

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121223AL\
 Data File : FF013842.D
 Signal(s) : FID2B.ch
 Acq On : 12 Dec 2023 17:23
 Operator : YP\AJ
 Sample : 05745-02MS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

WC-1-EPHMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/13/2023

Supervised By :Ankita Jodhani 12/13/2023

Integration File: autoint1.e

Quant Time: Dec 12 22:37:27 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 121123.M

Quant Title : GC Extractables

QLast Update : Tue Dec 12 06:36:20 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)	11.872	5886989	39.949 ug/ml
Spiked Amount 50.000		Recovery =	79.90%
12) S 1-chlorooctadecane (S...	13.312	4218574	39.624 ug/ml
Spiked Amount 50.000		Recovery =	79.25%
Target Compounds			
1) T n-Nonane (C9)	3.266	3277862	27.195 ug/ml
2) T n-Decane (C10)	4.517	3700008	30.400 ug/ml
3) T A~Naphthalene (C11.7)	6.213	4269901	32.985 ug/ml
4) T n-Dodecane (C12)	6.680	4130324	33.677 ug/ml
5) T A~2-methylnaphthalene...	7.308	4375488	34.860 ug/ml
6) T n-Tetradecane (C14)	8.508	4392971	36.536 ug/ml
7) T n-Hexadecane (C16)	10.114	4567074	37.342 ug/ml
8) T n-Octadecane (C18)	11.558	4744092	38.551 ug/ml
10) T n-Eicosane (C20)	12.868	4706153	39.315 ug/ml
11) T n-Heneicosane (C21)	13.479	4510685	38.244 ug/ml
13) T n-Docosane (C22)	14.067	4510866	38.727 ug/ml
14) T n-Tetracosane (C24)	15.143	8701875	76.053 ug/mlm
15) T n-Hexacosane (C26)	16.193	4317033	38.552 ug/ml
16) T n-Octacosane (C28)	17.143	4277952	38.977 ug/ml
17) T n-Tricontane (C30)	18.032	4211414	37.907 ug/ml
18) T n-Dotriacontane (C32)	18.863	4123833	37.086 ug/ml
19) T n-Tetratriacontane (C34)	19.648	3994483	37.089 ug/ml
20) T n-Hexatriacontane (C36)	20.387	3813310	34.309 ug/ml
21) T n-Octatriacontane (C38)	21.115	3757731	34.368 ug/ml
22) T n-Tetracontane (C40)	22.007	3871147	34.184 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121223AL\
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Operator : YP\AJ
Sample : 05745-02MS
Misc :
ALS Vial : 43 Sample Multiplier: 1

