

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052222AL\
 Data File : FD042614.D
 Signal(s) : FID2B.CH
 Acq On : 21 May 2022 21:34
 Operator : UA/NP
 Sample : N2982-02MSD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

P-2MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/23/2022

Supervised By :Ankita Jodhani 05/23/2022

Integration File: autoint1.e

Quant Time: May 23 01:29:36 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	6046237	36.081 ug/ml
Spiked Amount 50.000		Recovery =	72.16%
12) S 1-chlorooctadecane (S...	12.643	4938153	38.298 ug/ml
Spiked Amount 50.000		Recovery =	76.60%
Target Compounds			
1) T n-Nonane (C9)	3.085	4570326	30.095 ug/ml
2) T n-Decane (C10)	4.125	5184368	34.460 ug/ml
3) T A~Naphthalene (C11.7)	5.672	6150846	39.930 ug/ml
4) T n-Dodecane (C12)	6.115	5838334	37.155 ug/ml
5) T A~2-methylnaphthalene...	6.717	6336273	41.177 ug/ml
6) T n-Tetradecane (C14)	7.893	6143521	38.988 ug/ml
7) T n-Hexadecane (C16)	9.477	6567519	41.581 ug/ml
8) T n-Octadecane (C18)	10.908	6986247	44.294 ug/ml
