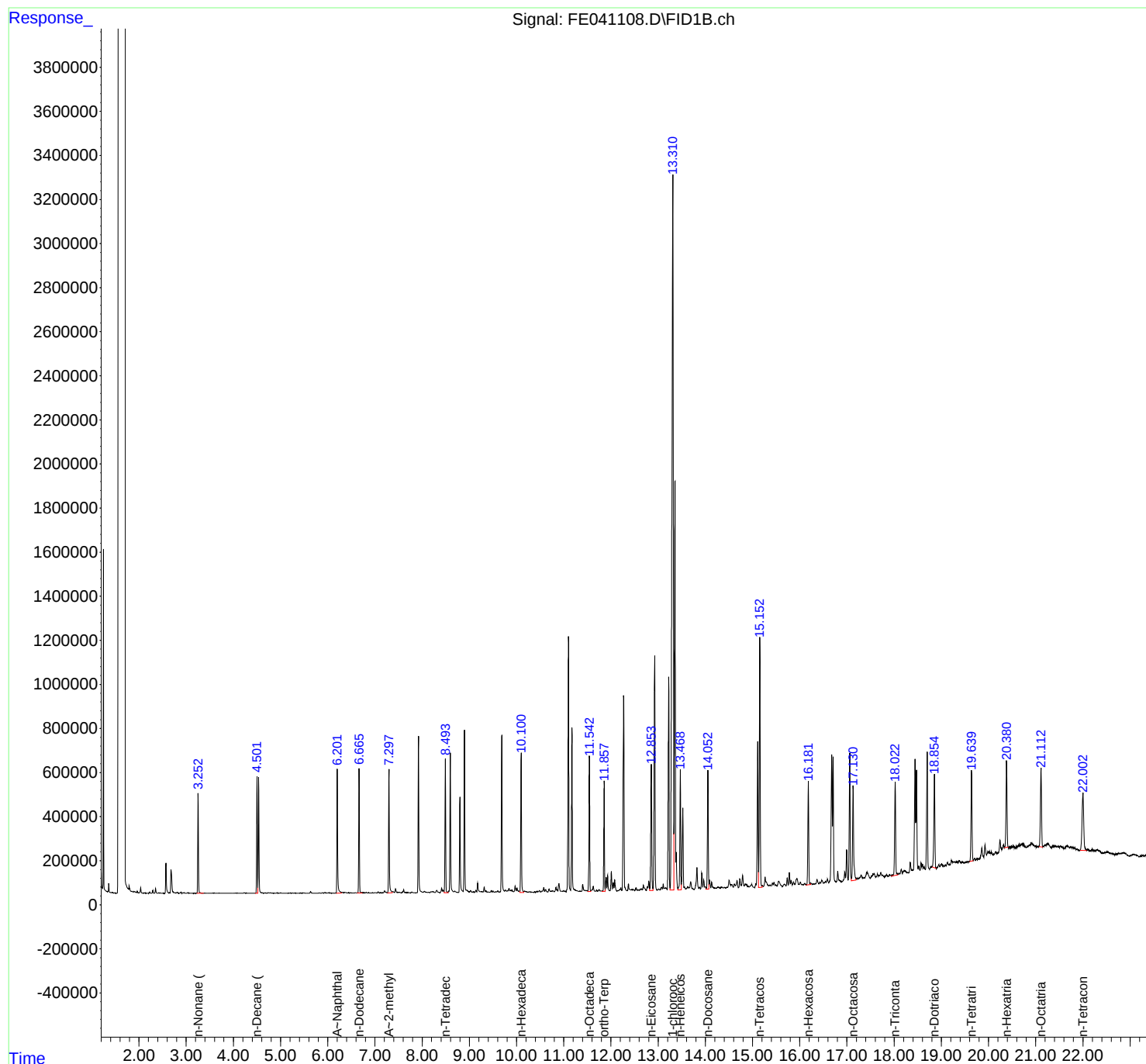
Instrument :
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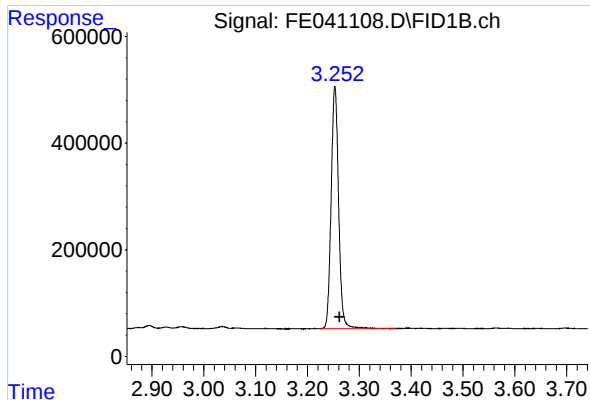
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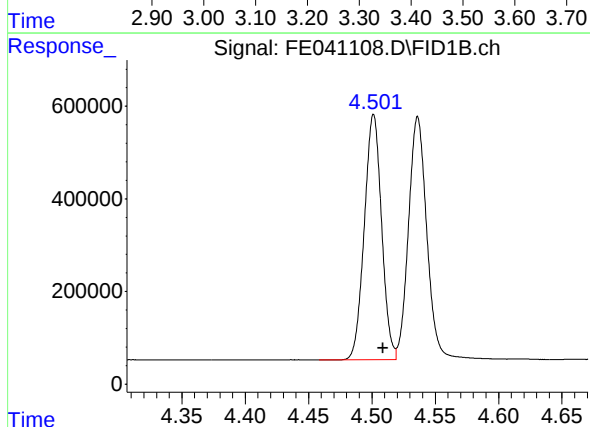
#1 n-Nonane (C9)

