

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011122AL\
 Data File : FD040560.D
 Signal(s) : FID2B.CH
 Acq On : 12 Jan 2022 1:04
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/12/2022
 Supervised By :Ankita Jodhani 01/13/2022

Integration File: sample.E
 Quant Time: Jan 12 01:20:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 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)	10.620	3130913	20.306 ug/ml
Spiked Amount 50.000		Recovery =	40.61%
12) S 1-chlorooctadecane (S...	12.059	2371434	20.147 ug/ml
Spiked Amount 50.000		Recovery =	40.29%
Target Compounds			
1) T n-Nonane (C9)	2.572	2669618	20.794 ug/ml
2) T n-Decane (C10)	3.557	2726302	21.172 ug/ml
3) T A~Naphthalene (C11.7)	5.087	3034907	21.362 ug/ml
4) T n-Dodecane (C12)	5.525	2760725	21.599 ug/ml
5) T A~2-methylnaphthalene...	6.127	3053726	21.646 ug/ml
6) T n-Tetradecane (C14)	7.302	2835098	21.886 ug/ml
7) T n-Hexadecane (C16)	8.890	2846658	21.850 ug/ml
8) T n-Octadecane (C18)	10.320	2890783	21.334 ug/ml
10) T n-Eicosane (C20)	11.621	2843238	20.903 ug/ml
11) T n-Heneicosane (C21)	12.229	2792774	20.168 ug/ml
13) T n-Docosane (C22)	12.811	2872782	20.834 ug/ml
14) T n-Tetracosane (C24)	13.908	3031887	21.683 ug/ml
15) T n-Hexacosane (C26)	14.923	3019262	21.903 ug/ml
16) T n-Octacosane (C28)	15.867	3043251	22.429 ug/ml
17) T n-Tricontane (C30)	16.749	2994724	22.977 ug/ml
18) T n-Dotriacontane (C32)	17.579	2752663	23.026 ug/ml
19) T n-Tetratriacontane (C34)	18.357	2400679	22.800 ug/ml
20) T n-Hexatriacontane (C36)	19.094	2095909	20.684 ug/ml
21) T n-Octatriacontane (C38)	19.792	1960484	21.943 ug/mlm
22) T n-Tetracontane (C40)	20.591	1950336	22.816 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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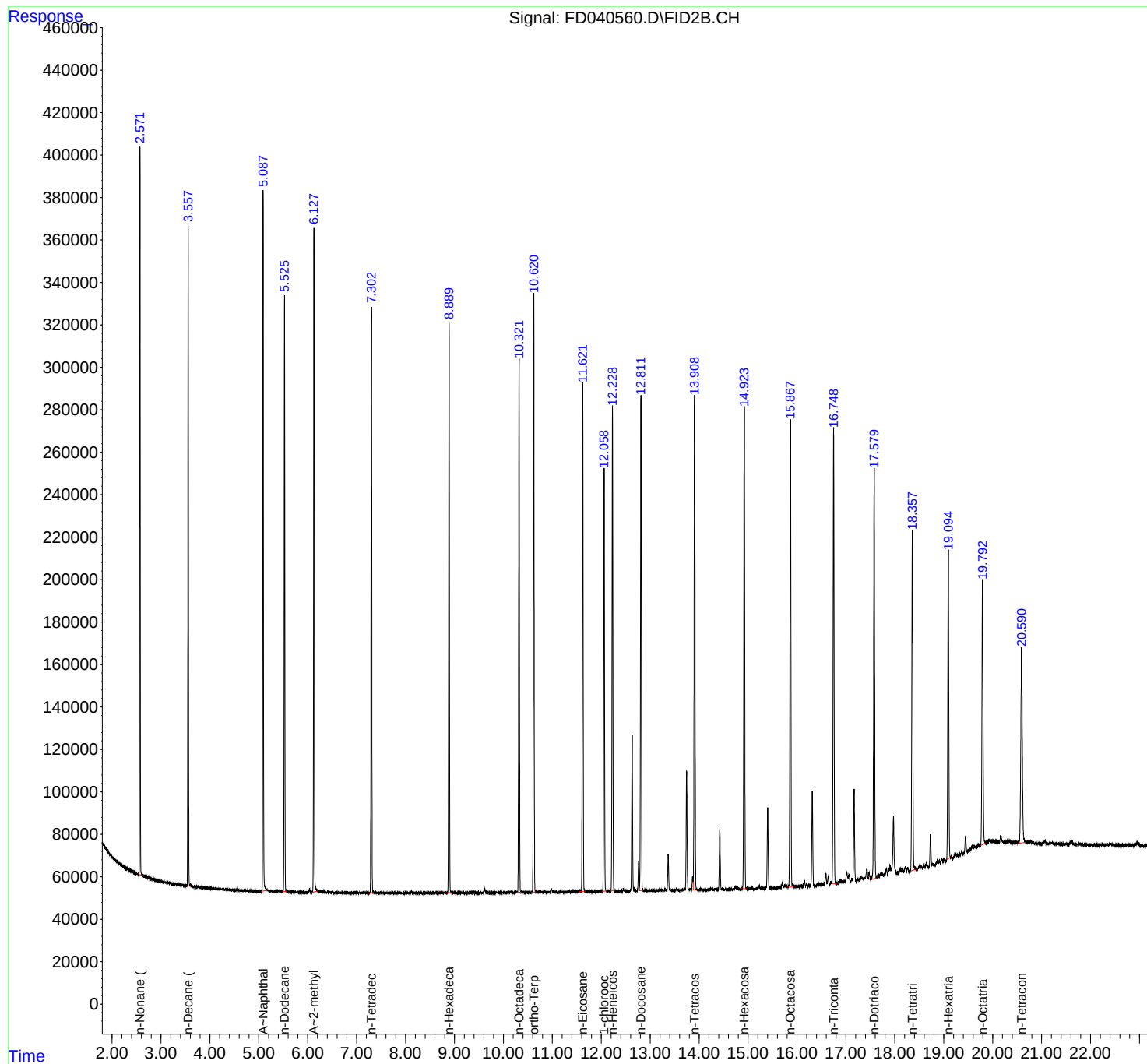
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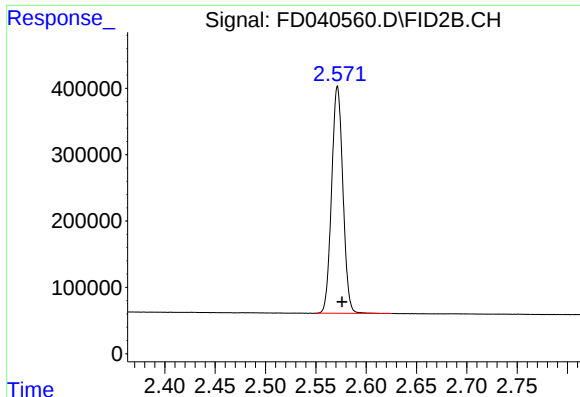
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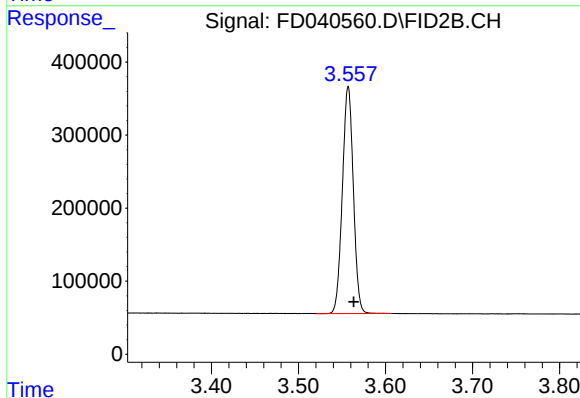
#1 n-Nonane (C9)