10) T n-Eicosane (C20)	12.207	6661541	43.247 ug/ml
11) T n-Heneicosane (C21)	12.814	6541910	42.785 ug/ml
13) T n-Docosane (C22)	13.397	6417646	42.859 ug/ml
14) T n-Tetracosane (C24)	14.492	6824433	47.312 ug/ml
15) T n-Hexacosane (C26)	15.507	6000620	42.848 ug/ml
16) T n-Octacosane (C28)	16.450	6004207	44.045 ug/ml
17) T n-Tricontane (C30)	17.335	5728207	43.025 ug/ml
18) T n-Dotriacontane (C32)	18.160	5660652	44.486 ug/ml
19) T n-Tetratriacontane (C34)	18.939	5396836	44.716 ug/mlm
20) T n-Hexatriacontane (C36)	19.673	5041480	44.516 ug/mlm
21) T n-Octatriacontane (C38)	20.369	4641456	42.982 ug/mlm
22) T n-Tetracontane (C40)	21.144	4436594	41.589 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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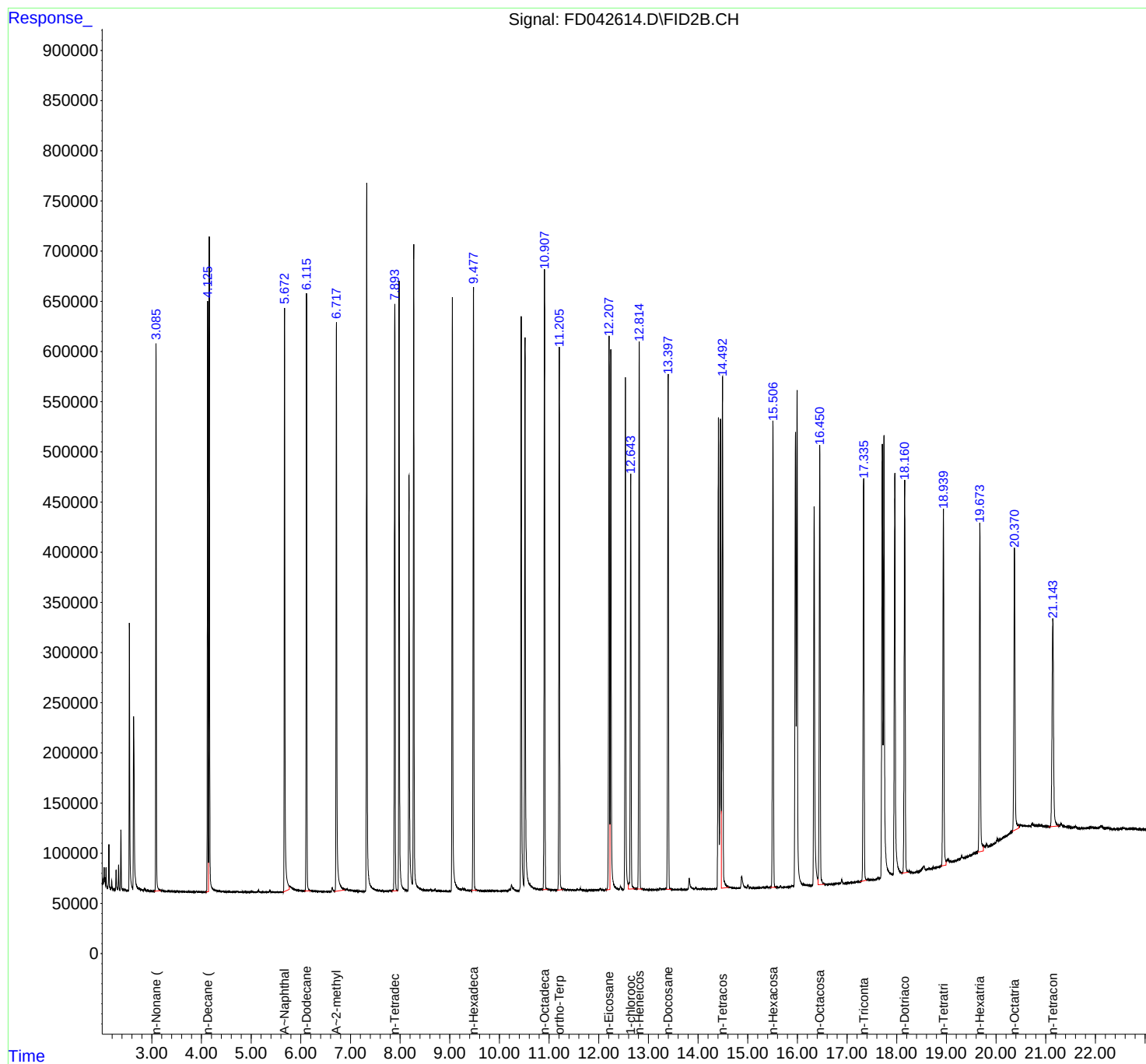
Instrument :
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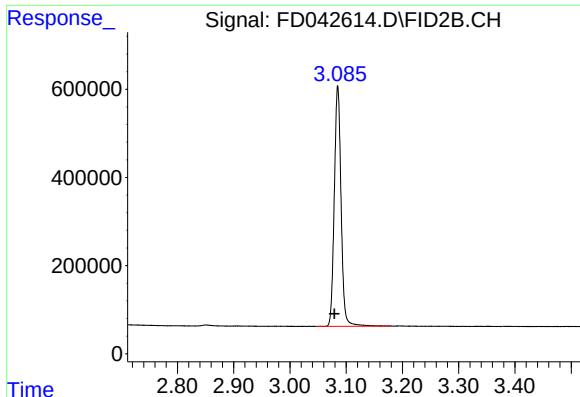
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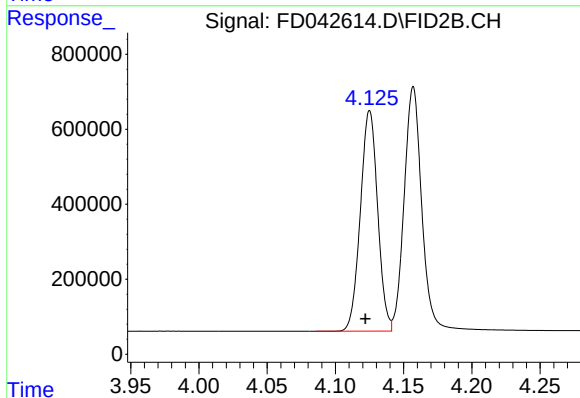
#1 n-Nonane (C9)

