

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040323AL\
 Data File : FE041130.D
 Signal(s) : FID1B.ch
 Acq On : 03 Apr 2023 18:23
 Operator : YP\AJ
 Sample : 02161-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WC-6MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/04/2023

Supervised By :Ankita Jodhani 04/04/2023

Integration File: autoint1.e

Quant Time: Apr 03 22:20:44 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)	11.853	3404772	18.116 ug/ml
Spiked Amount 50.000		Recovery =	36.23%
12) S 1-chlorooctadecane (S...	13.293	2779203	19.316 ug/ml
Spiked Amount 50.000		Recovery =	38.63%
Target Compounds			
1) T n-Nonane (C9)	3.254	4843740	27.916 ug/ml
2) T n-Decane (C10)	4.500	5390272	31.667 ug/ml
3) T A~Naphthalene (C11.7)	6.200	5999824	32.802 ug/ml
4) T n-Dodecane (C12)	6.662	5945932	34.278 ug/ml
5) T A~2-methylnaphthalene...	7.295	5893396	35.585 ug/ml
6) T n-Tetradecane (C14)	8.491	6336072	36.338 ug/ml
7) T n-Hexadecane (C16)	10.098	7040524	39.586 ug/ml
8) T n-Octadecane (C18)	11.541	7159874	40.100 ug/ml
10) T n-Eicosane (C20)	12.850	7086646	41.546 ug/ml
11) T n-Heneicosane (C21)	13.463	6745793	39.872 ug/ml
13) T n-Docosane (C22)	14.049	6645192	40.156 ug/ml
14) T n-Tetracosane (C24)	15.147	12540179	77.511 ug/ml
15) T n-Hexacosane (C26)	16.177	6240046	40.254 ug/ml
16) T n-Octacosane (C28)	17.127	6089638	39.754 ug/ml
17) T n-Tricontane (C30)	18.018	6101586	39.917 ug/ml
18) T n-Dotriacontane (C32)	18.851	6017817	38.544 ug/ml
19) T n-Tetratriacontane (C34)	19.637	5986023	38.627 ug/ml
20) T n-Hexatriacontane (C36)	20.378	5985091	39.402 ug/ml
21) T n-Octatriacontane (C38)	21.107	6209600	39.749 ug/mlm
22) T n-Tetracontane (C40)	21.992	6384604	40.003 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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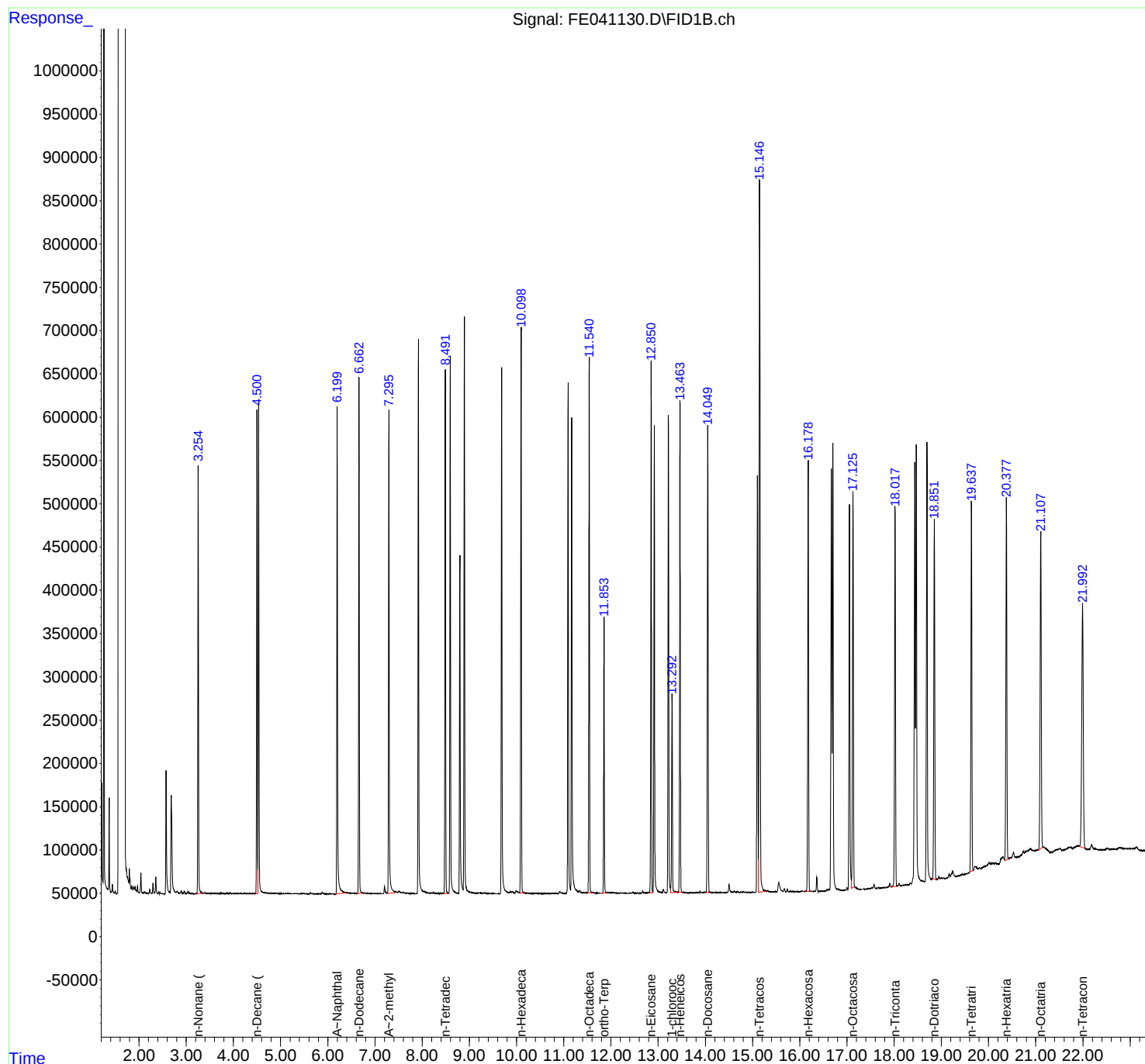
Response via : Initial Calibration