R.T.: 3.253 min
Delta R.T.: -0.009 min
Response: 4550885
Conc: 26.23 ug/ml

Instrument :
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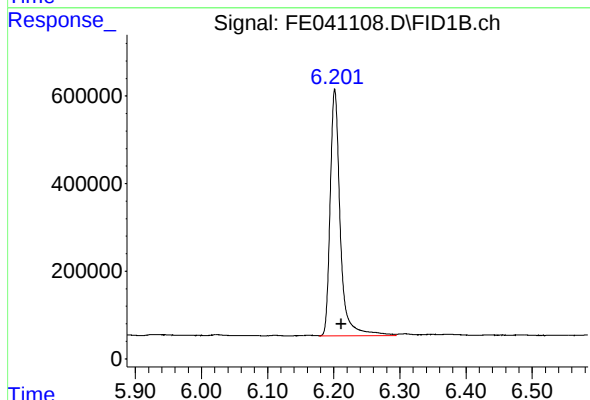
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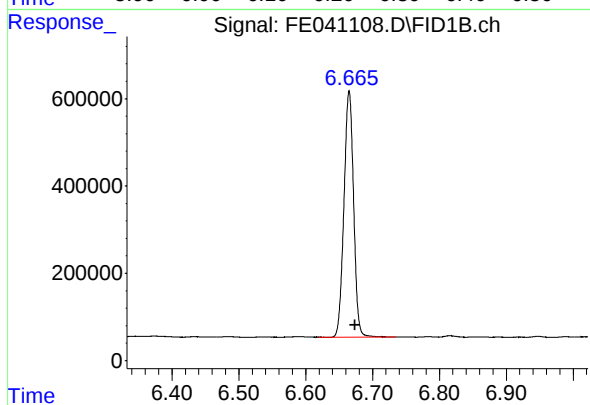
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: -0.008 min
Response: 5020733
Conc: 29.50 ug/ml



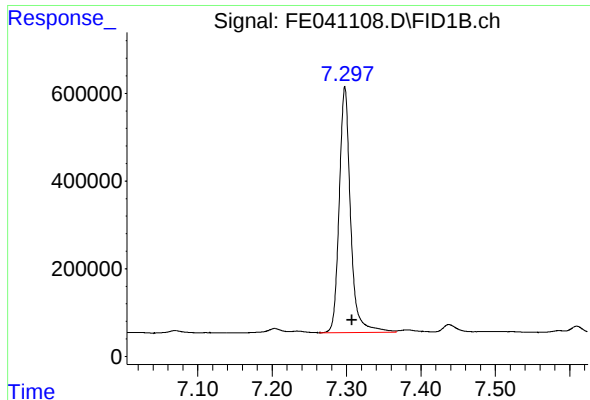
#3 A~Naphthalene (C11.7)

