

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010322AL\
 Data File : FD040376.D
 Signal(s) : FID2B.CH
 Acq On : 04 Jan 2022 5:11
 Operator : AJ\MA
 Sample : M5337-10MSD
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

WC-1-EPH-2MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2022

Supervised By :Ankita Jodhani 01/04/2022

Integration File: autoint1.e

Quant Time: Jan 04 09:55:00 2022

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)	10.671	4896893	31.433 ug/ml
Spiked Amount 50.000		Recovery =	62.87%
12) S 1-chlorooctadecane (S...	12.105	3701281	30.691 ug/mlm
Spiked Amount 50.000		Recovery =	61.38%
Target Compounds			
1) T n-Nonane (C9)	2.622	4133759	31.500 ug/ml
2) T n-Decane (C10)	3.609	4692831	35.453 ug/mlm
3) T A~Naphthalene (C11.7)	5.141	5451793	36.948 ug/ml
4) T n-Dodecane (C12)	5.575	5068519	38.164 ug/ml
5) T A~2-methylnaphthalene...	6.181	5490653	37.002 ug/ml
6) T n-Tetradecane (C14)	7.353	5598898	40.498 ug/ml
7) T n-Hexadecane (C16)	8.937	5957454	43.448 ug/ml
8) T n-Octadecane (C18)	10.368	5989806	42.416 ug/ml
