

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010422AL\
 Data File : FD040410.D
 Signal(s) : FID2B.CH
 Acq On : 05 Jan 2022 5:07
 Operator : AJ\MA
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/05/2022
 Supervised By :Ankita Jodhani 01/05/2022

Integration File: autoint1.e
 Quant Time: Jan 05 06:26:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 06:25:38 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)	10.637	7617028	48.621 ug/ml
Spiked Amount 50.000		Recovery =	97.24%
12) S 1-chlorooctadecane (S...	12.074	5871546	48.768 ug/ml
Spiked Amount 50.000		Recovery =	97.54%
Target Compounds			
1) T n-Nonane (C9)	2.577	6351149	48.591 ug/ml
2) T n-Decane (C10)	3.566	6378526	48.537 ug/ml
3) T A~Naphthalene (C11.7)	5.098	7176195	49.095 ug/ml
4) T n-Dodecane (C12)	5.536	6368218	48.801 ug/ml
5) T A~2-methylnaphthalene...	6.139	7182765	49.438 ug/ml
6) T n-Tetradecane (C14)	7.314	6466015	48.806 ug/ml
7) T n-Hexadecane (C16)	8.903	6515519	48.969 ug/ml
8) T n-Octadecane (C18)	10.335	6759492	48.882 ug/ml