R.T.: 3.085 min
Delta R.T.: 0.006 min
Response: 4570326
Conc: 30.09 ug/ml

Instrument :
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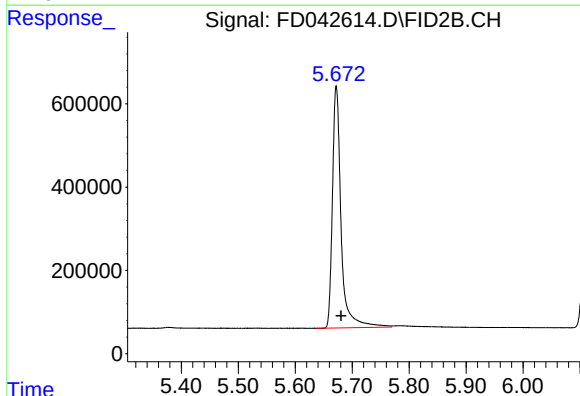
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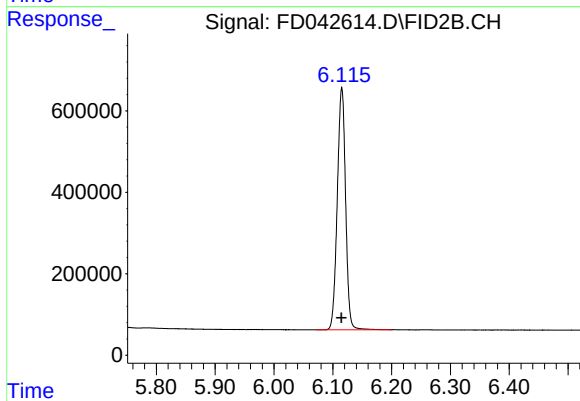
#2 n-Decane (C10)

R.T.: 4.125 min
Delta R.T.: 0.003 min
Response: 5184368
Conc: 34.46 ug/ml



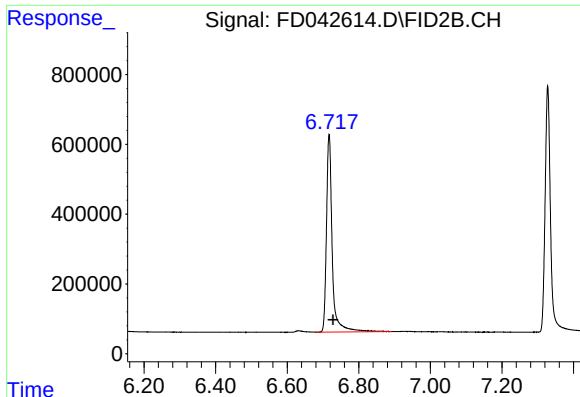
#3 A~Naphthalene (C11.7)

R.T.: 5.672 min
Delta R.T.: -0.008 min
Response: 6150846
Conc: 39.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.115 min
Delta R.T.: 0.001 min
Response: 5838334
Conc: 37.16 ug/ml



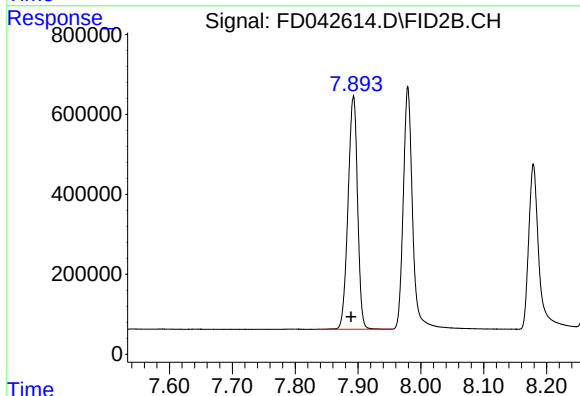
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.717 min
Delta R.T.: -0.011 min
Response: 6336273
Conc: 41.18 ug/ml

