

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052122AL\
 Data File : FD042593.D
 Signal(s) : FID2B.CH
 Acq On : 21 May 2022 2:42
 Operator : UA/NP
 Sample : N2964-01MS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

EO-01-051922MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/21/2022

Supervised By :Ankita Jodhani 05/23/2022

Integration File: autoint1.e

Quant Time: May 21 06:19:29 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051922.M

Quant Title : GC Extractables

QLast Update : Thu May 19 05:18:51 2022

Response via : Initial Calibration

Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.205	5334267	31.832 ug/ml
Spiked Amount 50.000		Recovery =	63.66%
12) S 1-chlorooctadecane (S...	12.643	5019565	38.929 ug/ml
Spiked Amount 50.000		Recovery =	77.86%
Target Compounds			
1) T n-Nonane (C9)	3.077	2479498	16.327 ug/ml
2) T n-Decane (C10)	4.122	3140916	20.877 ug/ml
3) T A~Naphthalene (C11.7)	5.672	5292548	34.358 ug/ml
4) T n-Dodecane (C12)	6.116	4383264	27.895 ug/ml
5) T A~2-methylnaphthalene...	6.718	5930623	38.540 ug/ml
6) T n-Tetradecane (C14)	7.893	5420301	34.399 ug/ml
7) T n-Hexadecane (C16)	9.476	5462422	34.585 ug/ml
8) T n-Octadecane (C18)	10.907	5480860	34.750 ug/ml
10) T n-Eicosane (C20)	12.207	5456336	35.423 ug/ml
11) T n-Heneicosane (C21)	12.814	5476707	35.819 ug/ml
13) T n-Docosane (C22)	13.396	5802971	38.754 ug/ml
14) T n-Tetracosane (C24)	14.492	5185793	35.952 ug/ml
15) T n-Hexacosane (C26)	15.509	5141998	36.717 ug/ml
16) T n-Octacosane (C28)	16.450	5555648	40.754 ug/mlm
17) T n-Tricontane (C30)	17.336	4638412	34.840 ug/mlm
18) T n-Dotriacontane (C32)	18.162	4436946	34.869 ug/mlm
19) T n-Tetratriacontane (C34)	18.943	4453206	36.897 ug/mlm
20) T n-Hexatriacontane (C36)	19.679	3892644	34.372 ug/mlm
21) T n-Octatriacontane (C38)	20.376	3938740	36.474 ug/mlm
22) T n-Tetracontane (C40)	21.150	3750681	35.160 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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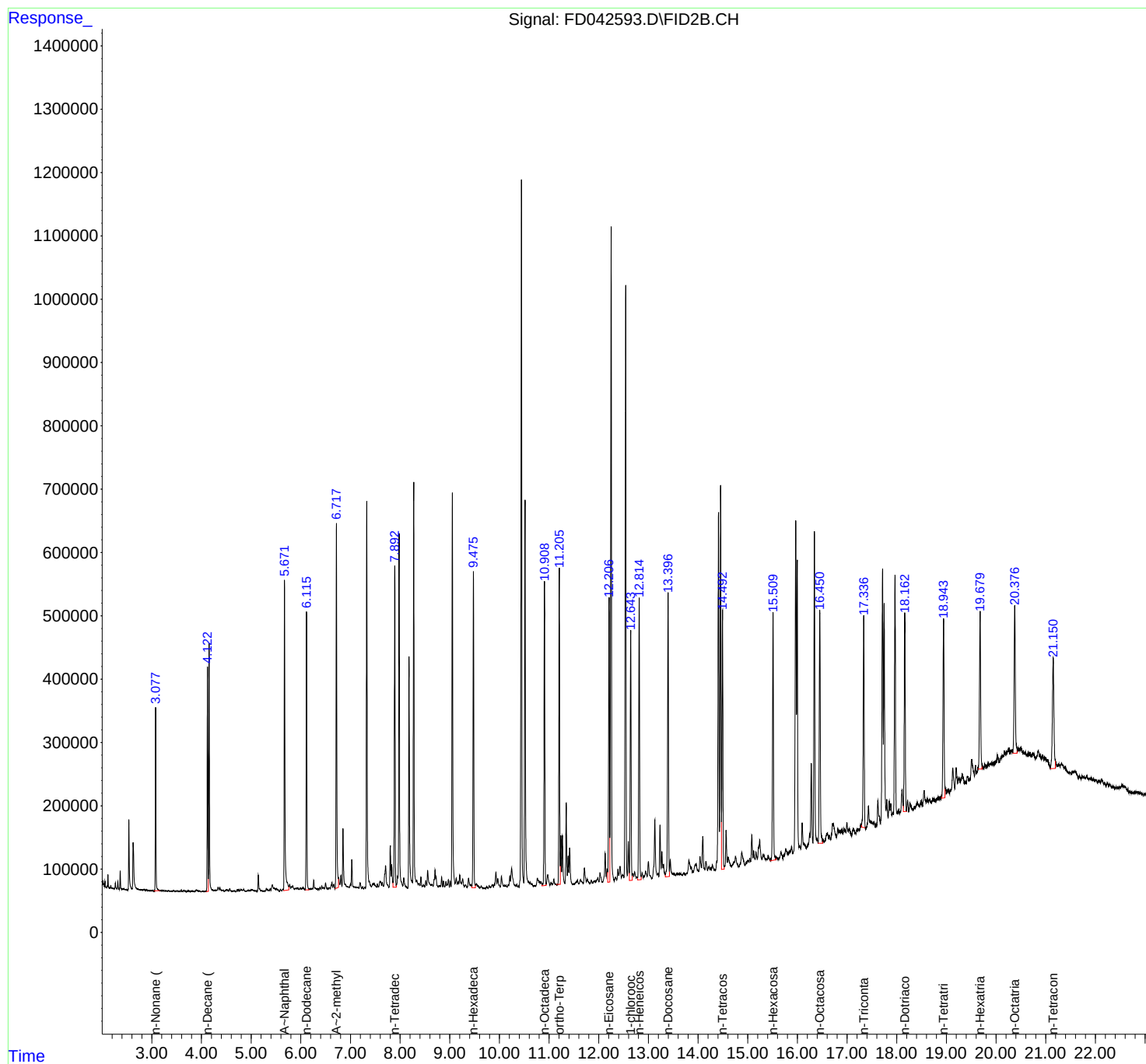
Instrument :
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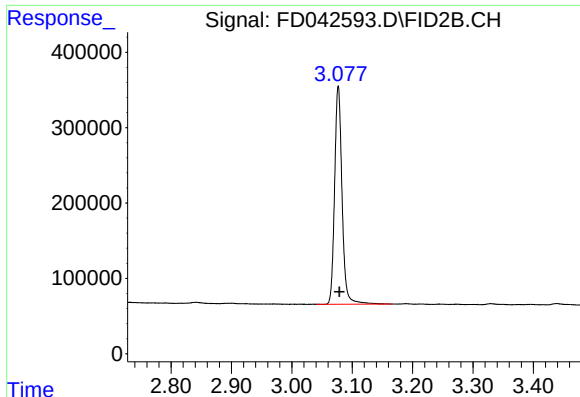
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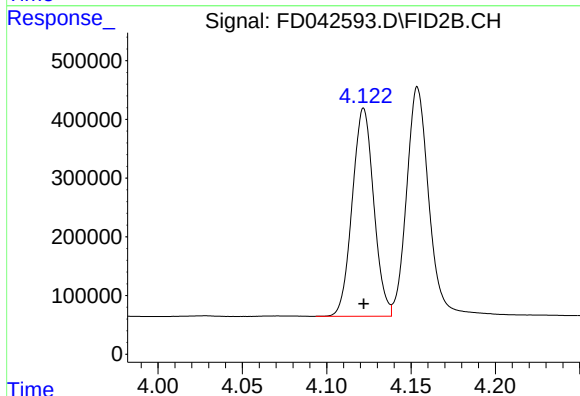
#1 n-Nonane (C9)

