

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121223AL\
 Data File : FF013847.D
 Signal(s) : FID2B.ch
 Acq On : 12 Dec 2023 19:48
 Operator : YP\AJ
 Sample : 05758-19MSD
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 SP-COMP-3MSD

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 22:38:12 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	5126554	34.789 ug/ml
Spiked Amount 50.000		Recovery =	69.58%
12) S 1-chlorooctadecane (S...	13.311	3908503	36.712 ug/ml
Spiked Amount 50.000		Recovery =	73.42%
Target Compounds			
1) T n-Nonane (C9)	3.269	3823109	31.719 ug/ml
2) T n-Decane (C10)	4.519	4280828	35.172 ug/ml
3) T A~Naphthalene (C11.7)	6.215	4862061	37.559 ug/ml
4) T n-Dodecane (C12)	6.682	4548711	37.089 ug/ml
5) T A~2-methylnaphthalene...	7.309	4887753	38.941 ug/ml
6) T n-Tetradecane (C14)	8.509	4761871	39.604 ug/ml
7) T n-Hexadecane (C16)	10.114	5068967	41.446 ug/ml
8) T n-Octadecane (C18)	11.558	5356221	43.526 ug/ml
10) T n-Eicosane (C20)	12.868	5487252	45.841 ug/ml
11) T n-Heneicosane (C21)	13.480	5260699	44.604 ug/ml
13) T n-Docosane (C22)	14.067	5247524	45.051 ug/ml
14) T n-Tetracosane (C24)	15.146	10268494	89.745 ug/mlm
15) T n-Hexacosane (C26)	16.193	5037519	44.986 ug/ml
16) T n-Octacosane (C28)	17.142	4893546	44.585 ug/ml
17) T n-Tricontane (C30)	18.031	4888314	44.000 ug/ml
18) T n-Dotriacontane (C32)	18.863	4779972	42.987 ug/ml
19) T n-Tetratriacontane (C34)	19.647	4758280	44.181 ug/ml
20) T n-Hexatriacontane (C36)	20.386	4881367	43.918 ug/mlm
21) T n-Octatriacontane (C38)	21.117	4828587	44.161 ug/ml
22) T n-Tetracontane (C40)	22.008	5055231	44.640 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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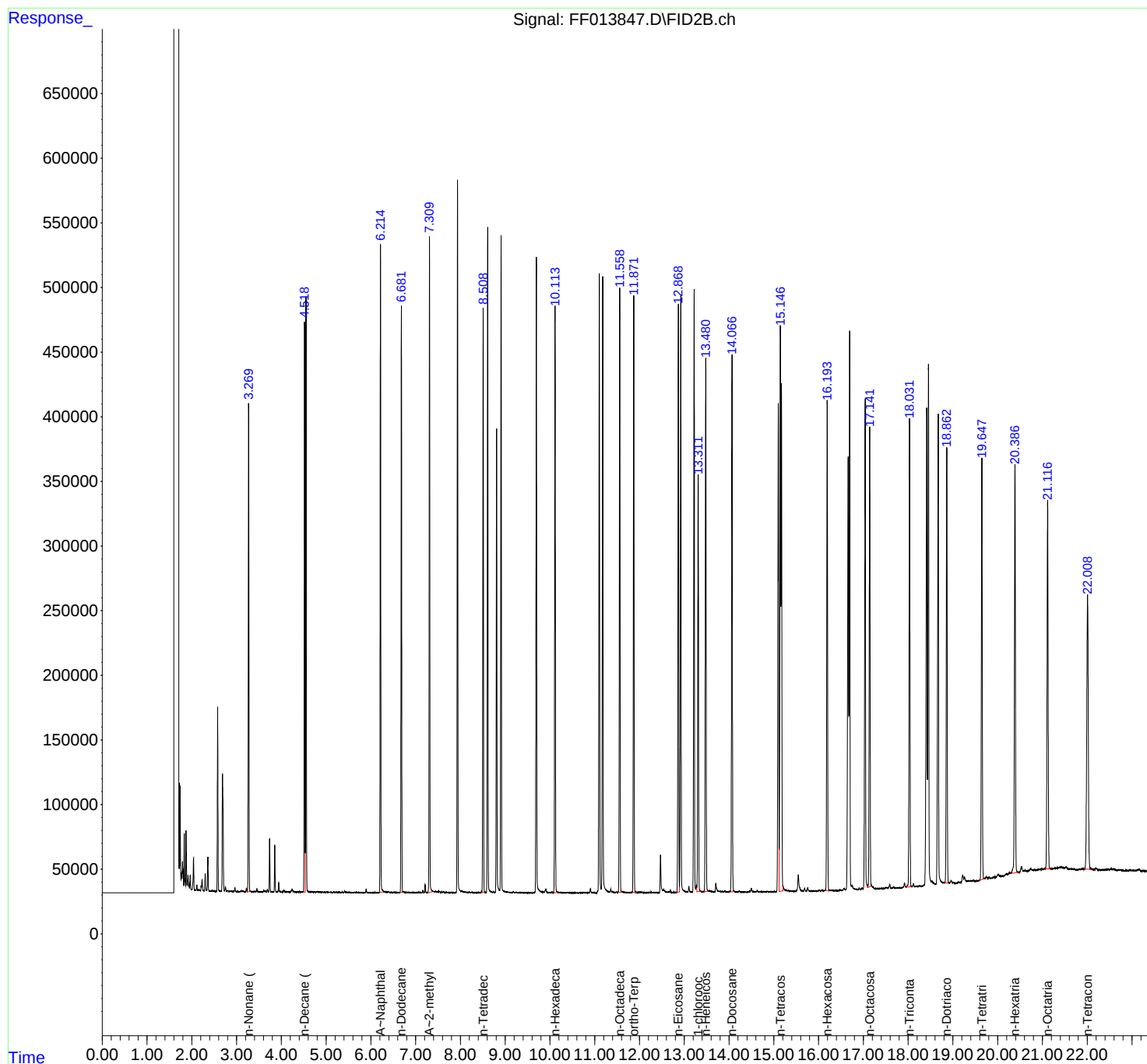
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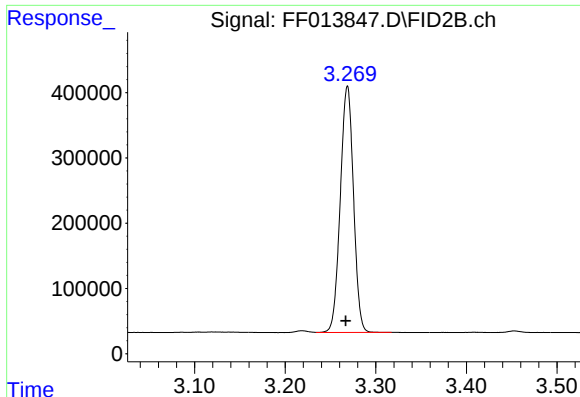
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#1 n-Nonane (C9)

