

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111921AL\
 Data File : FD039552.D
 Signal(s) : FID2B.CH
 Acq On : 20 Nov 2021 4:29
 Operator : AJ\MA
 Sample : M4758-01MS
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

TP1MS

Manual Integrations

APPROVED

Reviewed By :Ankita Jodhani 11/22/2021

Supervised By :Sohil Jodhani 11/22/2021

Integration File: autoint1.e

Quant Time: Nov 20 05:00:42 2021

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102621.M

Quant Title : GC Extractables

QLast Update : Wed Oct 27 04:49:08 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)	11.660	4563749	35.769 ug/ml
Spiked Amount 50.000		Recovery =	71.54%
12) S 1-chlorooctadecane (S...	13.086	3707768	35.677 ug/ml
Spiked Amount 50.000		Recovery =	71.35%
Target Compounds			
1) T n-Nonane (C9)	3.419	3978410	34.216 ug/mlm
2) T n-Decane (C10)	4.491	4671382	39.957 ug/ml
3) T A~Naphthalene (C11.7)	6.083	5347691	41.494 ug/ml
4) T n-Dodecane (C12)	6.507	5103353	43.130 ug/ml
5) T A~2-methylnaphthalene...	7.138	5381035	40.972 ug/ml
6) T n-Tetradecane (C14)	8.300	5630438	47.769 ug/ml
