

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122921AL\
 Data File : FD040269.D
 Signal(s) : FID2B.CH
 Acq On : 29 Dec 2021 21:11
 Operator : AJ\MA
 Sample : M5241-04MS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

TP-2DMS

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 00:49:47 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)	10.718	6800743	43.654 ug/mlm
Spiked Amount 50.000		Recovery =	87.31%
12) S 1-chlorooctadecane (S...	12.153	5012151	41.561 ug/mlm
Spiked Amount 50.000		Recovery =	83.12%
Target Compounds			
1) T n-Nonane (C9)	2.640	3784473	28.839 ug/ml
2) T n-Decane (C10)	3.635	4361776	32.952 ug/ml
3) T A~Naphthalene (C11.7)	5.175	5667464	38.410 ug/ml
4) T n-Dodecane (C12)	5.608	5064757	38.136 ug/ml
5) T A~2-methylnaphthalene...	6.217	5814870	39.187 ug/mlm
6) T n-Tetradecane (C14)	7.389	5495737	39.751 ug/mlm
7) T n-Hexadecane (C16)	8.977	6067654	44.252 ug/mlm
8) T n-Octadecane (C18)	10.412	6123638	43.363 ug/mlm
10) T n-Eicosane (C20)	11.713	5794032	41.443 ug/mlm