R.T.: 3.269 min
Delta R.T.: 0.002 min
Response: 3823109
Conc: 31.72 ug/ml

Instrument :

FID_F

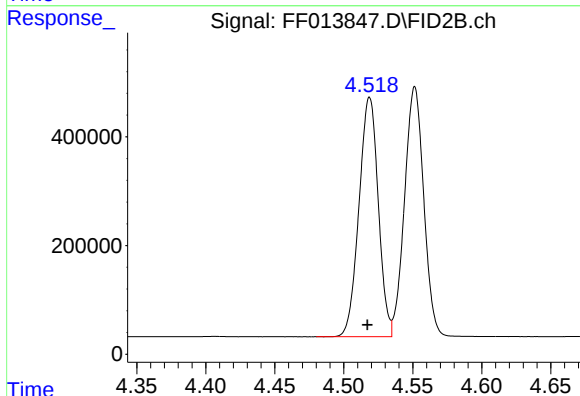
ClientSampleId :

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Manual Integrations

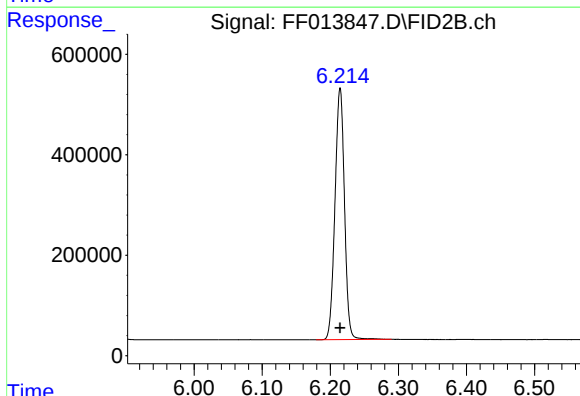
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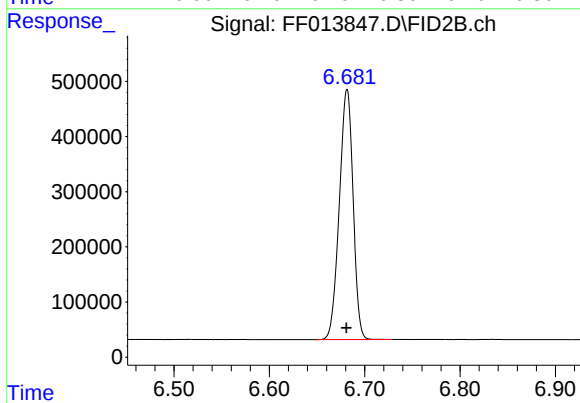
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: 0.002 min
Response: 4280828
Conc: 35.17 ug/ml



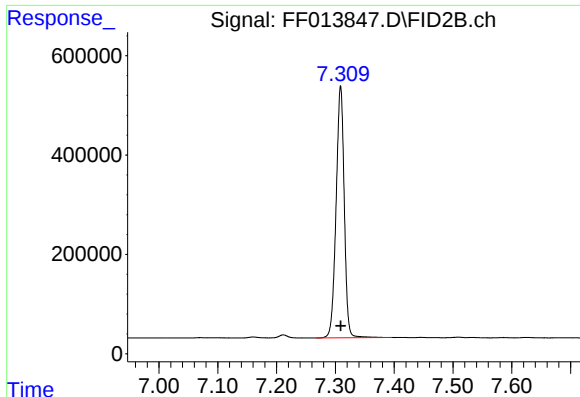
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min
Delta R.T.: 0.000 min
Response: 4862061
Conc: 37.56 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 4548711
Conc: 37.09 ug/ml



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

R.T.: 7.309 min
Delta R.T.: 0.000 min
Response: 4887753
Conc: 38.94 ug/ml

Instrument :

FID_F

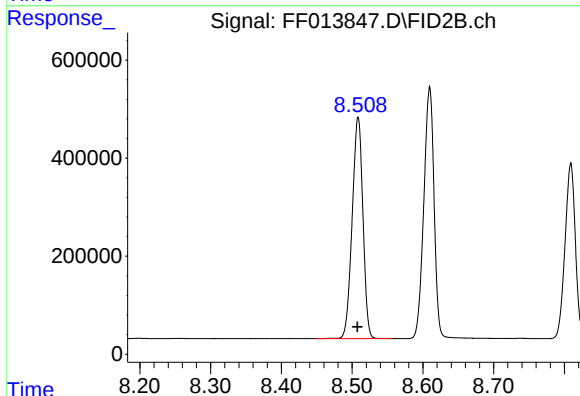
ClientSampleId :

