

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091724AL\
 Data File : FE050151.D
 Signal(s) : FID1B.ch
 Acq On : 17 Sep 2024 15:44
 Operator : YP\AJ
 Sample : PB163455BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB163455BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/18/2024
 Supervised By :Ankita Jodhani 09/18/2024

Integration File: autoint1.e
 Quant Time: Sep 18 01:27:38 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)	11.877	6304482	42.375 ug/ml
Spiked Amount 50.000		Recovery =	84.75%
12) S 1-chlorooctadecane (S...	13.310	5270942	46.925 ug/ml
Spiked Amount 50.000		Recovery =	93.85%
Target Compounds			
1) T n-Nonane (C9)	3.273	5638101	41.596 ug/ml
2) T n-Decane (C10)	4.519	6021733	43.632 ug/ml
3) T A~Naphthalene (C11.7)	6.224	6364363	45.470 ug/ml
4) T n-Dodecane (C12)	6.683	6082924	43.989 ug/ml
5) T A~2-methylnaphthalene...	7.320	5660394	43.065 ug/ml
6) T n-Tetradecane (C14)	8.511	6312022	46.353 ug/ml
7) T n-Hexadecane (C16)	10.115	6359366	45.783 ug/ml
8) T n-Octadecane (C18)	11.557	6354331	45.355 ug/ml
10) T n-Eicosane (C20)	12.867	6373291	47.511 ug/ml
11) T n-Heneicosane (C21)	13.477	6185110	47.072 ug/ml
13) T n-Docosane (C22)	14.061	6080985	46.699 ug/ml
14) T n-Tetracosane (C24)	15.161	11733169	89.847 ug/ml
15) T n-Hexacosane (C26)	16.185	5930164	46.351 ug/ml
16) T n-Octacosane (C28)	17.131	6605921	51.285 ug/ml
17) T n-Tricontane (C30)	18.019	6111597	45.704 ug/ml
18) T n-Dotriacontane (C32)	18.852	6432834	48.274 ug/mlm
19) T n-Tetratriacontane (C34)	19.634	6630710	53.663 ug/ml
20) T n-Hexatriacontane (C36)	20.374	6904865	62.234 ug/mlm
21) T n-Octatriacontane (C38)	21.101	7330895	66.476 ug/ml
22) T n-Tetracontane (C40)	21.993	7170618	65.898 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB163455BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

