

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091424AL\
 Data File : FE050098.D
 Signal(s) : FID1B.ch
 Acq On : 13 Sep 2024 21:06
 Operator : YP\AJ
 Sample : P3985-03MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP-7MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :Ankita Jodhani 09/16/2024

Integration File: autoint1.e

Quant Time: Sep 14 02:12:47 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M

Quant Title : GC Extractables

QLast Update : Mon Sep 09 17:11:47 2024

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)	11.875	4849874	32.598 ug/mlm
Spiked Amount 50.000		Recovery =	65.20%
12) S 1-chlorooctadecane (S...	13.309	4185358	37.260 ug/ml
Spiked Amount 50.000		Recovery =	74.52%
Target Compounds			
1) T n-Nonane (C9)	3.265	4089828	30.173 ug/ml
2) T n-Decane (C10)	4.516	4667784	33.822 ug/ml
3) T A~Naphthalene (C11.7)	6.223	5064809	36.185 ug/ml
4) T n-Dodecane (C12)	6.682	4890603	35.367 ug/ml
5) T A~2-methylnaphthalene...	7.319	4624908	35.187 ug/ml
6) T n-Tetradecane (C14)	8.510	5249888	38.553 ug/ml
7) T n-Hexadecane (C16)	10.115	5588936	40.236 ug/ml
8) T n-Octadecane (C18)	11.556	5896664	42.088 ug/ml
10) T n-Eicosane (C20)	12.865	6019429	44.873 ug/ml
11) T n-Heneicosane (C21)	13.475	5858029	44.583 ug/ml
13) T n-Docosane (C22)	14.061	5820151	44.696 ug/ml
14) T n-Tetracosane (C24)	15.160	11280433	86.380 ug/ml
15) T n-Hexacosane (C26)	16.184	5682049	44.412 ug/ml
16) T n-Octacosane (C28)	17.131	6385677	49.575 ug/ml
17) T n-Tricontane (C30)	18.018	5913132	44.220 ug/ml
18) T n-Dotriacontane (C32)	18.849	5991154	44.960 ug/ml
19) T n-Tetratriacontane (C34)	19.633	6136755	49.666 ug/ml
20) T n-Hexatriacontane (C36)	20.371	6116560	55.129 ug/ml
21) T n-Octatriacontane (C38)	21.099	6288287	57.021 ug/ml
22) T n-Tetracontane (C40)	21.989	6021440	55.337 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P3985-03MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