10) T n-Eicosane (C20)	11.669	5922851	42.365 ug/mlm
11) T n-Heneicosane (C21)	12.277	5695479	40.255 ug/ml
13) T n-Docosane (C22)	12.858	5644755	40.222 ug/ml
14) T n-Tetracosane (C24)	13.954	5580991	39.749 ug/ml
15) T n-Hexacosane (C26)	14.970	5302056	38.559 ug/ml
16) T n-Octacosane (C28)	15.912	5197724	38.209 ug/ml
17) T n-Tricontane (C30)	16.796	4910916	36.696 ug/mlm
18) T n-Dotriacontane (C32)	17.623	4678698	36.144 ug/ml
19) T n-Tetratriacontane (C34)	18.402	4227943	34.871 ug/ml
20) T n-Hexatriacontane (C36)	19.137	3553133	33.341 ug/ml
21) T n-Octatriacontane (C38)	19.837	3272514	35.437 ug/mlm
22) T n-Tetracontane (C40)	20.649	3296571	42.337 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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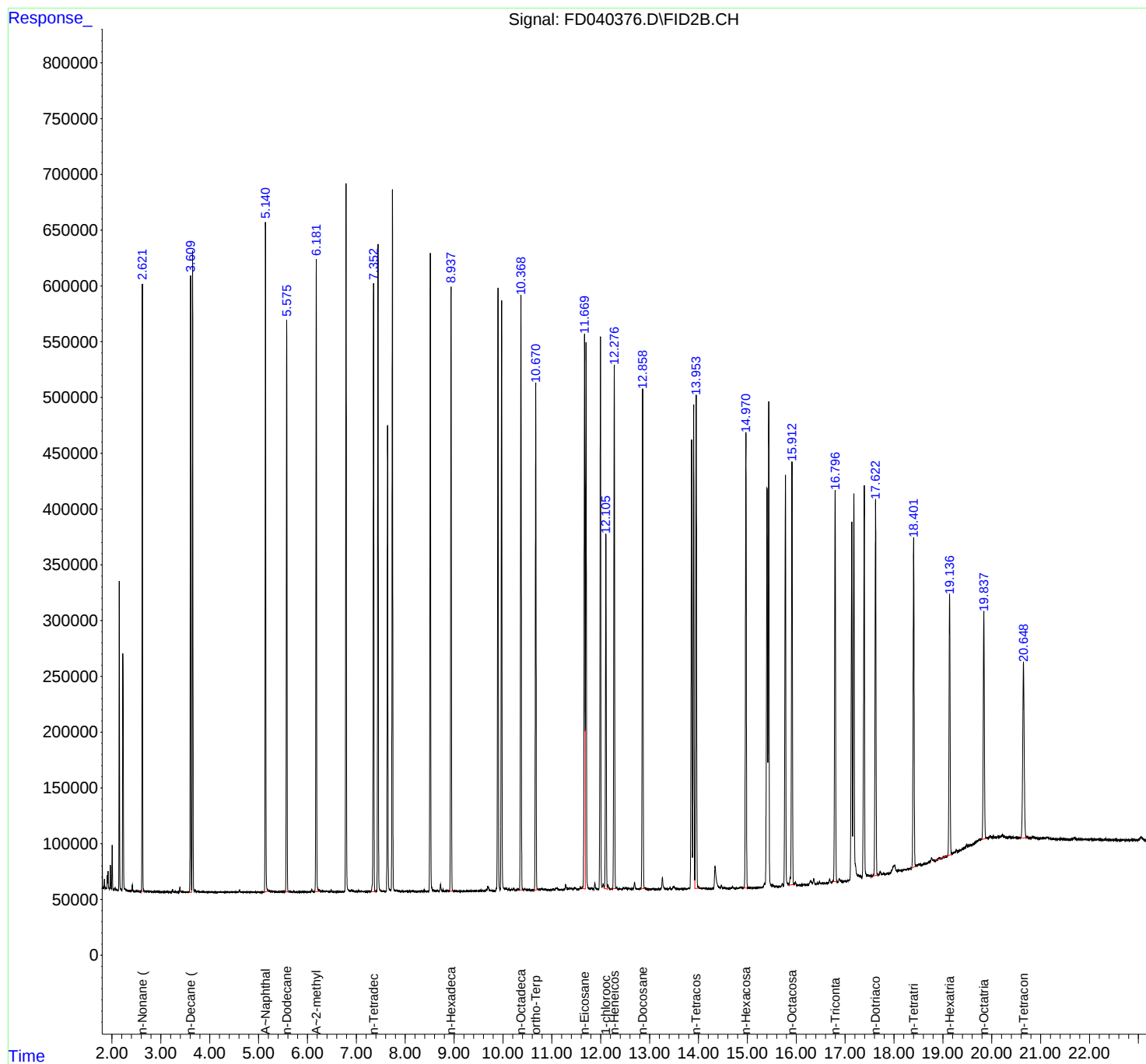
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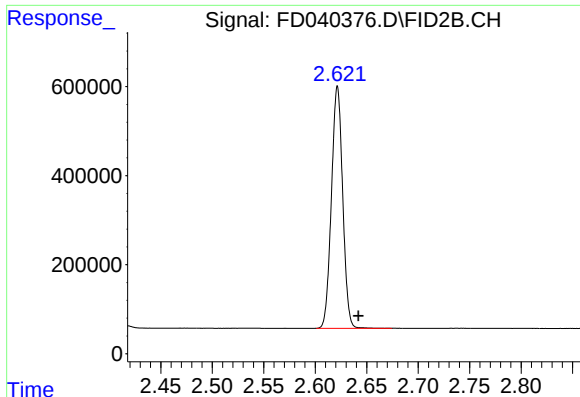
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.622 min
Delta R.T.: -0.020 min
Response: 4133759
Conc: 31.50 ug/ml