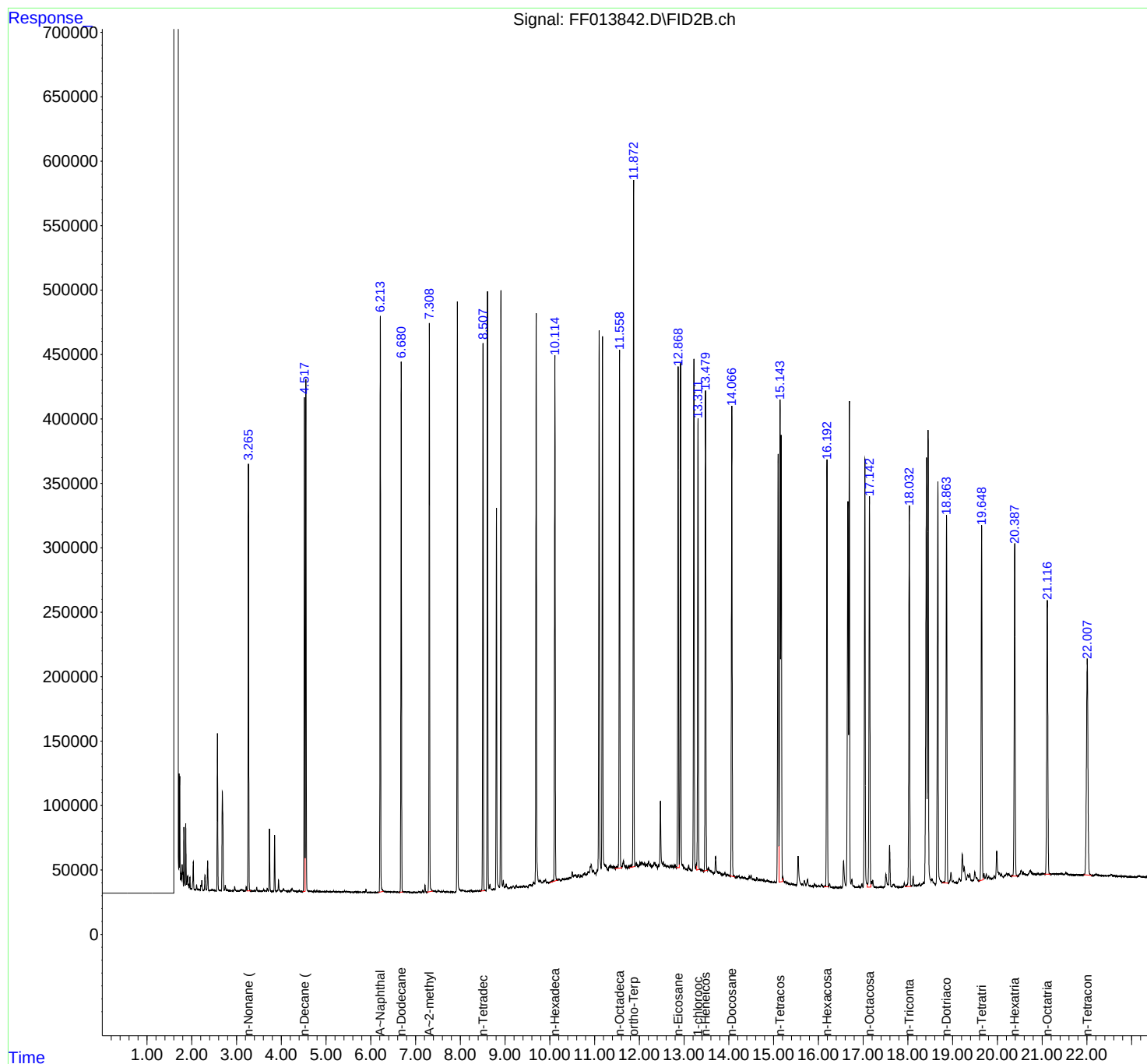
Instrument :
FID_F
Client Sample Id :
WC-1-EPHMS

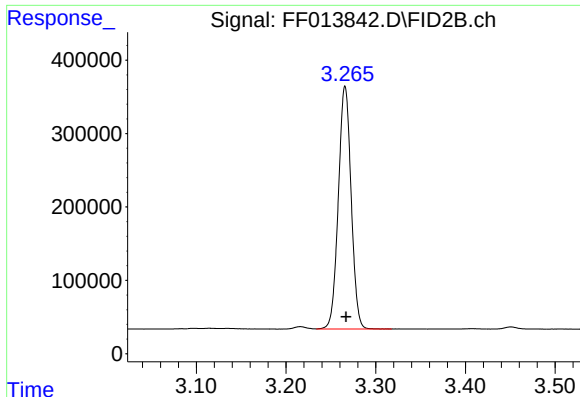
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Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 121123.M
Quant Title : GC Extractables
QLast Update : Tue Dec 12 06:36:20 2023
Response via : Initial 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.: 3.266 min
Delta R.T.: -0.001 min
Response: 3277862
Conc: 27.20 ug/ml

Instrument :