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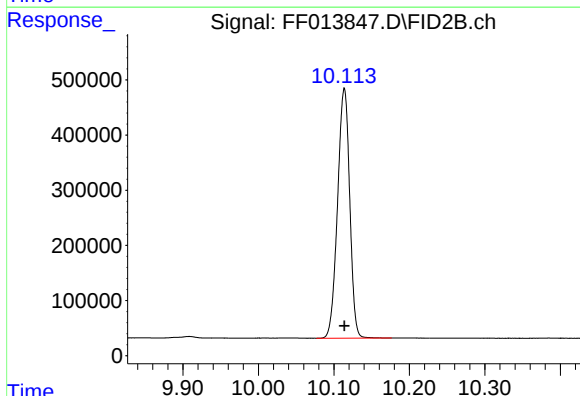
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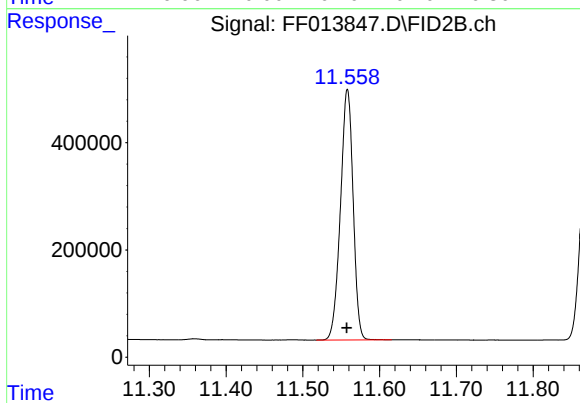
#6 n-Tetradecane (C14)

R.T.: 8.509 min
Delta R.T.: 0.001 min
Response: 4761871
Conc: 39.60 ug/ml



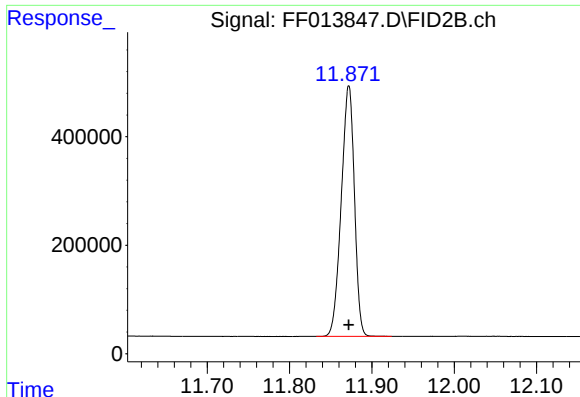
#7 n-Hexadecane (C16)

R.T.: 10.114 min
Delta R.T.: 0.000 min
Response: 5068967
Conc: 41.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.558 min
Delta R.T.: 0.000 min
Response: 5356221
Conc: 43.53 ug/ml



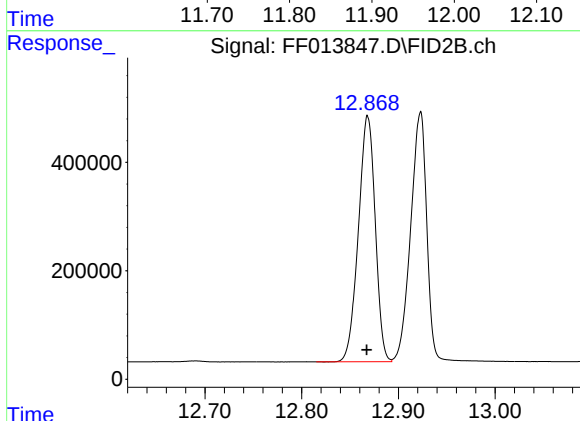
#9 ortho-Terphenyl (SURR)

