

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE123024AL\
 Data File : FE051810.D
 Signal(s) : FID1B.ch
 Acq On : 30 Dec 2024 15:52
 Operator : YP\AJ
 Sample : PB165899BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB165899BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/31/2024

Supervised By :Ankita Jodhani 12/31/2024

Integration File: autoint1.e

Quant Time: Dec 31 02:15:44 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122724.M

Quant Title : GC Extractables

QLast Update : Mon Dec 30 09:52:06 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)	12.049	5452231	35.997 ug/ml
Spiked Amount 50.000		Recovery =	71.99%
12) S 1-chlorooctadecane (S...	13.471	4529970	38.940 ug/ml
Spiked Amount 50.000		Recovery =	77.88%
Target Compounds			
1) T n-Nonane (C9)	3.505	3947325	34.032 ug/ml
2) T n-Decane (C10)	4.738	4216922	35.045 ug/ml
3) T A~Naphthalene (C11.7)	6.429	5077819	36.532 ug/ml
4) T n-Dodecane (C12)	6.876	4433830	35.290 ug/ml
5) T A~2-methylnaphthalene...	7.514	4764583	34.808 ug/ml
6) T n-Tetradecane (C14)	8.692	4632985	36.029 ug/ml
7) T n-Hexadecane (C16)	10.289	4738658	34.821 ug/ml
8) T n-Octadecane (C18)	11.724	4809986	34.352 ug/ml
10) T n-Eicosane (C20)	13.027	4957681	36.630 ug/ml
11) T n-Heneicosane (C21)	13.635	4745460	35.625 ug/ml
13) T n-Docosane (C22)	14.218	4695080	35.568 ug/ml
14) T n-Tetracosane (C24)	15.313	9286939	71.571 ug/ml
15) T n-Hexacosane (C26)	16.332	4444295	35.387 ug/ml
16) T n-Octacosane (C28)	17.275	4362439	36.136 ug/ml
17) T n-Tricontane (C30)	18.159	4311839	35.828 ug/ml
18) T n-Dotriacontane (C32)	18.987	4228571	36.948 ug/ml
19) T n-Tetratriacontane (C34)	19.767	4260348	42.241 ug/ml
20) T n-Hexatriacontane (C36)	20.504	4121438	46.241 ug/mlm
21) T n-Octatriacontane (C38)	21.256	4176104	48.639 ug/ml
22) T n-Tetracontane (C40)	22.204	4297848	48.731 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE123024AL\
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Acq On : 30 Dec 2024 15:52
Operator : YP\AJ
Sample : PB165899BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

