

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121721AL\
 Data File : FD040004.D
 Signal(s) : FID2B.CH
 Acq On : 17 Dec 2021 18:27
 Operator : AJ\MA
 Sample : M5097-01MSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

ETGI-371MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2021

Supervised By :Ankita Jodhani 12/23/2021

Integration File: autoint1.e

Quant Time: Dec 17 23:44:17 2021

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 121521.M

Quant Title : GC Extractables

QLast Update : Wed Dec 15 16:44:55 2021

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)	10.762	6603402	42.063 ug/ml
Spiked Amount 50.000		Recovery =	84.13%
12) S 1-chlorooctadecane (S...	12.195	5134207	41.575 ug/ml
Spiked Amount 50.000		Recovery =	83.15%
Target Compounds			
1) T n-Nonane (C9)	2.664	4106033	29.178 ug/ml
2) T n-Decane (C10)	3.664	4694268	32.912 ug/ml
3) T A~Naphthalene (C11.7)	5.211	5845848	36.417 ug/ml
4) T n-Dodecane (C12)	5.643	5145138	36.035 ug/ml
5) T A~2-methylnaphthalene...	6.255	5986407	37.096 ug/ml
6) T n-Tetradecane (C14)	7.427	5716499	39.662 ug/ml
7) T n-Hexadecane (C16)	9.017	6333059	43.533 ug/ml
