

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100424AL\
 Data File : FE050511.D
 Signal(s) : FID1B.ch
 Acq On : 04 Oct 2024 14:19
 Operator : YP\AJ
 Sample : PB163899BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB163899BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :Ankita Jodhani 10/07/2024

Integration File: autoint1.e

Quant Time: Oct 05 00:26:05 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)	11.863	7072742	47.538 ug/ml
Spiked Amount 50.000		Recovery =	95.08%
12) S 1-chlorooctadecane (S...	13.295	5848395	52.066 ug/ml
Spiked Amount 50.000		Recovery =	104.13%
Target Compounds			
1) T n-Nonane (C9)	3.259	5156505	38.043 ug/ml
2) T n-Decane (C10)	4.505	5543888	40.170 ug/ml
3) T A~Naphthalene (C11.7)	6.211	6309929	45.081 ug/ml
4) T n-Dodecane (C12)	6.670	5950246	43.029 ug/ml
5) T A~2-methylnaphthalene...	7.307	5980098	45.497 ug/ml
6) T n-Tetradecane (C14)	8.497	6294382	46.224 ug/ml
7) T n-Hexadecane (C16)	10.101	6451464	46.446 ug/ml
8) T n-Octadecane (C18)	11.543	6494752	46.357 ug/ml
10) T n-Eicosane (C20)	12.851	6502785	48.476 ug/ml
11) T n-Heneicosane (C21)	13.461	6302758	47.967 ug/ml
13) T n-Docosane (C22)	14.046	6217478	47.747 ug/ml
14) T n-Tetracosane (C24)	15.146	12452304	95.354 ug/ml
15) T n-Hexacosane (C26)	16.168	6077879	47.506 ug/ml
16) T n-Octacosane (C28)	17.115	7375946	57.263 ug/ml
17) T n-Tricontane (C30)	18.002	6343566	47.439 ug/ml
18) T n-Dotriacontane (C32)	18.834	6569097	49.297 ug/mlm
19) T n-Tetratriacontane (C34)	19.615	6468170	52.348 ug/mlm
20) T n-Hexatriacontane (C36)	20.354	6192028	55.809 ug/mlm
21) T n-Octatriacontane (C38)	21.078	5844205	52.994 ug/ml
22) T n-Tetracontane (C40)	21.963	5153956	47.365 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB163899BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