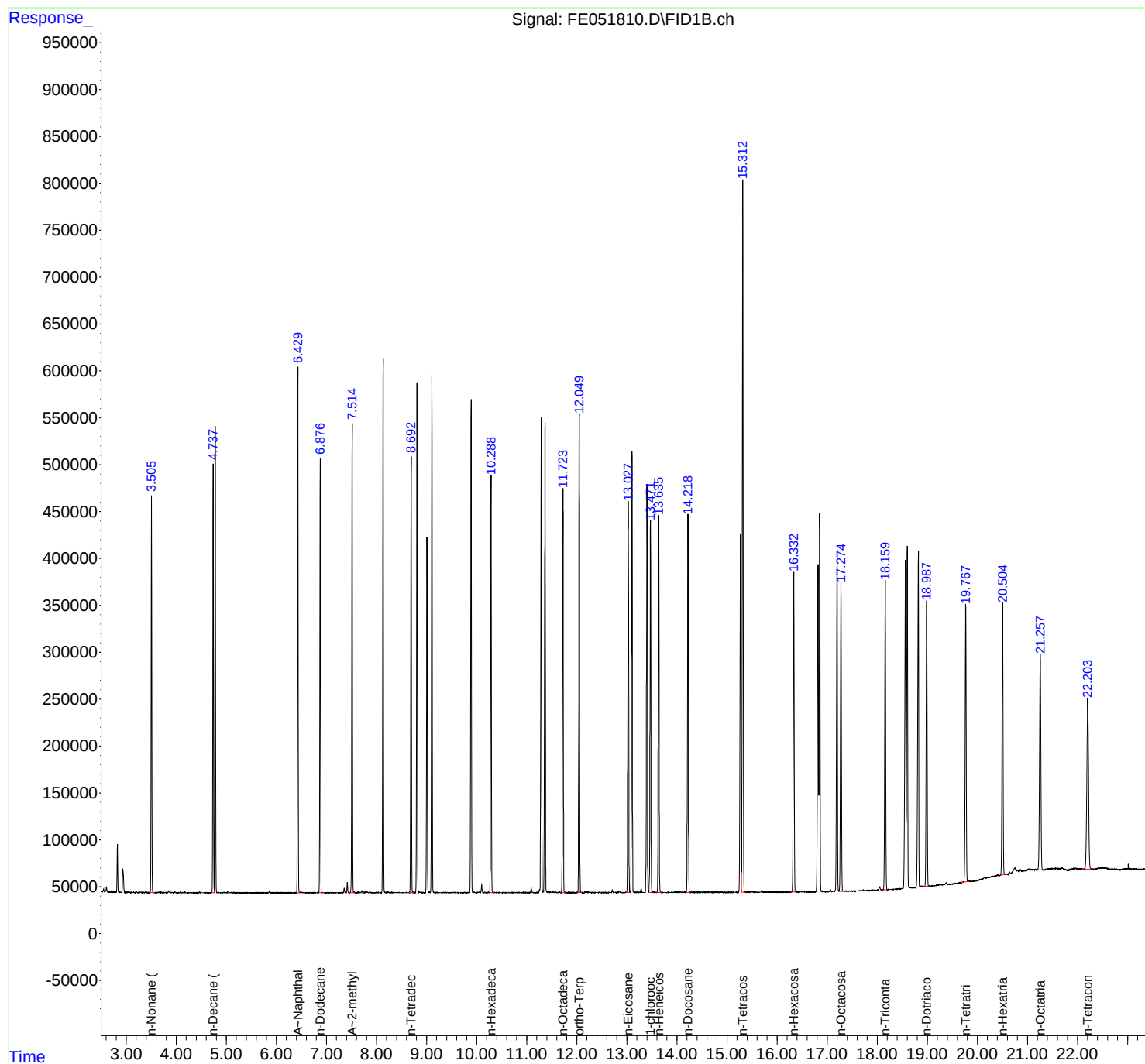
Instrument :
FID_E
ClientSampleId :
PB165899BSD

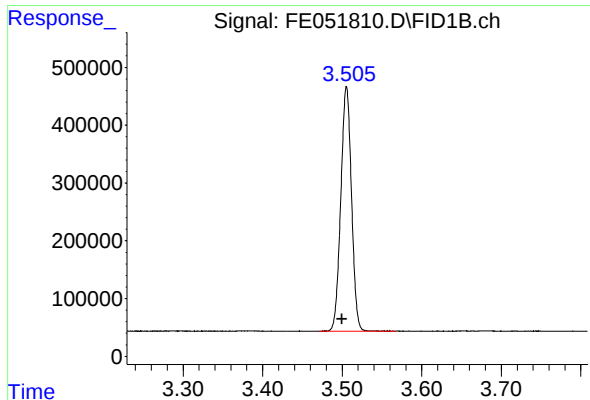
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Quant Title : GC Extractables
QLast Update : Mon Dec 30 09:52:06 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.505 min
Delta R.T.: 0.005 min
Response: 3947325
Conc: 34.03 ug/ml

Instrument :

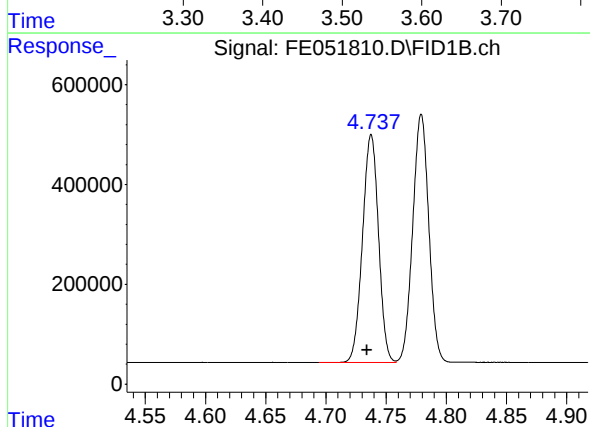
FID_E

ClientSampleId :

