

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122921AL\
 Data File : FD040264.D
 Signal(s) : FID2B.CH
 Acq On : 29 Dec 2021 18:22
 Operator : AJ\MA
 Sample : PB141744BS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB141744BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2021

Supervised By :Ankita Jodhani 12/30/2021

Integration File: autoint1.e

Quant Time: Dec 30 00:48:15 2021

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122821.M

Quant Title : GC Extractables

QLast Update : Wed Dec 29 02:26:30 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)	10.715	6804089	43.676 ug/ml
Spiked Amount 50.000		Recovery =	87.35%
12) S 1-chlorooctadecane (S...	12.147	5346272	44.331 ug/ml
Spiked Amount 50.000		Recovery =	88.66%
Target Compounds			
1) T n-Nonane (C9)	2.651	5364043	40.875 ug/ml
2) T n-Decane (C10)	3.640	5778735	43.657 ug/ml
3) T A~Naphthalene (C11.7)	5.175	6732921	45.631 ug/ml
4) T n-Dodecane (C12)	5.608	6160613	46.388 ug/ml
5) T A~2-methylnaphthalene...	6.216	6631609	44.691 ug/ml
6) T n-Tetradecane (C14)	7.388	6320504	45.717 ug/ml
7) T n-Hexadecane (C16)	8.974	6511987	47.492 ug/ml
8) T n-Octadecane (C18)	10.407	6499021	46.022 ug/ml
10) T n-Eicosane (C20)	11.709	6385789	45.676 ug/ml
11) T n-Heneicosane (C21)	12.316	6235647	44.072 ug/ml
13) T n-Docosane (C22)	12.900	6181786	44.049 ug/ml
14) T n-Tetracosane (C24)	13.996	6105729	43.486 ug/ml
15) T n-Hexacosane (C26)	15.013	5837596	42.453 ug/ml
16) T n-Octacosane (C28)	15.956	5699470	41.897 ug/ml
17) T n-Tricontane (C30)	16.839	5371183	40.135 ug/ml
18) T n-Dotriacontane (C32)	17.665	5036743	38.910 ug/ml
19) T n-Tetratriacontane (C34)	18.446	4476272	36.919 ug/ml
20) T n-Hexatriacontane (C36)	19.181	3649178	34.242 ug/mlm
21) T n-Octatriacontane (C38)	19.886	3195101	34.599 ug/mlm
22) T n-Tetracontane (C40)	20.713	3067192	39.391 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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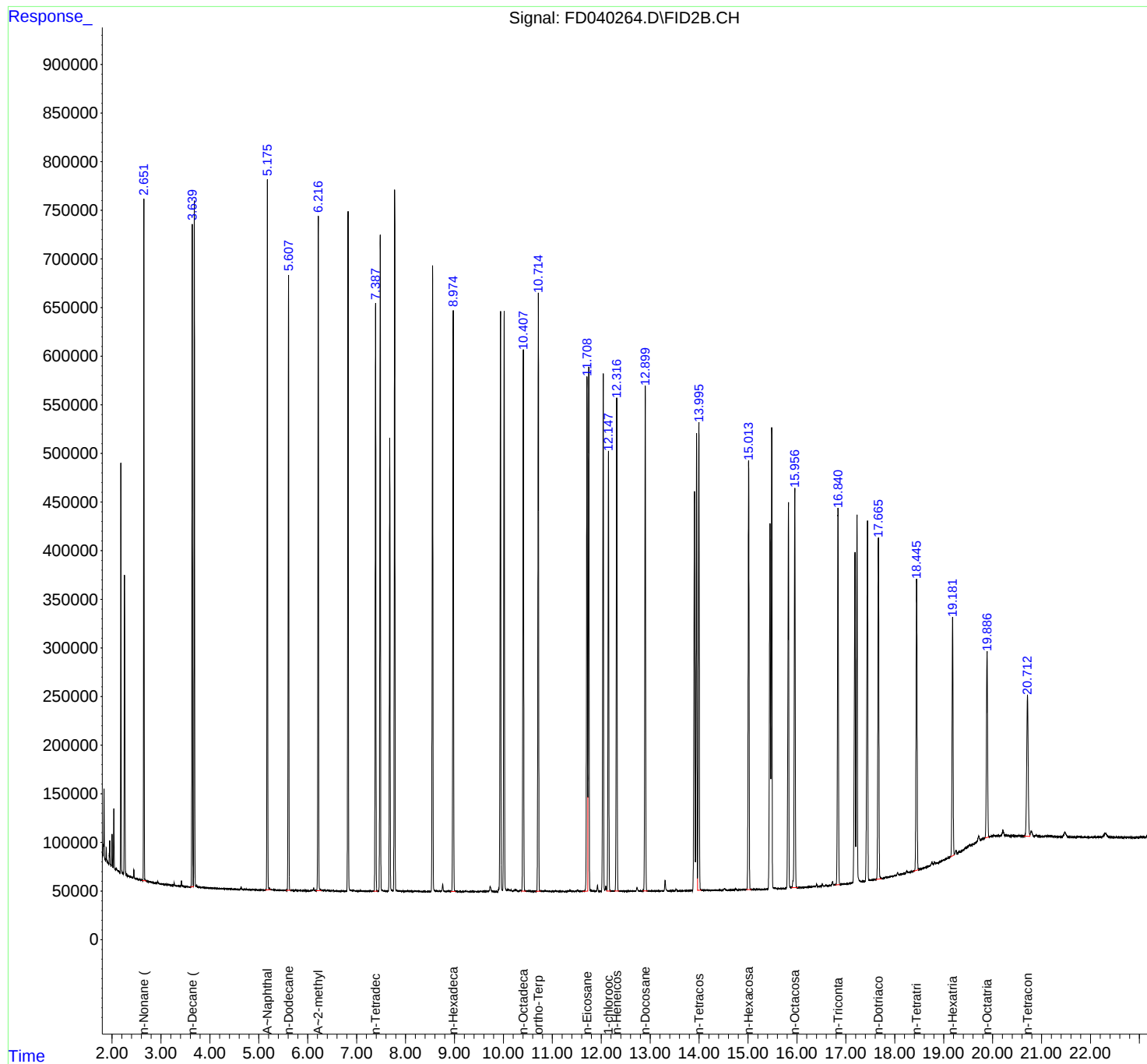
Instrument :
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PB141744BS