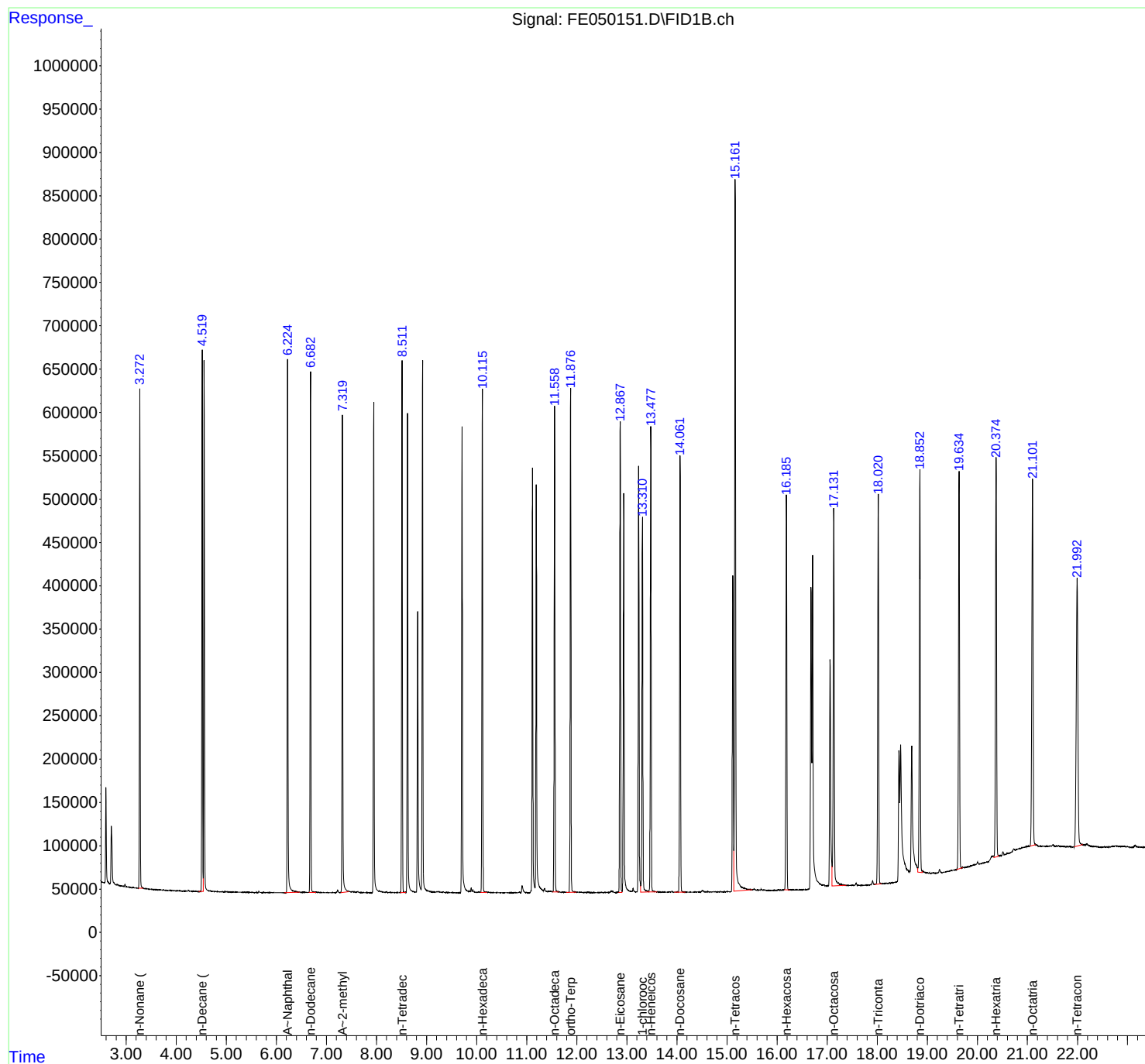
Instrument :
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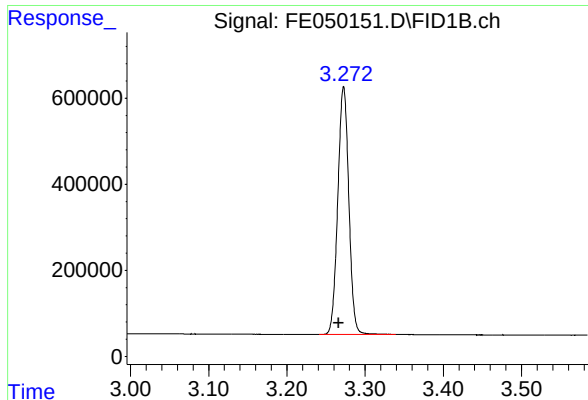
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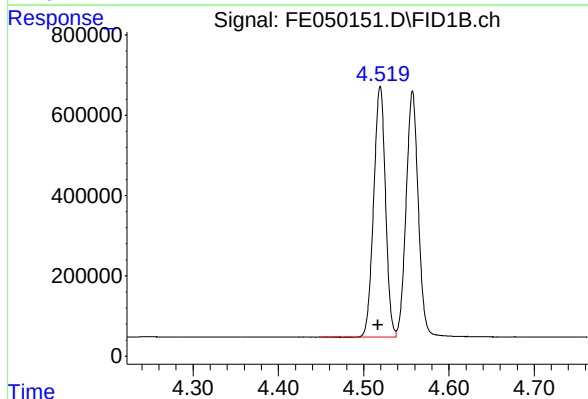
#1 n-Nonane (C9)