PB165899BSD

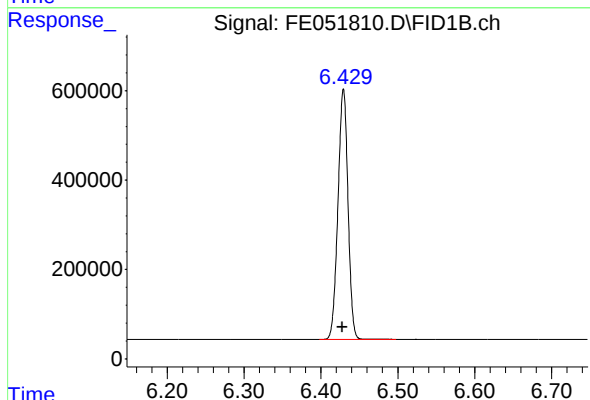
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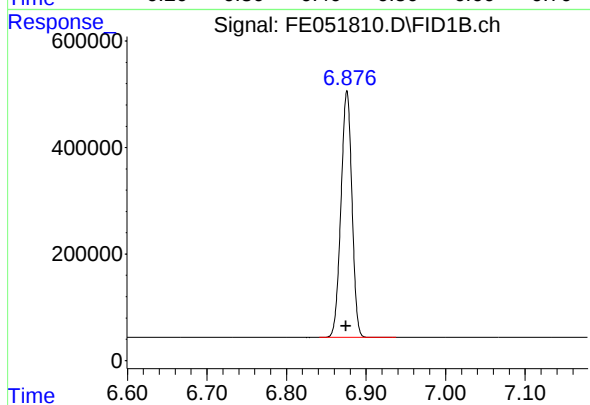
#2 n-Decane (C10)

R.T.: 4.738 min
Delta R.T.: 0.003 min
Response: 4216922
Conc: 35.04 ug/ml



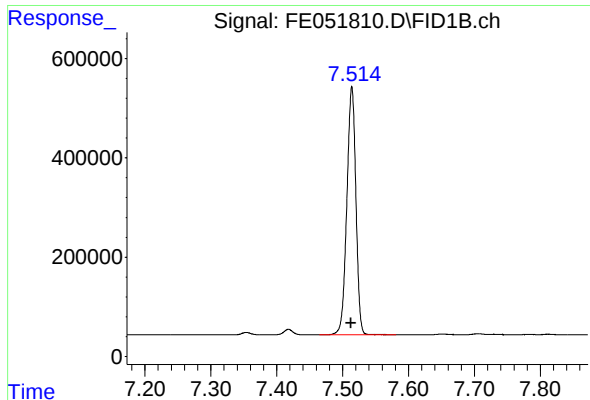
#3 A~Naphthalene (C11.7)

R.T.: 6.429 min
Delta R.T.: 0.001 min
Response: 5077819
Conc: 36.53 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.876 min
Delta R.T.: 0.001 min
Response: 4433830
Conc: 35.29 ug/ml



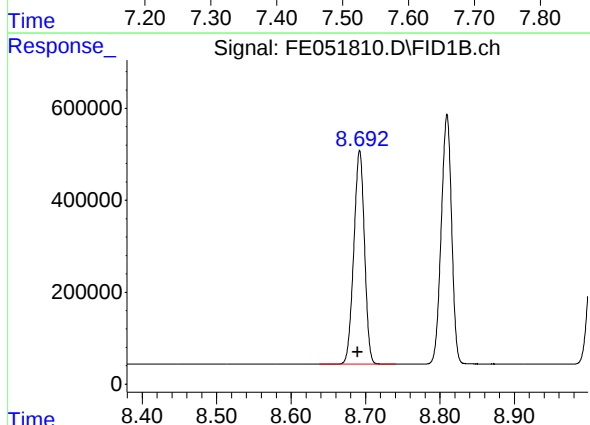
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.514 min
Delta R.T.: 0.000 min
Response: 4764583
Conc: 34.81 ug/ml