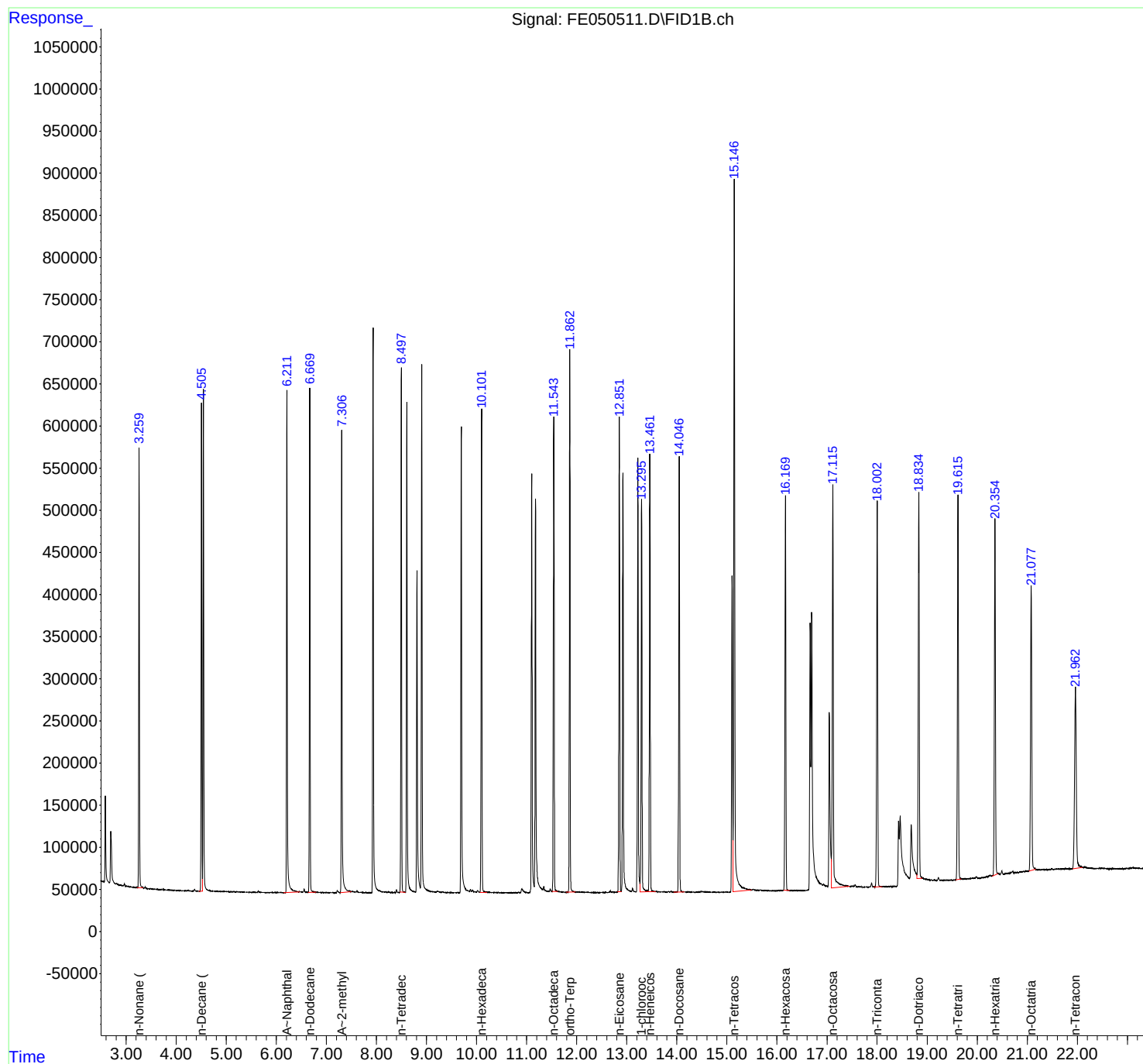
Instrument :
FID_E
ClientSampleId :
PB163899BS

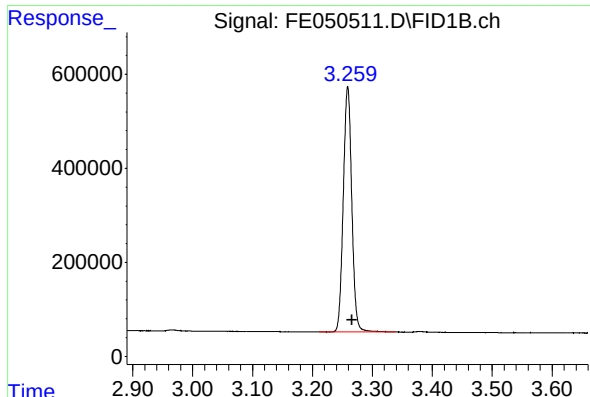
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.
Quant Title : GC Extractables
QLast Update : Mon Sep 09 17:11:47 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.259 min
Delta R.T.: -0.007 min
Response: 5156505
Conc: 38.04 ug/ml

Instrument :

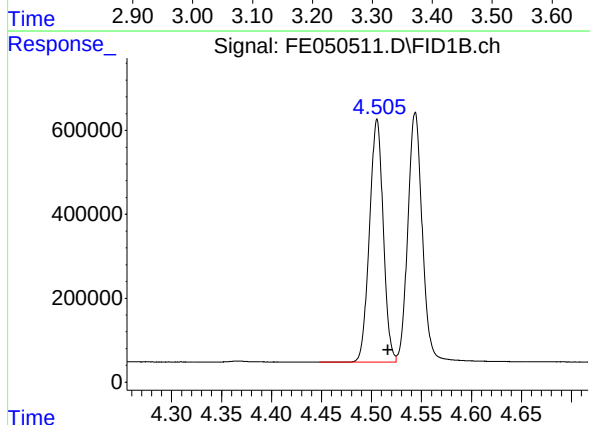
FID_E

ClientSampleId :