R.T.: 3.273 min
Delta R.T.: 0.007 min
Response: 5638101
Conc: 41.60 ug/ml

Instrument :
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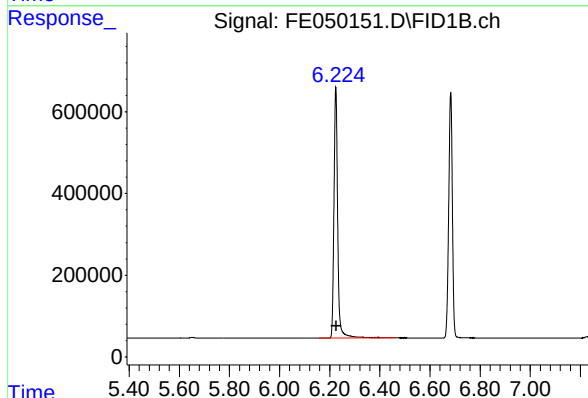
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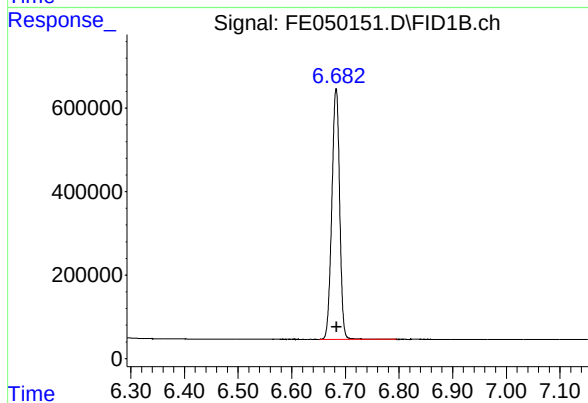
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: 0.003 min
Response: 6021733
Conc: 43.63 ug/ml



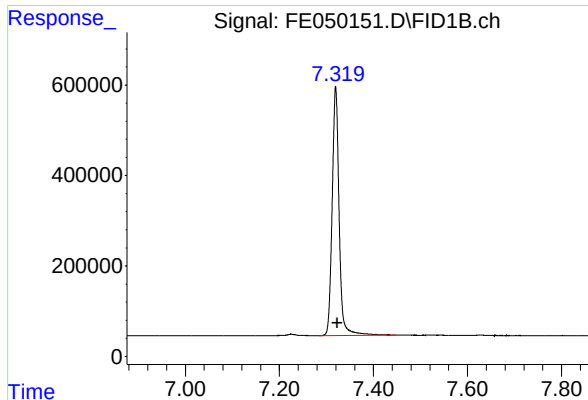
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: -0.003 min
Response: 6364363
Conc: 45.47 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.683 min
Delta R.T.: -0.001 min
Response: 6082924
Conc: 43.99 ug/ml



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

R.T.: 7.320 min
Delta R.T.: -0.003 min
Response: 5660394
Conc: 43.07 ug/ml

Instrument :

FID_E

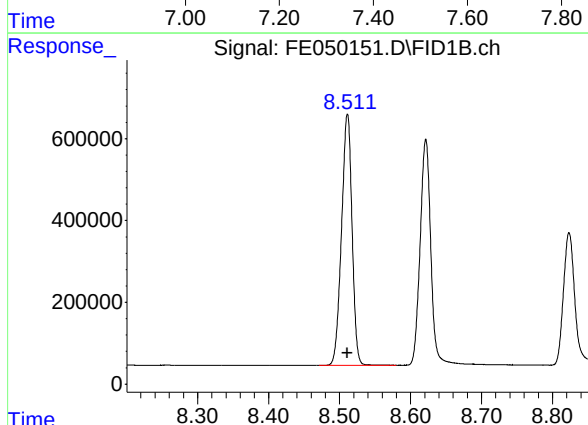
ClientSampleId :