10) T n-Eicosane (C20)	11.636	6744575	48.719 ug/ml
11) T n-Heneicosane (C21)	12.245	6843909	48.464 ug/ml
13) T n-Docosane (C22)	12.828	6817021	48.316 ug/ml
14) T n-Tetracosane (C24)	13.925	6887982	48.228 ug/ml
15) T n-Hexacosane (C26)	14.940	6770078	47.932 ug/ml
16) T n-Octacosane (C28)	15.885	6670970	47.863 ug/ml
17) T n-Tricontane (C30)	16.767	6389224	47.977 ug/ml
18) T n-Dotriacontane (C32)	17.594	5741258	46.652 ug/ml
19) T n-Tetratriacontane (C34)	18.374	5148558	48.376 ug/ml
20) T n-Hexatriacontane (C36)	19.109	4701138	46.980 ug/mlm
21) T n-Octatriacontane (C38)	19.808	4386642	48.008 ug/ml
22) T n-Tetracontane (C40)	20.614	4345436	48.772 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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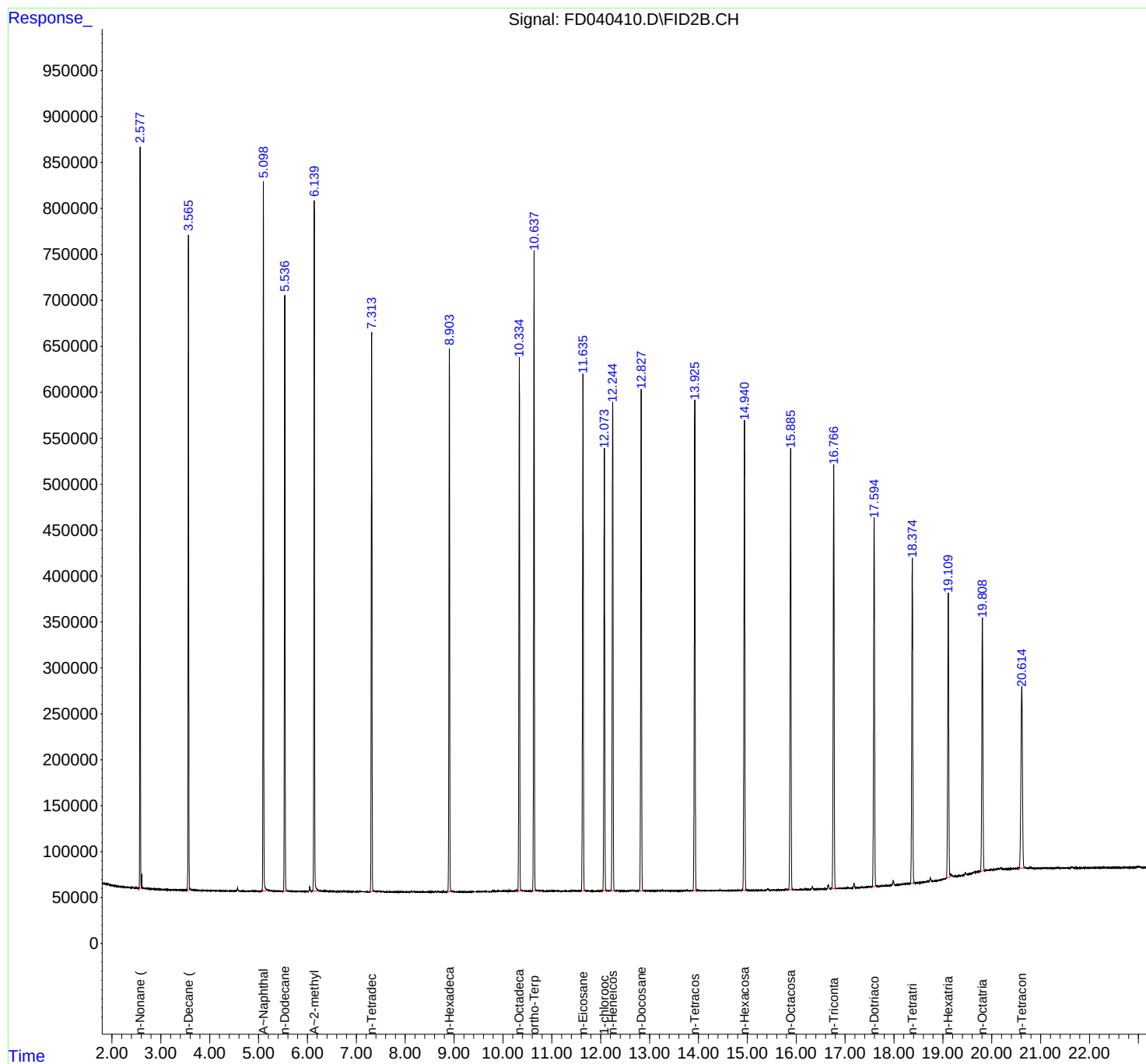
Instrument :
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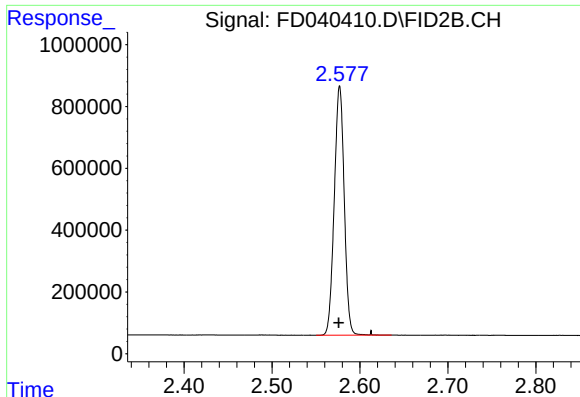
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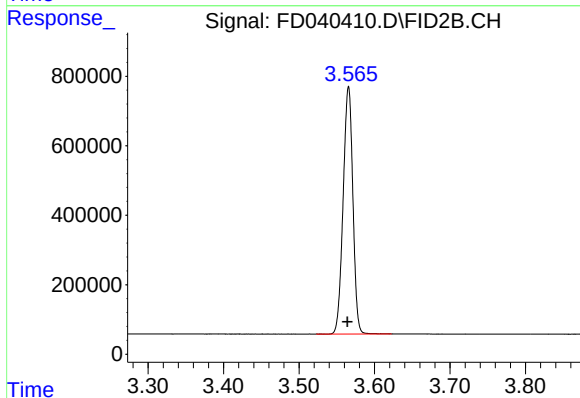
#1 n-Nonane (C9)