11) T n-Heneicosane (C21)	12.322	5784326	40.883 ug/mlm
13) T n-Docosane (C22)	12.904	5738687	40.891 ug/mlm
14) T n-Tetracosane (C24)	14.002	5384601	38.350 ug/mlm
15) T n-Hexacosane (C26)	15.019	5265969	38.296 ug/mlm
16) T n-Octacosane (C28)	15.959	5455642	40.105 ug/mlm
17) T n-Tricontane (C30)	16.845	5166655	38.607 ug/ml
18) T n-Dotriacontane (C32)	17.673	4748301	36.682 ug/mlm
19) T n-Tetratriacontane (C34)	18.453	4579894	37.774 ug/mlm
20) T n-Hexatriacontane (C36)	19.190	3758496	35.268 ug/mlm
21) T n-Octatriacontane (C38)	19.895	3429018	37.132 ug/mlm
22) T n-Tetracontane (C40)	20.725	3633859	46.669 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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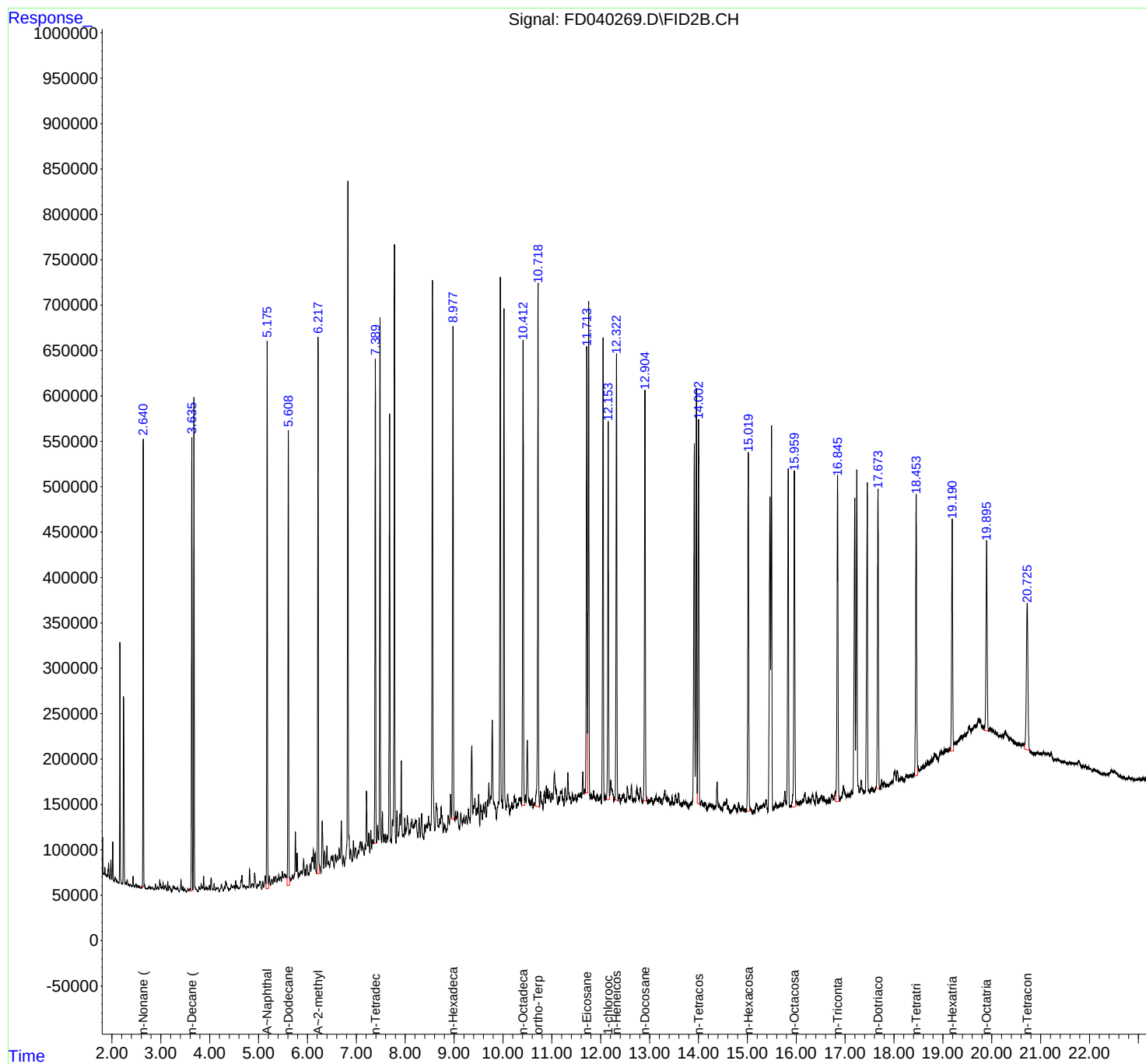
Instrument :
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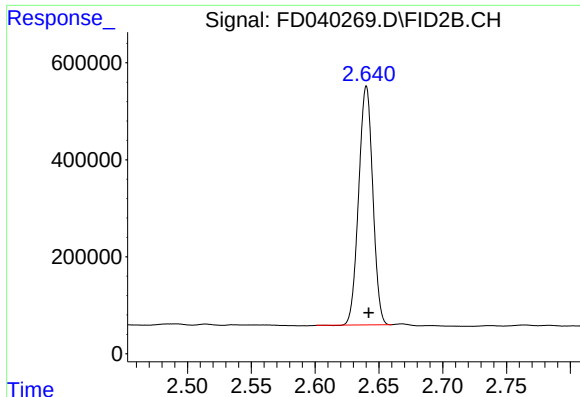
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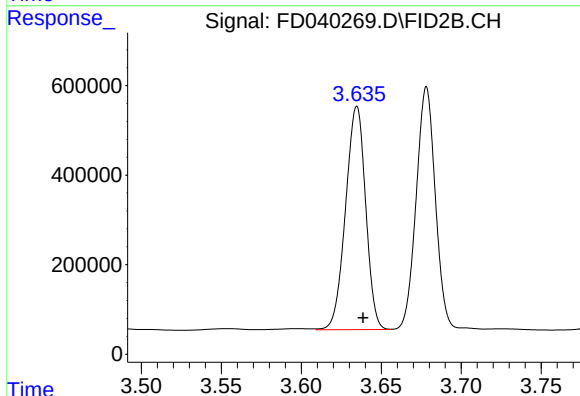
#1 n-Nonane (C9)