Instrument :
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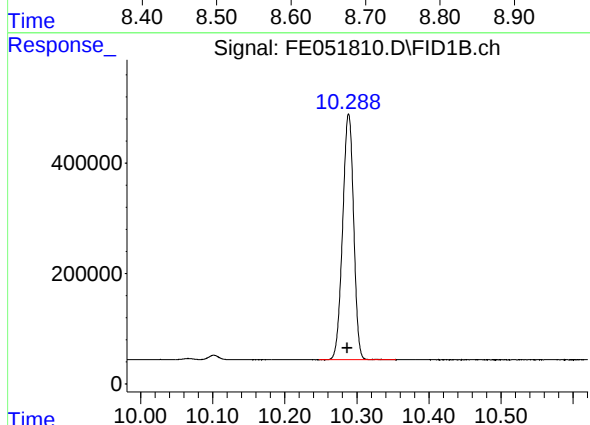
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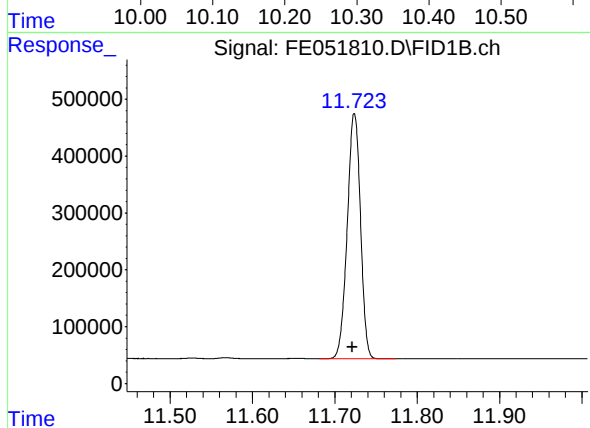
#6 n-Tetradecane (C14)

R.T.: 8.692 min
Delta R.T.: 0.002 min
Response: 4632985
Conc: 36.03 ug/ml



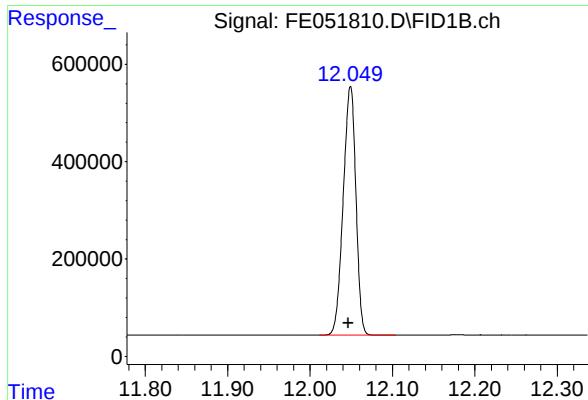
#7 n-Hexadecane (C16)

R.T.: 10.289 min
Delta R.T.: 0.002 min
Response: 4738658
Conc: 34.82 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.724 min
Delta R.T.: 0.003 min
Response: 4809986
Conc: 34.35 ug/ml



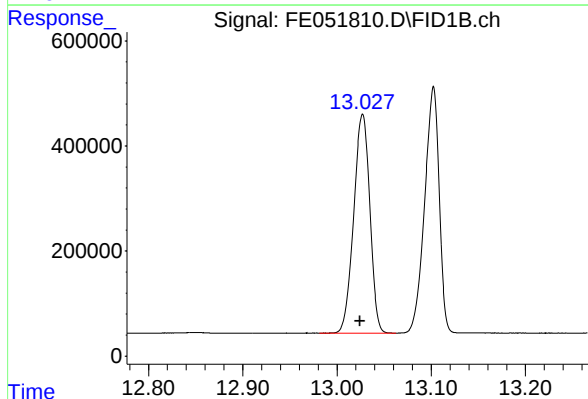
#9 ortho-Terphenyl (SURR)