Instrument :
FID_D
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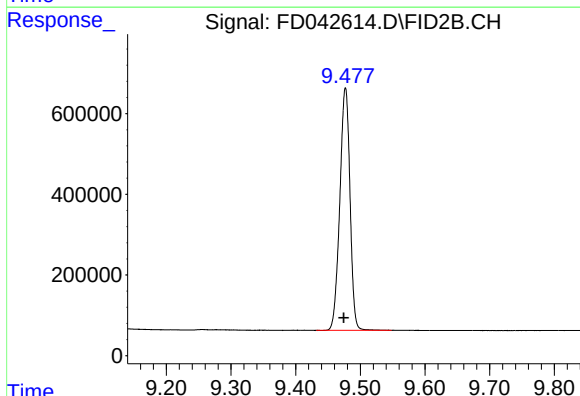
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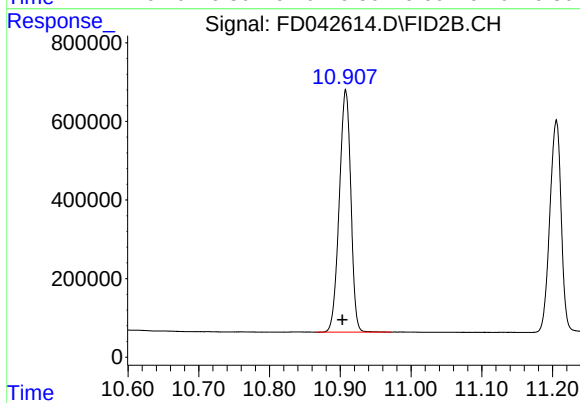
#6 n-Tetradecane (C14)

R.T.: 7.893 min
Delta R.T.: 0.004 min
Response: 6143521
Conc: 38.99 ug/ml



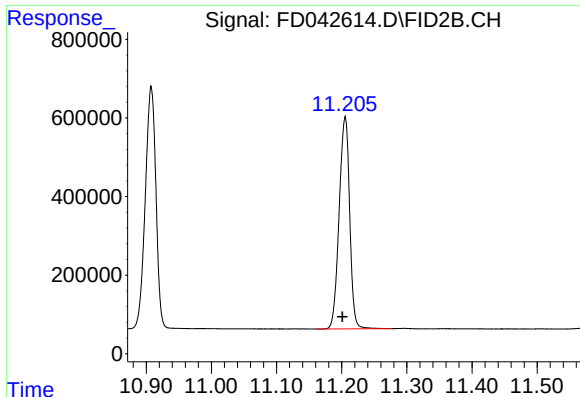
#7 n-Hexadecane (C16)

R.T.: 9.477 min
Delta R.T.: 0.003 min
Response: 6567519
Conc: 41.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.908 min
Delta R.T.: 0.005 min
Response: 6986247
Conc: 44.29 ug/ml



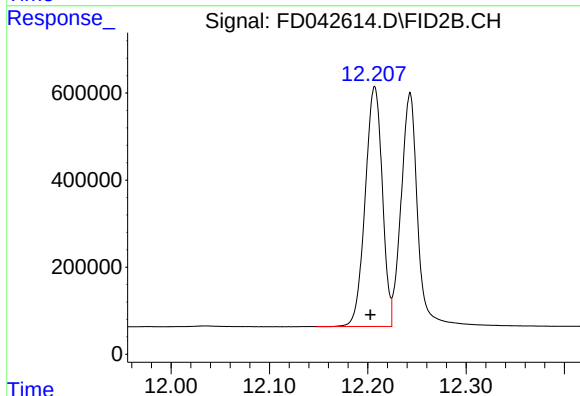
#9 ortho-Terphenyl (SURR)