Instrument :

FID_D

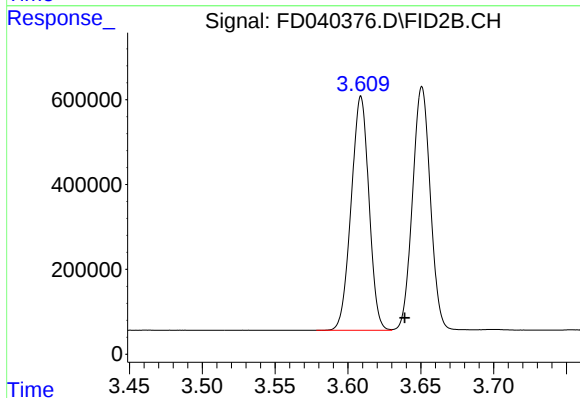
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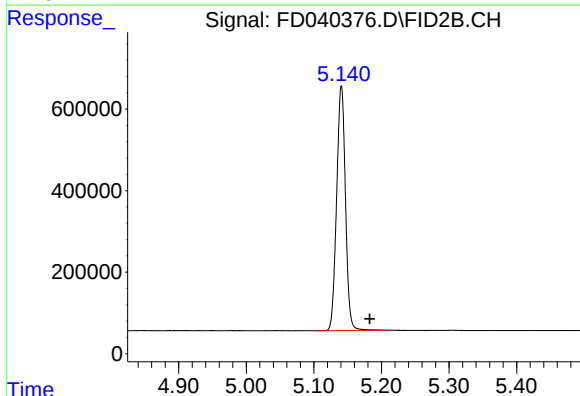
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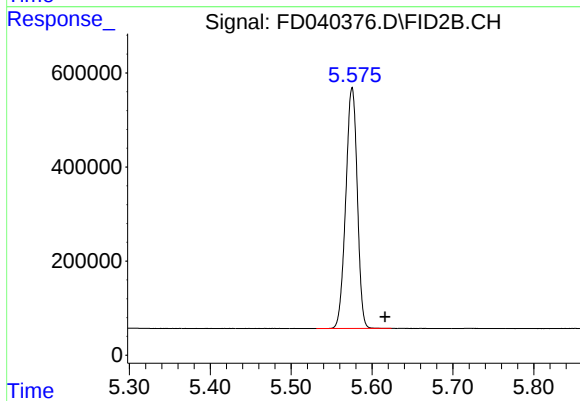
#2 n-Decane (C10)

R.T.: 3.609 min
Delta R.T.: -0.030 min
Response: 4692831
Conc: 35.45 ug/ml m



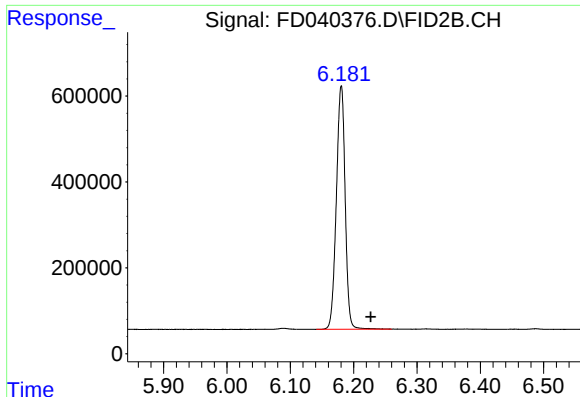
#3 A~Naphthalene (C11.7)

R.T.: 5.141 min
Delta R.T.: -0.042 min
Response: 5451793
Conc: 36.95 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.575 min
Delta R.T.: -0.041 min
Response: 5068519
Conc: 38.16 ug/ml



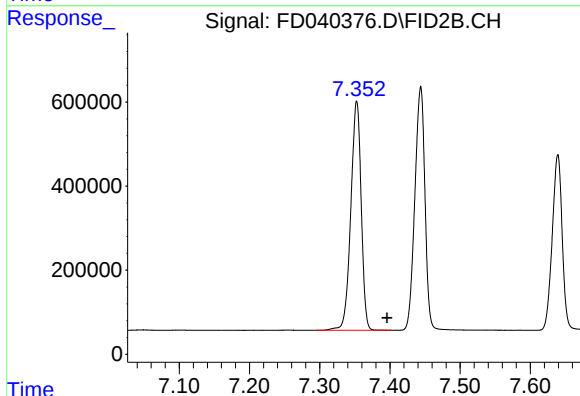
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.181 min
Delta R.T.: -0.046 min
Response: 5490653
Conc: 37.00 ug/ml