7) T n-Hexadecane (C16)	9.897	6164747	51.445 ug/ml
8) T n-Octadecane (C18)	11.337	6444694	52.658 ug/ml
10) T n-Eicosane (C20)	12.643	6258220	50.744 ug/ml
11) T n-Heneicosane (C21)	13.253	6158363	49.178 ug/ml
13) T n-Docosane (C22)	13.838	6099456	49.108 ug/ml
14) T n-Tetracosane (C24)	14.937	11458515	92.306 ug/ml
15) T n-Hexacosane (C26)	15.957	5765635	46.934 ug/ml
16) T n-Octacosane (C28)	16.900	5520542	47.419 ug/ml
17) T n-Tricontane (C30)	17.786	5492461	46.628 ug/ml
18) T n-Dotriacontane (C32)	18.612	5326463	46.587 ug/ml
19) T n-Tetratriacontane (C34)	19.393	5038413	47.534 ug/ml
20) T n-Hexatriacontane (C36)	20.130	4647969	45.627 ug/ml
21) T n-Octatriacontane (C38)	20.868	4414093	45.998 ug/ml
22) T n-Tetracontane (C40)	21.790	4464027	48.388 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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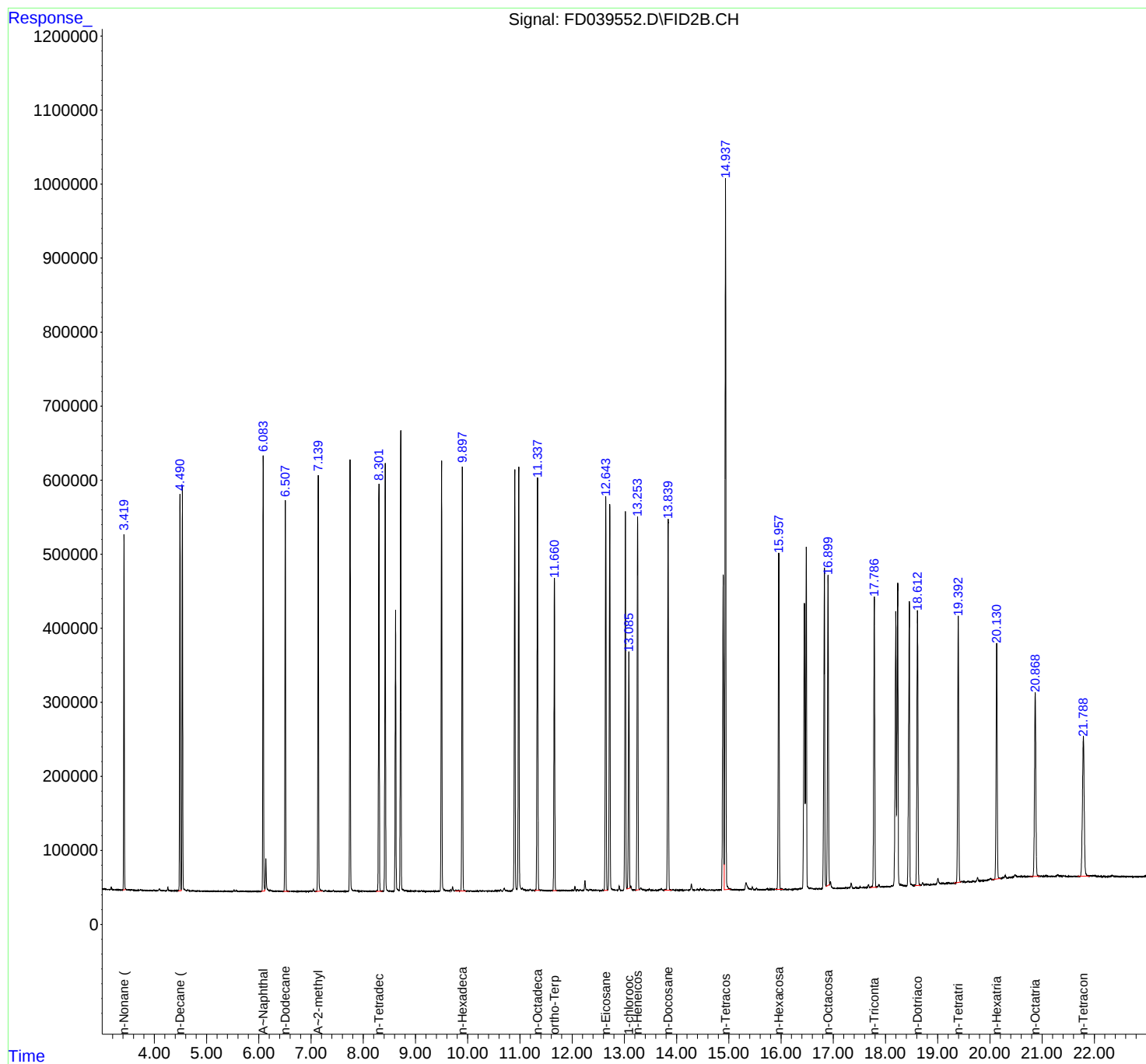
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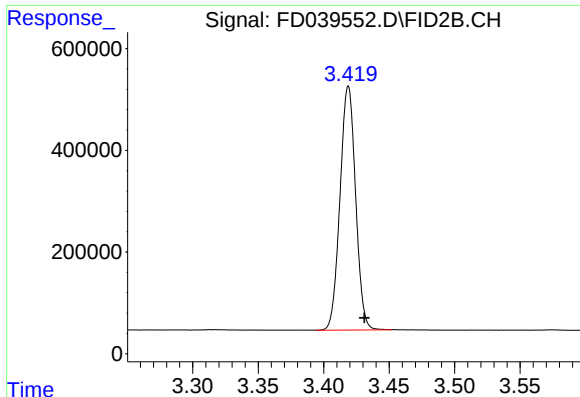
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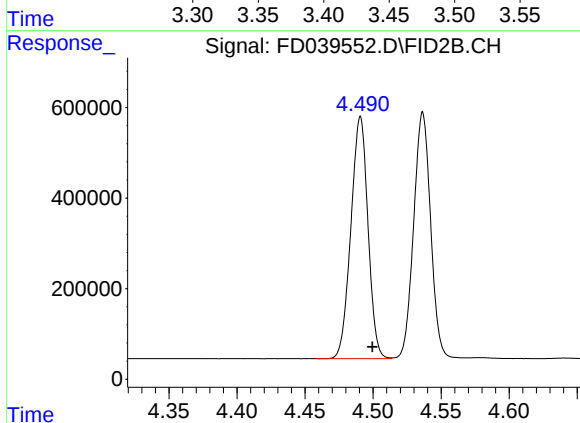
#1 n-Nonane (C9)