R.T.: 11.872 min
Delta R.T.: 0.000 min
Response: 5126554
Conc: 34.79 ug/ml

Instrument :
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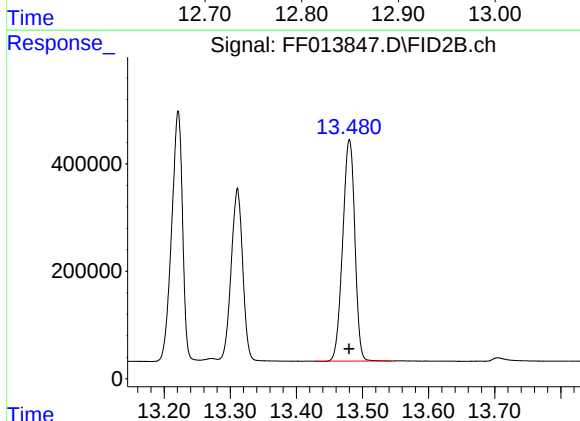
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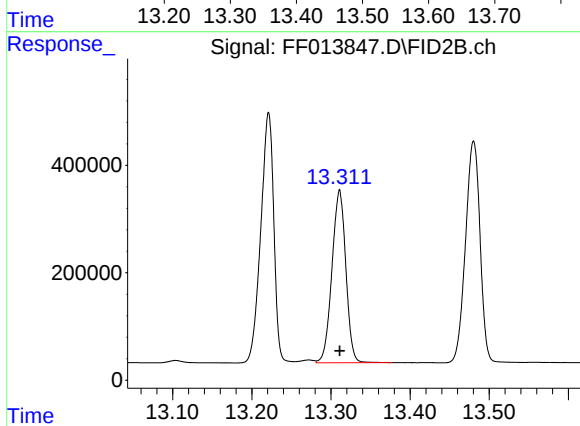
#10 n-Eicosane (C20)

R.T.: 12.868 min
Delta R.T.: 0.000 min
Response: 5487252
Conc: 45.84 ug/ml



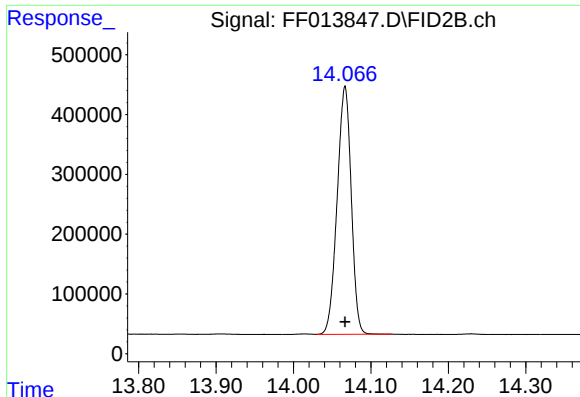
#11 n-Heneicosane (C21)

R.T.: 13.480 min
Delta R.T.: 0.000 min
Response: 5260699
Conc: 44.60 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.311 min
Delta R.T.: 0.000 min
Response: 3908503
Conc: 36.71 ug/ml



#13 n-Docosane (C22)

R.T.: 14.067 min
Delta R.T.: 0.000 min
Response: 5247524
Conc: 45.05 ug/ml

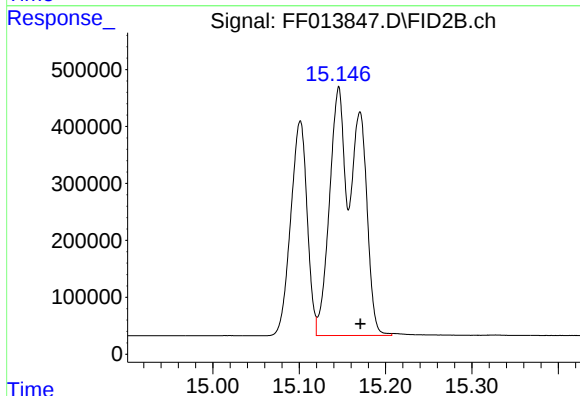
Instrument :