R.T.: 12.049 min
Delta R.T.: 0.003 min
Response: 5452231
Conc: 36.00 ug/ml

Instrument :
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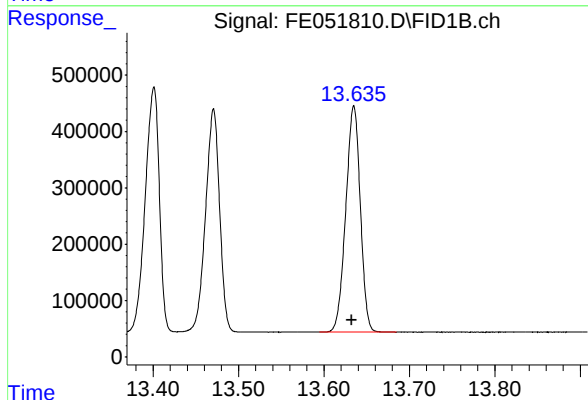
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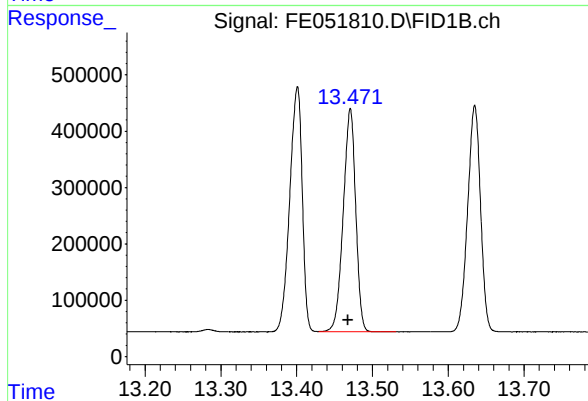
#10 n-Eicosane (C20)

R.T.: 13.027 min
Delta R.T.: 0.003 min
Response: 4957681
Conc: 36.63 ug/ml



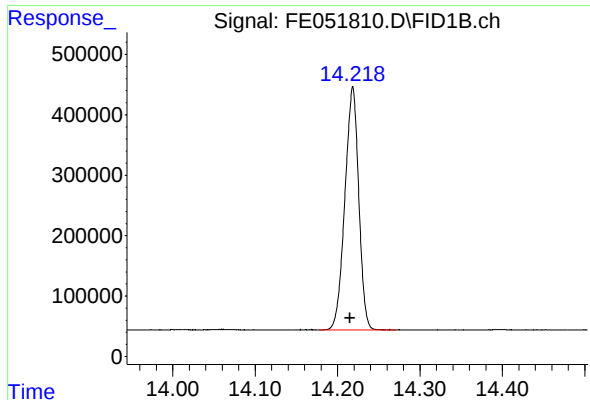
#11 n-Heneicosane (C21)

R.T.: 13.635 min
Delta R.T.: 0.002 min
Response: 4745460
Conc: 35.62 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.471 min
Delta R.T.: 0.003 min
Response: 4529970
Conc: 38.94 ug/ml



#13 n-Docosane (C22)

R.T.: 14.218 min
Delta R.T.: 0.003 min
Response: 4695080
Conc: 35.57 ug/ml

Instrument :

FID_E

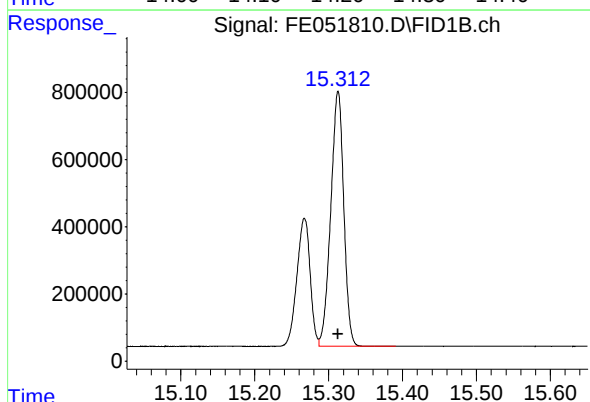
ClientSampleId :