R.T.: 3.077 min
Delta R.T.: -0.002 min
Response: 2479498
Conc: 16.33 ug/ml

Instrument :
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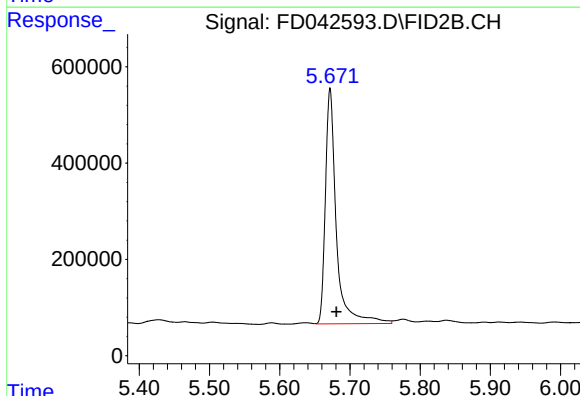
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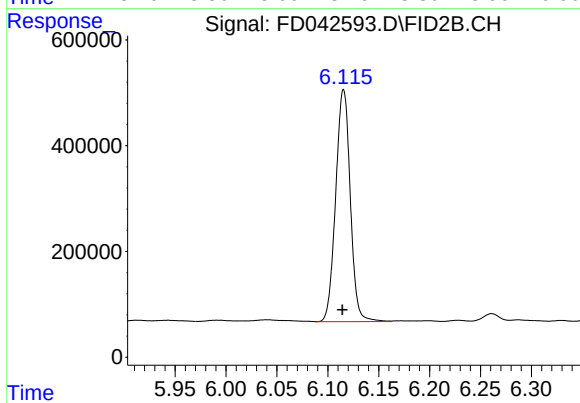
#2 n-Decane (C10)

R.T.: 4.122 min
Delta R.T.: 0.000 min
Response: 3140916
Conc: 20.88 ug/ml



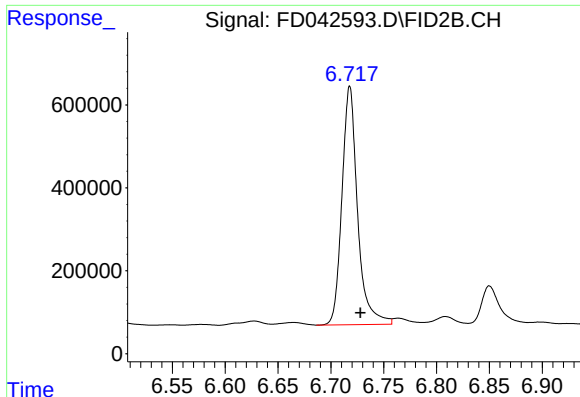
#3 A~Naphthalene (C11.7)

R.T.: 5.672 min
Delta R.T.: -0.009 min
Response: 5292548
Conc: 34.36 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.116 min
Delta R.T.: 0.001 min
Response: 4383264
Conc: 27.90 ug/ml



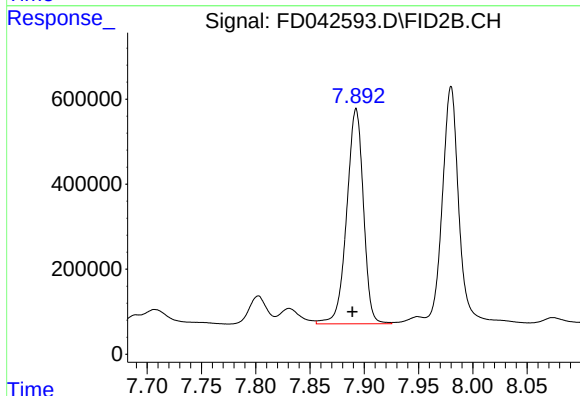
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.718 min
Delta R.T.: -0.010 min
Response: 5930623
Conc: 38.54 ug/ml