R.T.: 2.640 min
Delta R.T.: -0.002 min
Response: 3784473
Conc: 28.84 ug/ml

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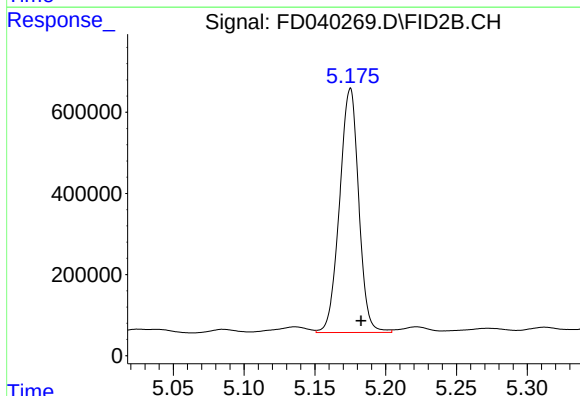
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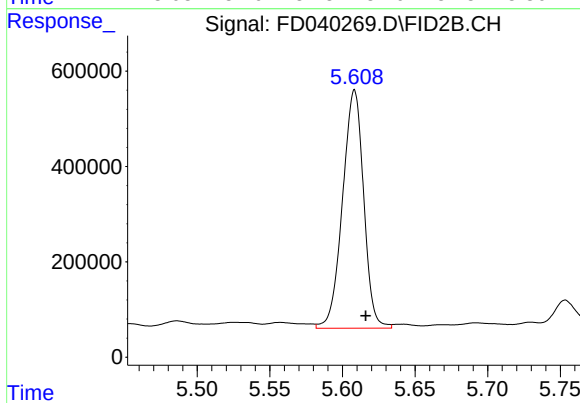
#2 n-Decane (C10)

R.T.: 3.635 min
Delta R.T.: -0.004 min
Response: 4361776
Conc: 32.95 ug/ml



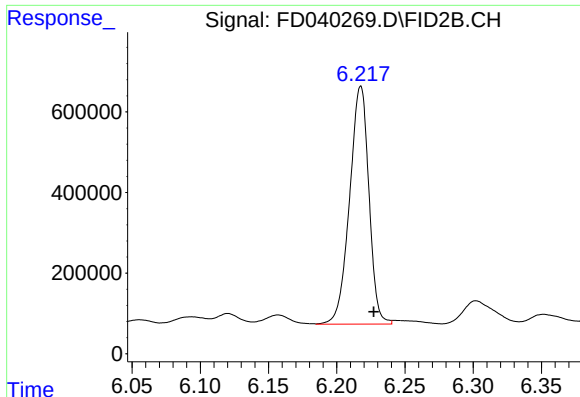
#3 A~Naphthalene (C11.7)

R.T.: 5.175 min
Delta R.T.: -0.008 min
Response: 5667464
Conc: 38.41 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.608 min
Delta R.T.: -0.008 min
Response: 5064757
Conc: 38.14 ug/ml



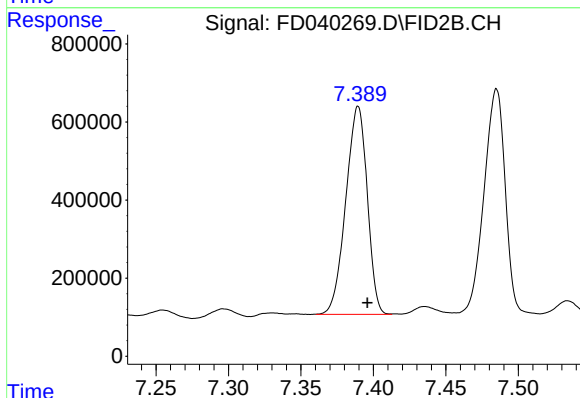
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.217 min
Delta R.T.: -0.010 min
Response: 5814870
Conc: 39.19 ug/ml