R.T.: 6.202 min
Delta R.T.: -0.010 min
Response: 5970954
Conc: 32.64 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.665 min
Delta R.T.: -0.009 min
Response: 5656607
Conc: 32.61 ug/ml



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

R.T.: 7.298 min
Delta R.T.: -0.010 min
Response: 5963548
Conc: 36.01 ug/ml

Instrument :

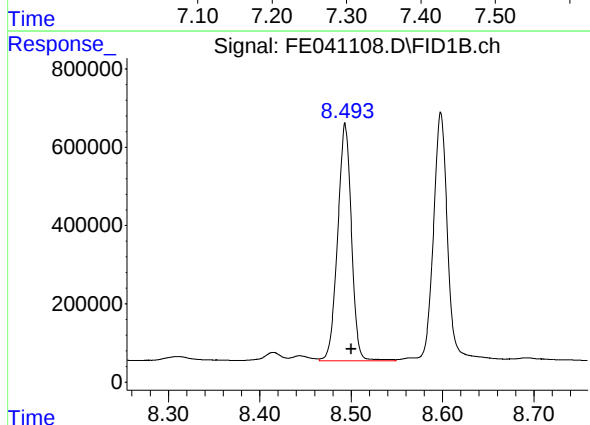
FID_E

ClientSampleId :

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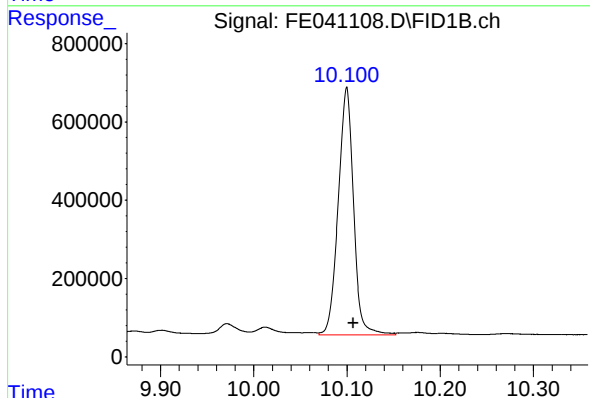
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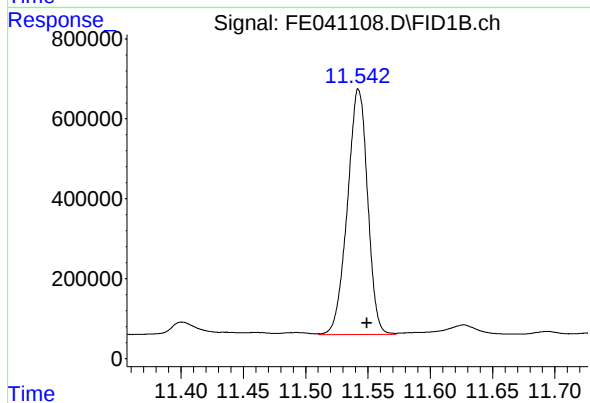
#6 n-Tetradecane (C14)

R.T.: 8.493 min
Delta R.T.: -0.007 min
Response: 6344285
Conc: 36.39 ug/ml



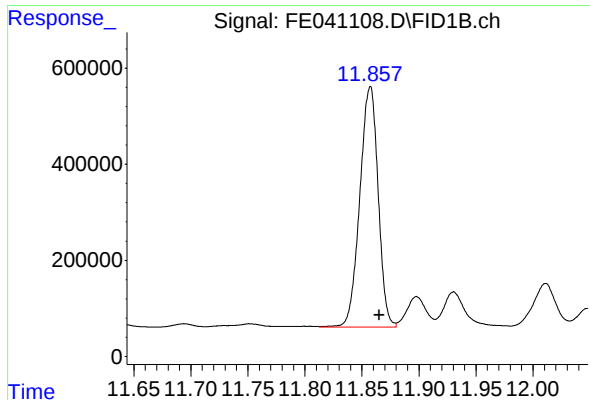
#7 n-Hexadecane (C16)

R.T.: 10.100 min
Delta R.T.: -0.007 min
Response: 7208930
Conc: 40.53 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.543 min
Delta R.T.: -0.007 min
Response: 6934129
Conc: 38.84 ug/ml