PB165899BSD

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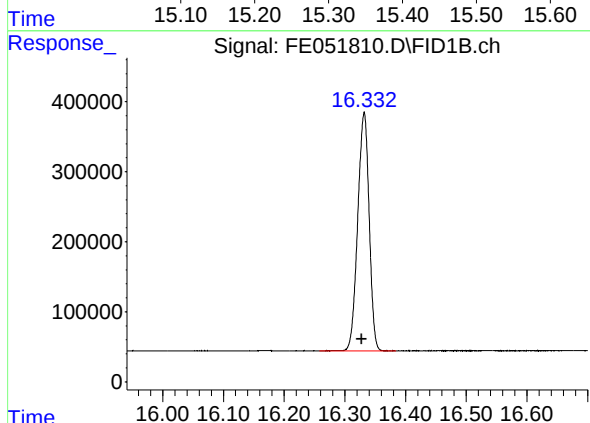
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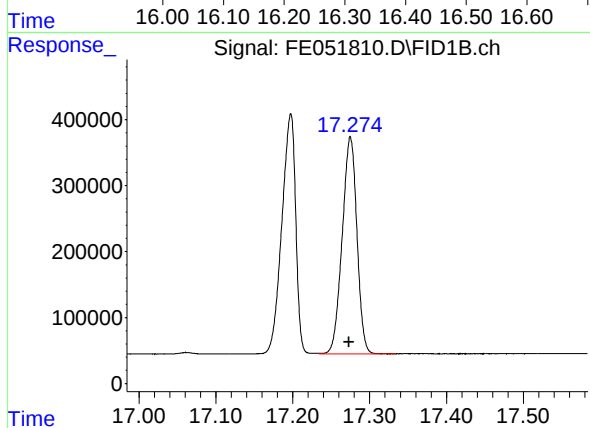
#14 n-Tetracosane (C24)

R.T.: 15.313 min
Delta R.T.: 0.000 min
Response: 9286939
Conc: 71.57 ug/ml



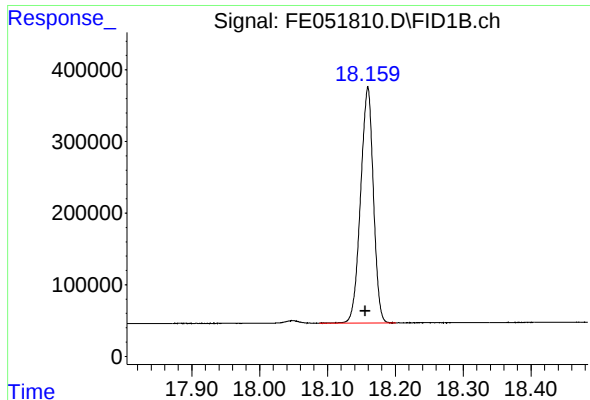
#15 n-Hexacosane (C26)

R.T.: 16.332 min
Delta R.T.: 0.004 min
Response: 4444295
Conc: 35.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.275 min
Delta R.T.: 0.002 min
Response: 4362439
Conc: 36.14 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.159 min
Delta R.T.: 0.004 min
Response: 4311839
Conc: 35.83 ug/ml

Instrument :