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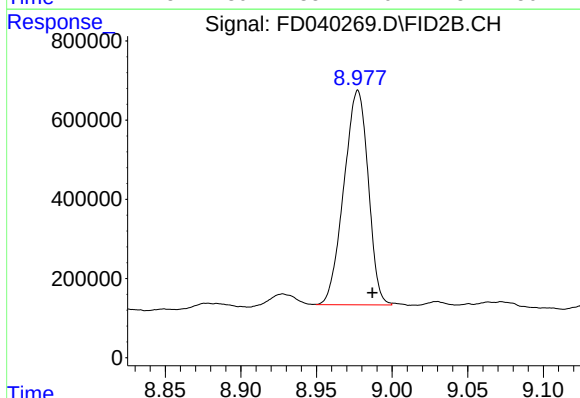
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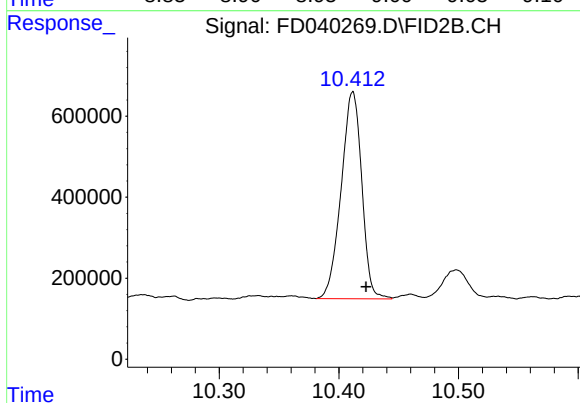
#6 n-Tetradecane (C14)

R.T.: 7.389 min
Delta R.T.: -0.007 min
Response: 5495737
Conc: 39.75 ug/ml m



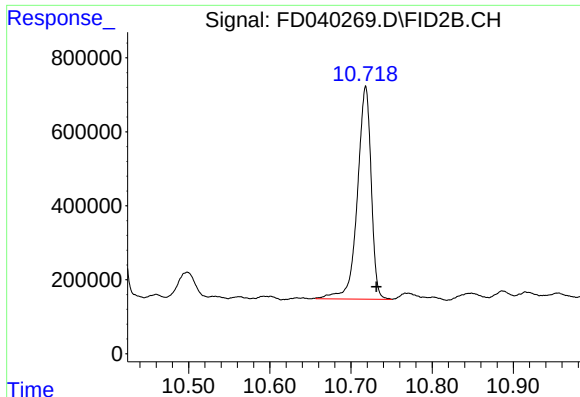
#7 n-Hexadecane (C16)

R.T.: 8.977 min
Delta R.T.: -0.010 min
Response: 6067654
Conc: 44.25 ug/ml m



#8 n-Octadecane (C18)

R.T.: 10.412 min
Delta R.T.: -0.011 min
Response: 6123638
Conc: 43.36 ug/ml m



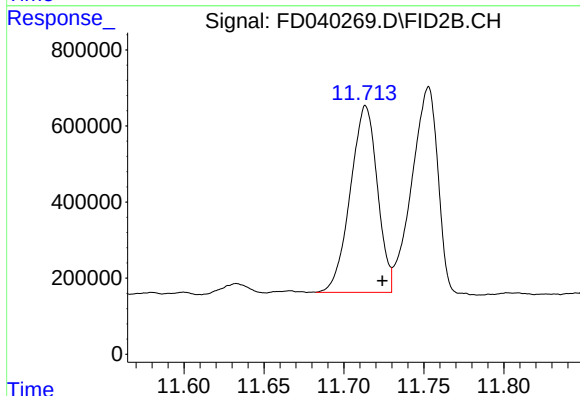
#9 ortho-Terphenyl (SURR)