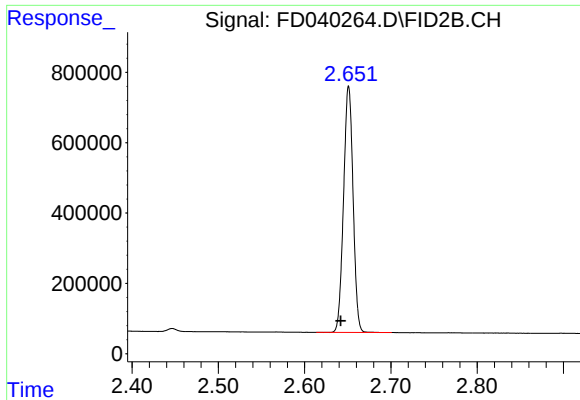
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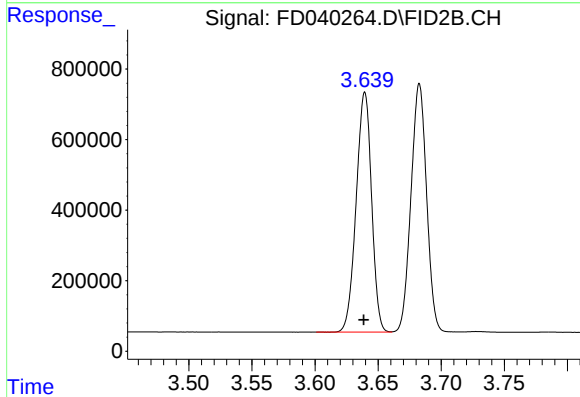
#1 n-Nonane (C9)