R.T.: 2.577 min
Delta R.T.: 0.001 min
Response: 6351149
Conc: 48.59 ug/ml

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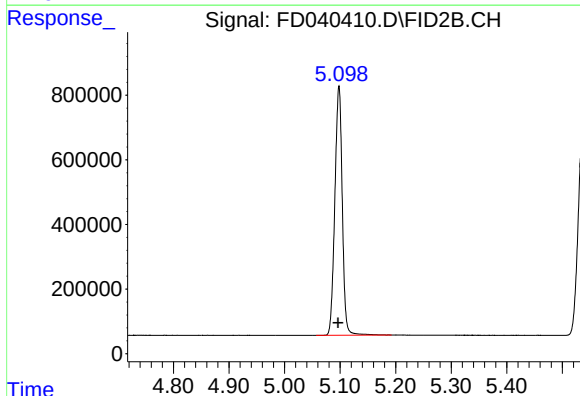
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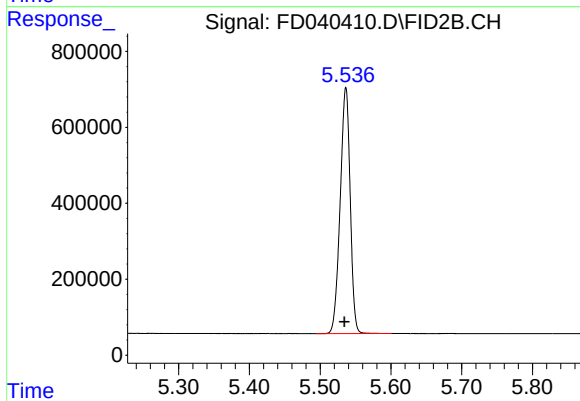
#2 n-Decane (C10)

R.T.: 3.566 min
Delta R.T.: 0.002 min
Response: 6378526
Conc: 48.54 ug/ml



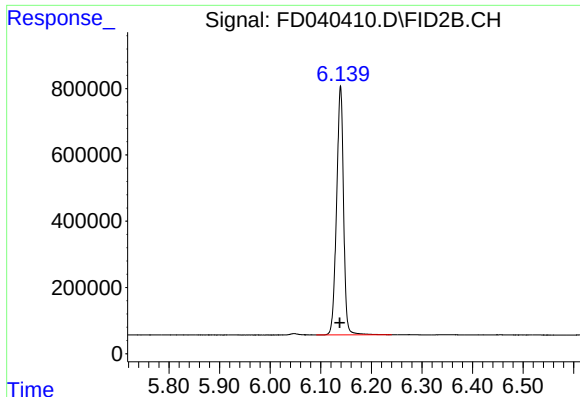
#3 A~Naphthalene (C11.7)

R.T.: 5.098 min
Delta R.T.: 0.002 min
Response: 7176195
Conc: 49.10 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.536 min
Delta R.T.: 0.002 min
Response: 6368218
Conc: 48.80 ug/ml



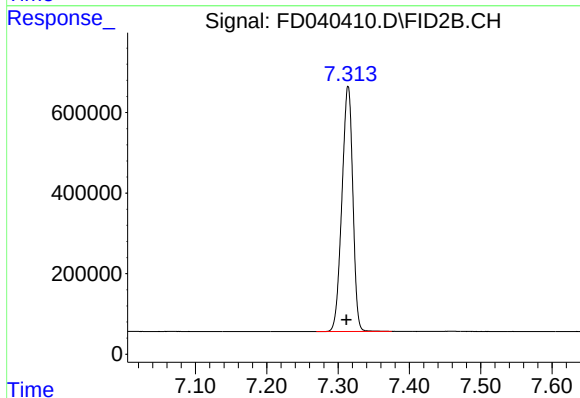
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.139 min
Delta R.T.: 0.002 min
Response: 7182765
Conc: 49.44 ug/ml