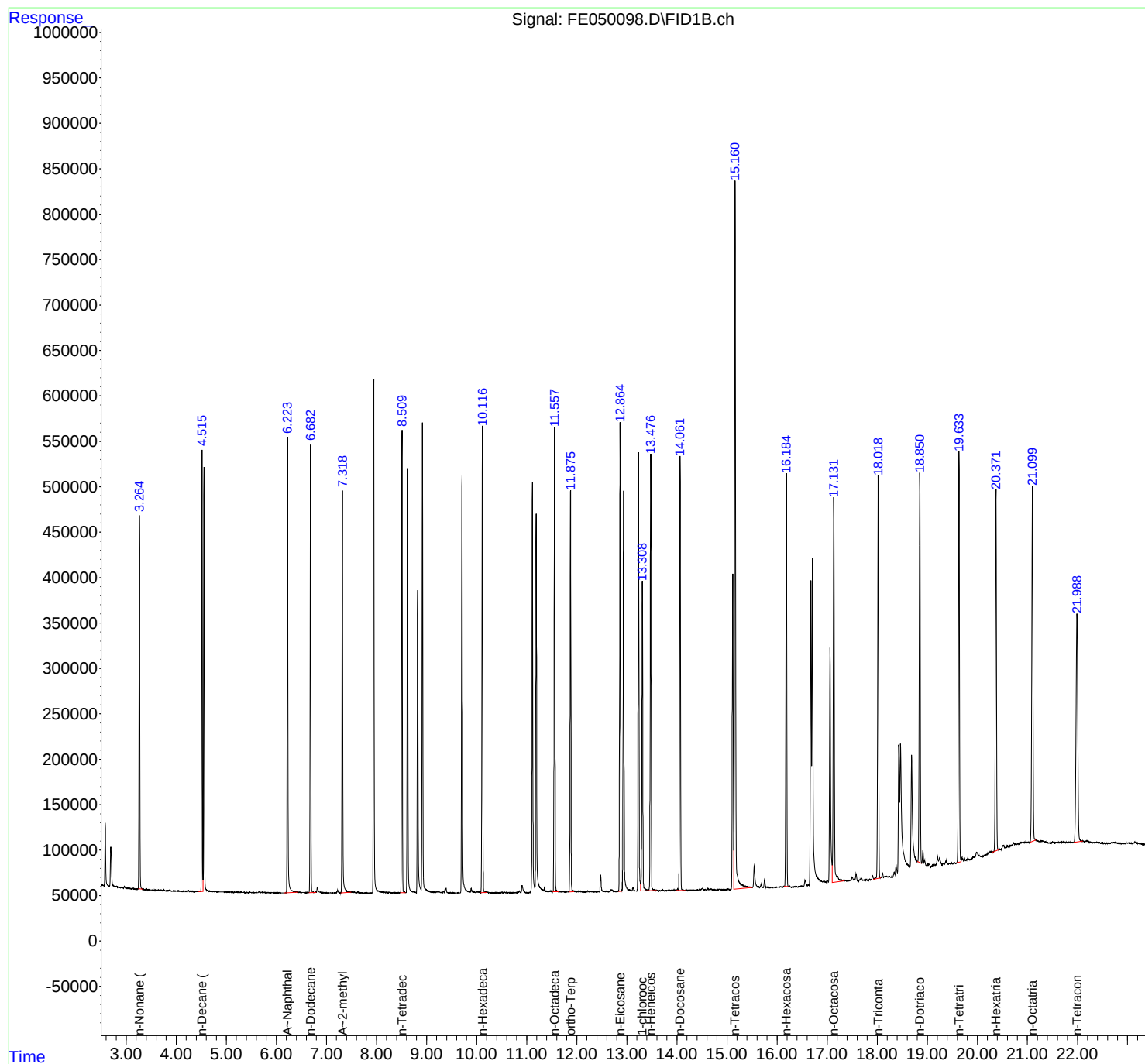
Instrument :
FID_E
ClientSampleId :
TP-7MS

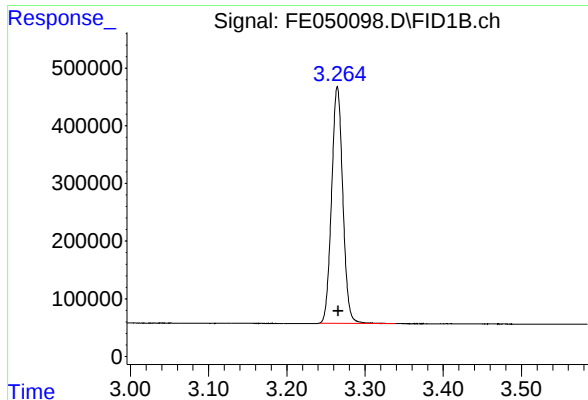
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Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.
Quant Title : GC Extractables
QLast Update : Mon Sep 09 17:11:47 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





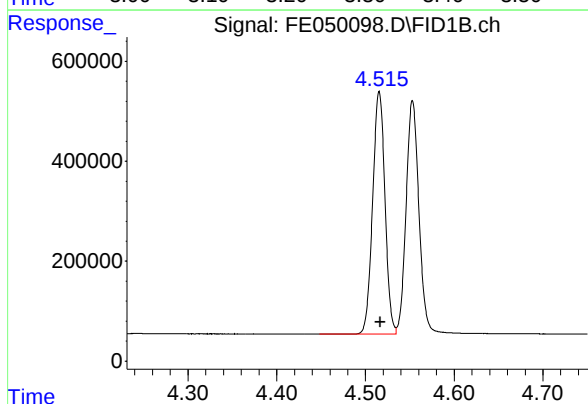
#1 n-Nonane (C9)