PB163899BS

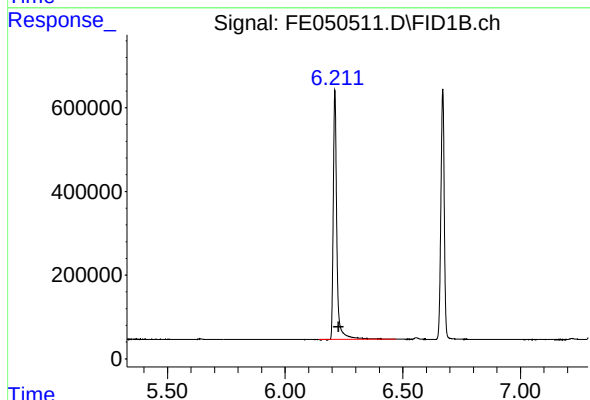
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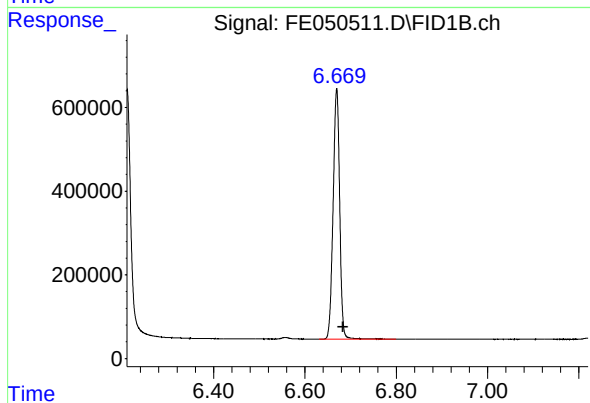
#2 n-Decane (C10)

R.T.: 4.505 min
Delta R.T.: -0.011 min
Response: 5543888
Conc: 40.17 ug/ml



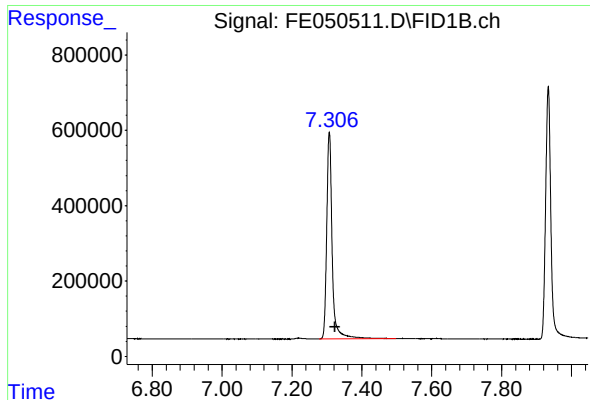
#3 A~Naphthalene (C11.7)

R.T.: 6.211 min
Delta R.T.: -0.016 min
Response: 6309929
Conc: 45.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.670 min
Delta R.T.: -0.014 min
Response: 5950246
Conc: 43.03 ug/ml



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

R.T.: 7.307 min
Delta R.T.: -0.016 min
Response: 5980098
Conc: 45.50 ug/ml

Instrument :

FID_E

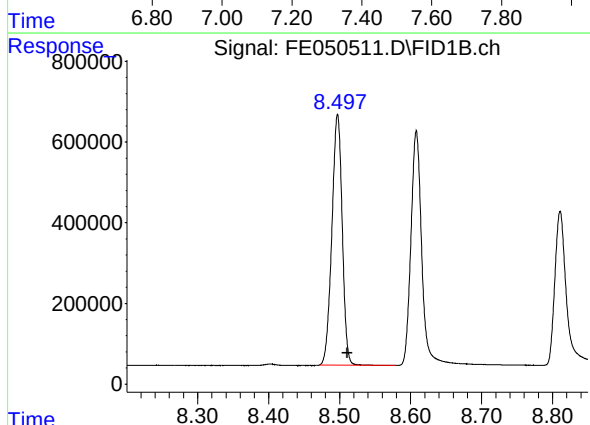
ClientSampleId :