FID_F

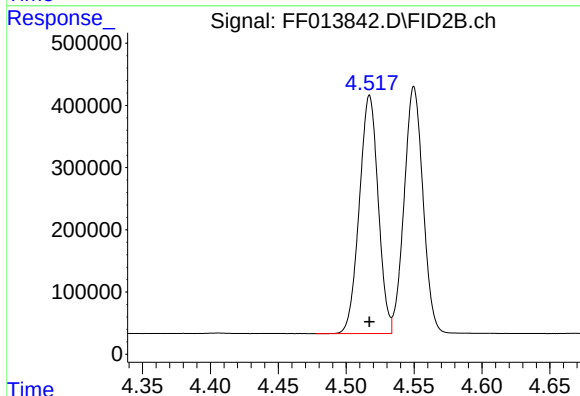
ClientSampleId :

WC-1-EPHMS

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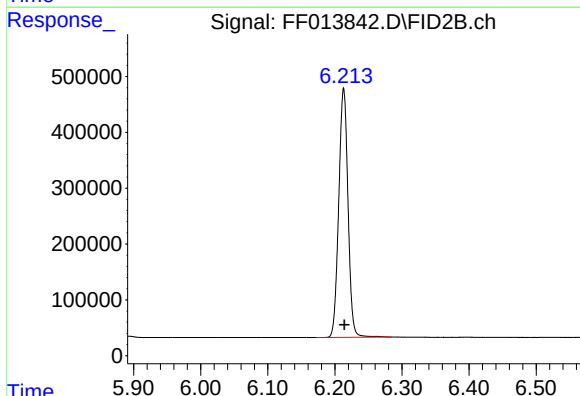
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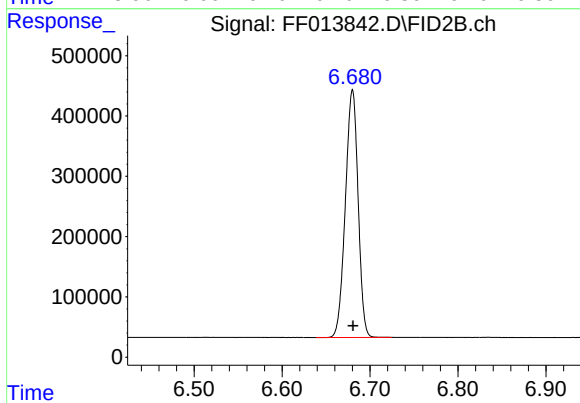
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 3700008
Conc: 30.40 ug/ml



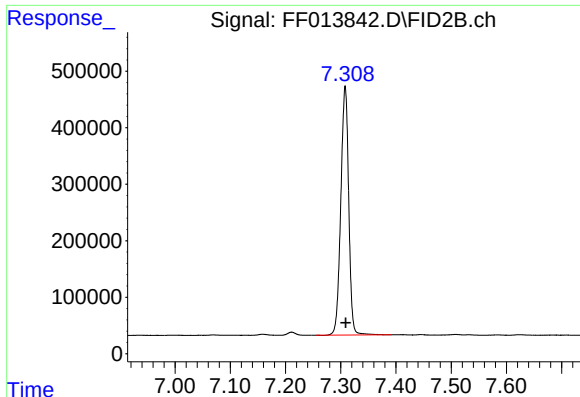
#3 A~Naphthalene (C11.7)

R.T.: 6.213 min
Delta R.T.: -0.001 min
Response: 4269901
Conc: 32.98 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 4130324
Conc: 33.68 ug/ml



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

R.T.: 7.308 min
Delta R.T.: -0.001 min
Response: 4375488
Conc: 34.86 ug/ml

Instrument :

FID_F

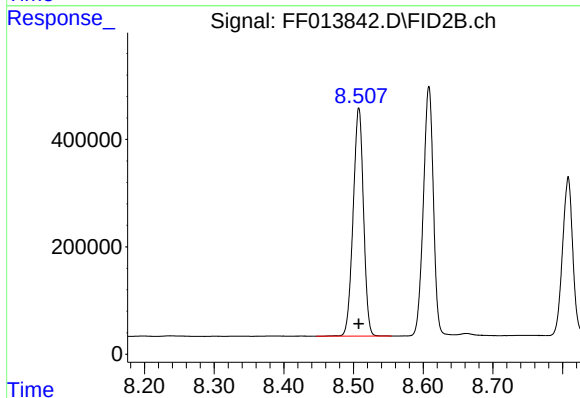
ClientSampleId :