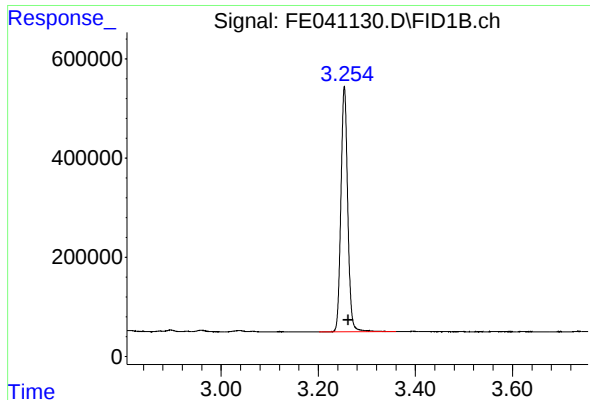
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





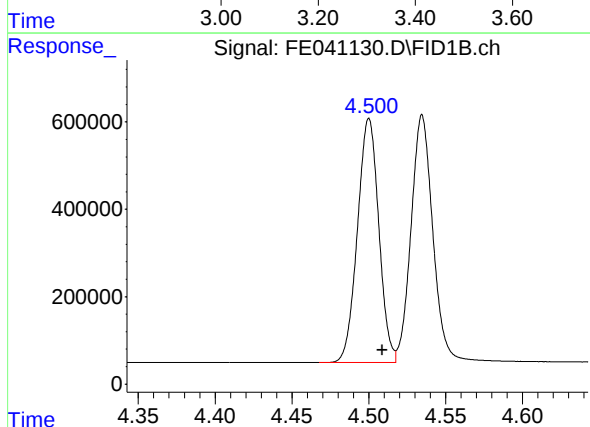
#1 n-Nonane (C9)