PB163899BS

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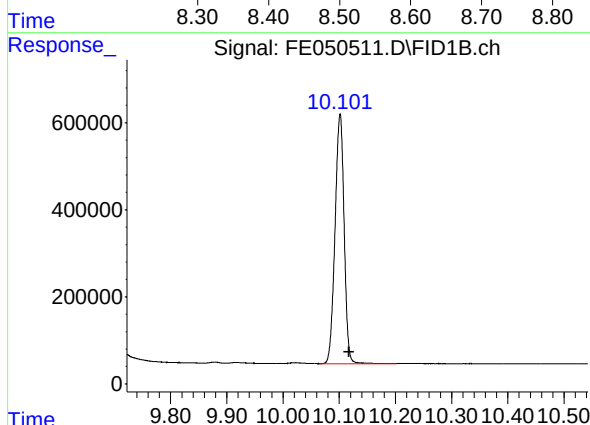
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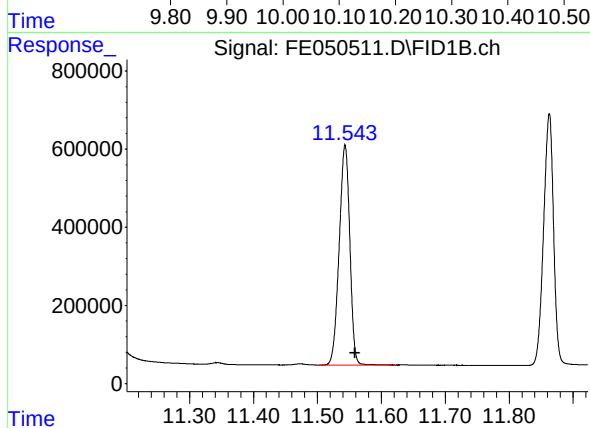
#6 n-Tetradecane (C14)

R.T.: 8.497 min
Delta R.T.: -0.014 min
Response: 6294382
Conc: 46.22 ug/ml



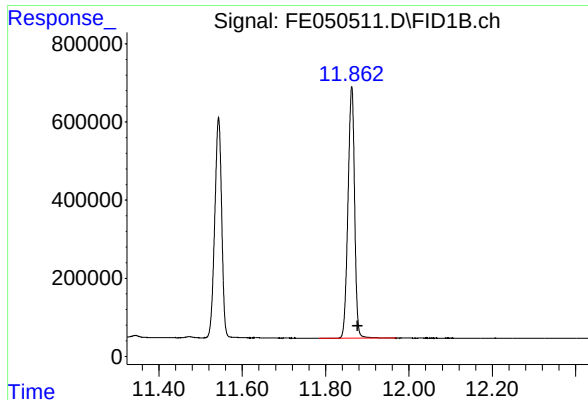
#7 n-Hexadecane (C16)

R.T.: 10.101 min
Delta R.T.: -0.016 min
Response: 6451464
Conc: 46.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.543 min
Delta R.T.: -0.015 min
Response: 6494752
Conc: 46.36 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.863 min
Delta R.T.: -0.014 min
Response: 7072742
Conc: 47.54 ug/ml

Instrument :

FID_E

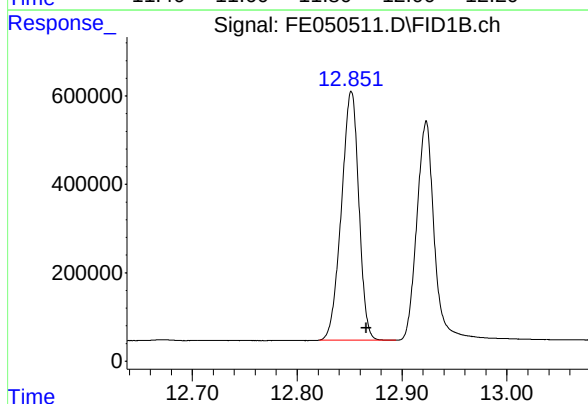
ClientSampleId :