R.T.: 2.651 min
Delta R.T.: 0.009 min
Response: 5364043
Conc: 40.88 ug/ml

Instrument :
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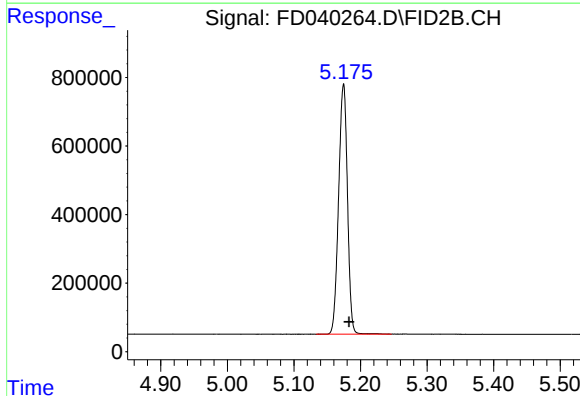
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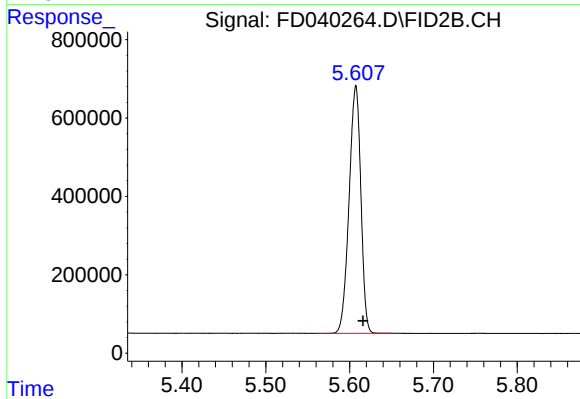
#2 n-Decane (C10)

R.T.: 3.640 min
Delta R.T.: 0.000 min
Response: 5778735
Conc: 43.66 ug/ml



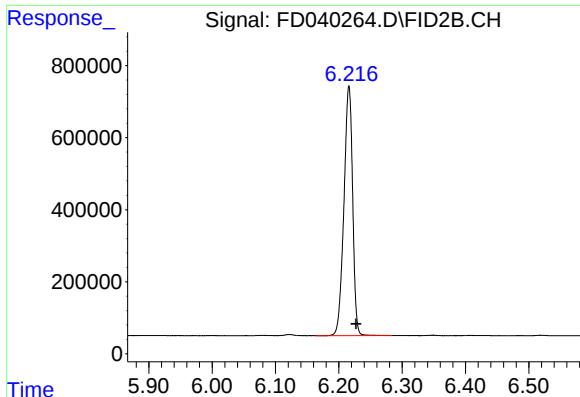
#3 A~Naphthalene (C11.7)

R.T.: 5.175 min
Delta R.T.: -0.008 min
Response: 6732921
Conc: 45.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.608 min
Delta R.T.: -0.009 min
Response: 6160613
Conc: 46.39 ug/ml



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

R.T.: 6.216 min
Delta R.T.: -0.011 min
Response: 6631609
Conc: 44.69 ug/ml

Instrument :

FID_D

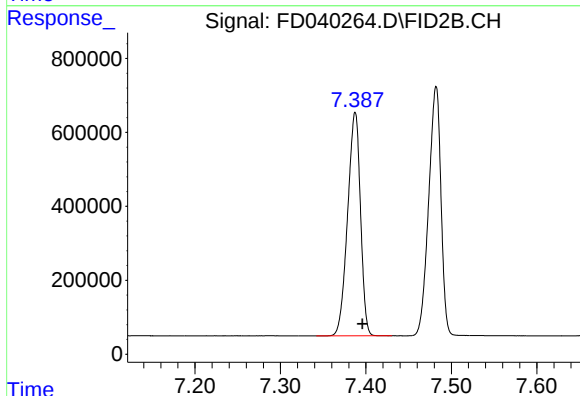
ClientSampleId :