R.T.: 3.254 min
Delta R.T.: -0.008 min
Response: 4843740
Conc: 27.92 ug/ml

Instrument :
FID_E
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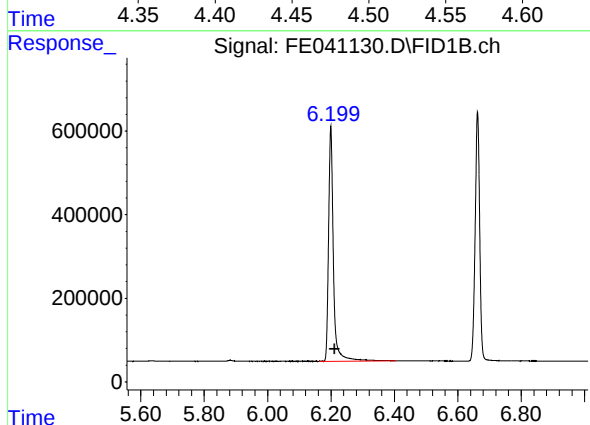
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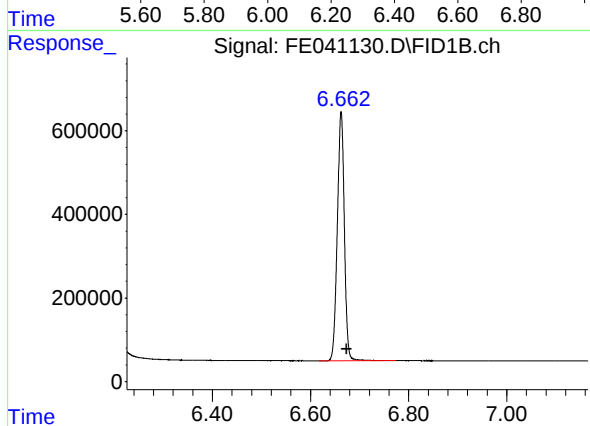
#2 n-Decane (C10)

R.T.: 4.500 min
Delta R.T.: -0.009 min
Response: 5390272
Conc: 31.67 ug/ml



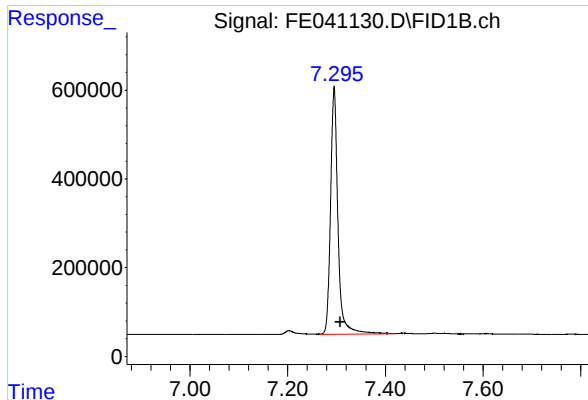
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: -0.012 min
Response: 5999824
Conc: 32.80 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.662 min
Delta R.T.: -0.011 min
Response: 5945932
Conc: 34.28 ug/ml



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

R.T.: 7.295 min
Delta R.T.: -0.012 min
Response: 5893396
Conc: 35.59 ug/ml

Instrument :

FID_E

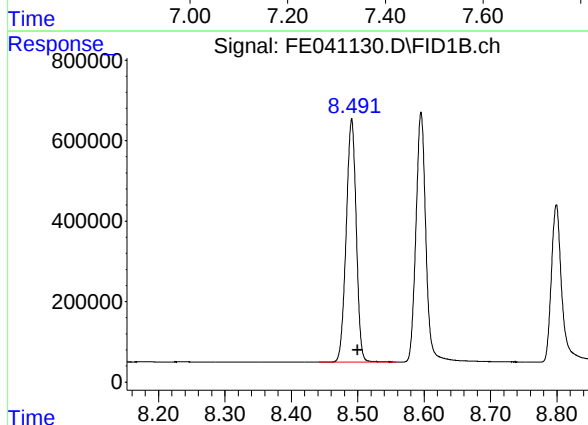
ClientSampleId :