R.T.: 3.265 min
Delta R.T.: -0.001 min
Response: 4089828
Conc: 30.17 ug/ml

Instrument :
FID_E
ClientSampleId :
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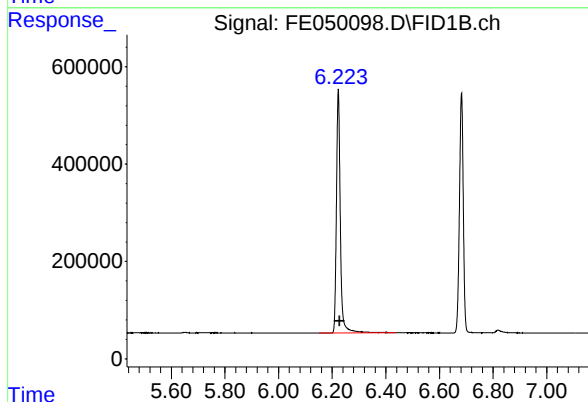
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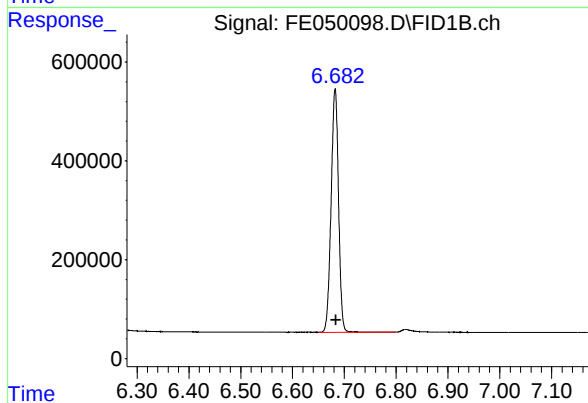
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: -0.001 min
Response: 4667784
Conc: 33.82 ug/ml



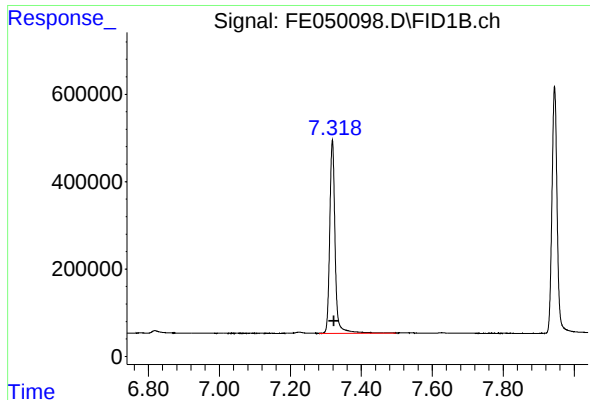
#3 A~Naphthalene (C11.7)

R.T.: 6.223 min
Delta R.T.: -0.004 min
Response: 5064809
Conc: 36.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.682 min
Delta R.T.: -0.002 min
Response: 4890603
Conc: 35.37 ug/ml



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

R.T.: 7.319 min
Delta R.T.: -0.005 min
Response: 4624908
Conc: 35.19 ug/ml

Instrument :

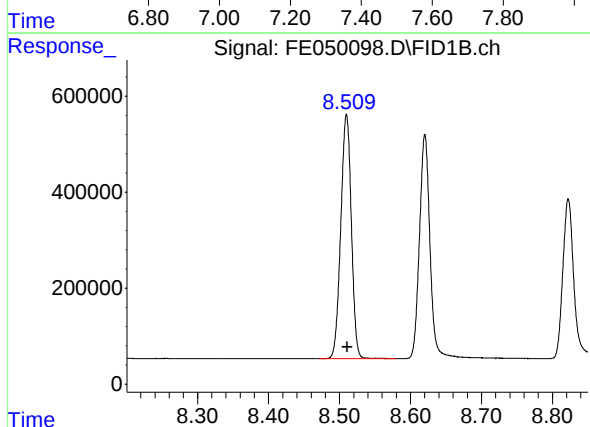
FID_E

ClientSampleId :