R.T.: 3.419 min
Delta R.T.: -0.012 min
Response: 3978410
Conc: 34.22 ug/ml

Instrument :
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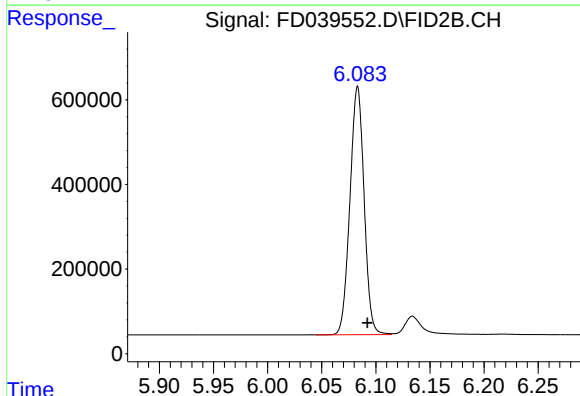
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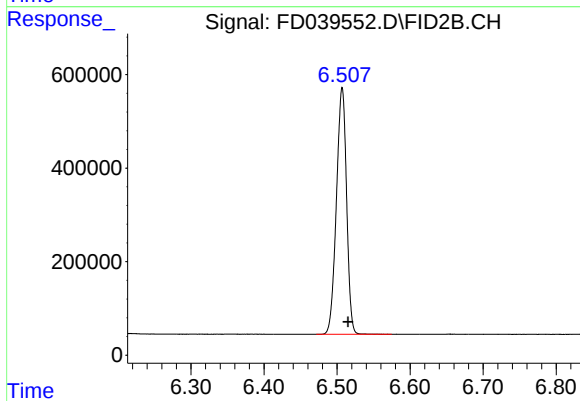
#2 n-Decane (C10)

R.T.: 4.491 min
Delta R.T.: -0.009 min
Response: 4671382
Conc: 39.96 ug/ml



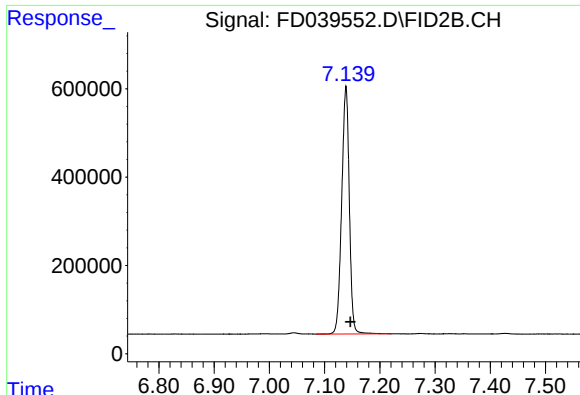
#3 A~Naphthalene (C11.7)

R.T.: 6.083 min
Delta R.T.: -0.009 min
Response: 5347691
Conc: 41.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.507 min
Delta R.T.: -0.008 min
Response: 5103353
Conc: 43.13 ug/ml



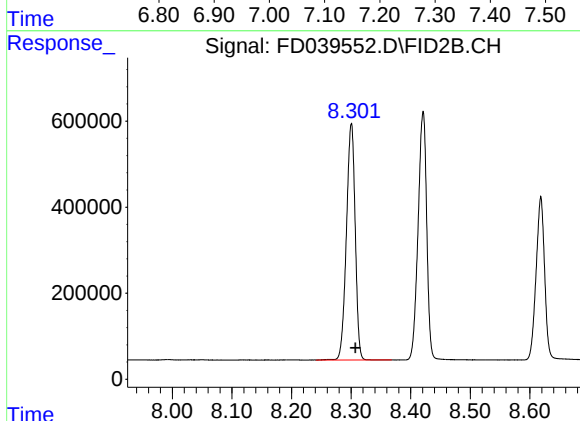
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.138 min
Delta R.T.: -0.008 min
Response: 5381035
Conc: 40.97 ug/ml