8) T n-Octadecane (C18)	10.452	6501238	43.690 ug/ml
10) T n-Eicosane (C20)	11.756	6412321	43.845 ug/ml
11) T n-Heneicosane (C21)	12.365	6271735	42.688 ug/ml
13) T n-Docosane (C22)	12.950	6285126	43.041 ug/ml
14) T n-Tetracosane (C24)	14.047	6043364	41.494 ug/ml
15) T n-Hexacosane (C26)	15.066	5788409	41.270 ug/mlm
16) T n-Octacosane (C28)	16.011	5567942	41.054 ug/mlm
17) T n-Tricontane (C30)	16.897	5426959	41.531 ug/mlm
18) T n-Dotriacontane (C32)	17.727	5153099	41.405 ug/mlm
19) T n-Tetratriacontane (C34)	18.507	4643408	38.444 ug/mlm
20) T n-Hexatriacontane (C36)	19.246	3927332	34.150 ug/mlm
21) T n-Octatriacontane (C38)	19.959	3610282	32.344 ug/mlm
22) T n-Tetracontane (C40)	20.811	3597262	31.570 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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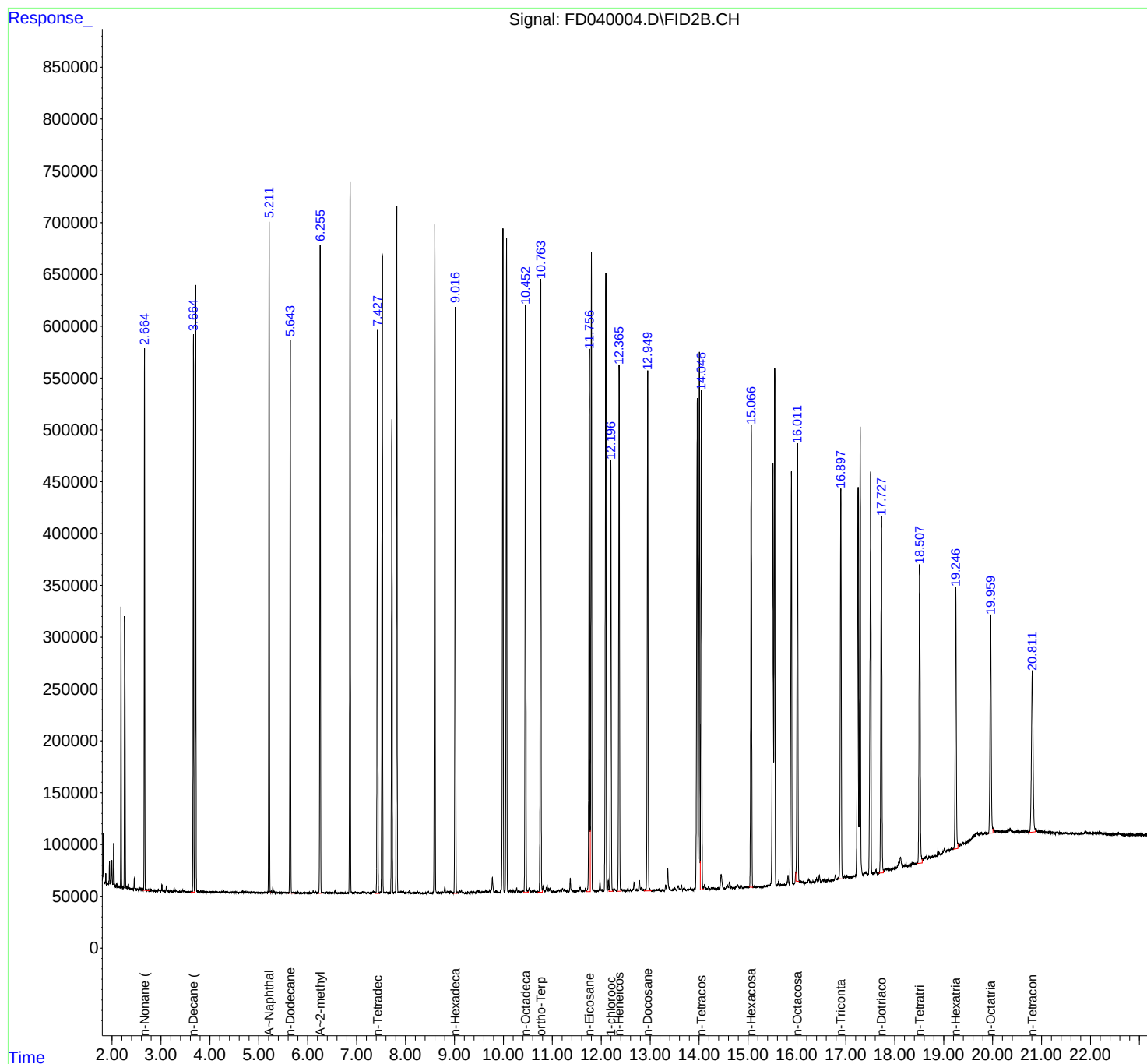
Instrument :
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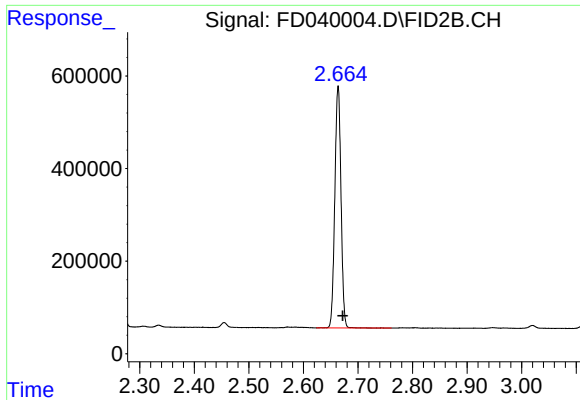
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.664 min
Delta R.T.: -0.008 min
Response: 4106033
Conc: 29.18 ug/ml

Instrument :

FID_D

ClientSampleId :