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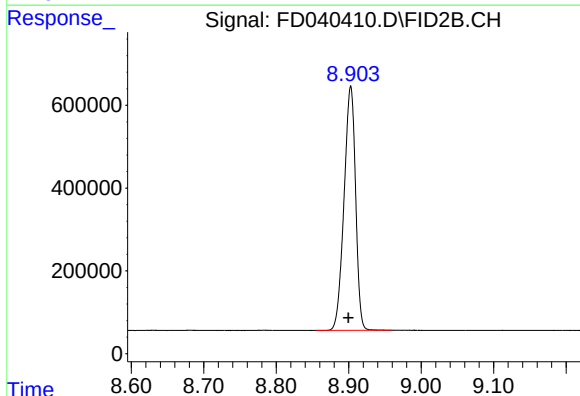
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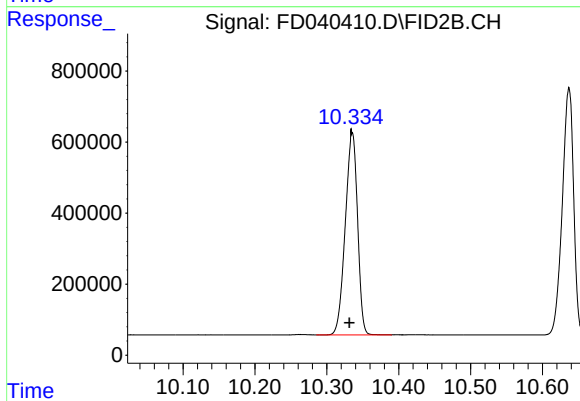
#6 n-Tetradecane (C14)

R.T.: 7.314 min
Delta R.T.: 0.002 min
Response: 6466015
Conc: 48.81 ug/ml



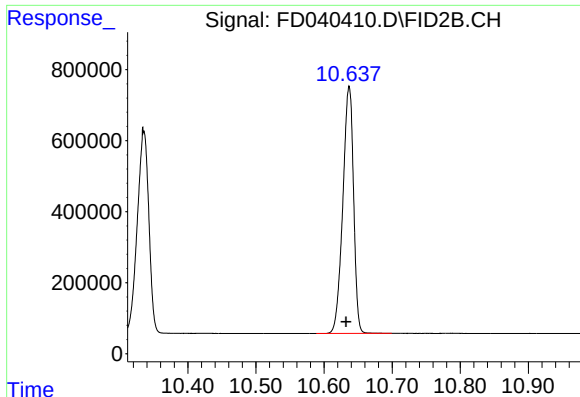
#7 n-Hexadecane (C16)

R.T.: 8.903 min
Delta R.T.: 0.003 min
Response: 6515519
Conc: 48.97 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.335 min
Delta R.T.: 0.004 min
Response: 6759492
Conc: 48.88 ug/ml



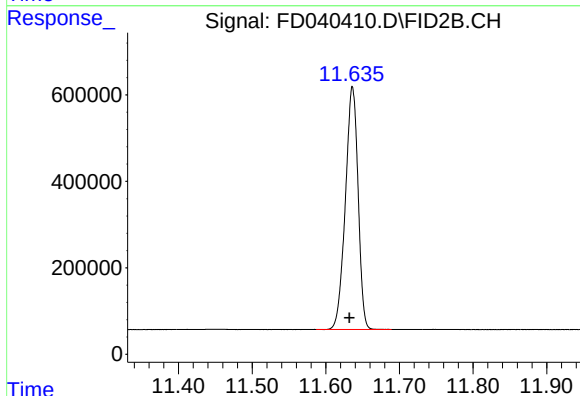
#9 ortho-Terphenyl (SURR)