FID_E

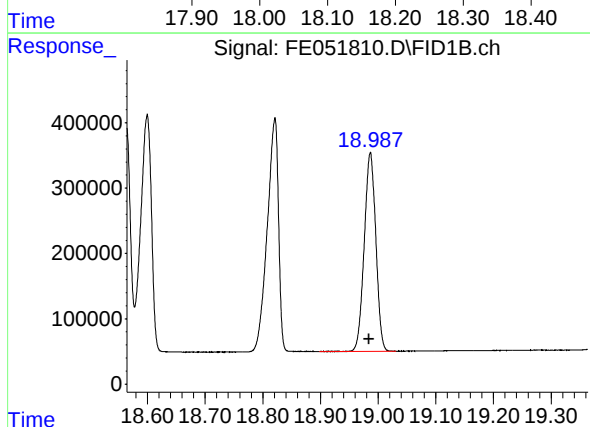
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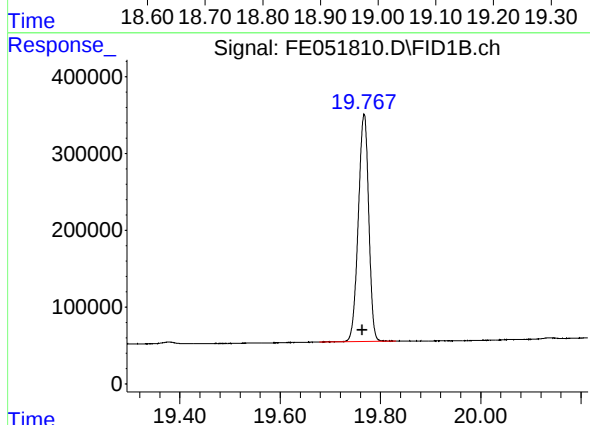
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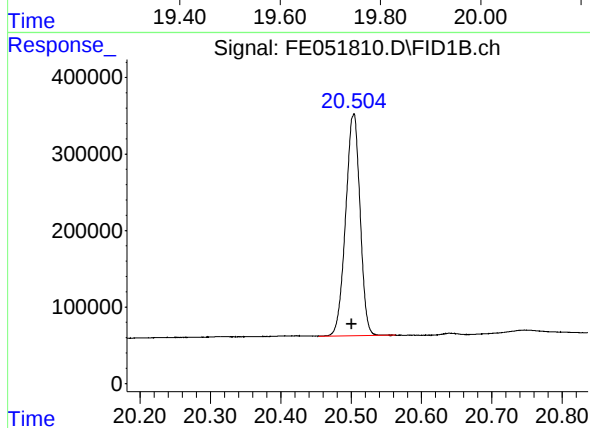
#18 n-Dotriacontane (C32)

R.T.: 18.987 min
Delta R.T.: 0.003 min
Response: 4228571
Conc: 36.95 ug/ml



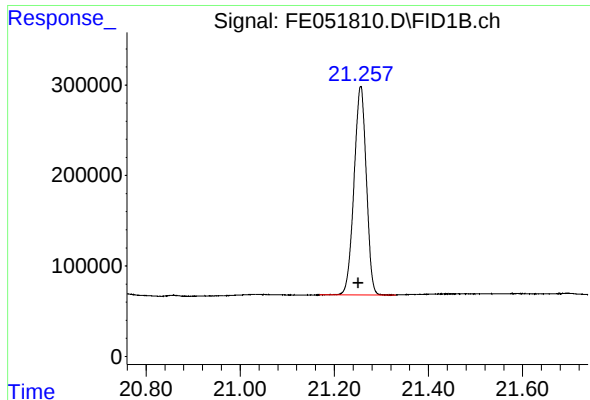
#19 n-Tetratriacontane (C34)

R.T.: 19.767 min
Delta R.T.: 0.003 min
Response: 4260348
Conc: 42.24 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.504 min
Delta R.T.: 0.003 min
Response: 4121438
Conc: 46.24 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.256 min
Delta R.T.: 0.005 min
Response: 4176104
Conc: 48.64 ug/ml

Instrument :

FID_E

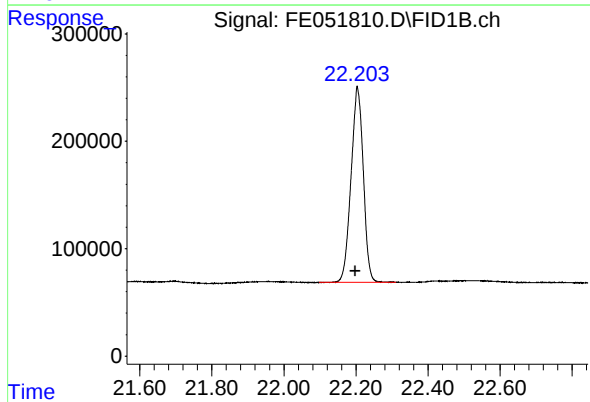
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#22 n-Tetracontane (C40)

R.T.: 22.204 min
Delta R.T.: 0.007 min
Response: 4297848
Conc: 48.73 ug/ml