WC-1-EPHMS

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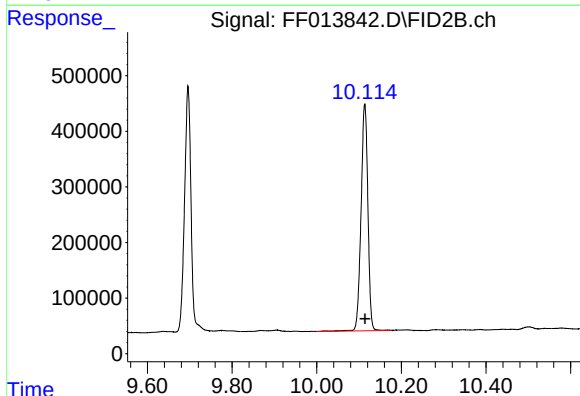
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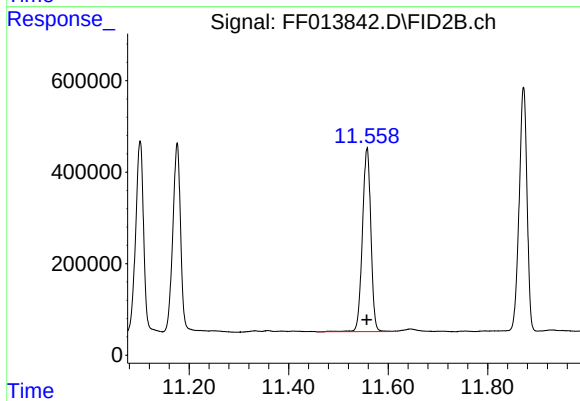
#6 n-Tetradecane (C14)

R.T.: 8.508 min
Delta R.T.: 0.000 min
Response: 4392971
Conc: 36.54 ug/ml



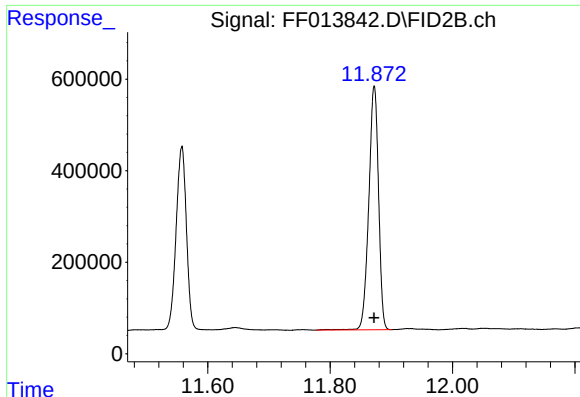
#7 n-Hexadecane (C16)

R.T.: 10.114 min
Delta R.T.: 0.000 min
Response: 4567074
Conc: 37.34 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.558 min
Delta R.T.: 0.000 min
Response: 4744092
Conc: 38.55 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.872 min
Delta R.T.: 0.000 min
Response: 5886989
Conc: 39.95 ug/ml

Instrument :

FID_F

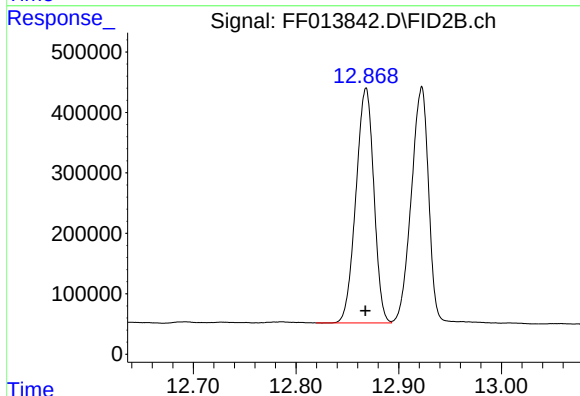
ClientSampleId :