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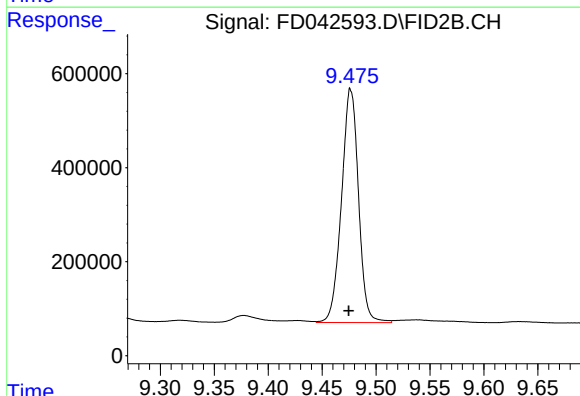
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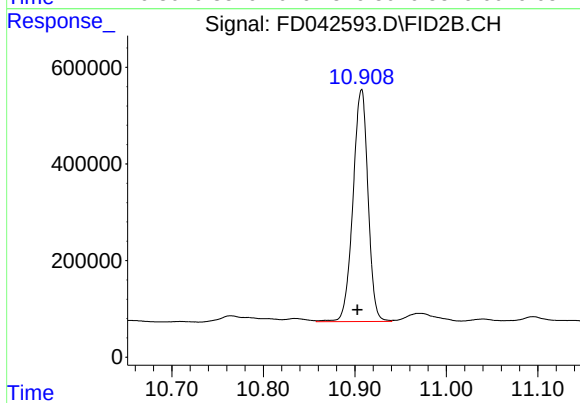
#6 n-Tetradecane (C14)

R.T.: 7.893 min
Delta R.T.: 0.003 min
Response: 5420301
Conc: 34.40 ug/ml



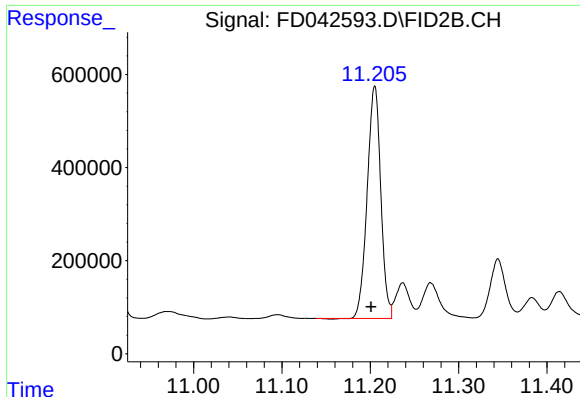
#7 n-Hexadecane (C16)

R.T.: 9.476 min
Delta R.T.: 0.002 min
Response: 5462422
Conc: 34.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.907 min
Delta R.T.: 0.004 min
Response: 5480860
Conc: 34.75 ug/ml



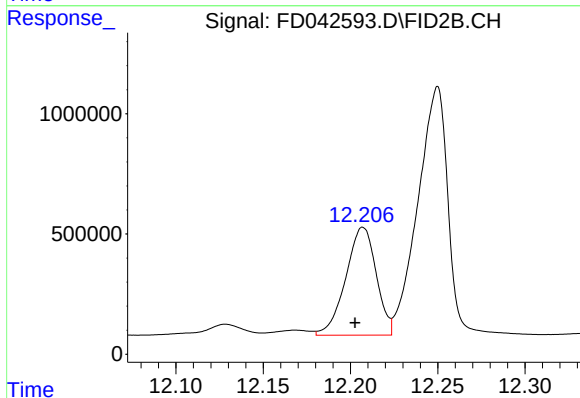
#9 ortho-Terphenyl (SURR)