TP-7MS

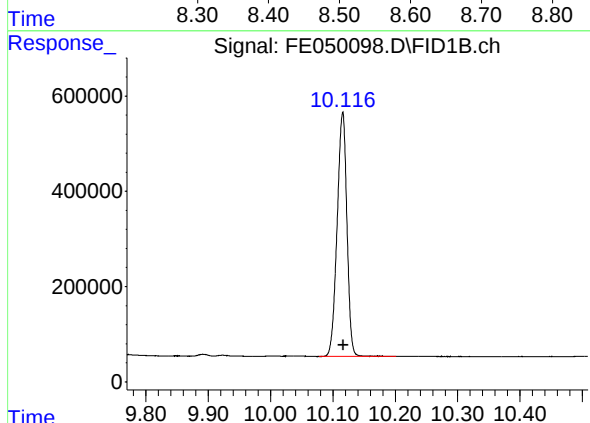
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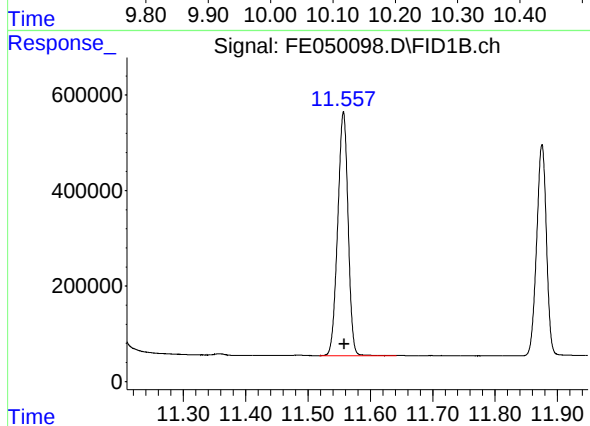
#6 n-Tetradecane (C14)

R.T.: 8.510 min
Delta R.T.: -0.001 min
Response: 5249888
Conc: 38.55 ug/ml



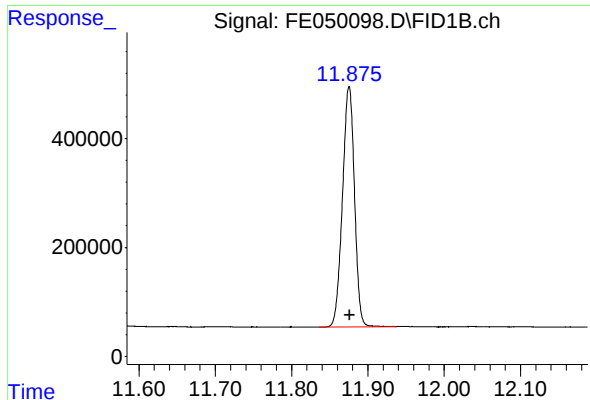
#7 n-Hexadecane (C16)

R.T.: 10.115 min
Delta R.T.: -0.002 min
Response: 5588936
Conc: 40.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.556 min
Delta R.T.: -0.002 min
Response: 5896664
Conc: 42.09 ug/ml



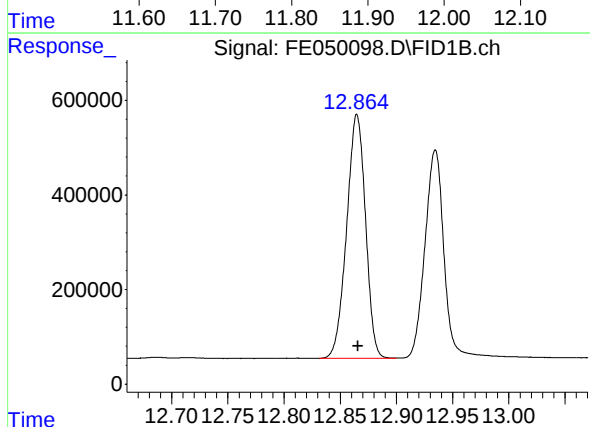
#9 ortho-Terphenyl (SURR)