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Manual Integrations

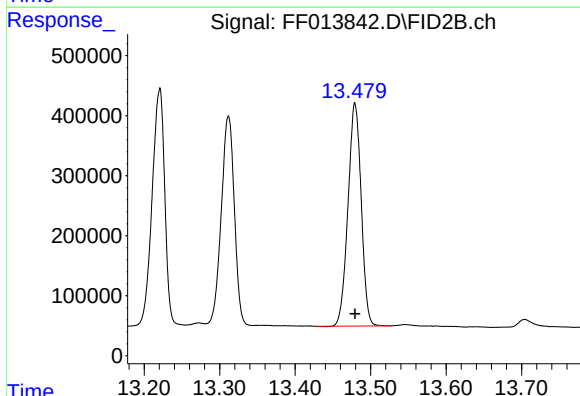
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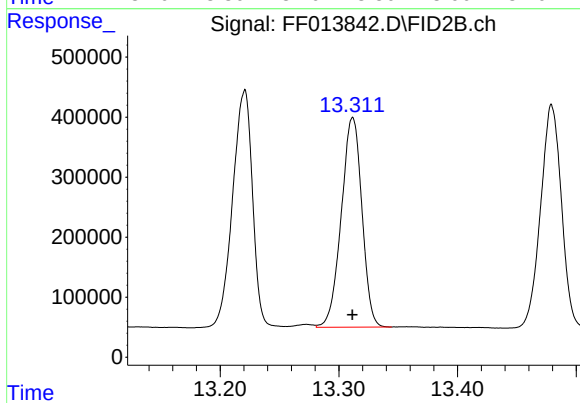
#10 n-Eicosane (C20)

R.T.: 12.868 min
Delta R.T.: 0.000 min
Response: 4706153
Conc: 39.32 ug/ml



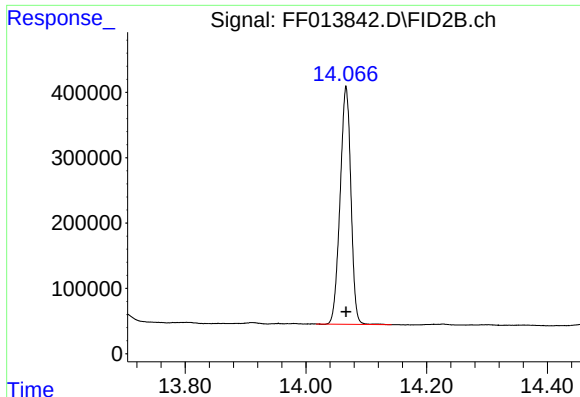
#11 n-Heneicosane (C21)

R.T.: 13.479 min
Delta R.T.: 0.000 min
Response: 4510685
Conc: 38.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.312 min
Delta R.T.: 0.000 min
Response: 4218574
Conc: 39.62 ug/ml



#13 n-Docosane (C22)

R.T.: 14.067 min
Delta R.T.: 0.000 min
Response: 4510866
Conc: 38.73 ug/ml

Instrument :