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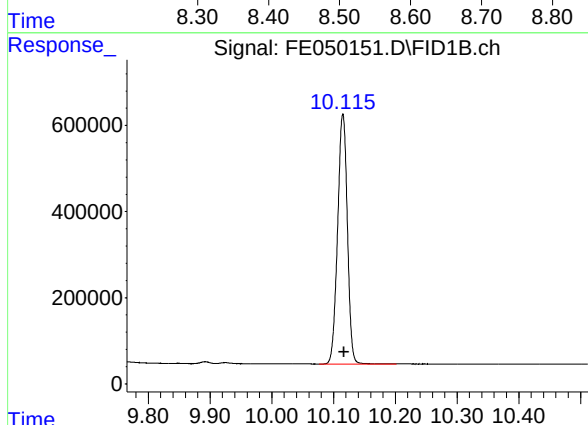
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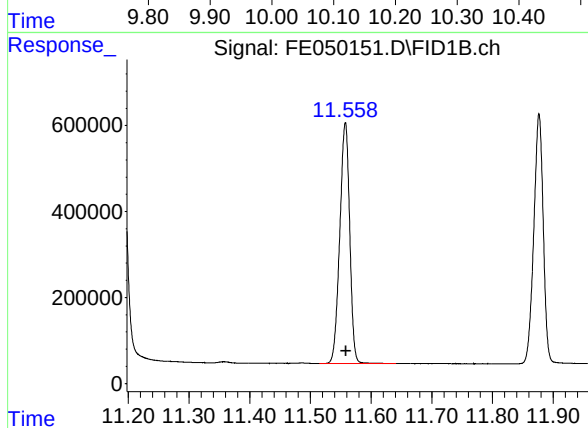
#6 n-Tetradecane (C14)

R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 6312022
Conc: 46.35 ug/ml



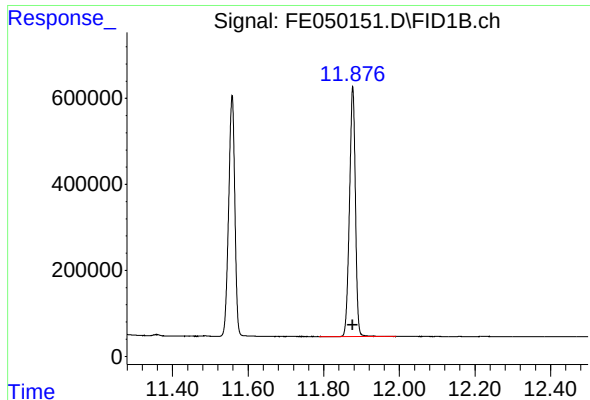
#7 n-Hexadecane (C16)

R.T.: 10.115 min
Delta R.T.: -0.002 min
Response: 6359366
Conc: 45.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.557 min
Delta R.T.: -0.001 min
Response: 6354331
Conc: 45.36 ug/ml



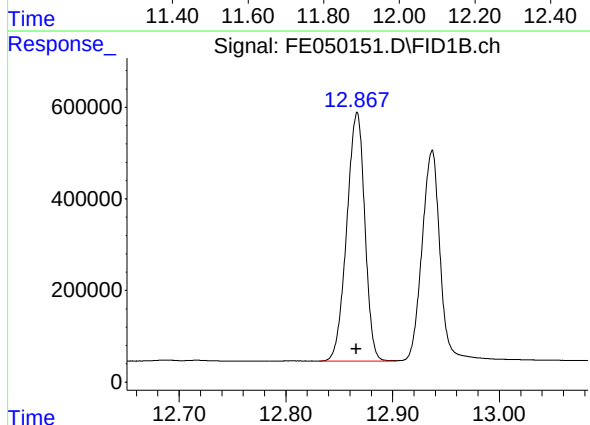
#9 ortho-Terphenyl (SURR)