R.T.: 11.205 min
Delta R.T.: 0.004 min
Response: 5334267
Conc: 31.83 ug/ml

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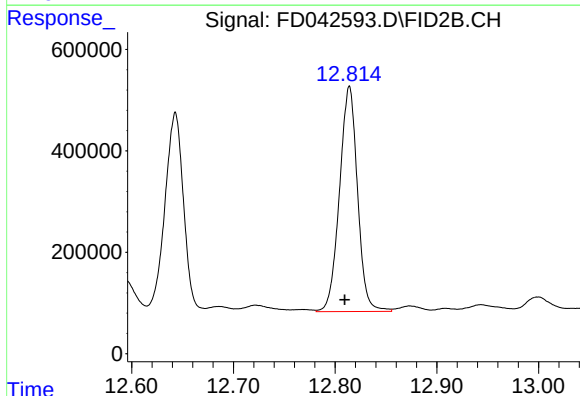
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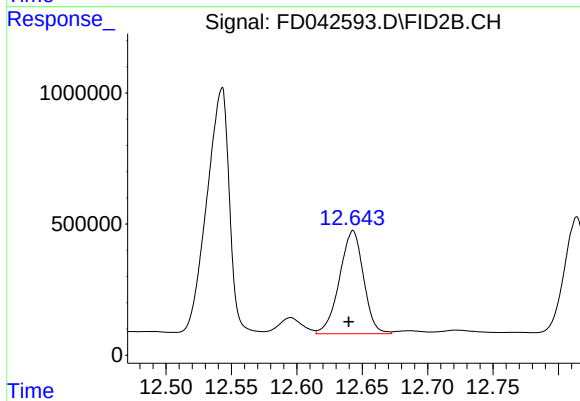
#10 n-Eicosane (C20)

R.T.: 12.207 min
Delta R.T.: 0.005 min
Response: 5456336
Conc: 35.42 ug/ml



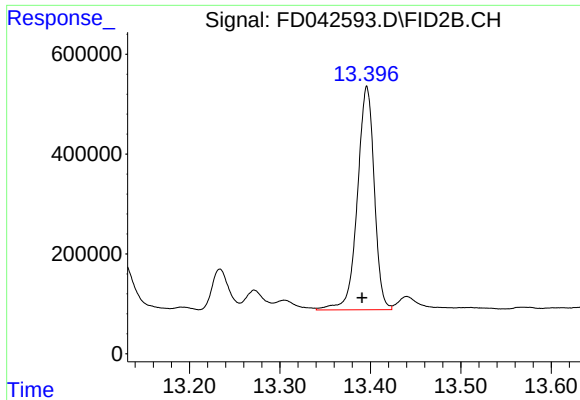
#11 n-Heneicosane (C21)

R.T.: 12.814 min
Delta R.T.: 0.005 min
Response: 5476707
Conc: 35.82 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.643 min
Delta R.T.: 0.003 min
Response: 5019565
Conc: 38.93 ug/ml



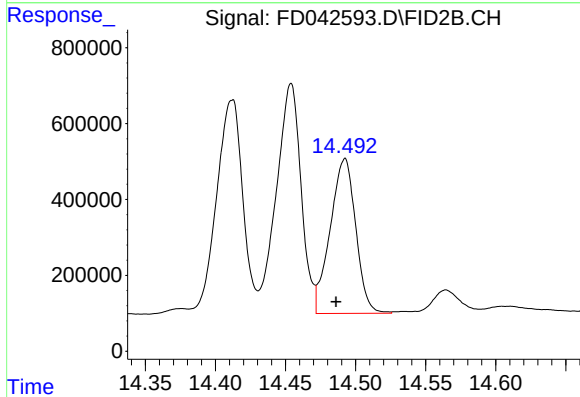
#13 n-Docosane (C22)