R.T.: 11.205 min
Delta R.T.: 0.004 min
Response: 6046237
Conc: 36.08 ug/ml

Instrument :
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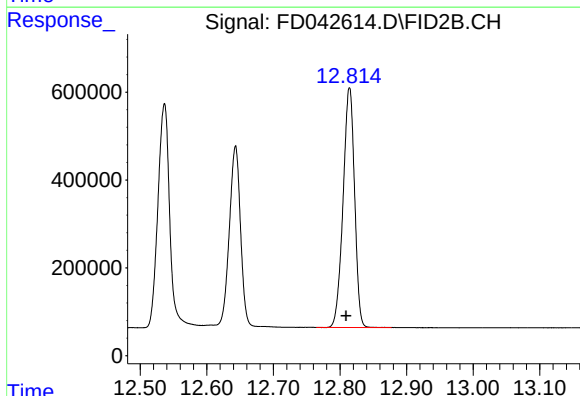
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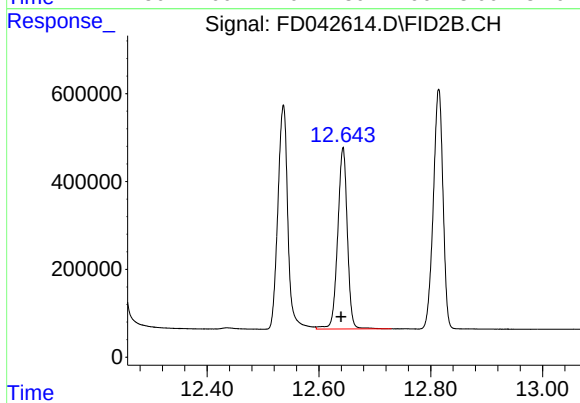
#10 n-Eicosane (C20)

R.T.: 12.207 min
Delta R.T.: 0.004 min
Response: 6661541
Conc: 43.25 ug/ml



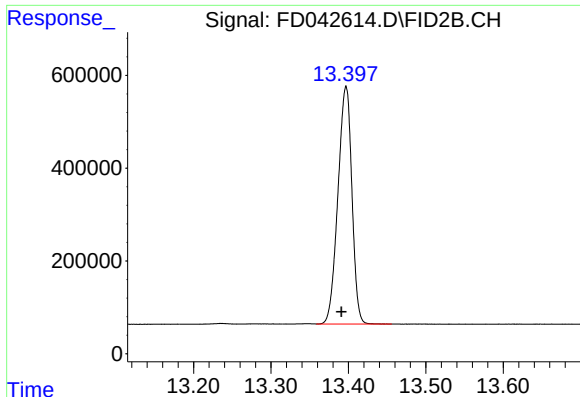
#11 n-Heneicosane (C21)

R.T.: 12.814 min
Delta R.T.: 0.005 min
Response: 6541910
Conc: 42.79 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.643 min
Delta R.T.: 0.003 min
Response: 4938153
Conc: 38.30 ug/ml



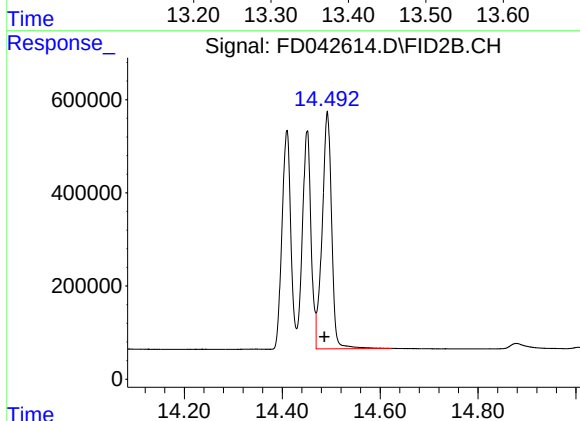
#13 n-Docosane (C22)