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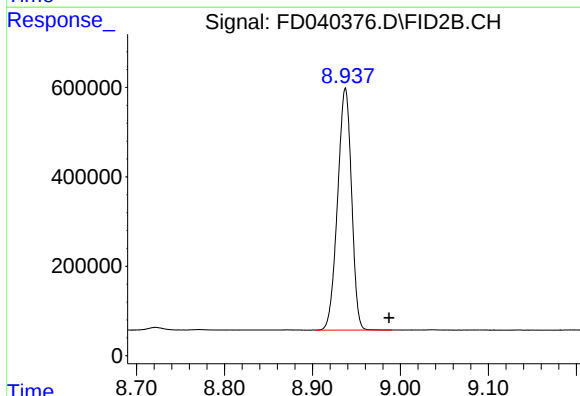
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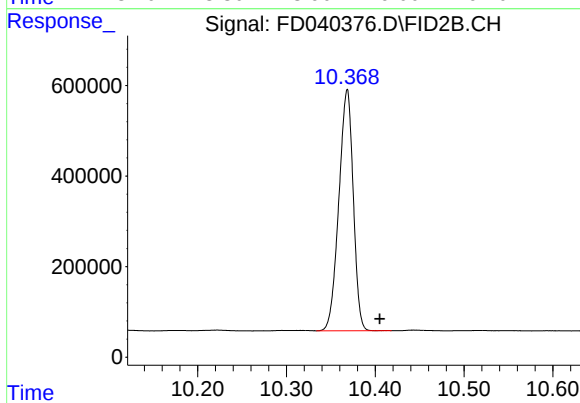
#6 n-Tetradecane (C14)

R.T.: 7.353 min
Delta R.T.: -0.043 min
Response: 5598898
Conc: 40.50 ug/ml



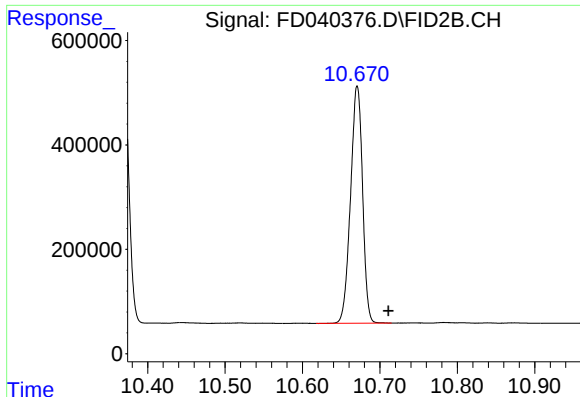
#7 n-Hexadecane (C16)

R.T.: 8.937 min
Delta R.T.: -0.050 min
Response: 5957454
Conc: 43.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.368 min
Delta R.T.: -0.037 min
Response: 5989806
Conc: 42.42 ug/ml



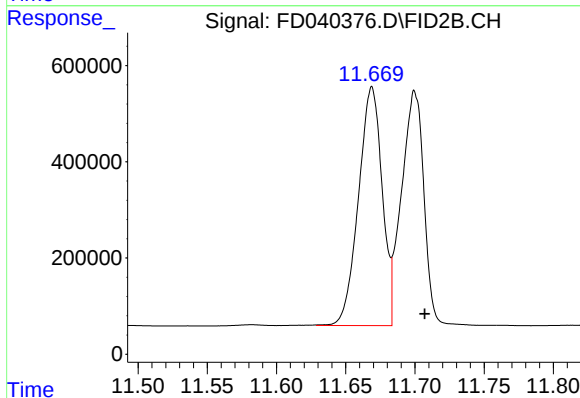
#9 ortho-Terphenyl (SURR)