R.T.: 10.718 min
Delta R.T.: -0.014 min
Response: 6800743
Conc: 43.65 ug/ml

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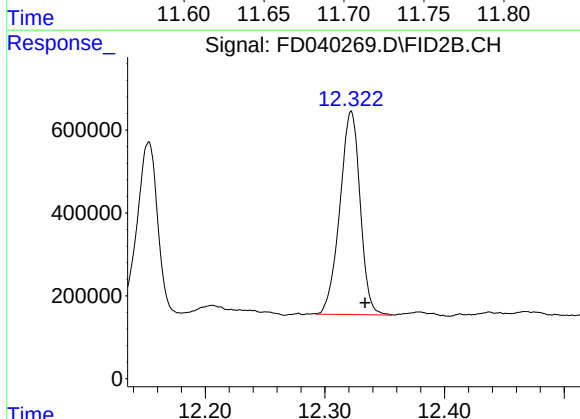
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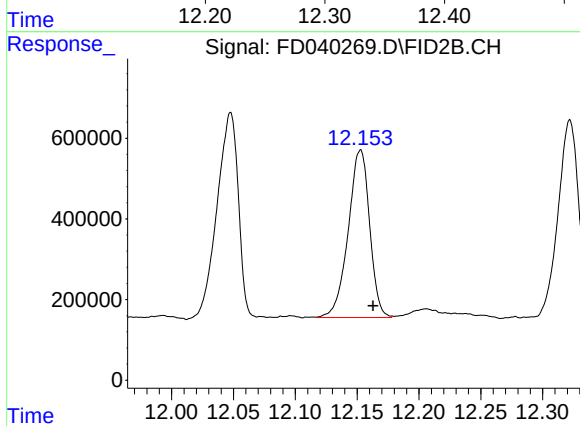
#10 n-Eicosane (C20)

R.T.: 11.713 min
Delta R.T.: -0.011 min
Response: 5794032
Conc: 41.44 ug/ml m



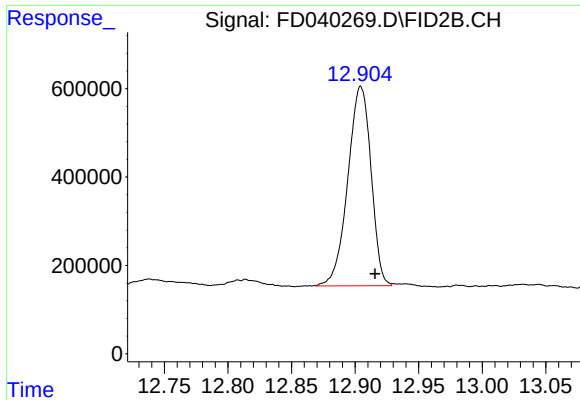
#11 n-Heneicosane (C21)

R.T.: 12.322 min
Delta R.T.: -0.012 min
Response: 5784326
Conc: 40.88 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 12.153 min
Delta R.T.: -0.010 min
Response: 5012151
Conc: 41.56 ug/ml m



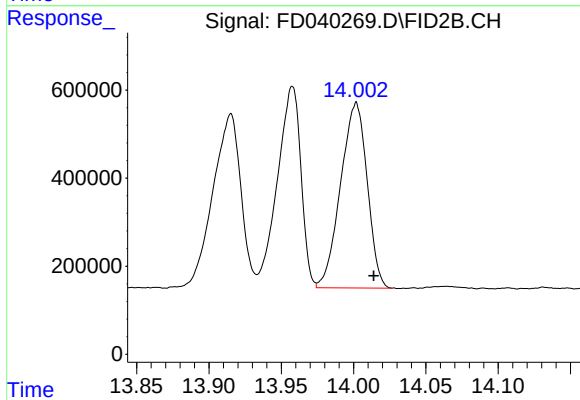
#13 n-Docosane (C22)