R.T.: 13.397 min
Delta R.T.: 0.006 min
Response: 6417646
Conc: 42.86 ug/ml

Instrument :
FID_D
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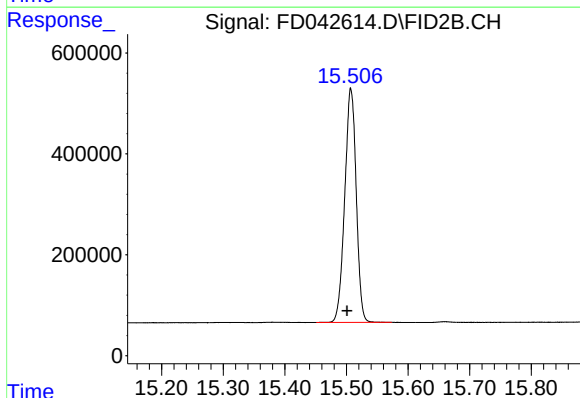
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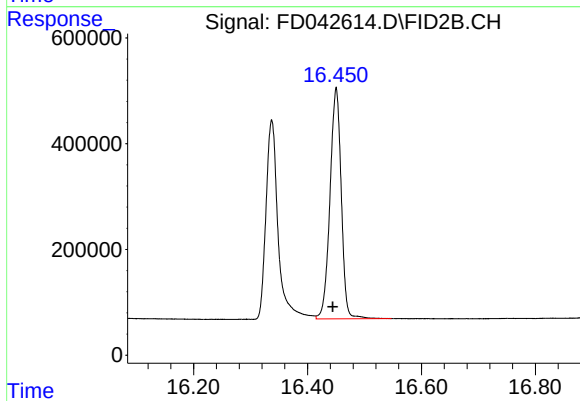
#14 n-Tetracosane (C24)

R.T.: 14.492 min
Delta R.T.: 0.006 min
Response: 6824433
Conc: 47.31 ug/ml



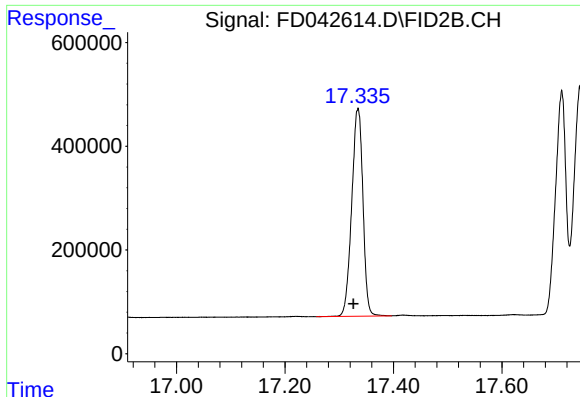
#15 n-Hexacosane (C26)

R.T.: 15.507 min
Delta R.T.: 0.006 min
Response: 6000620
Conc: 42.85 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.450 min
Delta R.T.: 0.006 min
Response: 6004207
Conc: 44.04 ug/ml



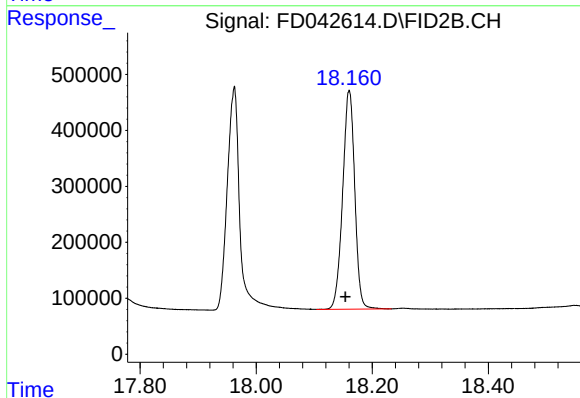
#17 n-Tricontane (C30)