R.T.: 10.671 min
Delta R.T.: -0.040 min
Response: 4896893
Conc: 31.43 ug/ml

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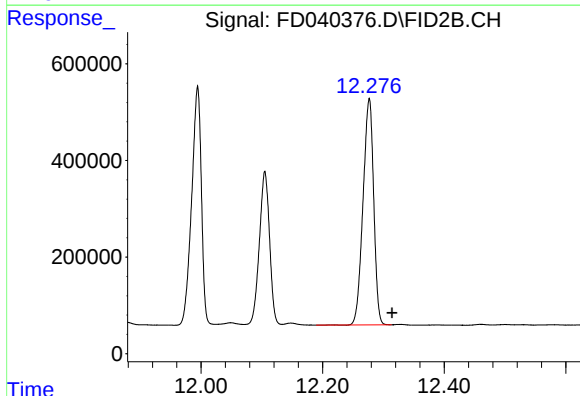
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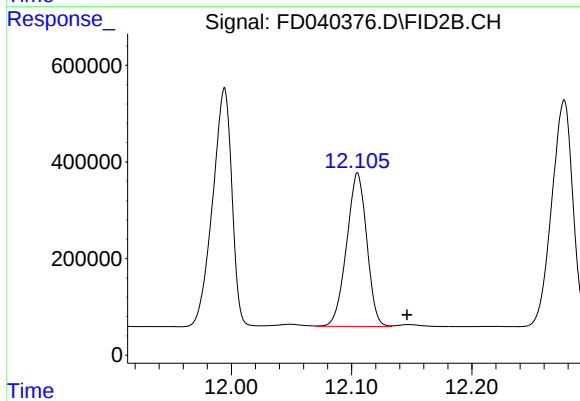
#10 n-Eicosane (C20)

R.T.: 11.669 min
Delta R.T.: -0.038 min
Response: 5922851
Conc: 42.36 ug/ml m



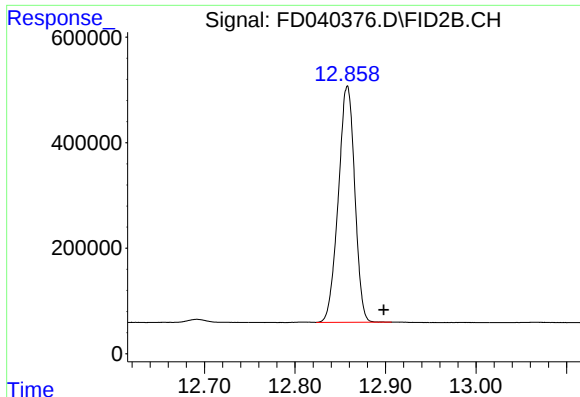
#11 n-Heneicosane (C21)

R.T.: 12.277 min
Delta R.T.: -0.037 min
Response: 5695479
Conc: 40.25 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.105 min
Delta R.T.: -0.041 min
Response: 3701281
Conc: 30.69 ug/ml m



#13 n-Docosane (C22)

R.T.: 12.858 min
Delta R.T.: -0.040 min
Response: 5644755
Conc: 40.22 ug/ml

Instrument :