R.T.: 10.637 min
Delta R.T.: 0.004 min
Response: 7617028
Conc: 48.62 ug/ml

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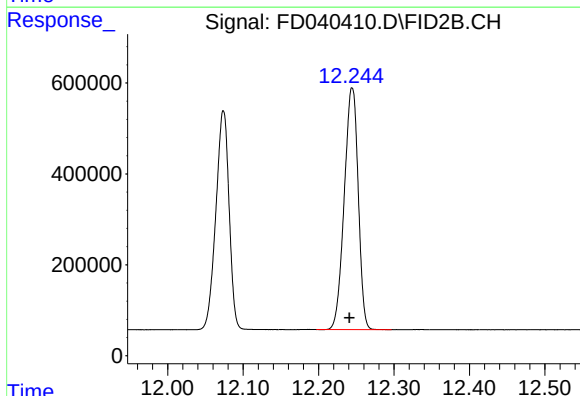
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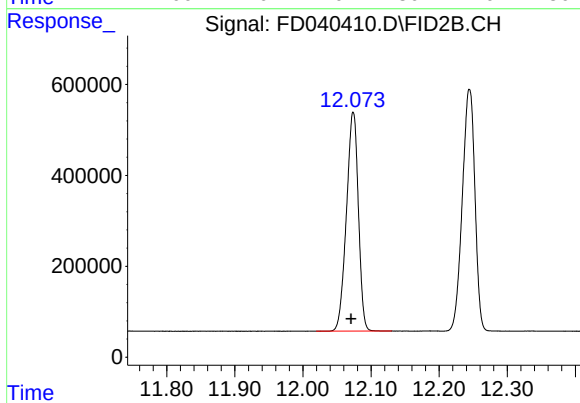
#10 n-Eicosane (C20)

R.T.: 11.636 min
Delta R.T.: 0.004 min
Response: 6744575
Conc: 48.72 ug/ml



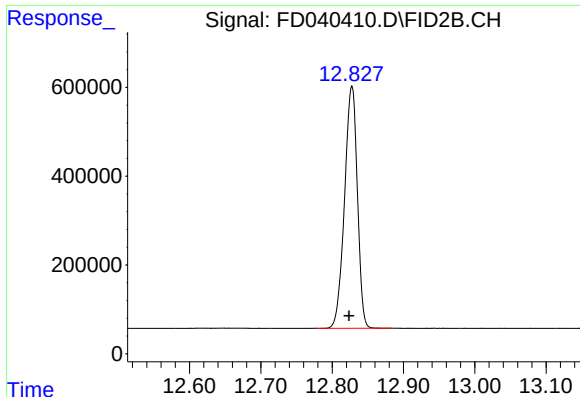
#11 n-Heneicosane (C21)

R.T.: 12.245 min
Delta R.T.: 0.004 min
Response: 6843909
Conc: 48.46 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.074 min
Delta R.T.: 0.003 min
Response: 5871546
Conc: 48.77 ug/ml



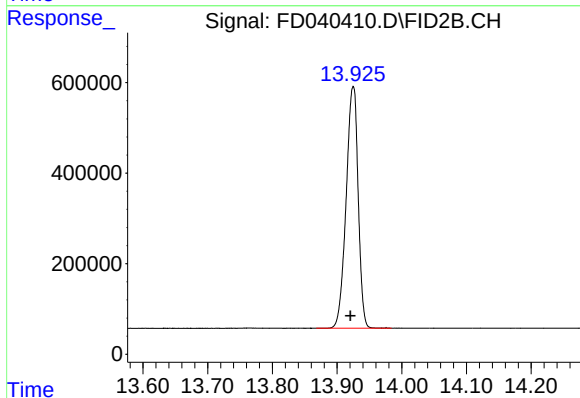
#13 n-Docosane (C22)