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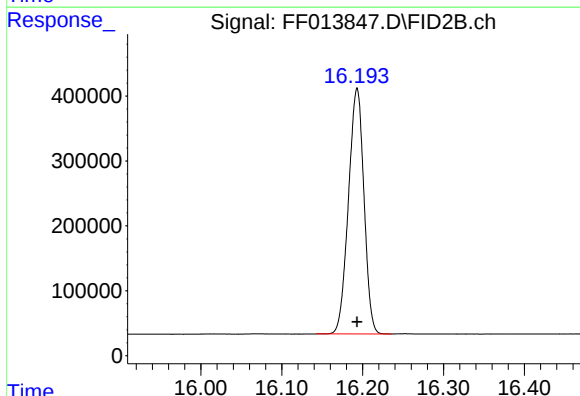
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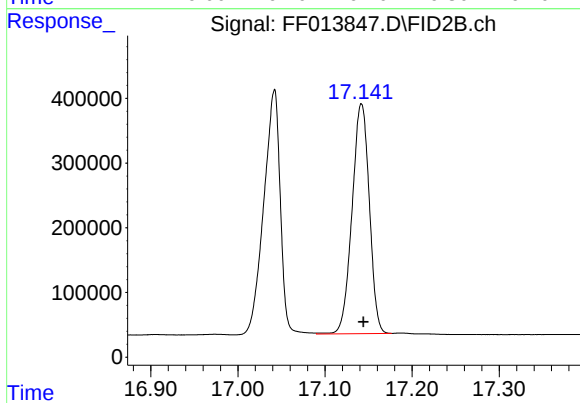
#14 n-Tetracosane (C24)

R.T.: 15.146 min
Delta R.T.: -0.025 min
Response: 10268494
Conc: 89.74 ug/ml m



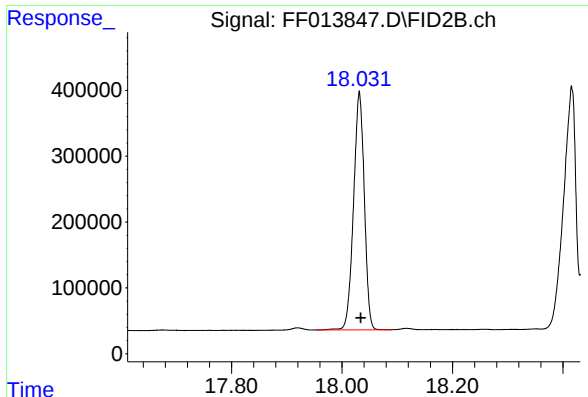
#15 n-Hexacosane (C26)

R.T.: 16.193 min
Delta R.T.: 0.000 min
Response: 5037519
Conc: 44.99 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.142 min
Delta R.T.: -0.002 min
Response: 4893546
Conc: 44.59 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.031 min
Delta R.T.: -0.002 min
Response: 4888314
Conc: 44.00 ug/ml

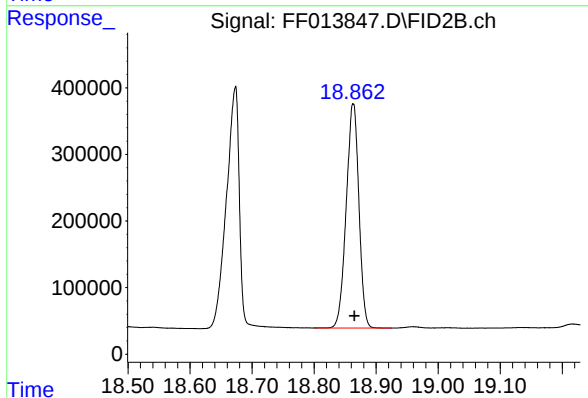
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FID_F