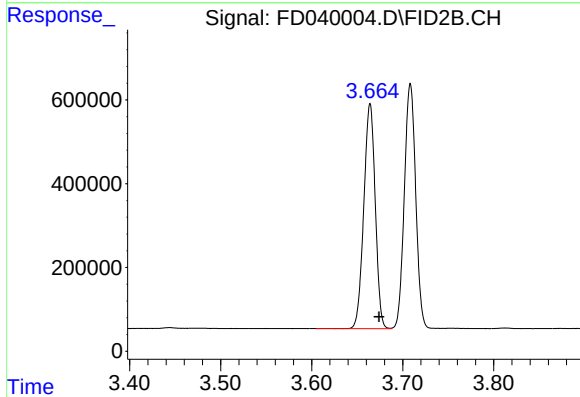
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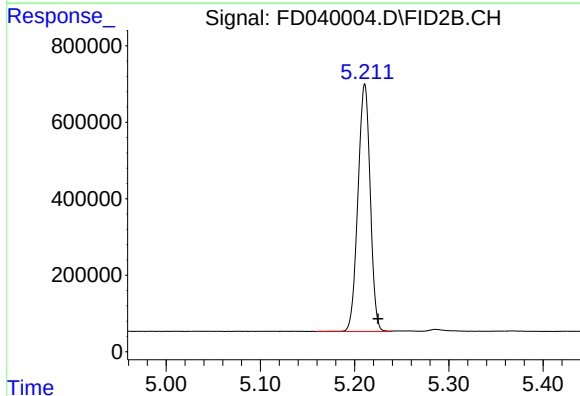
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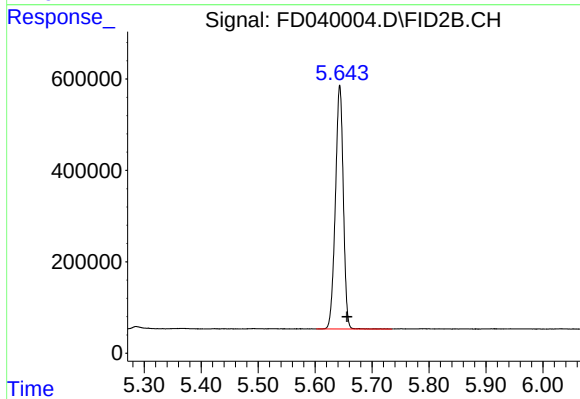
#2 n-Decane (C10)

R.T.: 3.664 min
Delta R.T.: -0.010 min
Response: 4694268
Conc: 32.91 ug/ml



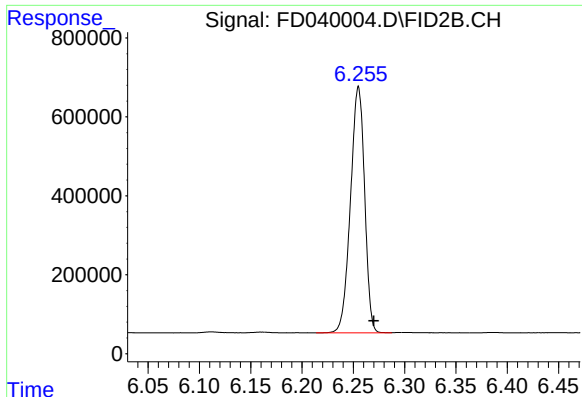
#3 A~Naphthalene (C11.7)

R.T.: 5.211 min
Delta R.T.: -0.014 min
Response: 5845848
Conc: 36.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.643 min
Delta R.T.: -0.013 min
Response: 5145138
Conc: 36.03 ug/ml



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

R.T.: 6.255 min
Delta R.T.: -0.015 min
Response: 5986407
Conc: 37.10 ug/ml

Instrument :

FID_D

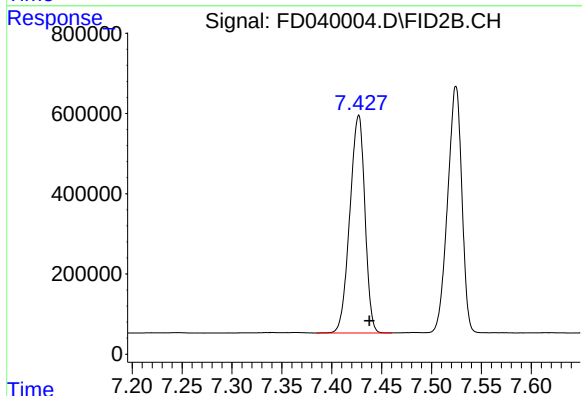
ClientSampleId :