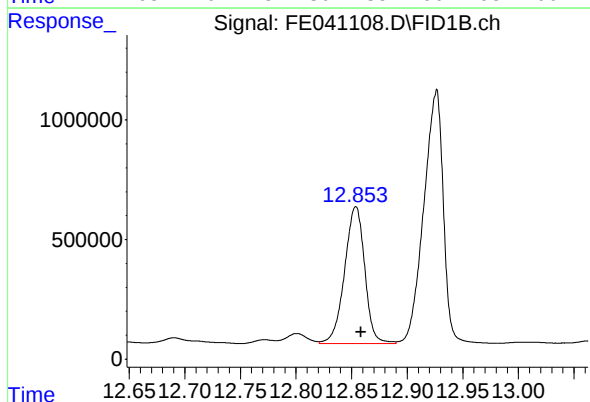
#9 ortho-Terphenyl (SURR)

R.T.: 11.857 min
Delta R.T.: -0.008 min
Response: 5603521
Conc: 29.82 ug/ml

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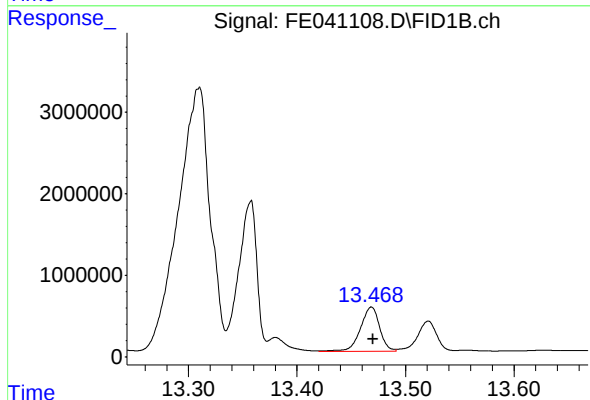
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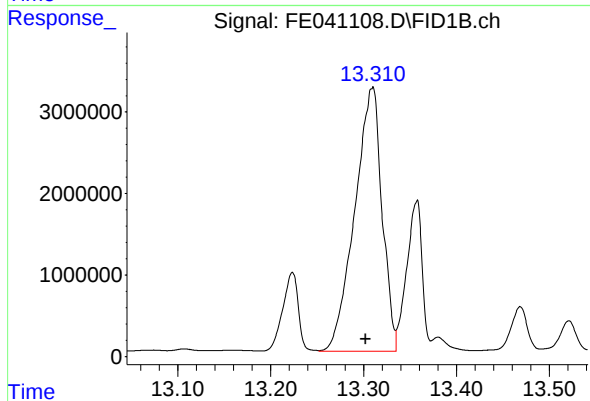
#10 n-Eicosane (C20)

R.T.: 12.854 min
Delta R.T.: -0.005 min
Response: 7239202
Conc: 42.44 ug/ml



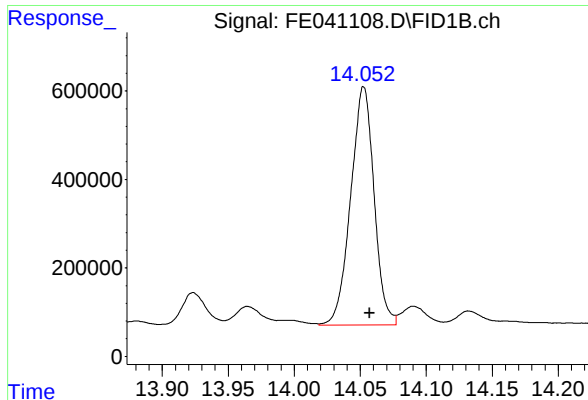
#11 n-Heneicosane (C21)

R.T.: 13.469 min
Delta R.T.: -0.001 min
Response: 6691377
Conc: 39.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.310 min
Delta R.T.: 0.008 min
Response: 65886199
Conc: 457.93 ug/ml