R.T.: 13.396 min
Delta R.T.: 0.005 min
Response: 5802971
Conc: 38.75 ug/ml

Instrument :
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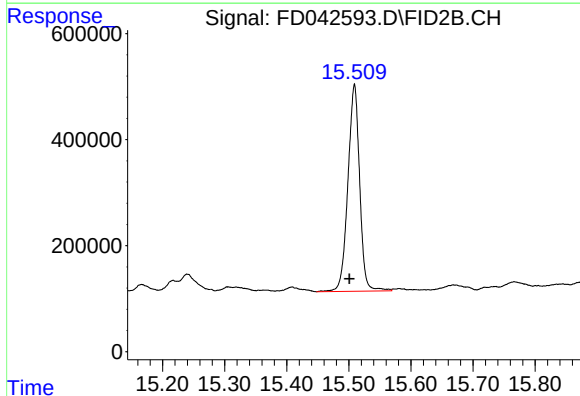
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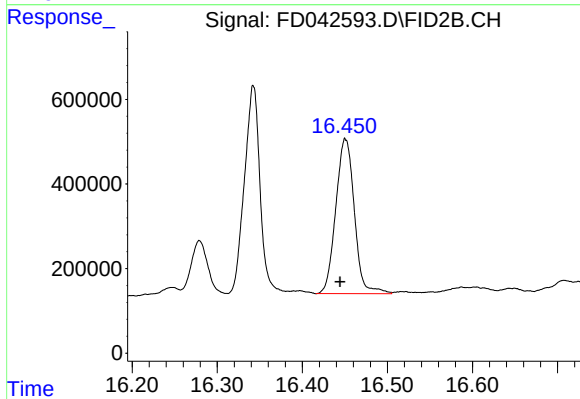
#14 n-Tetracosane (C24)

R.T.: 14.492 min
Delta R.T.: 0.006 min
Response: 5185793
Conc: 35.95 ug/ml



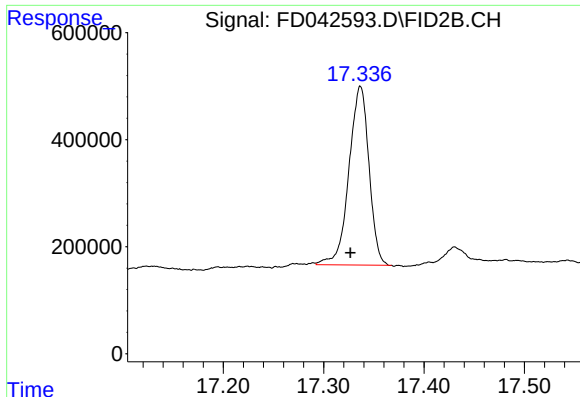
#15 n-Hexacosane (C26)

R.T.: 15.509 min
Delta R.T.: 0.008 min
Response: 5141998
Conc: 36.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.450 min
Delta R.T.: 0.005 min
Response: 5555648
Conc: 40.75 ug/ml m



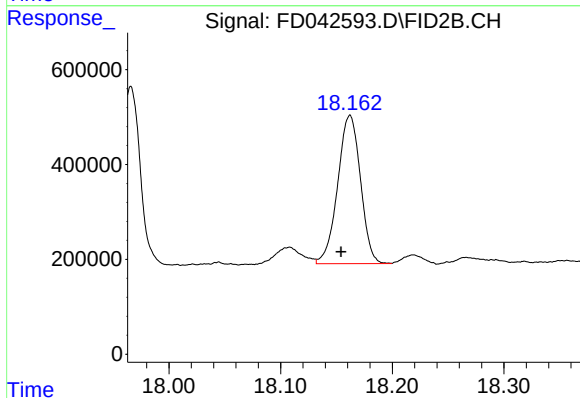
#17 n-Tricontane (C30)