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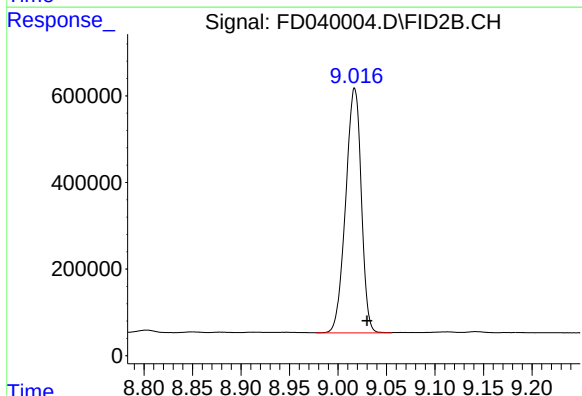
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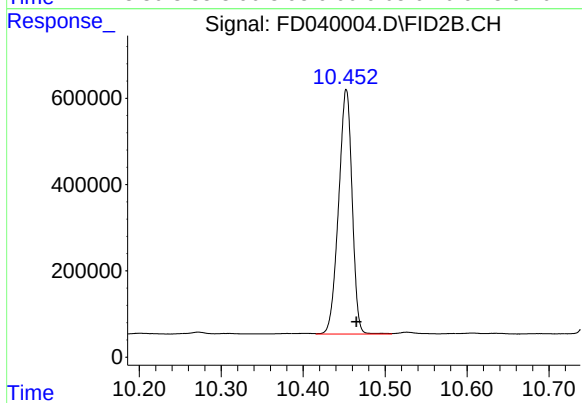
#6 n-Tetradecane (C14)

R.T.: 7.427 min
Delta R.T.: -0.011 min
Response: 5716499
Conc: 39.66 ug/ml



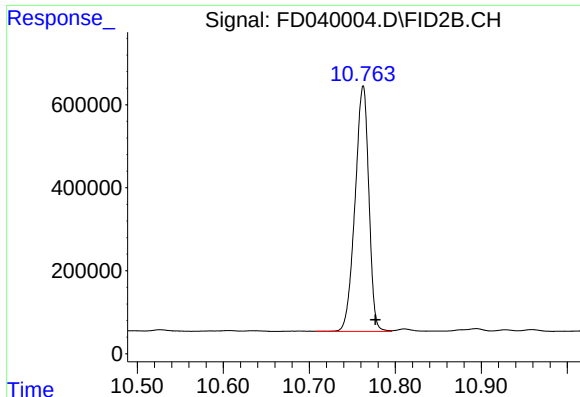
#7 n-Hexadecane (C16)

R.T.: 9.017 min
Delta R.T.: -0.013 min
Response: 6333059
Conc: 43.53 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.452 min
Delta R.T.: -0.013 min
Response: 6501238
Conc: 43.69 ug/ml



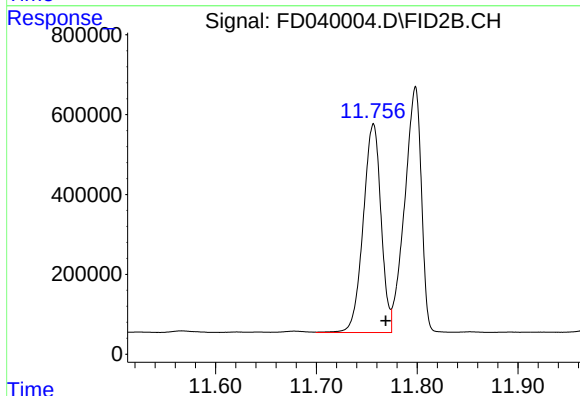
#9 ortho-Terphenyl (SURR)