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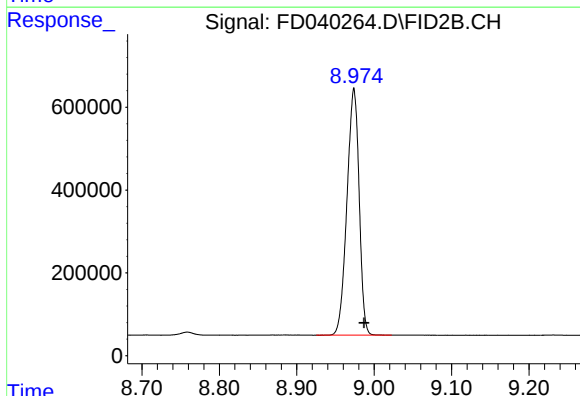
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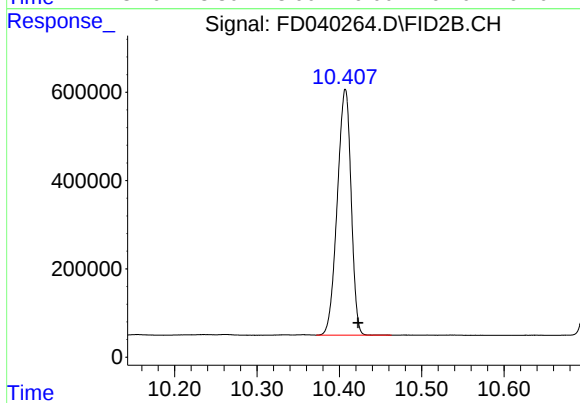
#6 n-Tetradecane (C14)

R.T.: 7.388 min
Delta R.T.: -0.008 min
Response: 6320504
Conc: 45.72 ug/ml



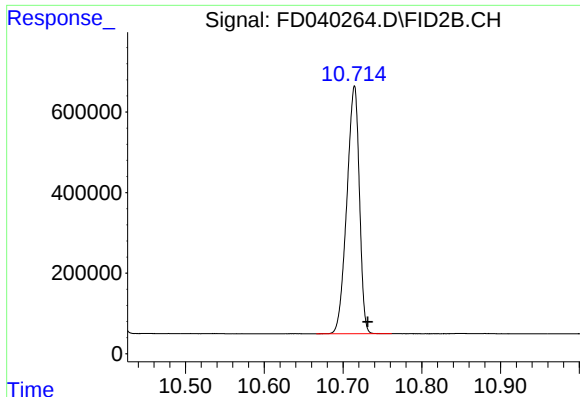
#7 n-Hexadecane (C16)

R.T.: 8.974 min
Delta R.T.: -0.013 min
Response: 6511987
Conc: 47.49 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.407 min
Delta R.T.: -0.016 min
Response: 6499021
Conc: 46.02 ug/ml



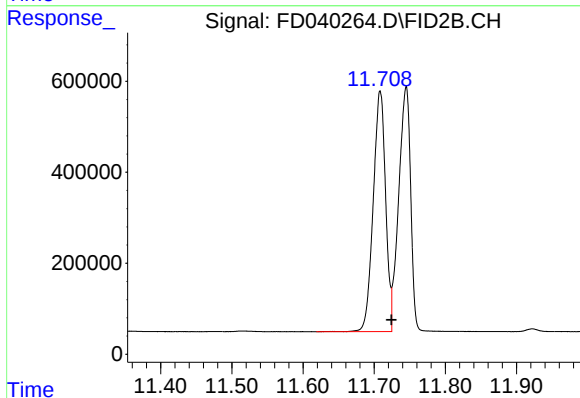
#9 ortho-Terphenyl (SURR)