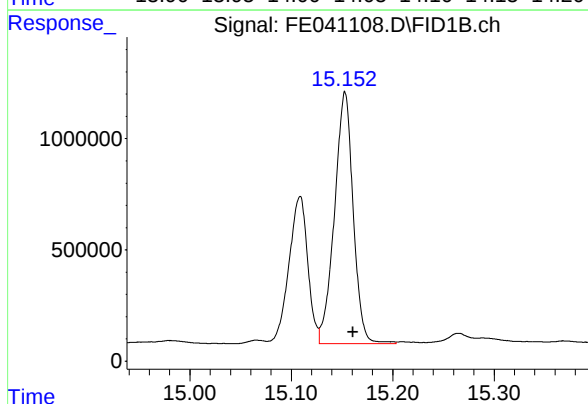
#13 n-Docosane (C22)

R.T.: 14.053 min
Delta R.T.: -0.005 min
Response: 6642998
Conc: 40.14 ug/ml

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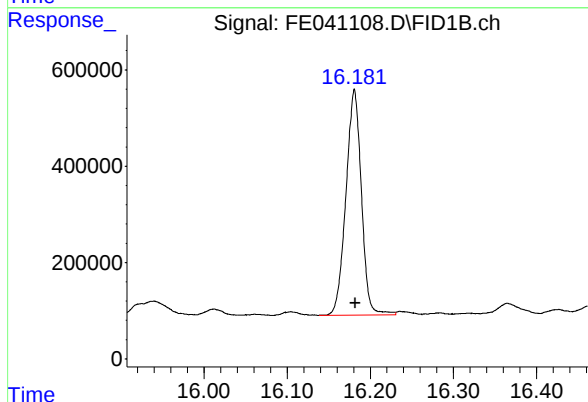
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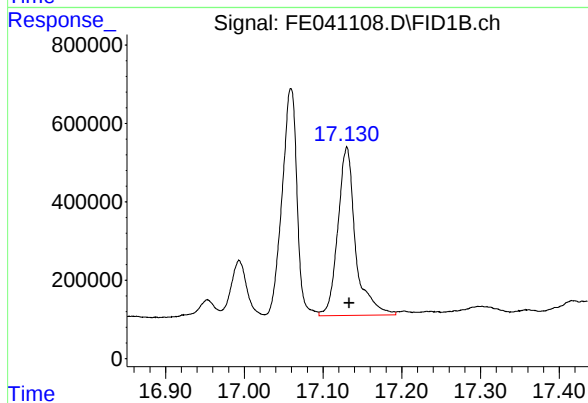
#14 n-Tetracosane (C24)

R.T.: 15.153 min
Delta R.T.: -0.008 min
Response: 14513609
Conc: 89.71 ug/ml



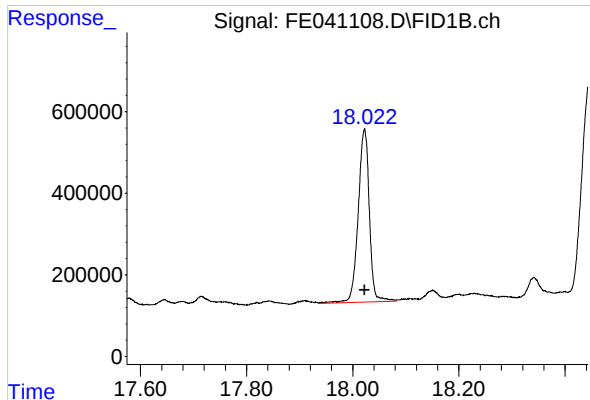
#15 n-Hexacosane (C26)

R.T.: 16.181 min
Delta R.T.: -0.001 min
Response: 6060086
Conc: 39.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.130 min
Delta R.T.: -0.003 min
Response: 6722956
Conc: 43.89 ug/ml



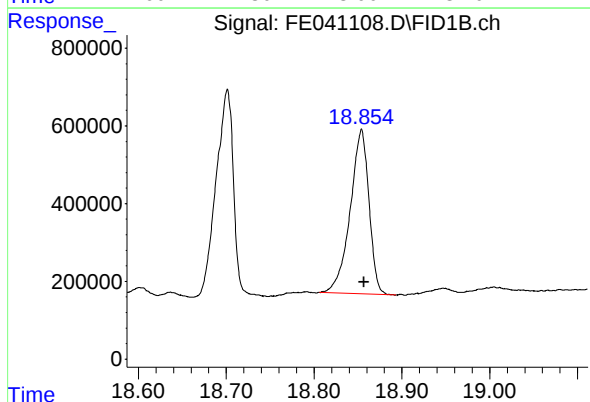
#17 n-Tricontane (C30)