WC-6MSD

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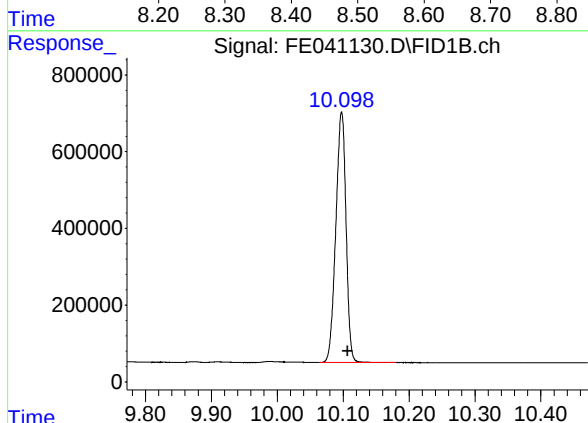
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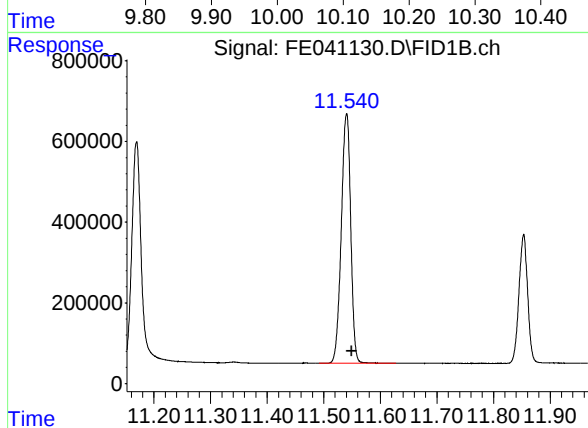
#6 n-Tetradecane (C14)

R.T.: 8.491 min
Delta R.T.: -0.009 min
Response: 6336072
Conc: 36.34 ug/ml



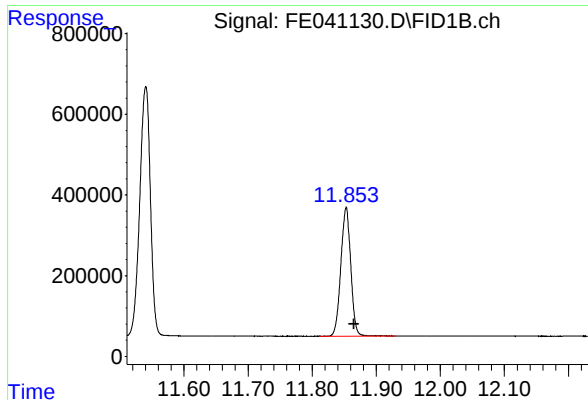
#7 n-Hexadecane (C16)

R.T.: 10.098 min
Delta R.T.: -0.009 min
Response: 7040524
Conc: 39.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.541 min
Delta R.T.: -0.009 min
Response: 7159874
Conc: 40.10 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.853 min
Delta R.T.: -0.012 min
Response: 3404772
Conc: 18.12 ug/ml

Instrument :

FID_E

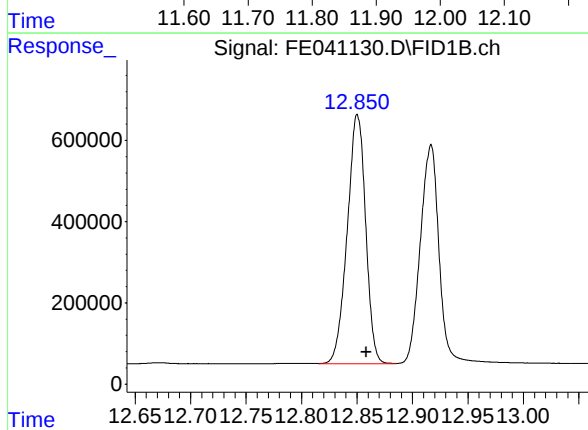
ClientSampleId :