R.T.: 11.877 min
Delta R.T.: 0.000 min
Response: 6304482
Conc: 42.37 ug/ml

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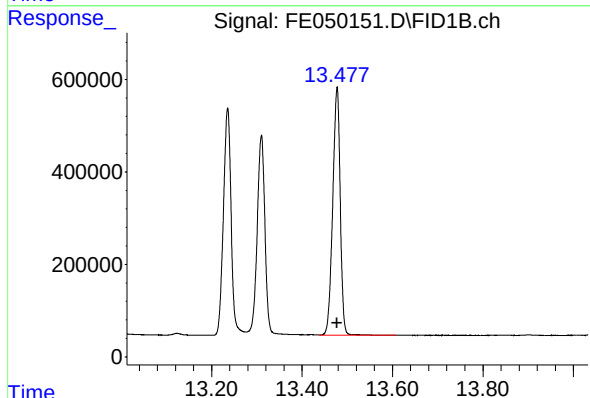
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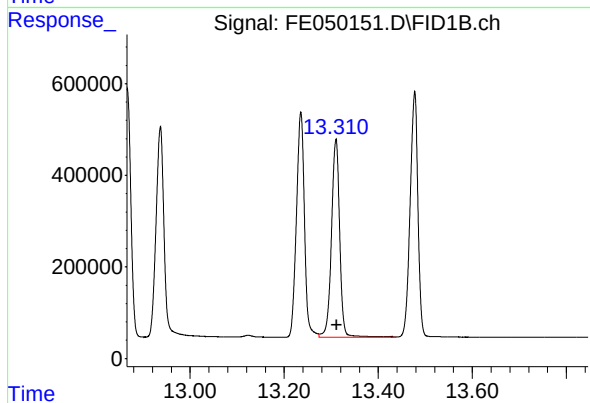
#10 n-Eicosane (C20)

R.T.: 12.867 min
Delta R.T.: 0.000 min
Response: 6373291
Conc: 47.51 ug/ml



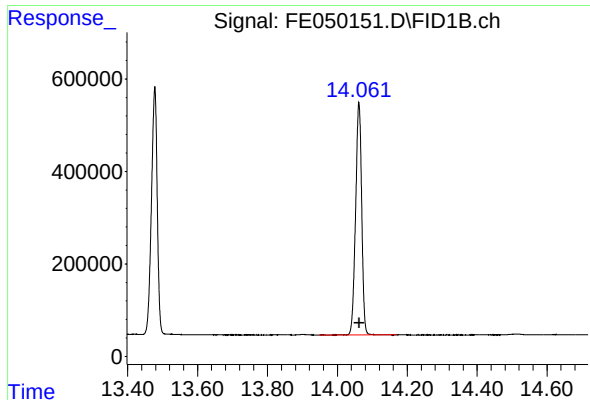
#11 n-Heneicosane (C21)

R.T.: 13.477 min
Delta R.T.: 0.000 min
Response: 6185110
Conc: 47.07 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.310 min
Delta R.T.: -0.002 min
Response: 5270942
Conc: 46.92 ug/ml



#13 n-Docosane (C22)

R.T.: 14.061 min
Delta R.T.: -0.002 min
Response: 6080985
Conc: 46.70 ug/ml

Instrument :

FID_E

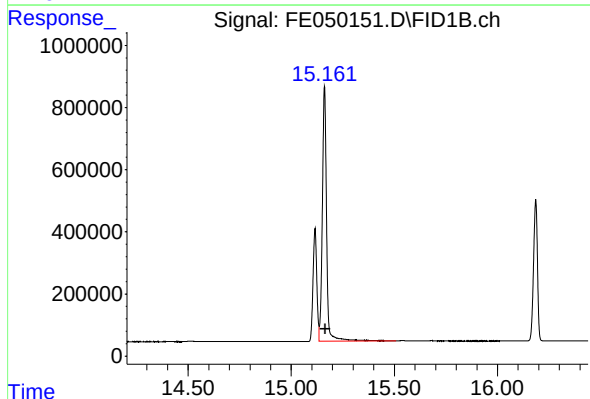
ClientSampleId :