R.T.: 2.572 min
Delta R.T.: -0.004 min
Response: 2669618
Conc: 20.79 ug/ml

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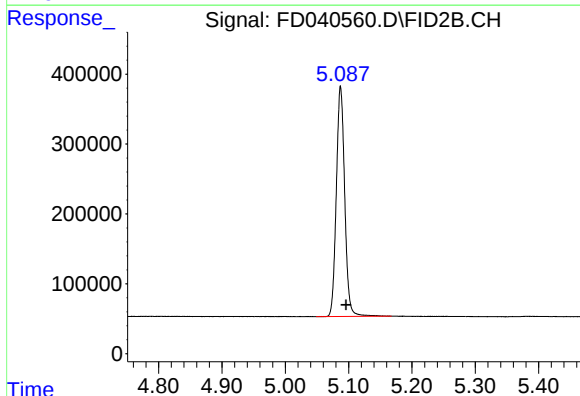
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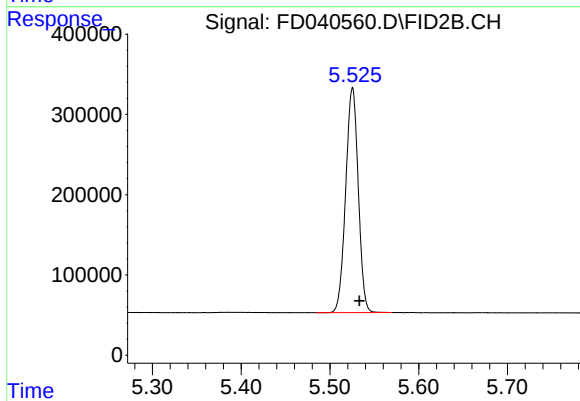
#2 n-Decane (C10)