Instrument :
FID_D
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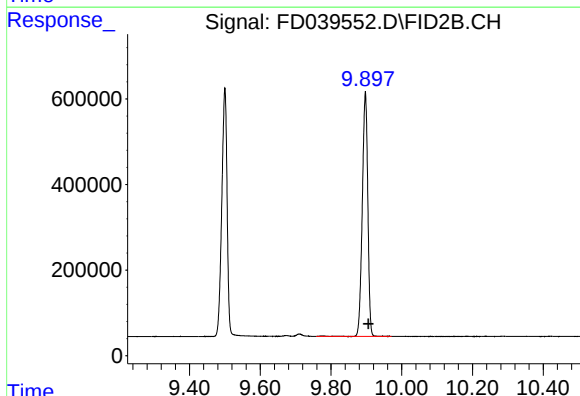
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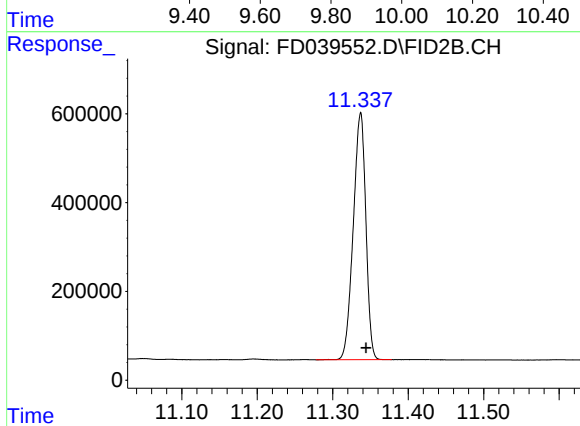
#6 n-Tetradecane (C14)

R.T.: 8.300 min
Delta R.T.: -0.007 min
Response: 5630438
Conc: 47.77 ug/ml



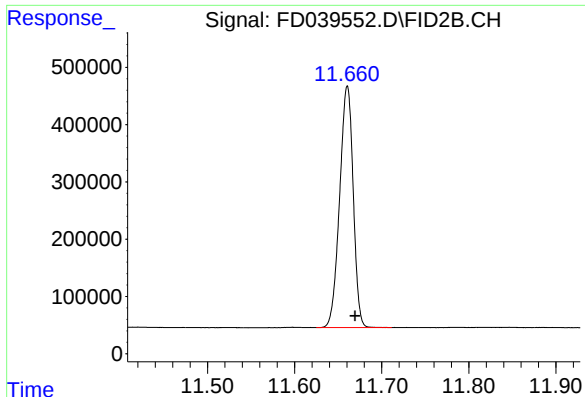
#7 n-Hexadecane (C16)

R.T.: 9.897 min
Delta R.T.: -0.008 min
Response: 6164747
Conc: 51.44 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.337 min
Delta R.T.: -0.008 min
Response: 6444694
Conc: 52.66 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.660 min
Delta R.T.: -0.009 min
Response: 4563749
Conc: 35.77 ug/ml

Instrument :

FID_D

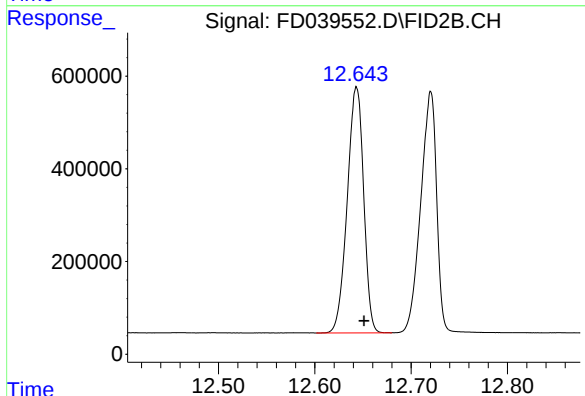
ClientSampleId :