FID_D

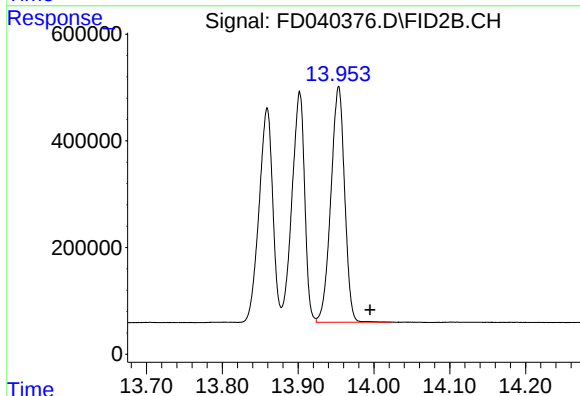
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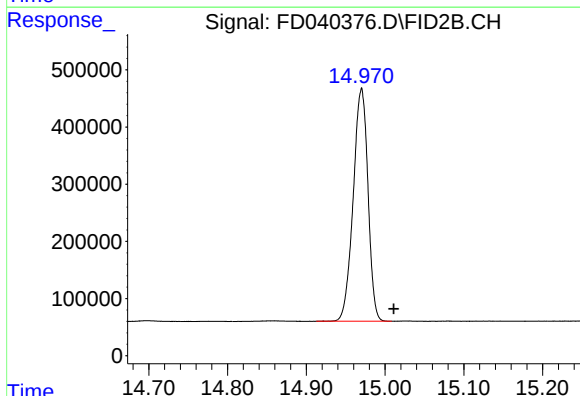
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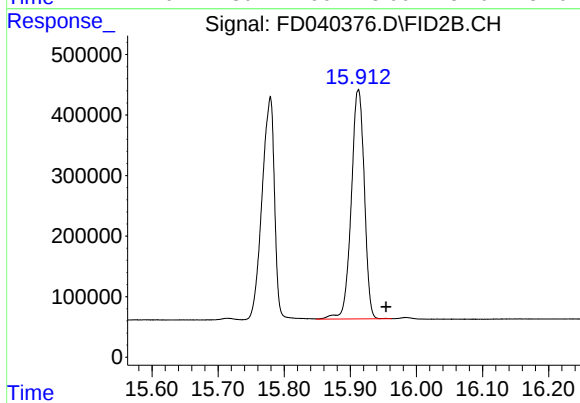
#14 n-Tetracosane (C24)

R.T.: 13.954 min
Delta R.T.: -0.041 min
Response: 5580991
Conc: 39.75 ug/ml



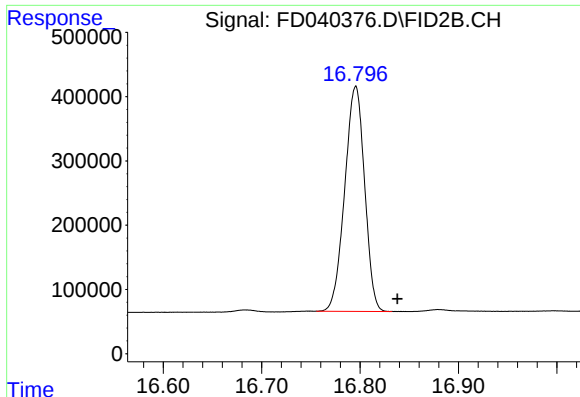
#15 n-Hexacosane (C26)

R.T.: 14.970 min
Delta R.T.: -0.041 min
Response: 5302056
Conc: 38.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.912 min
Delta R.T.: -0.042 min
Response: 5197724
Conc: 38.21 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.796 min
Delta R.T.: -0.042 min
Response: 4910916
Conc: 36.70 ug/ml

Instrument :