R.T.: 10.762 min
Delta R.T.: -0.015 min
Response: 6603402
Conc: 42.06 ug/ml

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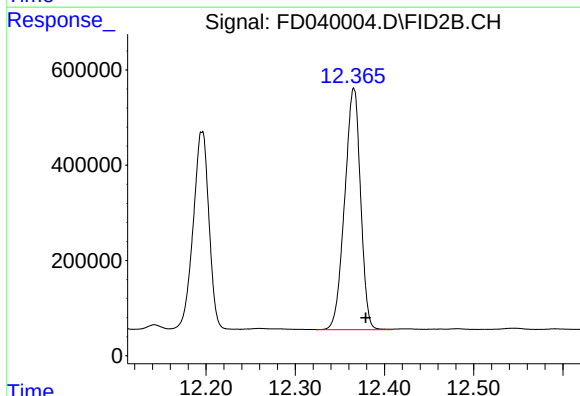
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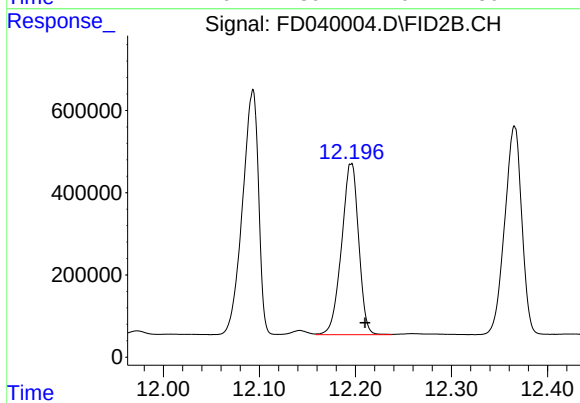
#10 n-Eicosane (C20)

R.T.: 11.756 min
Delta R.T.: -0.013 min
Response: 6412321
Conc: 43.84 ug/ml



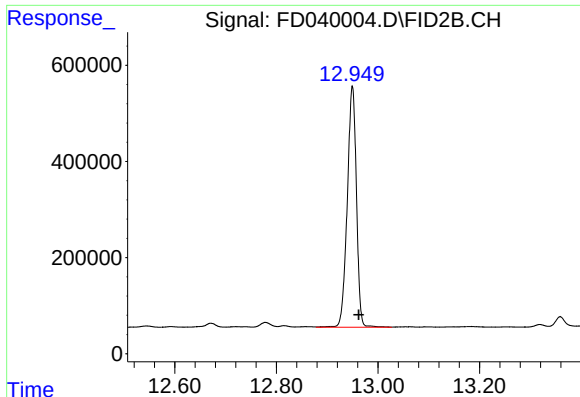
#11 n-Heneicosane (C21)

R.T.: 12.365 min
Delta R.T.: -0.014 min
Response: 6271735
Conc: 42.69 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.195 min
Delta R.T.: -0.015 min
Response: 5134207
Conc: 41.57 ug/ml



#13 n-Docosane (C22)

R.T.: 12.950 min
Delta R.T.: -0.012 min
Response: 6285126
Conc: 43.04 ug/ml

Instrument :