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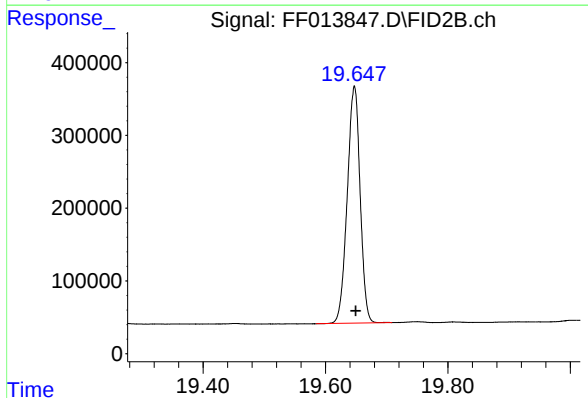
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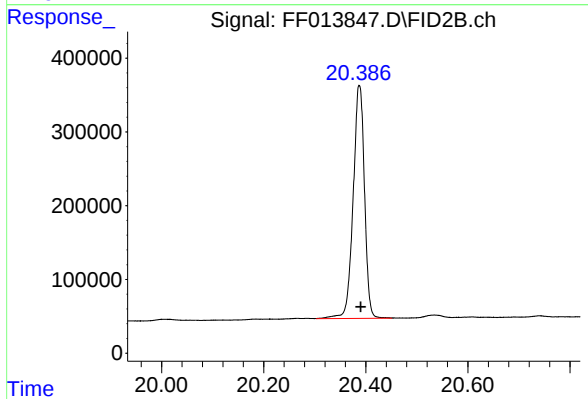
#18 n-Dotriacontane (C32)

R.T.: 18.863 min
Delta R.T.: -0.002 min
Response: 4779972
Conc: 42.99 ug/ml



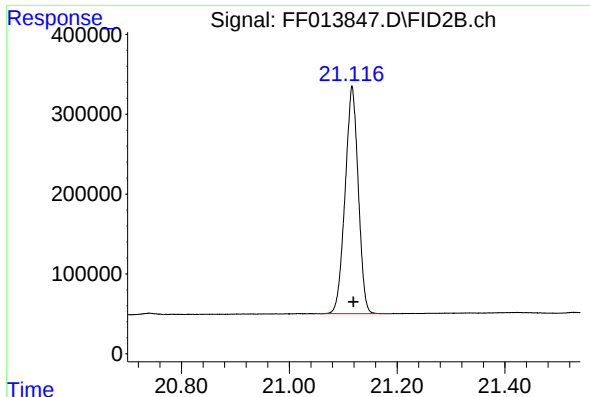
#19 n-Tetratriacontane (C34)

R.T.: 19.647 min
Delta R.T.: -0.002 min
Response: 4758280
Conc: 44.18 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.386 min
Delta R.T.: -0.003 min
Response: 4881367
Conc: 43.92 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.117 min
Delta R.T.: -0.003 min
Response: 4828587
Conc: 44.16 ug/ml

Instrument :

FID_F

ClientSampleId :

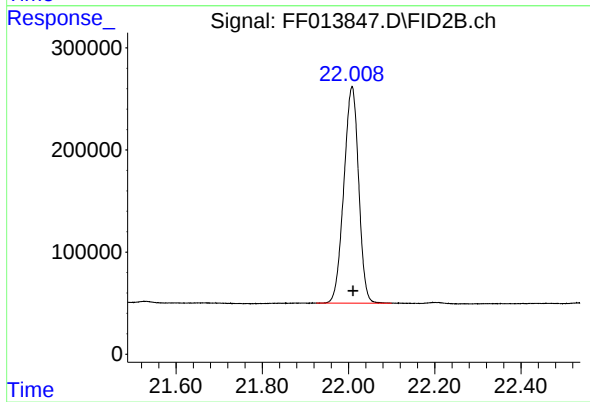
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#22 n-Tetracontane (C40)

R.T.: 22.008 min
Delta R.T.: -0.002 min
Response: 5055231
Conc: 44.64 ug/ml