FID_D

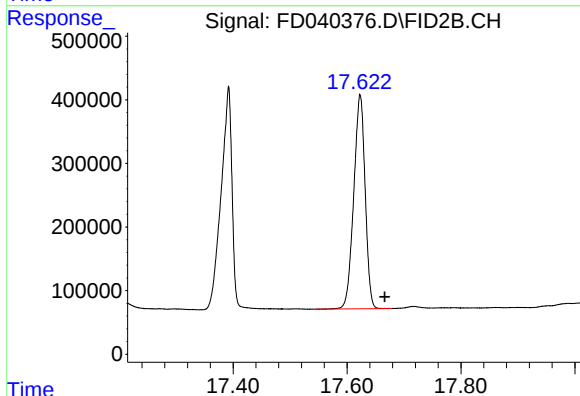
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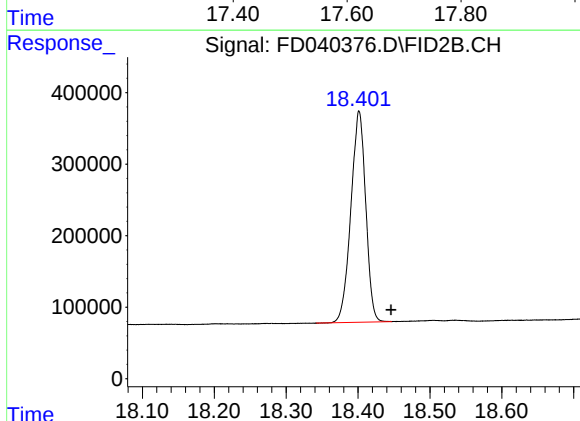
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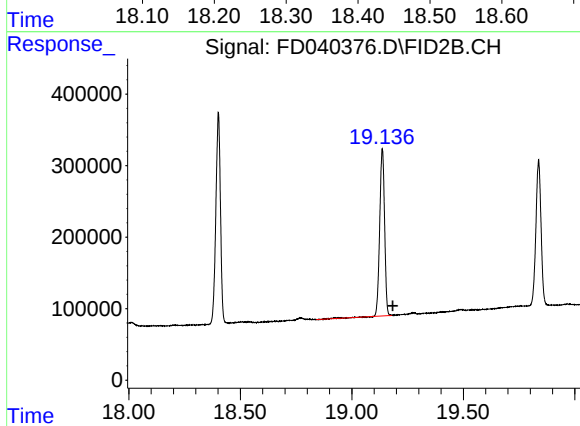
#18 n-Dotriacontane (C32)

R.T.: 17.623 min
Delta R.T.: -0.043 min
Response: 4678698
Conc: 36.14 ug/ml



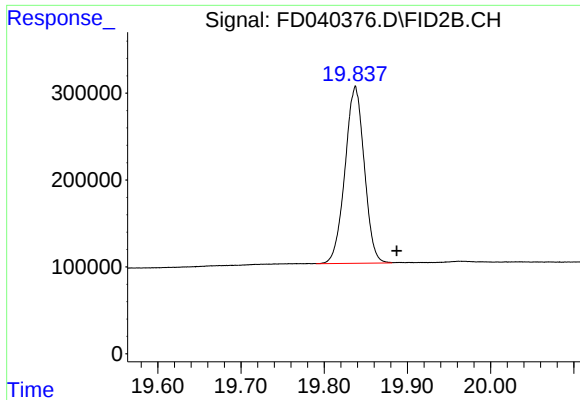
#19 n-Tetratriacontane (C34)

R.T.: 18.402 min
Delta R.T.: -0.044 min
Response: 4227943
Conc: 34.87 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.137 min
Delta R.T.: -0.046 min
Response: 3553133
Conc: 33.34 ug/ml



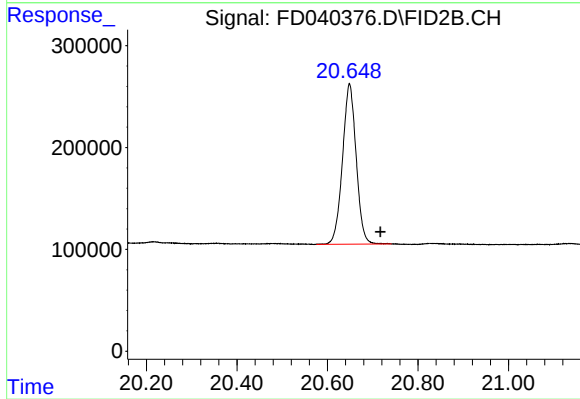
#21 n-Octatriacontane (C38)

R.T.: 19.837 min
Delta R.T.: -0.050 min
Response: 3272514
Conc: 35.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.649 min
Delta R.T.: -0.068 min
Response: 3296571
Conc: 42.34 ug/ml