PB163899BS

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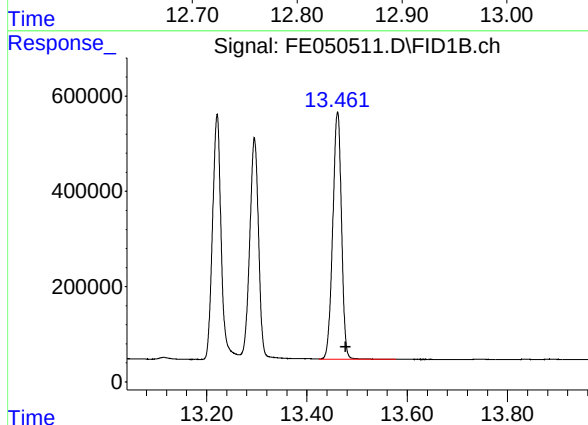
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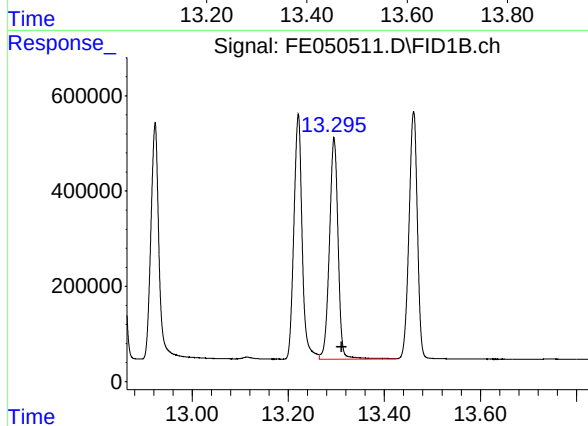
#10 n-Eicosane (C20)

R.T.: 12.851 min
Delta R.T.: -0.014 min
Response: 6502785
Conc: 48.48 ug/ml



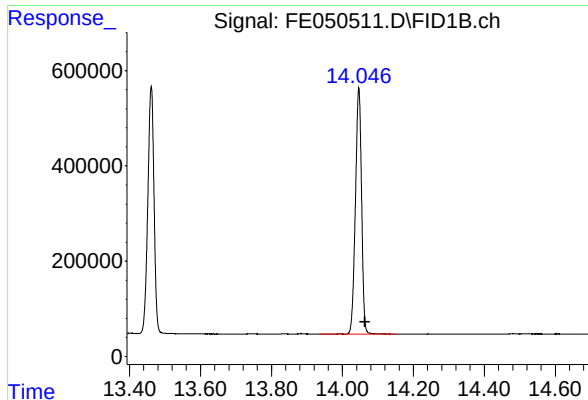
#11 n-Heneicosane (C21)

R.T.: 13.461 min
Delta R.T.: -0.017 min
Response: 6302758
Conc: 47.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.295 min
Delta R.T.: -0.016 min
Response: 5848395
Conc: 52.07 ug/ml



#13 n-Docosane (C22)

R.T.: 14.046 min
Delta R.T.: -0.017 min
Response: 6217478
Conc: 47.75 ug/ml

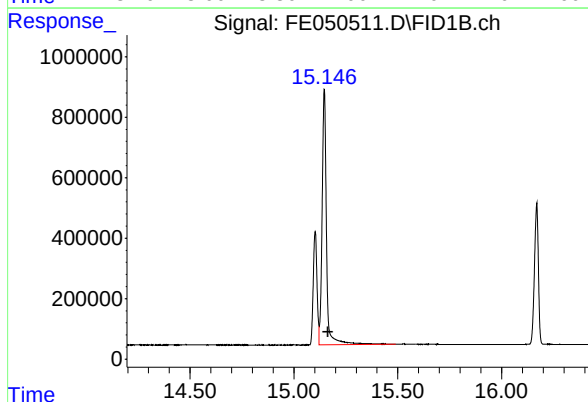
Instrument :