TP1MS

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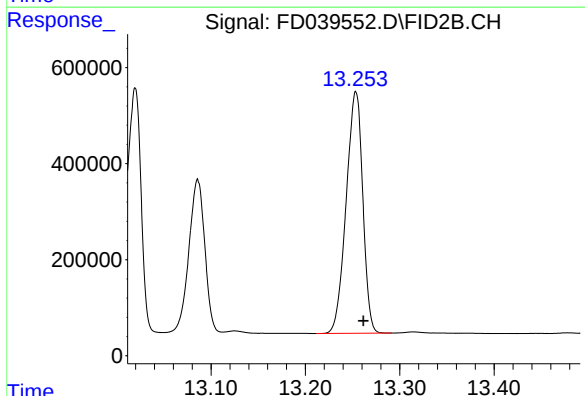
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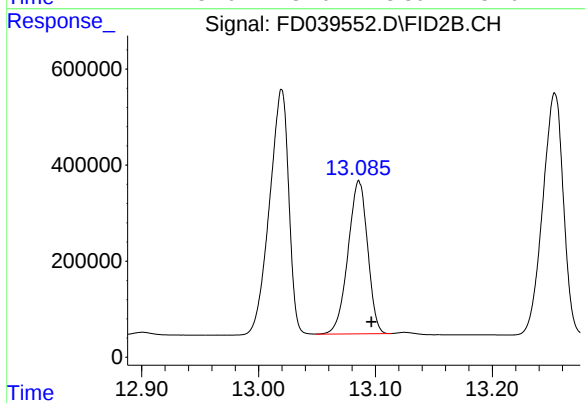
#10 n-Eicosane (C20)

R.T.: 12.643 min
Delta R.T.: -0.008 min
Response: 6258220
Conc: 50.74 ug/ml



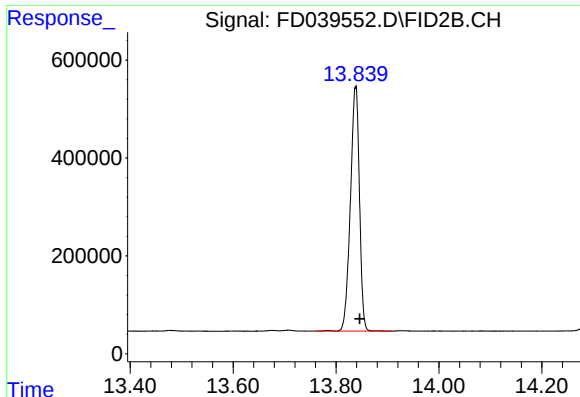
#11 n-Heneicosane (C21)

R.T.: 13.253 min
Delta R.T.: -0.008 min
Response: 6158363
Conc: 49.18 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.086 min
Delta R.T.: -0.011 min
Response: 3707768
Conc: 35.68 ug/ml



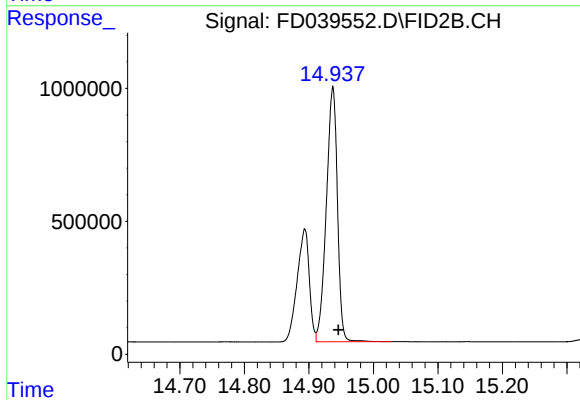
#13 n-Docosane (C22)