R.T.: 10.715 min
Delta R.T.: -0.017 min
Response: 6804089
Conc: 43.68 ug/ml

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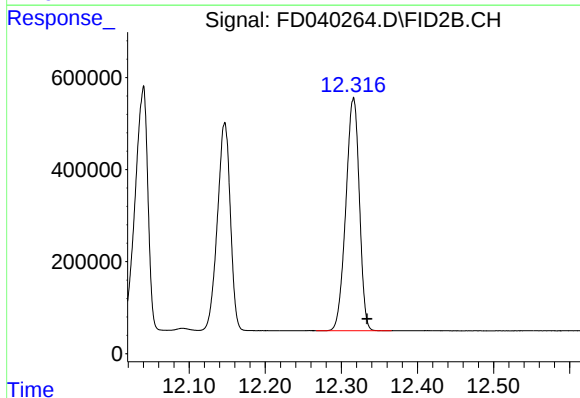
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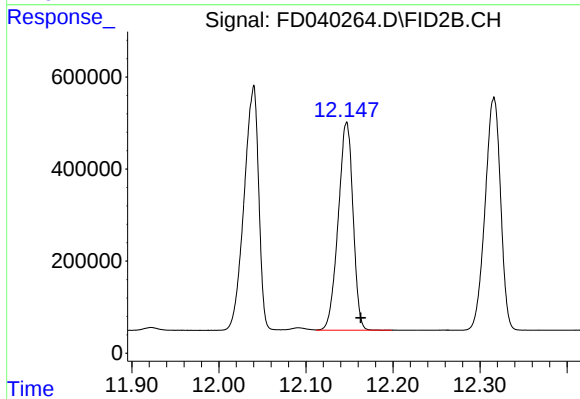
#10 n-Eicosane (C20)

R.T.: 11.709 min
Delta R.T.: -0.016 min
Response: 6385789
Conc: 45.68 ug/ml



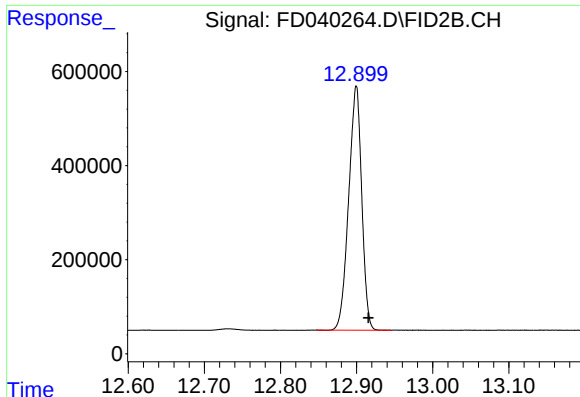
#11 n-Heneicosane (C21)

R.T.: 12.316 min
Delta R.T.: -0.018 min
Response: 6235647
Conc: 44.07 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.147 min
Delta R.T.: -0.016 min
Response: 5346272
Conc: 44.33 ug/ml



#13 n-Docosane (C22)

R.T.: 12.900 min
Delta R.T.: -0.016 min
Response: 6181786
Conc: 44.05 ug/ml

Instrument :