FID_F

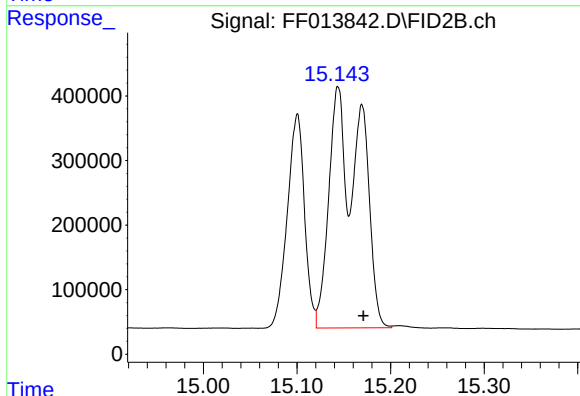
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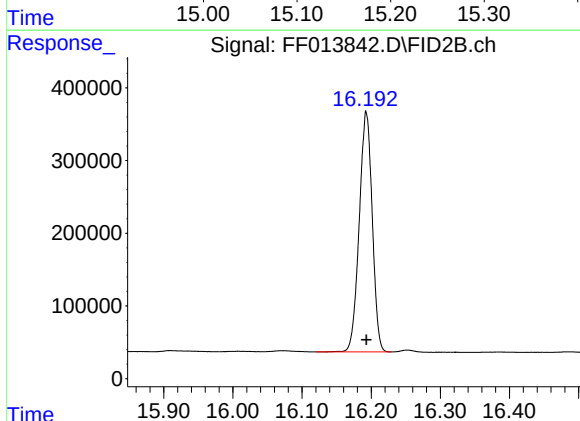
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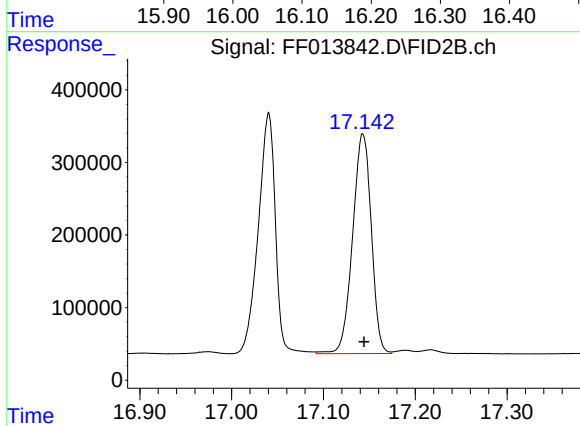
#14 n-Tetracosane (C24)

R.T.: 15.143 min
Delta R.T.: -0.028 min
Response: 8701875
Conc: 76.05 ug/ml m



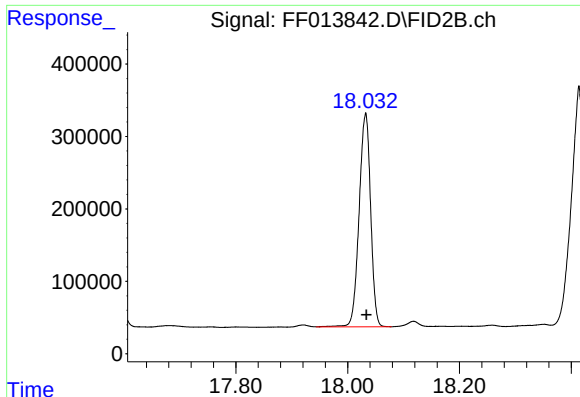
#15 n-Hexacosane (C26)

R.T.: 16.193 min
Delta R.T.: 0.000 min
Response: 4317033
Conc: 38.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.143 min
Delta R.T.: -0.001 min
Response: 4277952
Conc: 38.98 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.032 min
Delta R.T.: -0.001 min
Response: 4211414
Conc: 37.91 ug/ml

Instrument :

FID_F

ClientSampleId :