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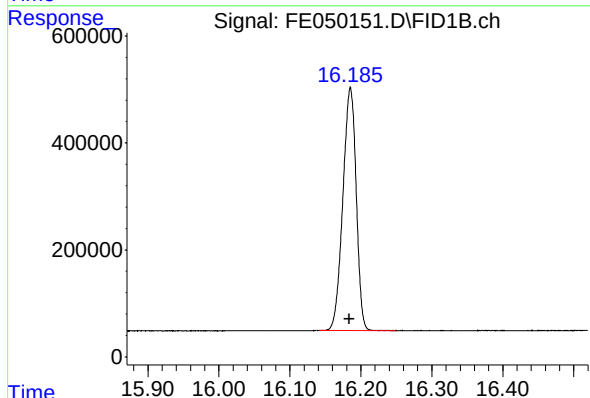
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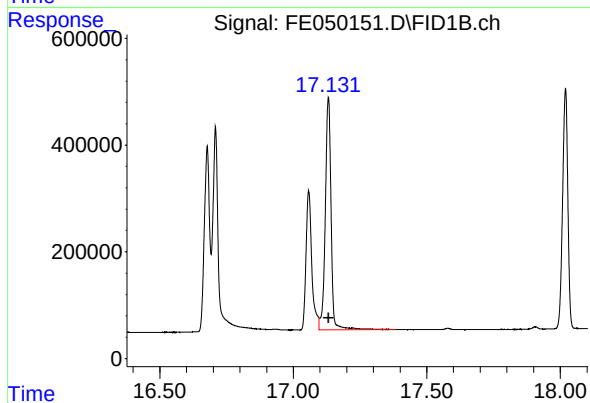
#14 n-Tetracosane (C24)

R.T.: 15.161 min
Delta R.T.: -0.003 min
Response: 11733169
Conc: 89.85 ug/ml



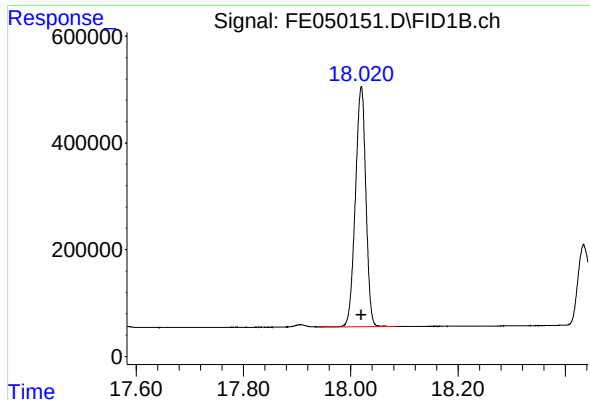
#15 n-Hexacosane (C26)

R.T.: 16.185 min
Delta R.T.: 0.000 min
Response: 5930164
Conc: 46.35 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.131 min
Delta R.T.: -0.002 min
Response: 6605921
Conc: 51.28 ug/ml



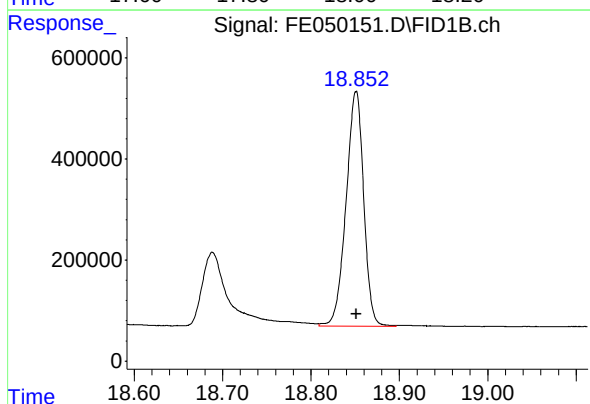
#17 n-Tricontane (C30)