R.T.: 11.875 min
Delta R.T.: -0.001 min
Response: 4849874
Conc: 32.60 ug/ml

Instrument :
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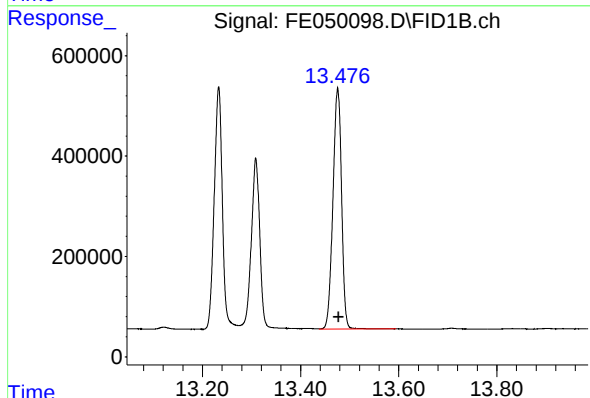
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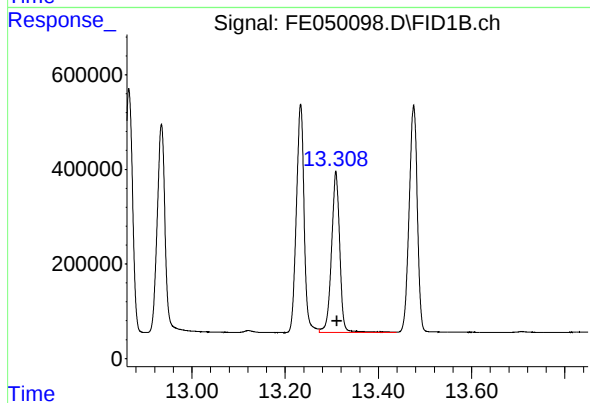
#10 n-Eicosane (C20)

R.T.: 12.865 min
Delta R.T.: -0.001 min
Response: 6019429
Conc: 44.87 ug/ml



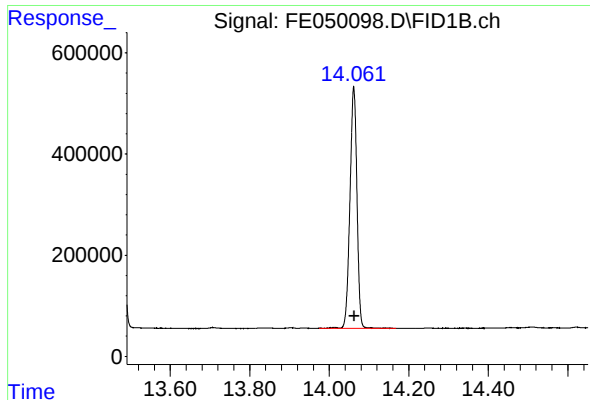
#11 n-Heneicosane (C21)

R.T.: 13.475 min
Delta R.T.: -0.002 min
Response: 5858029
Conc: 44.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.309 min
Delta R.T.: -0.003 min
Response: 4185358
Conc: 37.26 ug/ml



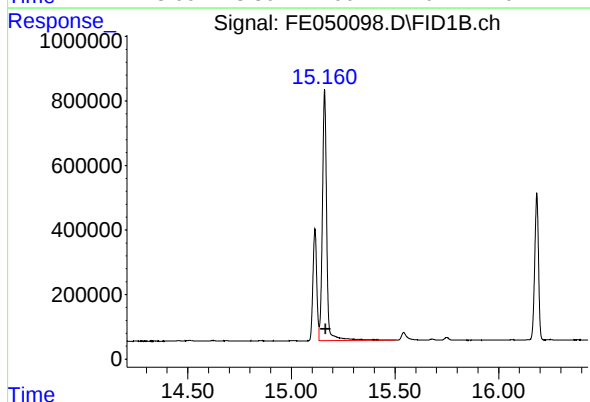
#13 n-Docosane (C22)