R.T.: 12.828 min
Delta R.T.: 0.004 min
Response: 6817021
Conc: 48.32 ug/ml

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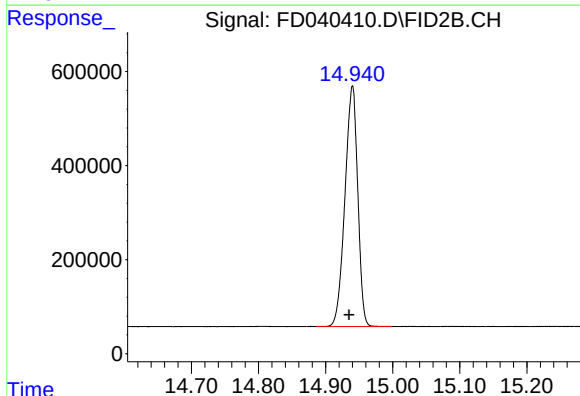
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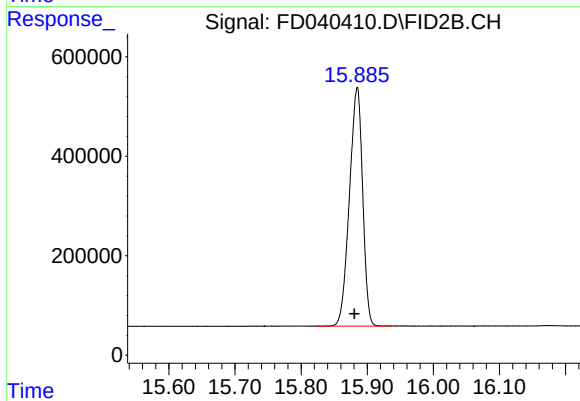
#14 n-Tetracosane (C24)

R.T.: 13.925 min
Delta R.T.: 0.004 min
Response: 6887982
Conc: 48.23 ug/ml



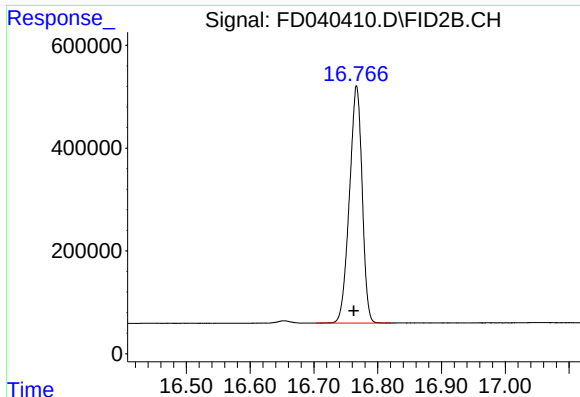
#15 n-Hexacosane (C26)

R.T.: 14.940 min
Delta R.T.: 0.005 min
Response: 6770078
Conc: 47.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.885 min
Delta R.T.: 0.004 min
Response: 6670970
Conc: 47.86 ug/ml



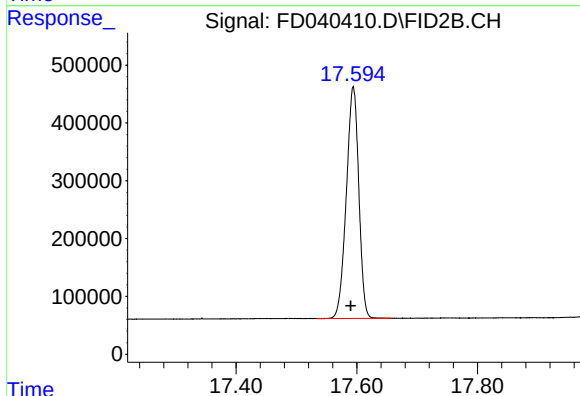
#17 n-Tricontane (C30)