R.T.: 3.557 min
Delta R.T.: -0.006 min
Response: 2726302
Conc: 21.17 ug/ml



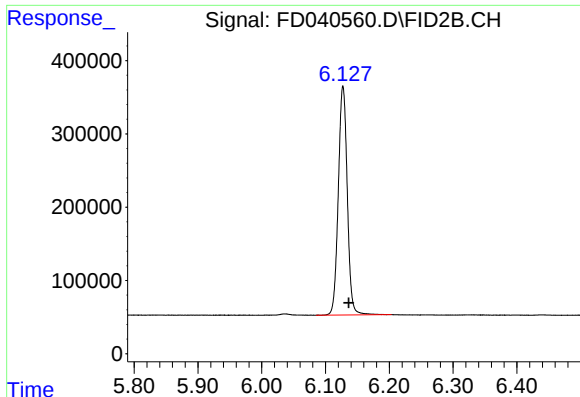
#3 A~Naphthalene (C11.7)

R.T.: 5.087 min
Delta R.T.: -0.009 min
Response: 3034907
Conc: 21.36 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.525 min
Delta R.T.: -0.008 min
Response: 2760725
Conc: 21.60 ug/ml



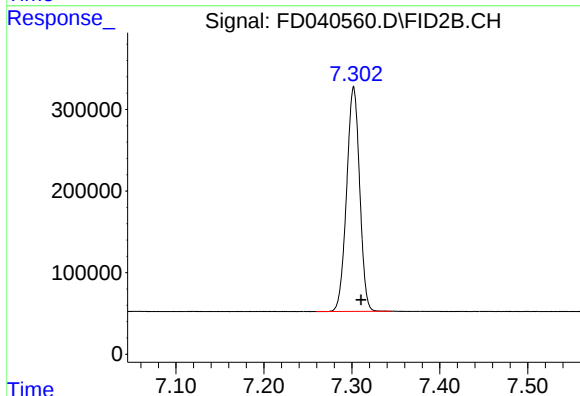
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.127 min
Delta R.T.: -0.009 min
Response: 3053726
Conc: 21.65 ug/ml

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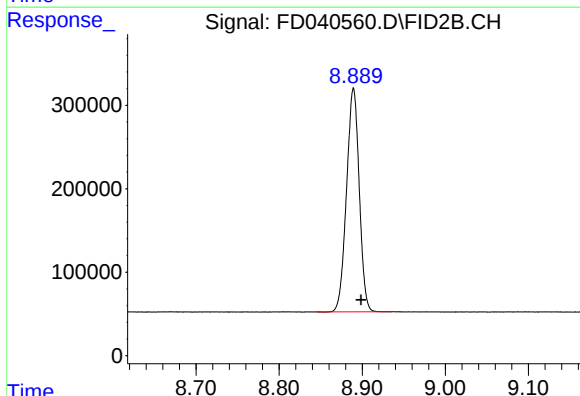
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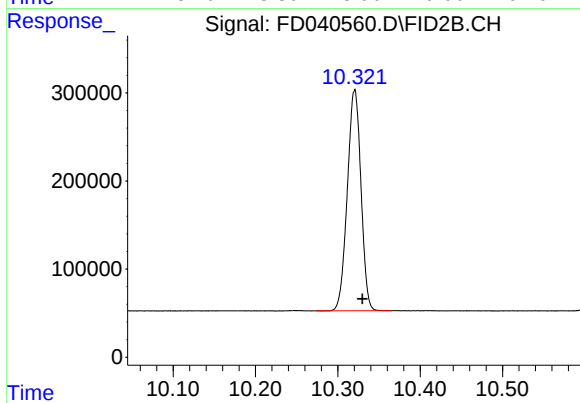
#6 n-Tetradecane (C14)

R.T.: 7.302 min
Delta R.T.: -0.009 min
Response: 2835098
Conc: 21.89 ug/ml



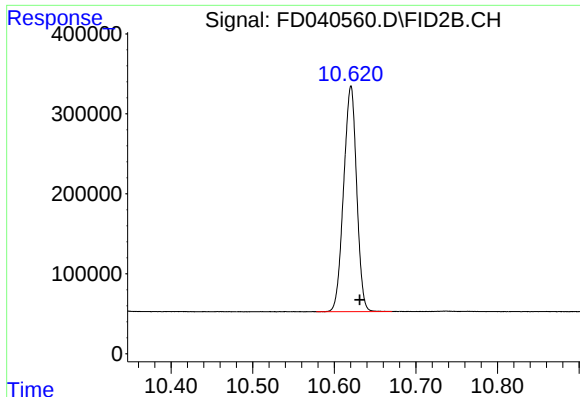
#7 n-Hexadecane (C16)

R.T.: 8.890 min
Delta R.T.: -0.009 min
Response: 2846658
Conc: 21.85 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.320 min
Delta R.T.: -0.009 min
Response: 2890783
Conc: 21.33 ug/ml