FID_E

ClientSampleId :
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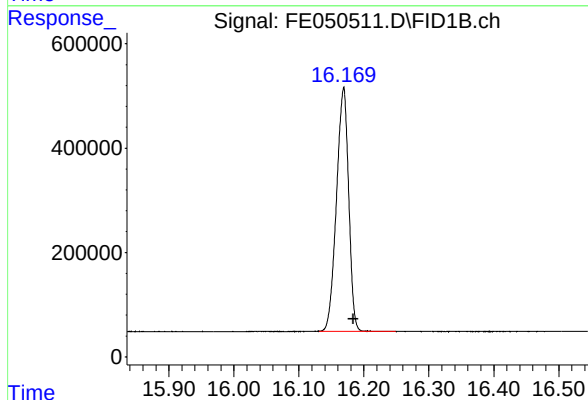
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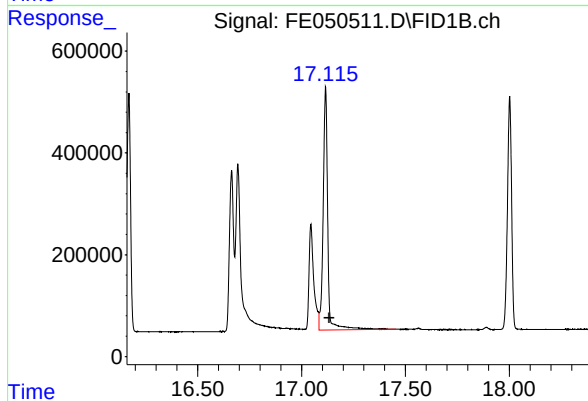
#14 n-Tetracosane (C24)

R.T.: 15.146 min
Delta R.T.: -0.019 min
Response: 12452304
Conc: 95.35 ug/ml



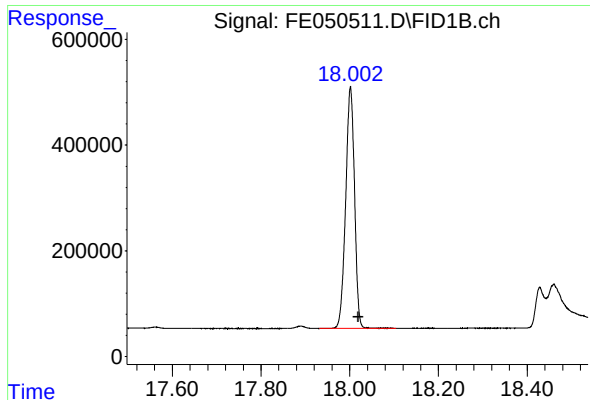
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.016 min
Response: 6077879
Conc: 47.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.115 min
Delta R.T.: -0.018 min
Response: 7375946
Conc: 57.26 ug/ml



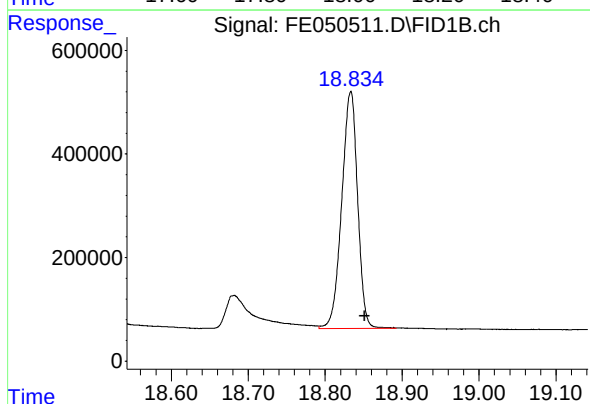
#17 n-Tricontane (C30)