R.T.: 17.335 min
Delta R.T.: 0.008 min
Response: 5728207
Conc: 43.03 ug/ml

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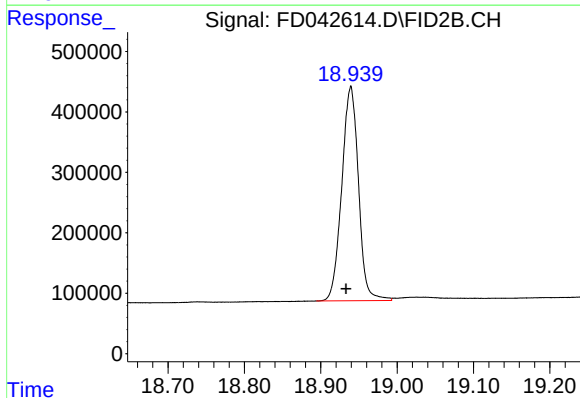
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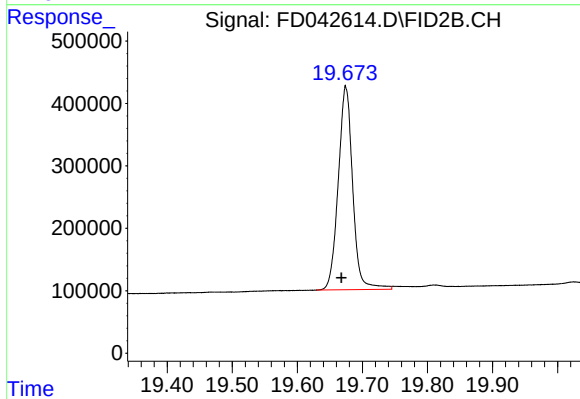
#18 n-Dotriacontane (C32)

R.T.: 18.160 min
Delta R.T.: 0.006 min
Response: 5660652
Conc: 44.49 ug/ml



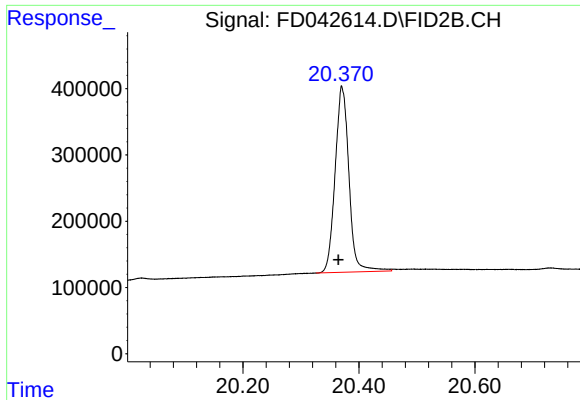
#19 n-Tetratriacontane (C34)

R.T.: 18.939 min
Delta R.T.: 0.006 min
Response: 5396836
Conc: 44.72 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.673 min
Delta R.T.: 0.005 min
Response: 5041480
Conc: 44.52 ug/ml m



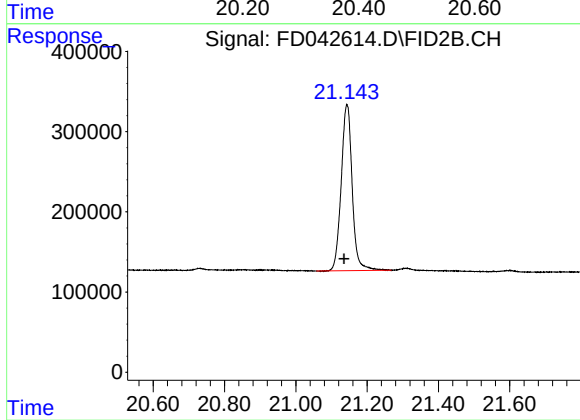
#21 n-Octatriacontane (C38)

R.T.: 20.369 min
Delta R.T.: 0.005 min
Response: 4641456
Conc: 42.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.144 min
Delta R.T.: 0.008 min
Response: 4436594
Conc: 41.59 ug/ml