R.T.: 14.061 min
Delta R.T.: -0.002 min
Response: 5820151
Conc: 44.70 ug/ml

Instrument :
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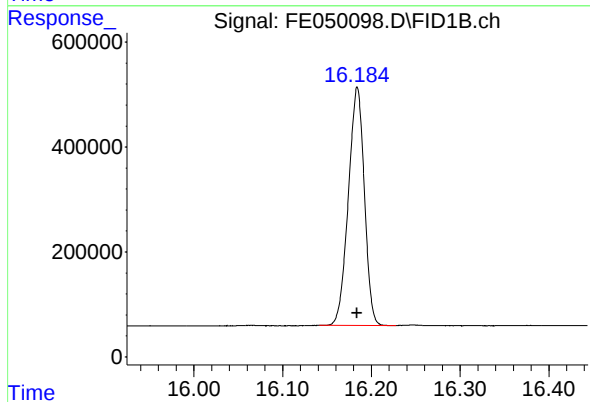
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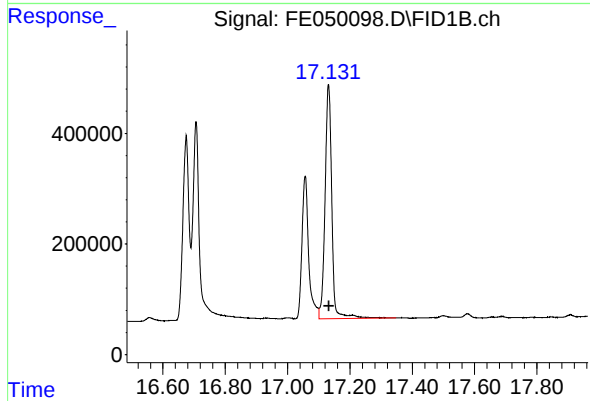
#14 n-Tetracosane (C24)

R.T.: 15.160 min
Delta R.T.: -0.004 min
Response: 11280433
Conc: 86.38 ug/ml



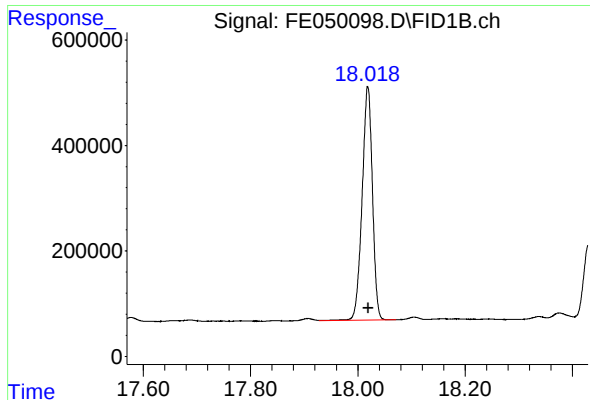
#15 n-Hexacosane (C26)

R.T.: 16.184 min
Delta R.T.: 0.000 min
Response: 5682049
Conc: 44.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.131 min
Delta R.T.: -0.002 min
Response: 6385677
Conc: 49.57 ug/ml



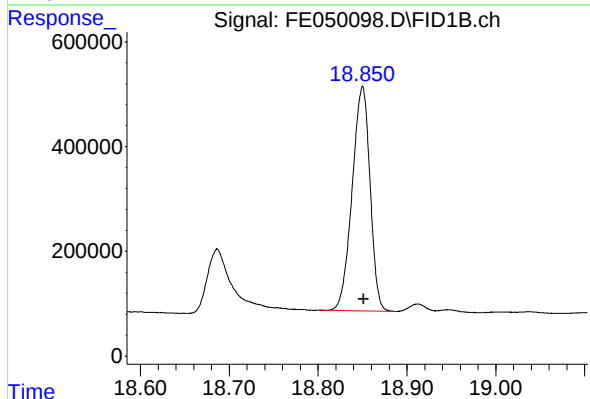
#17 n-Tricontane (C30)