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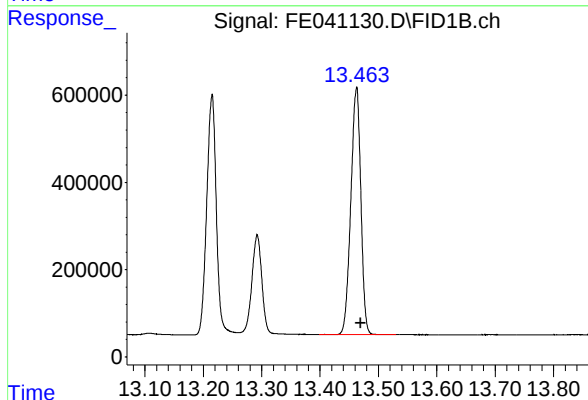
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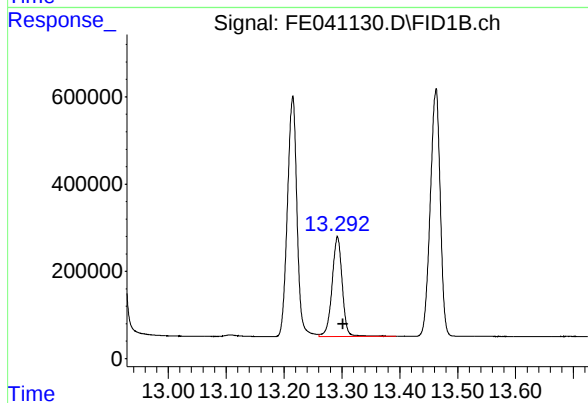
#10 n-Eicosane (C20)

R.T.: 12.850 min
Delta R.T.: -0.008 min
Response: 7086646
Conc: 41.55 ug/ml



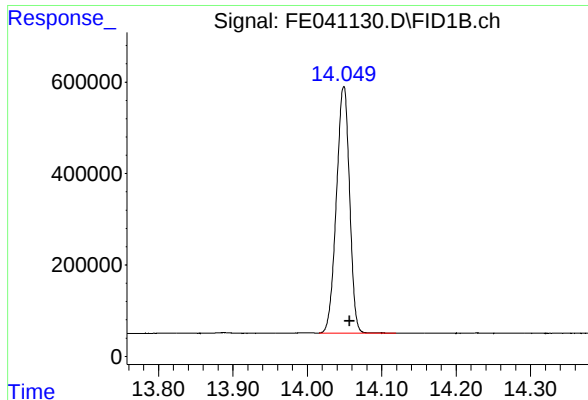
#11 n-Heneicosane (C21)

R.T.: 13.463 min
Delta R.T.: -0.007 min
Response: 6745793
Conc: 39.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.293 min
Delta R.T.: -0.009 min
Response: 2779203
Conc: 19.32 ug/ml



#13 n-Docosane (C22)

R.T.: 14.049 min
Delta R.T.: -0.008 min
Response: 6645192
Conc: 40.16 ug/ml

Instrument :

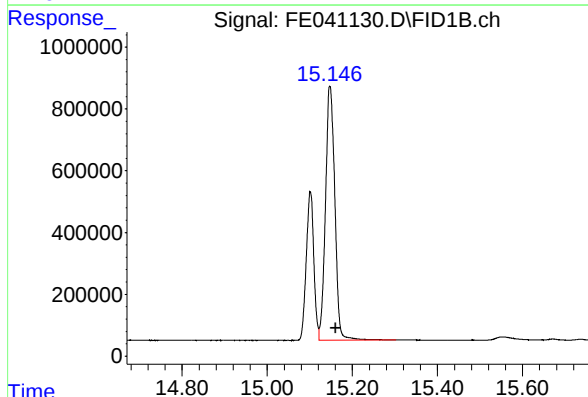
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ClientSampleId :