FID_D

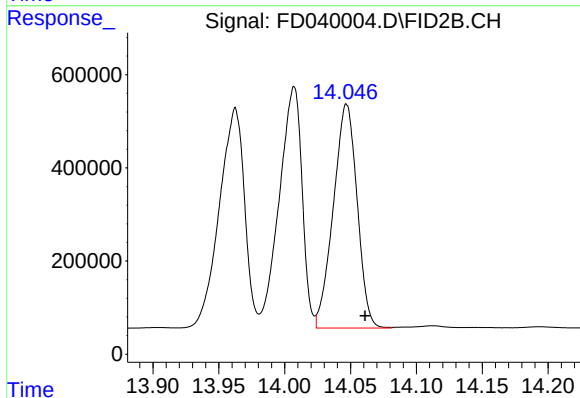
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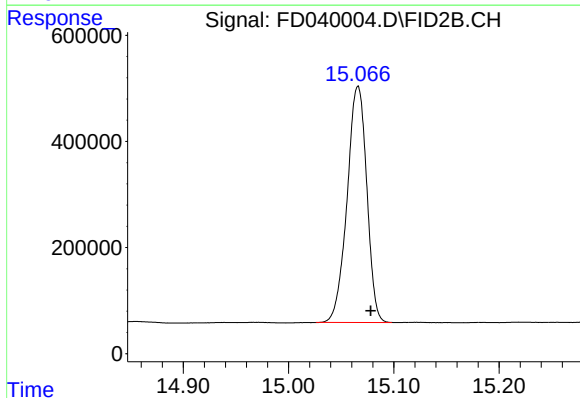
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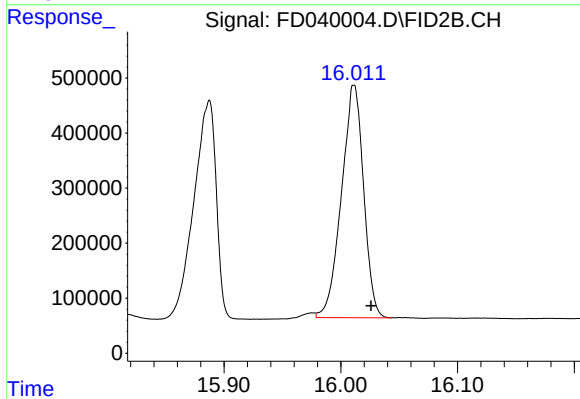
#14 n-Tetracosane (C24)

R.T.: 14.047 min
Delta R.T.: -0.014 min
Response: 6043364
Conc: 41.49 ug/ml



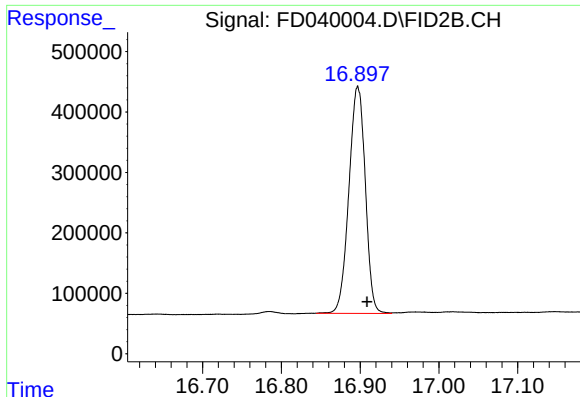
#15 n-Hexacosane (C26)

R.T.: 15.066 min
Delta R.T.: -0.012 min
Response: 5788409
Conc: 41.27 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.011 min
Delta R.T.: -0.015 min
Response: 5567942
Conc: 41.05 ug/ml m



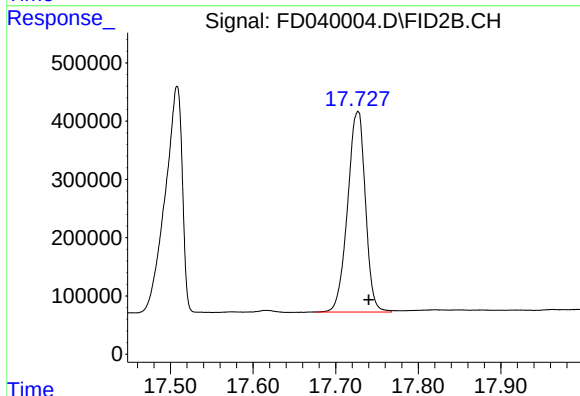
#17 n-Tricontane (C30)