R.T.: 12.904 min
Delta R.T.: -0.012 min
Response: 5738687
Conc: 40.89 ug/ml

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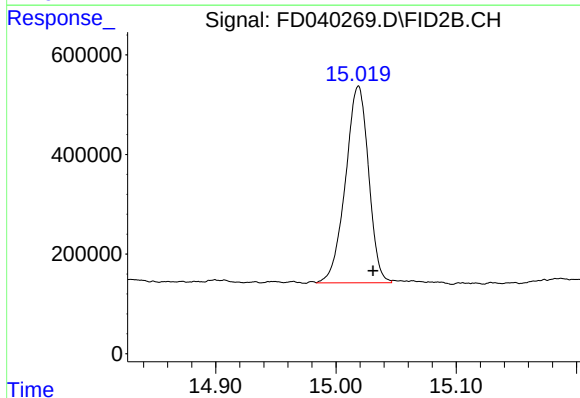
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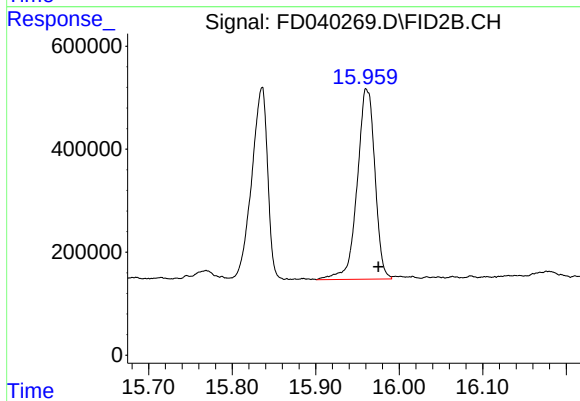
#14 n-Tetracosane (C24)

R.T.: 14.002 min
Delta R.T.: -0.012 min
Response: 5384601
Conc: 38.35 ug/ml m



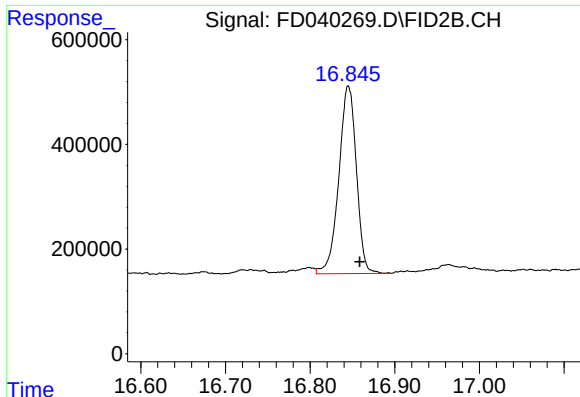
#15 n-Hexacosane (C26)

R.T.: 15.019 min
Delta R.T.: -0.012 min
Response: 5265969
Conc: 38.30 ug/ml m



#16 n-Octacosane (C28)

R.T.: 15.959 min
Delta R.T.: -0.016 min
Response: 5455642
Conc: 40.10 ug/ml m



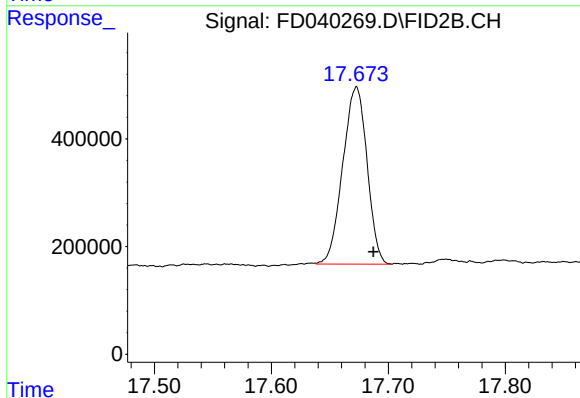
#17 n-Tricontane (C30)