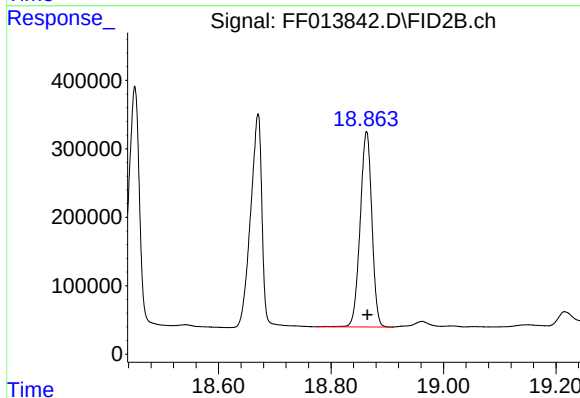
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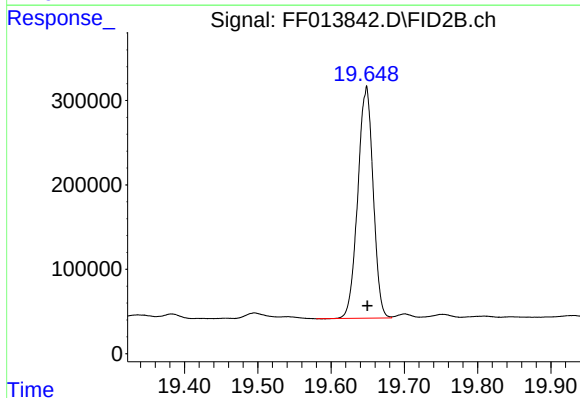
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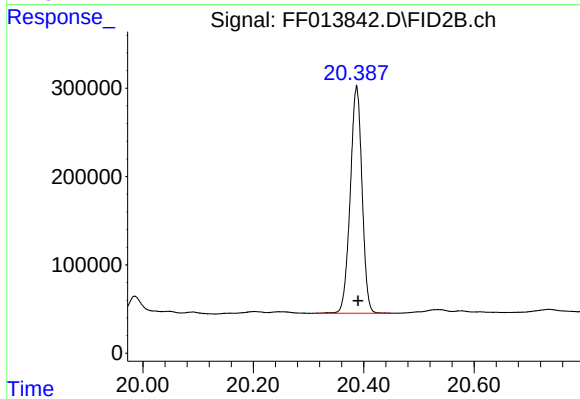
#18 n-Dotriacontane (C32)

R.T.: 18.863 min
Delta R.T.: -0.002 min
Response: 4123833
Conc: 37.09 ug/ml



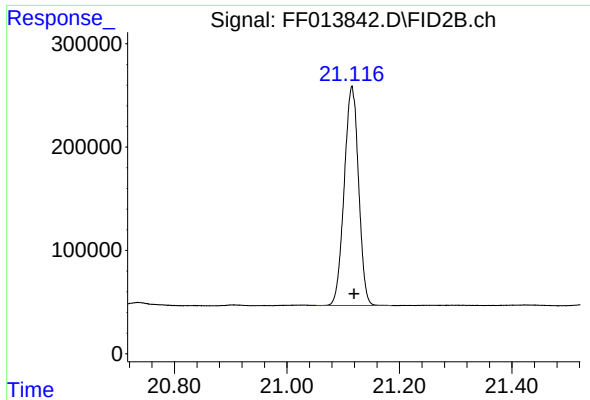
#19 n-Tetratriacontane (C34)

R.T.: 19.648 min
Delta R.T.: 0.000 min
Response: 3994483
Conc: 37.09 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.387 min
Delta R.T.: -0.003 min
Response: 3813310
Conc: 34.31 ug/ml



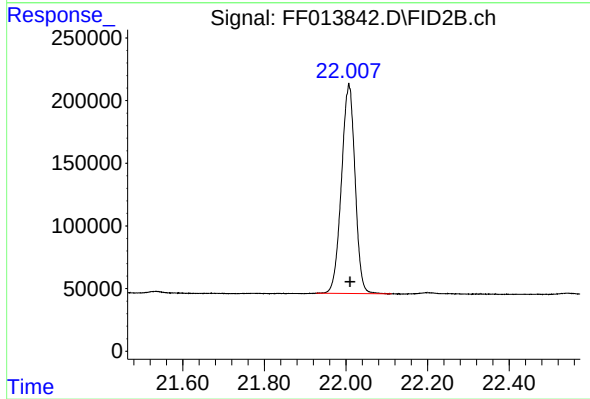
#21 n-Octatriacontane (C38)

R.T.: 21.115 min
Delta R.T.: -0.004 min
Response: 3757731
Conc: 34.37 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.007 min
Delta R.T.: -0.003 min
Response: 3871147
Conc: 34.18 ug/ml