R.T.: 17.336 min
Delta R.T.: 0.009 min
Response: 4638412
Conc: 34.84 ug/ml

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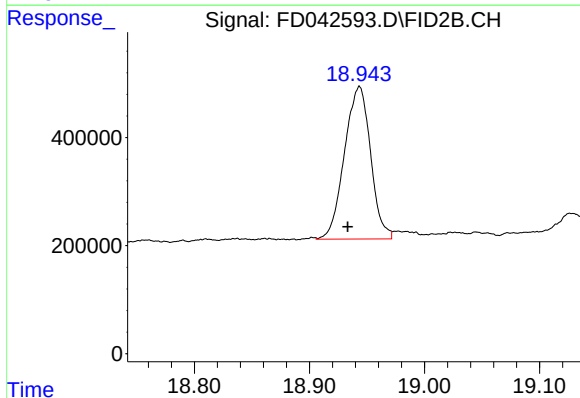
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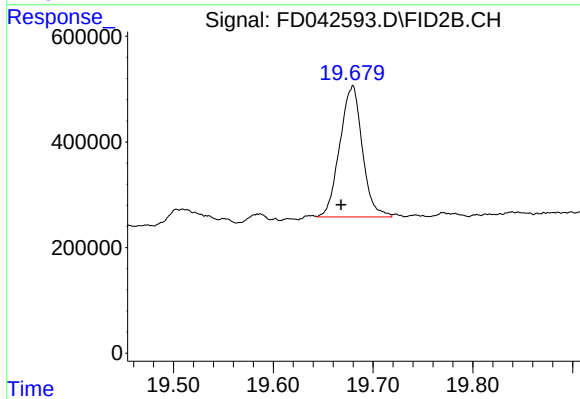
#18 n-Dotriacontane (C32)

R.T.: 18.162 min
Delta R.T.: 0.008 min
Response: 4436946
Conc: 34.87 ug/ml m



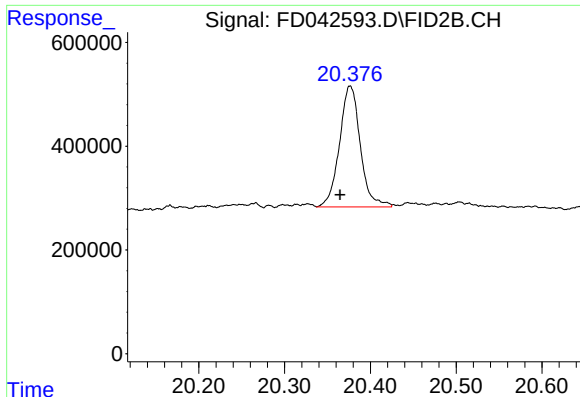
#19 n-Tetratriacontane (C34)

R.T.: 18.943 min
Delta R.T.: 0.010 min
Response: 4453206
Conc: 36.90 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.679 min
Delta R.T.: 0.011 min
Response: 3892644
Conc: 34.37 ug/ml m



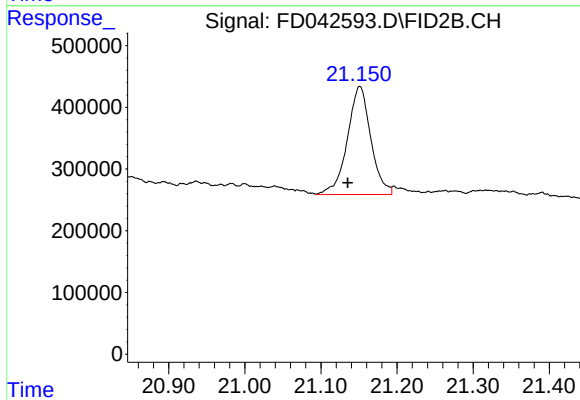
#21 n-Octatriacontane (C38)

R.T.: 20.376 min
Delta R.T.: 0.012 min
Response: 3938740
Conc: 36.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.150 min
Delta R.T.: 0.015 min
Response: 3750681
Conc: 35.16 ug/ml m