R.T.: 13.838 min
Delta R.T.: -0.008 min
Response: 6099456
Conc: 49.11 ug/ml

Instrument :
FID_D
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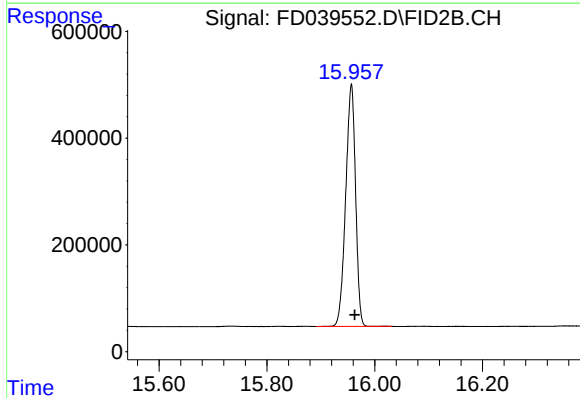
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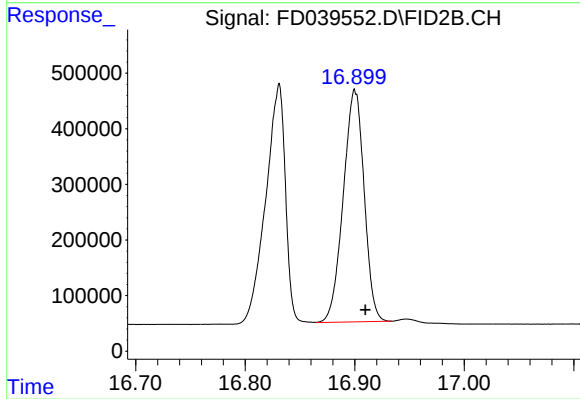
#14 n-Tetracosane (C24)

R.T.: 14.937 min
Delta R.T.: -0.009 min
Response: 11458515
Conc: 92.31 ug/ml



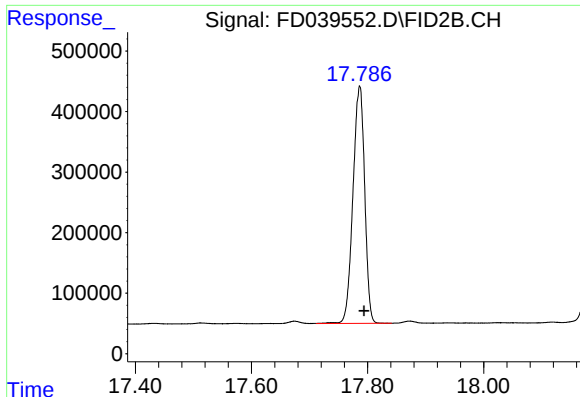
#15 n-Hexacosane (C26)

R.T.: 15.957 min
Delta R.T.: -0.006 min
Response: 5765635
Conc: 46.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.900 min
Delta R.T.: -0.010 min
Response: 5520542
Conc: 47.42 ug/ml



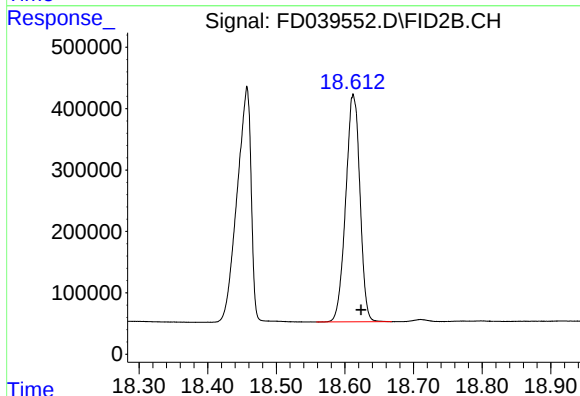
#17 n-Tricontane (C30)