R.T.: 16.767 min
Delta R.T.: 0.004 min
Response: 6389224
Conc: 47.98 ug/ml

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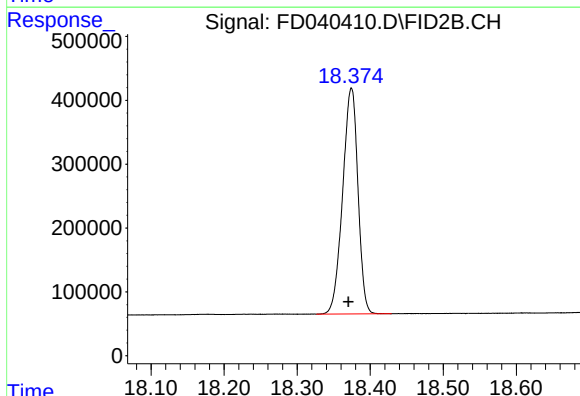
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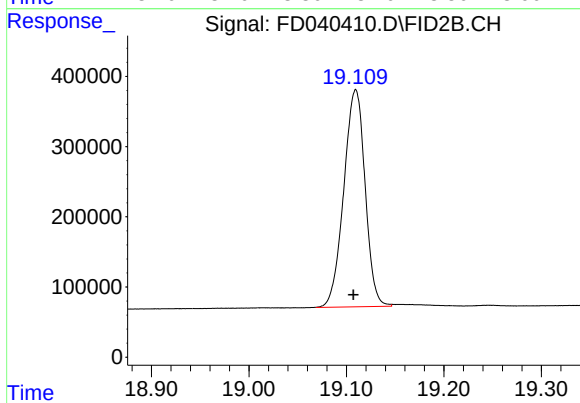
#18 n-Dotriacontane (C32)

R.T.: 17.594 min
Delta R.T.: 0.004 min
Response: 5741258
Conc: 46.65 ug/ml



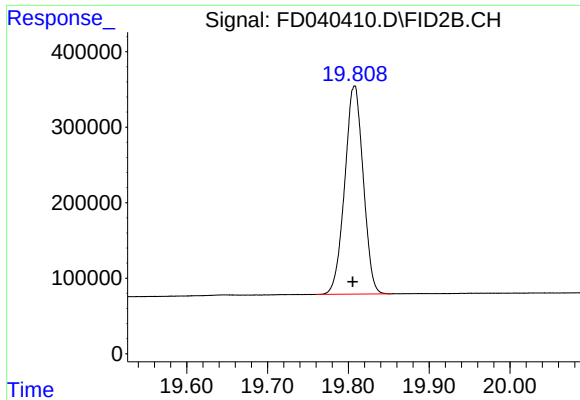
#19 n-Tetratriacontane (C34)

R.T.: 18.374 min
Delta R.T.: 0.004 min
Response: 5148558
Conc: 48.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.109 min
Delta R.T.: 0.002 min
Response: 4701138
Conc: 46.98 ug/ml m



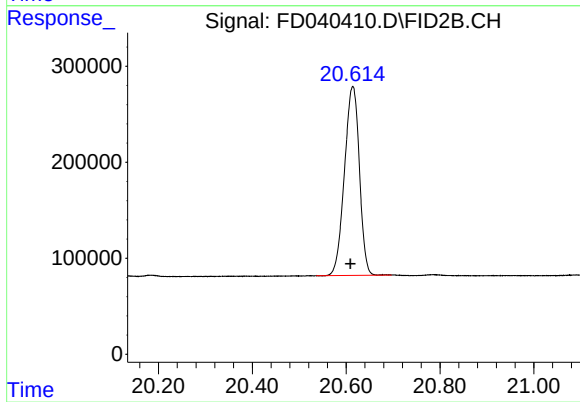
#21 n-Octatriacontane (C38)

R.T.: 19.808 min
Delta R.T.: 0.002 min
Response: 4386642
Conc: 48.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.614 min
Delta R.T.: 0.005 min
Response: 4345436
Conc: 48.77 ug/ml