R.T.: 18.018 min
Delta R.T.: -0.002 min
Response: 5913132
Conc: 44.22 ug/ml

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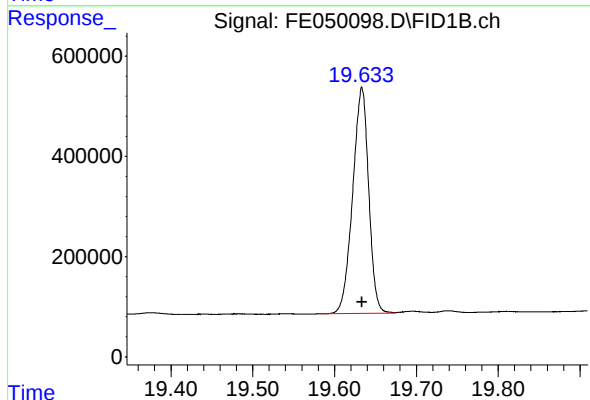
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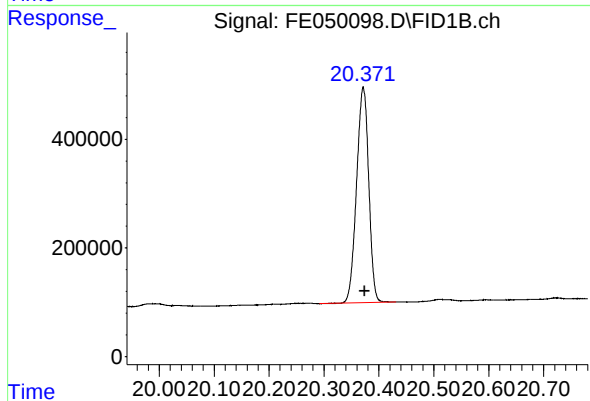
#18 n-Dotriacontane (C32)

R.T.: 18.849 min
Delta R.T.: -0.002 min
Response: 5991154
Conc: 44.96 ug/ml



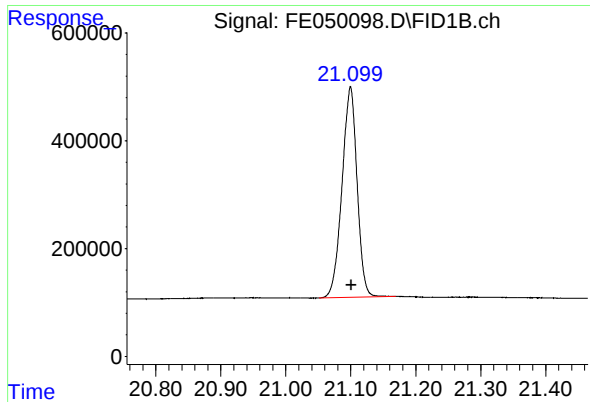
#19 n-Tetratriacontane (C34)

R.T.: 19.633 min
Delta R.T.: 0.000 min
Response: 6136755
Conc: 49.67 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.371 min
Delta R.T.: -0.003 min
Response: 6116560
Conc: 55.13 ug/ml



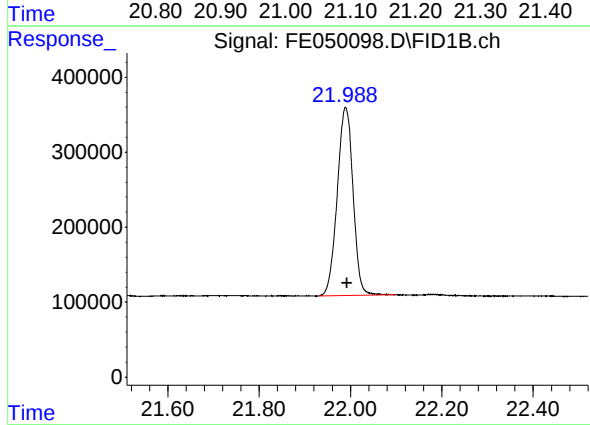
#21 n-Octatriacontane (C38)

R.T.: 21.099 min
Delta R.T.: -0.002 min
Response: 6288287
Conc: 57.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.989 min
Delta R.T.: -0.003 min
Response: 6021440
Conc: 55.34 ug/ml