R.T.: 17.786 min
Delta R.T.: -0.008 min
Response: 5492461
Conc: 46.63 ug/ml

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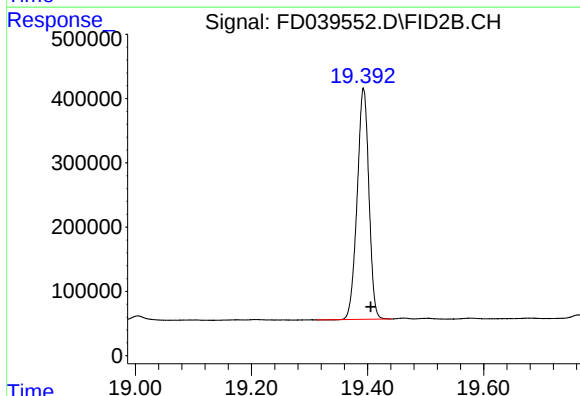
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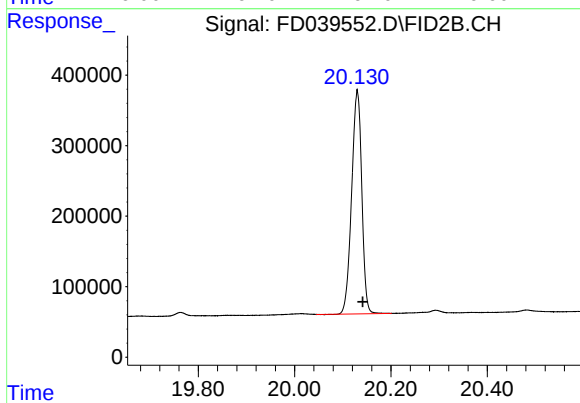
#18 n-Dotriacontane (C32)

R.T.: 18.612 min
Delta R.T.: -0.011 min
Response: 5326463
Conc: 46.59 ug/ml



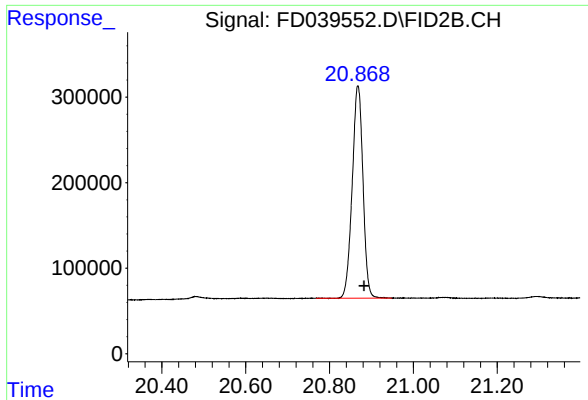
#19 n-Tetratriacontane (C34)

R.T.: 19.393 min
Delta R.T.: -0.012 min
Response: 5038413
Conc: 47.53 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.130 min
Delta R.T.: -0.011 min
Response: 4647969
Conc: 45.63 ug/ml



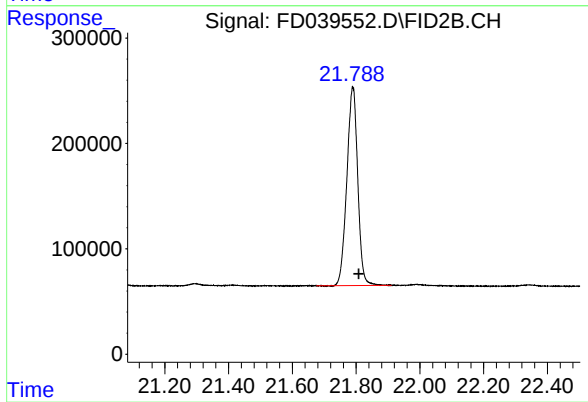
#21 n-Octatriacontane (C38)

R.T.: 20.868 min
Delta R.T.: -0.015 min
Response: 4414093
Conc: 46.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.790 min
Delta R.T.: -0.019 min
Response: 4464027
Conc: 48.39 ug/ml