R.T.: 16.897 min
Delta R.T.: -0.012 min
Response: 5426959
Conc: 41.53 ug/ml

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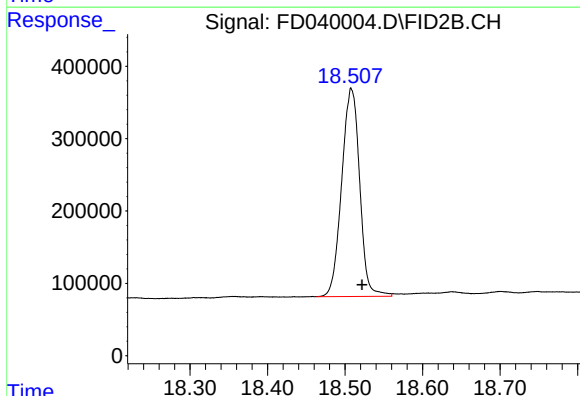
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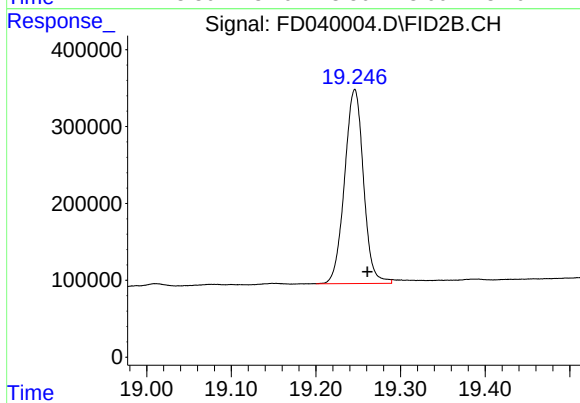
#18 n-Dotriacontane (C32)

R.T.: 17.727 min
Delta R.T.: -0.013 min
Response: 5153099
Conc: 41.41 ug/ml m



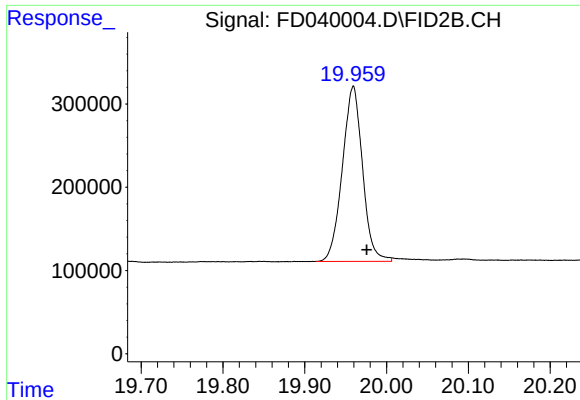
#19 n-Tetratriacontane (C34)

R.T.: 18.507 min
Delta R.T.: -0.015 min
Response: 4643408
Conc: 38.44 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.246 min
Delta R.T.: -0.015 min
Response: 3927332
Conc: 34.15 ug/ml m



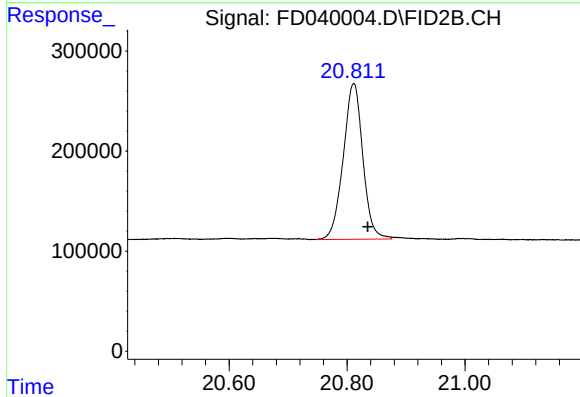
#21 n-Octatriacontane (C38)

R.T.: 19.959 min
Delta R.T.: -0.017 min
Response: 3610282
Conc: 32.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.811 min
Delta R.T.: -0.024 min
Response: 3597262
Conc: 31.57 ug/ml m