FID_D

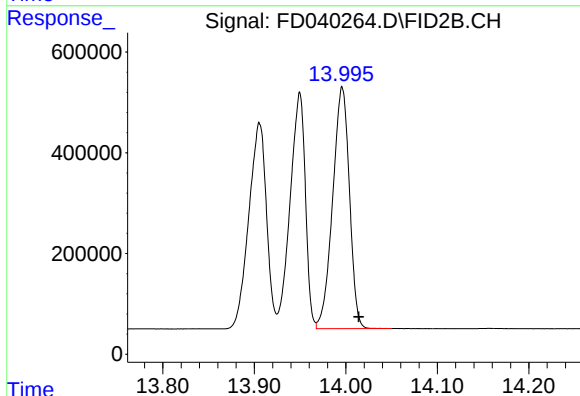
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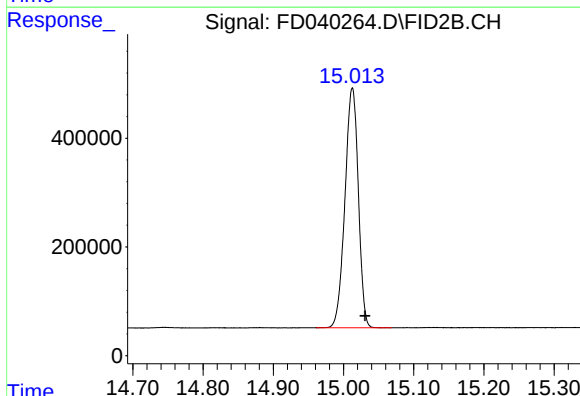
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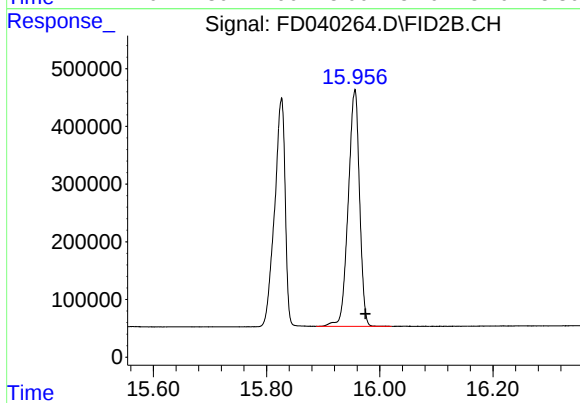
#14 n-Tetracosane (C24)

R.T.: 13.996 min
Delta R.T.: -0.018 min
Response: 6105729
Conc: 43.49 ug/ml



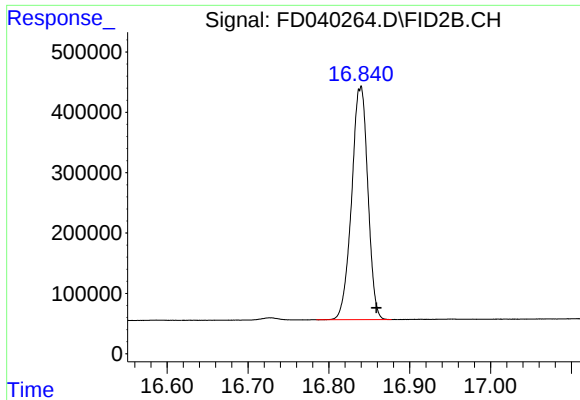
#15 n-Hexacosane (C26)

R.T.: 15.013 min
Delta R.T.: -0.018 min
Response: 5837596
Conc: 42.45 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.956 min
Delta R.T.: -0.019 min
Response: 5699470
Conc: 41.90 ug/ml



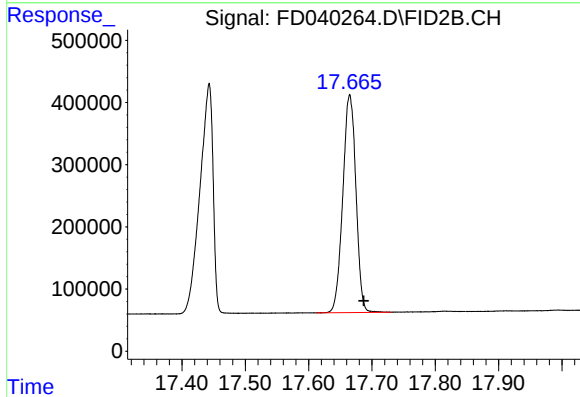
#17 n-Tricontane (C30)