R.T.: 18.002 min
Delta R.T.: -0.018 min
Response: 6343566
Conc: 47.44 ug/ml

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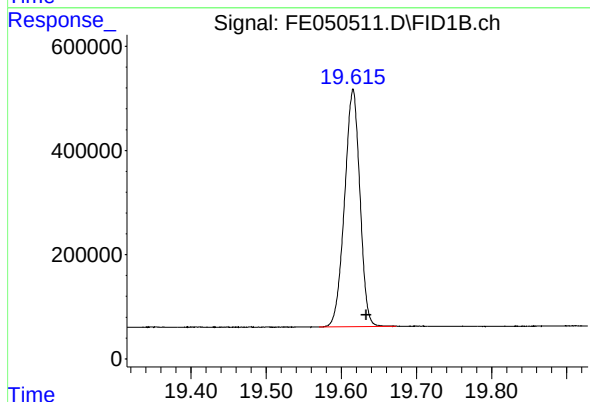
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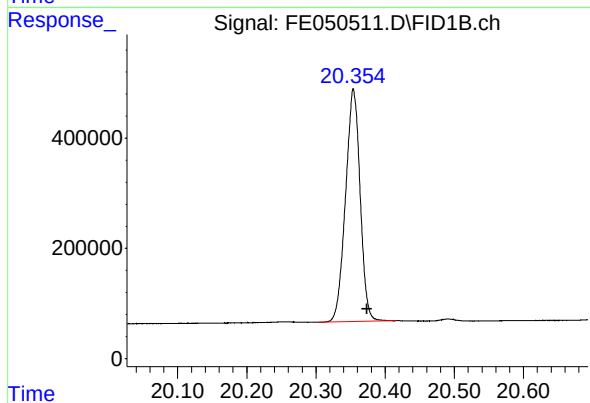
#18 n-Dotriacontane (C32)

R.T.: 18.834 min
Delta R.T.: -0.018 min
Response: 6569097
Conc: 49.30 ug/ml



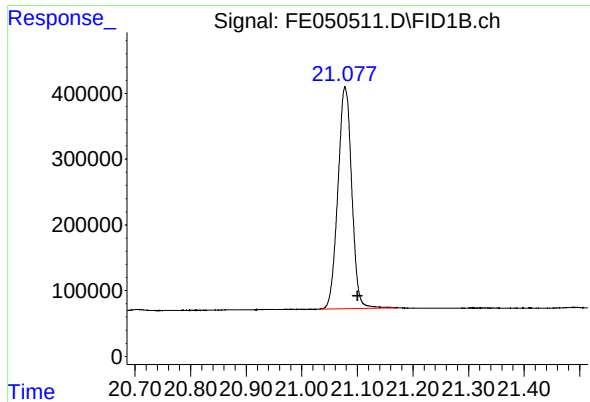
#19 n-Tetratriacontane (C34)

R.T.: 19.615 min
Delta R.T.: -0.018 min
Response: 6468170
Conc: 52.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.354 min
Delta R.T.: -0.020 min
Response: 6192028
Conc: 55.81 ug/ml



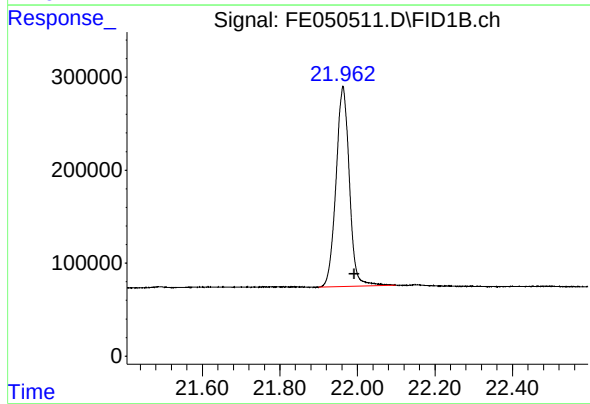
#21 n-Octatriacontane (C38)

R.T.: 21.078 min
Delta R.T.: -0.023 min
Response: 5844205
Conc: 52.99 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.963 min
Delta R.T.: -0.030 min
Response: 5153956
Conc: 47.36 ug/ml