R.T.: 18.019 min
Delta R.T.: 0.000 min
Response: 6111597
Conc: 45.70 ug/ml

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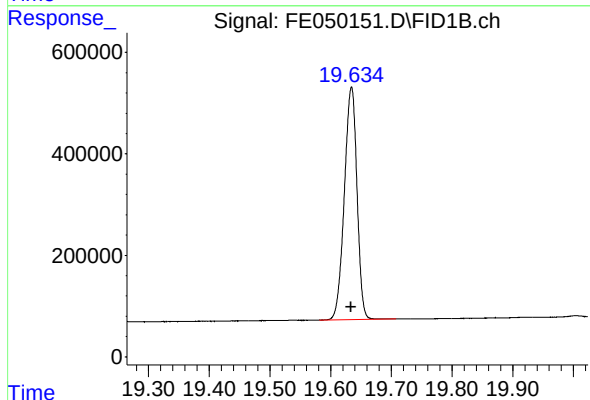
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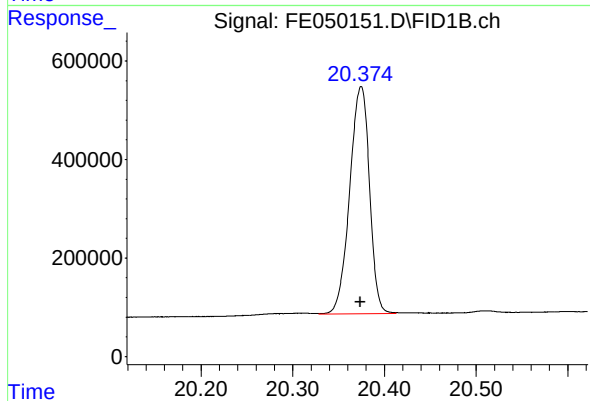
#18 n-Dotriacontane (C32)

R.T.: 18.852 min
Delta R.T.: 0.000 min
Response: 6432834
Conc: 48.27 ug/ml m



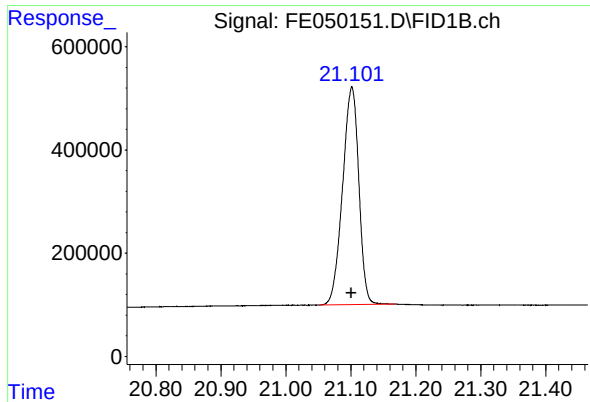
#19 n-Tetratriacontane (C34)

R.T.: 19.634 min
Delta R.T.: 0.000 min
Response: 6630710
Conc: 53.66 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.374 min
Delta R.T.: 0.000 min
Response: 6904865
Conc: 62.23 ug/ml m



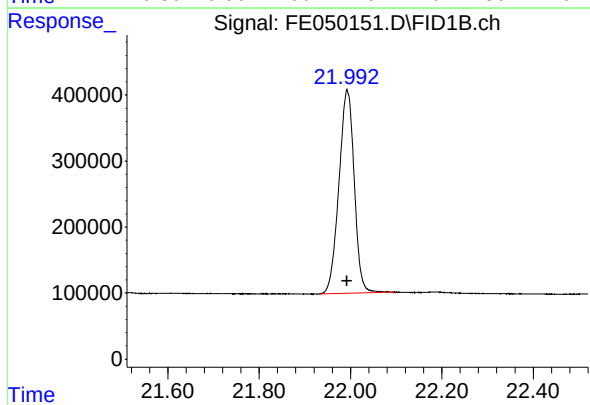
#21 n-Octatriacontane (C38)

R.T.: 21.101 min
Delta R.T.: 0.000 min
Response: 7330895
Conc: 66.48 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.993 min
Delta R.T.: 0.000 min
Response: 7170618
Conc: 65.90 ug/ml