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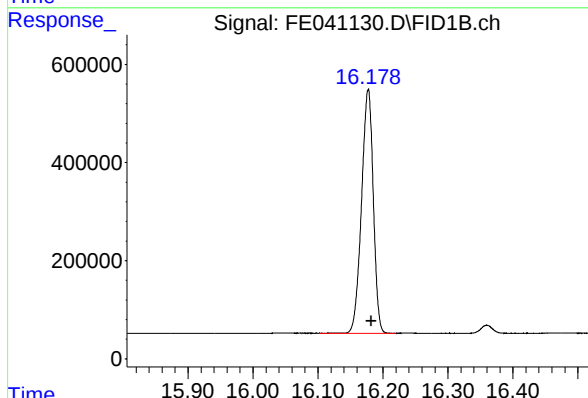
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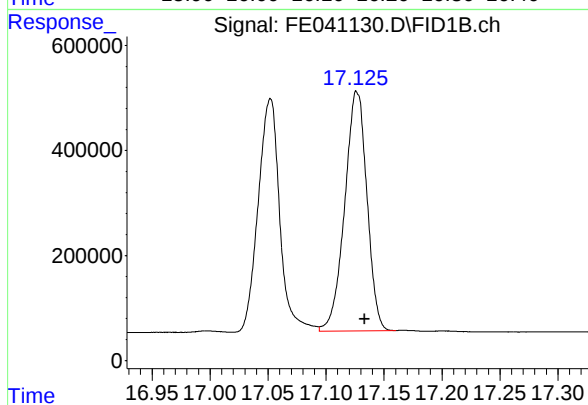
#14 n-Tetracosane (C24)

R.T.: 15.147 min
Delta R.T.: -0.014 min
Response: 12540179
Conc: 77.51 ug/ml



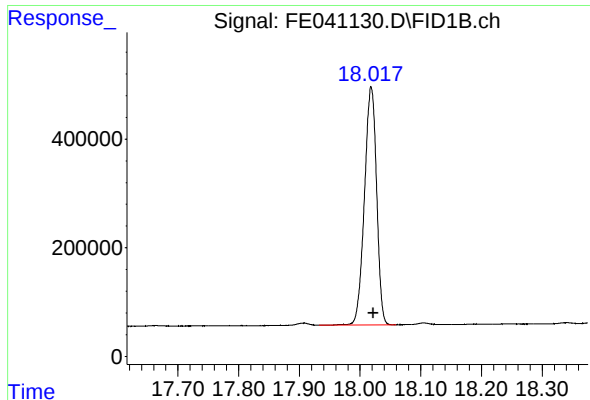
#15 n-Hexacosane (C26)

R.T.: 16.177 min
Delta R.T.: -0.005 min
Response: 6240046
Conc: 40.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.127 min
Delta R.T.: -0.007 min
Response: 6089638
Conc: 39.75 ug/ml



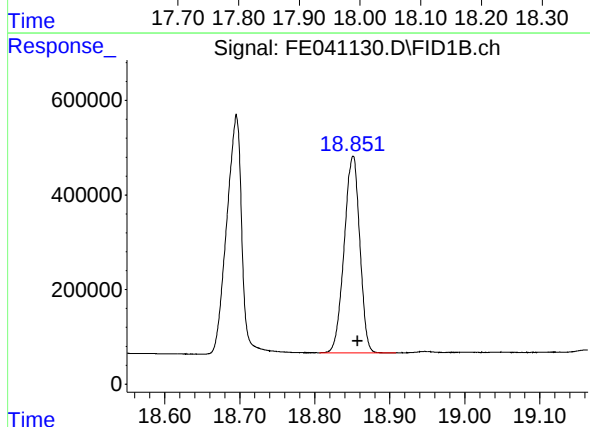
#17 n-Tricontane (C30)