R.T.: 18.022 min
Delta R.T.: 0.000 min
Response: 6209582
Conc: 40.62 ug/ml

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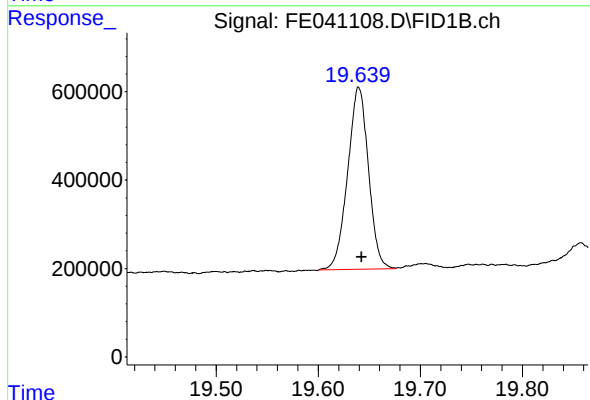
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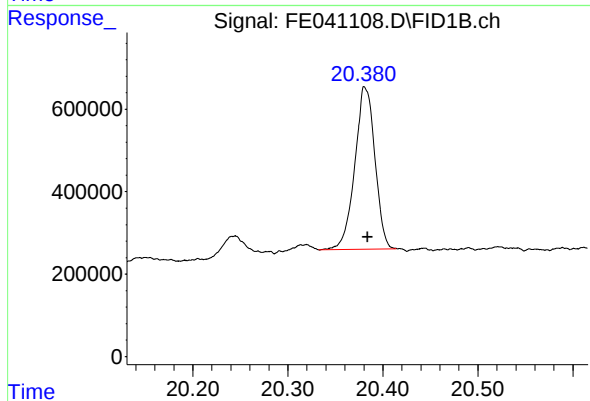
#18 n-Dotriacontane (C32)

R.T.: 18.854 min
Delta R.T.: -0.003 min
Response: 6284902
Conc: 40.25 ug/ml



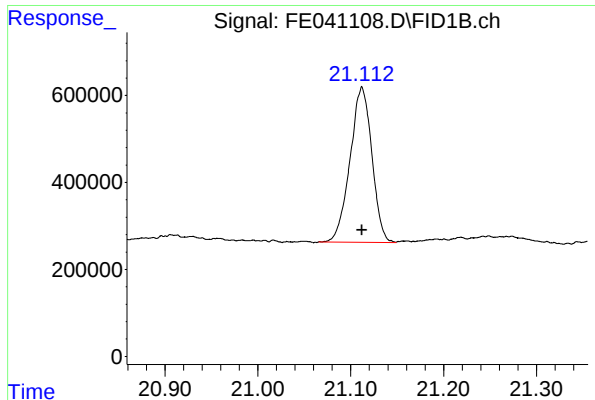
#19 n-Tetratriacontane (C34)

R.T.: 19.640 min
Delta R.T.: -0.003 min
Response: 5824556
Conc: 37.59 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.380 min
Delta R.T.: -0.004 min
Response: 5791523
Conc: 38.13 ug/ml m



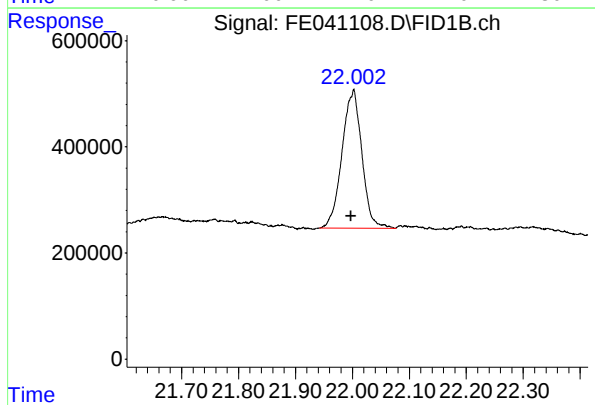
#21 n-Octatriacontane (C38)

R.T.: 21.112 min
Delta R.T.: 0.000 min
Response: 5821436
Conc: 37.26 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.002 min
Delta R.T.: 0.004 min
Response: 6323133
Conc: 39.62 ug/ml m