R.T.: 16.839 min
Delta R.T.: -0.019 min
Response: 5371183
Conc: 40.14 ug/ml

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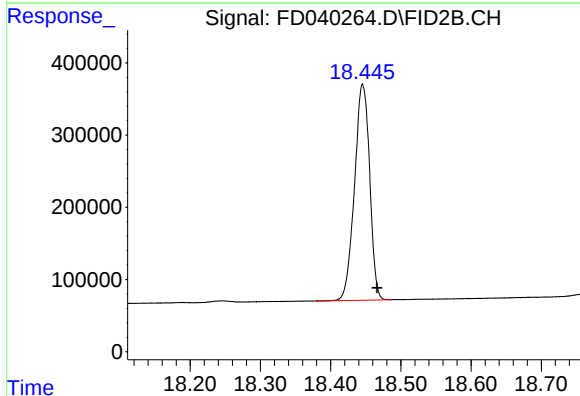
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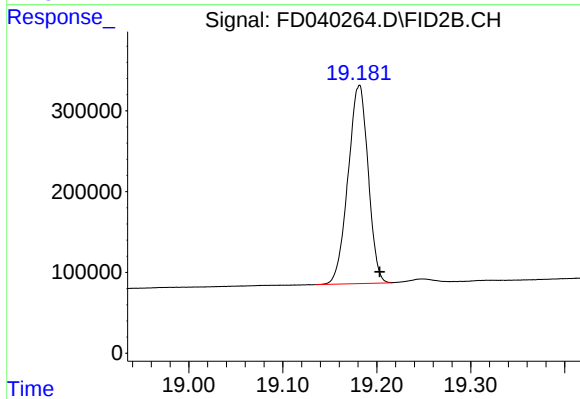
#18 n-Dotriacontane (C32)

R.T.: 17.665 min
Delta R.T.: -0.022 min
Response: 5036743
Conc: 38.91 ug/ml



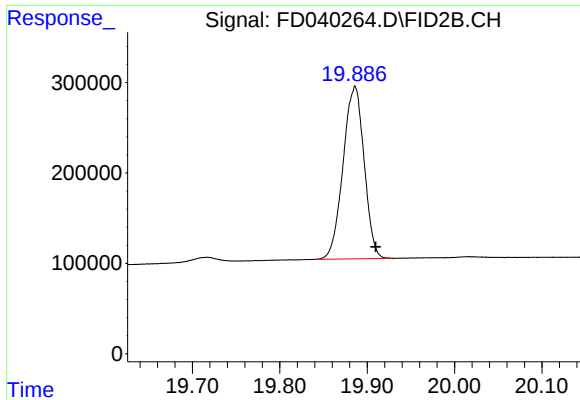
#19 n-Tetratriacontane (C34)

R.T.: 18.446 min
Delta R.T.: -0.021 min
Response: 4476272
Conc: 36.92 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.181 min
Delta R.T.: -0.022 min
Response: 3649178
Conc: 34.24 ug/ml m



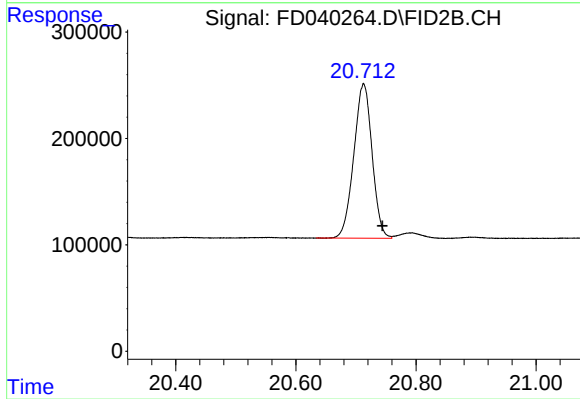
#21 n-Octatriacontane (C38)

R.T.: 19.886 min
Delta R.T.: -0.024 min
Response: 3195101
Conc: 34.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.713 min
Delta R.T.: -0.031 min
Response: 3067192
Conc: 39.39 ug/ml