R.T.: 18.018 min
Delta R.T.: -0.004 min
Response: 6101586
Conc: 39.92 ug/ml

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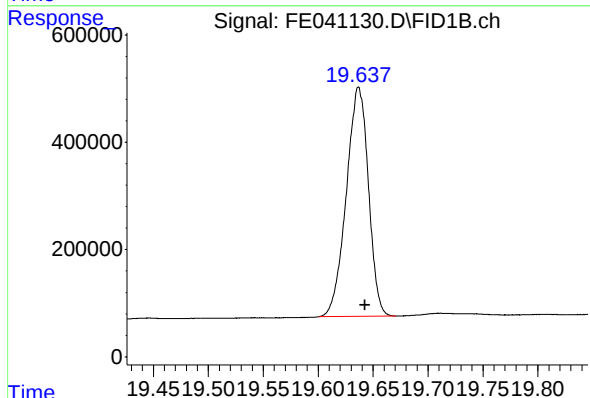
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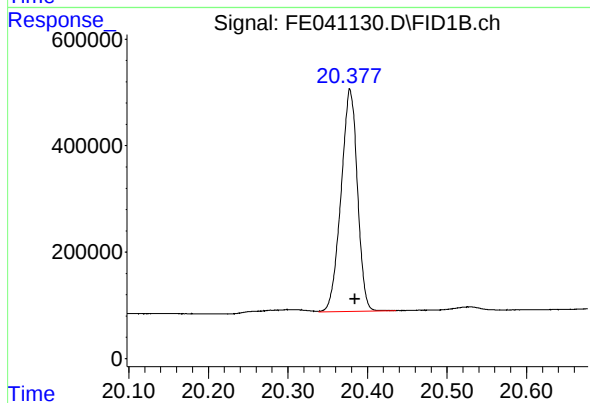
#18 n-Dotriacontane (C32)

R.T.: 18.851 min
Delta R.T.: -0.006 min
Response: 6017817
Conc: 38.54 ug/ml



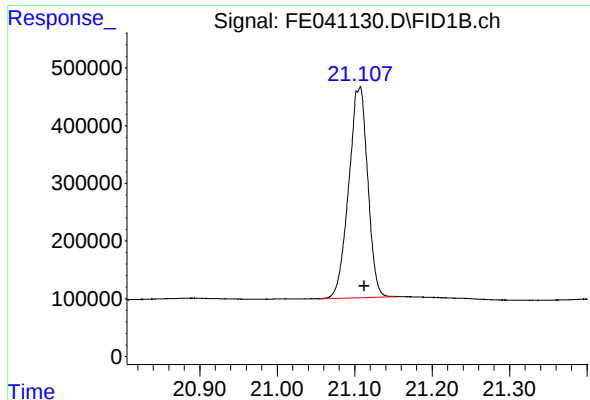
#19 n-Tetratriacontane (C34)

R.T.: 19.637 min
Delta R.T.: -0.006 min
Response: 5986023
Conc: 38.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.378 min
Delta R.T.: -0.006 min
Response: 5985091
Conc: 39.40 ug/ml



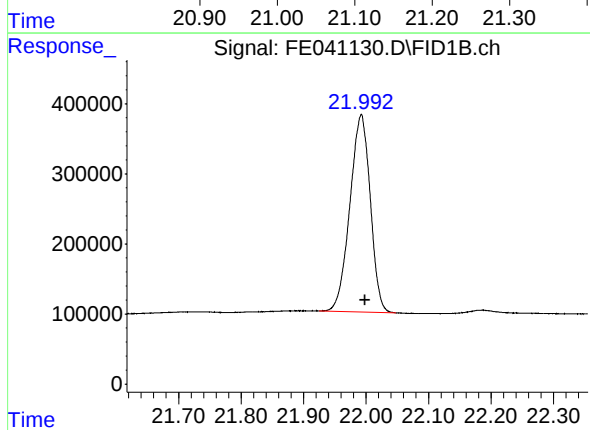
#21 n-Octatriacontane (C38)

R.T.: 21.107 min
Delta R.T.: -0.005 min
Response: 6209600
Conc: 39.75 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.992 min
Delta R.T.: -0.006 min
Response: 6384604
Conc: 40.00 ug/ml m