R.T.: 16.845 min
Delta R.T.: -0.013 min
Response: 5166655
Conc: 38.61 ug/ml

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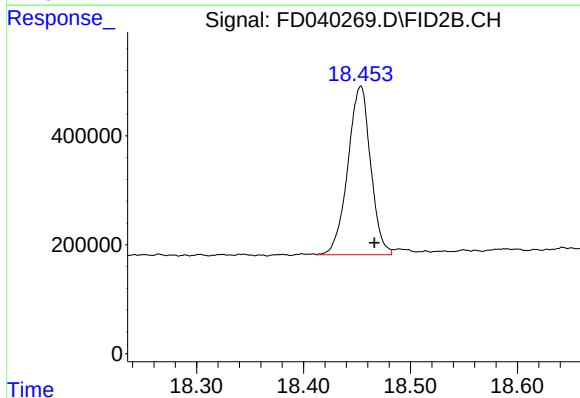
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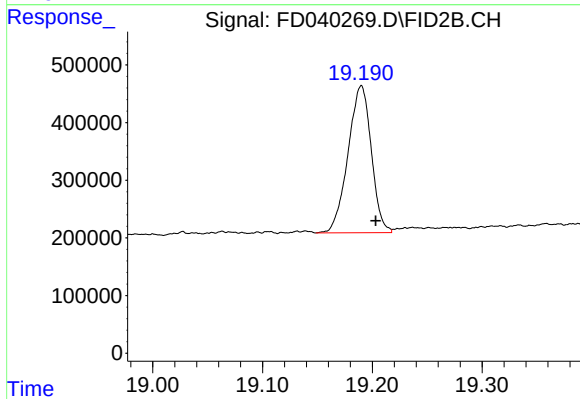
#18 n-Dotriacontane (C32)

R.T.: 17.673 min
Delta R.T.: -0.015 min
Response: 4748301
Conc: 36.68 ug/ml m



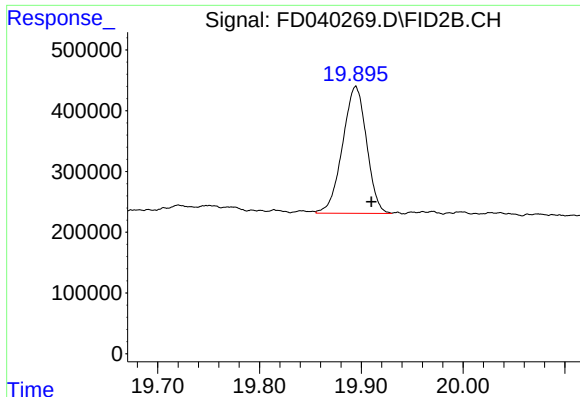
#19 n-Tetratriacontane (C34)

R.T.: 18.453 min
Delta R.T.: -0.013 min
Response: 4579894
Conc: 37.77 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.190 min
Delta R.T.: -0.013 min
Response: 3758496
Conc: 35.27 ug/ml m



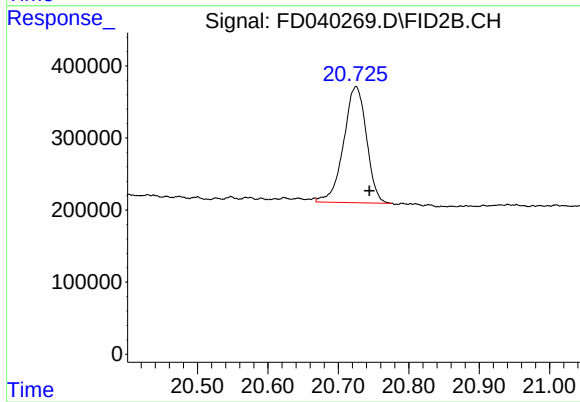
#21 n-Octatriacontane (C38)

R.T.: 19.895 min
Delta R.T.: -0.015 min
Response: 3429018
Conc: 37.13 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.725 min
Delta R.T.: -0.019 min
Response: 3633859
Conc: 46.67 ug/ml m