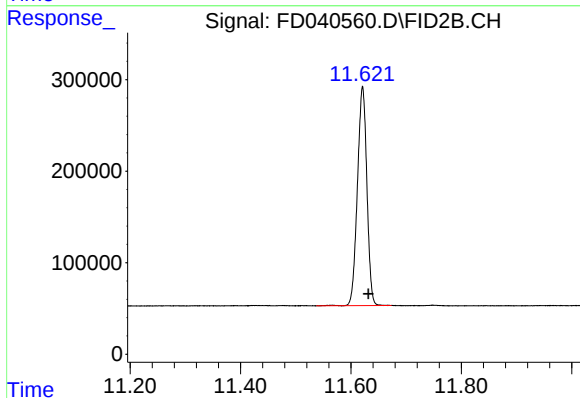
#9 ortho-Terphenyl (SURR)

R.T.: 10.620 min
Delta R.T.: -0.011 min
Response: 3130913
Conc: 20.31 ug/ml

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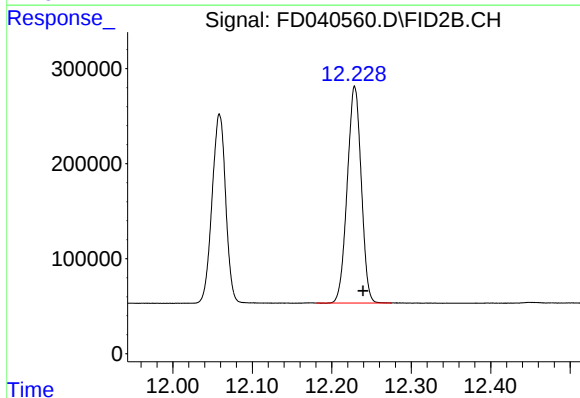
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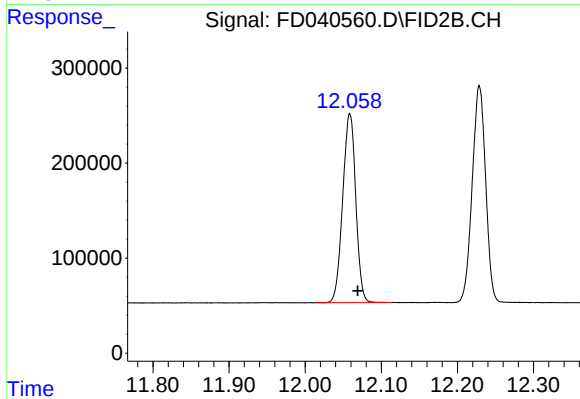
#10 n-Eicosane (C20)

R.T.: 11.621 min
Delta R.T.: -0.010 min
Response: 2843238
Conc: 20.90 ug/ml



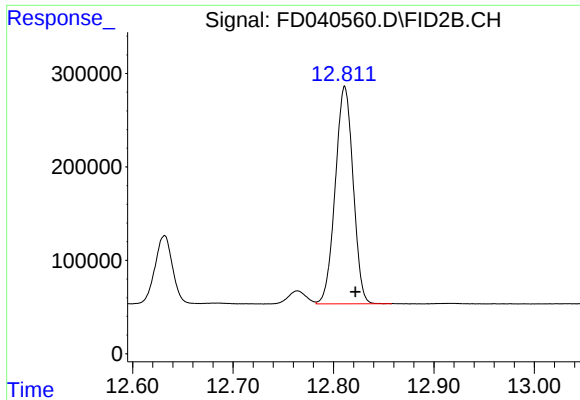
#11 n-Heneicosane (C21)

R.T.: 12.229 min
Delta R.T.: -0.011 min
Response: 2792774
Conc: 20.17 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.059 min
Delta R.T.: -0.011 min
Response: 2371434
Conc: 20.15 ug/ml



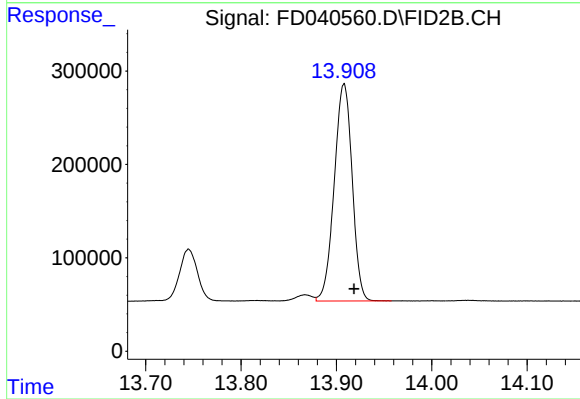
#13 n-Docosane (C22)

R.T.: 12.811 min
Delta R.T.: -0.011 min
Response: 2872782
Conc: 20.83 ug/ml

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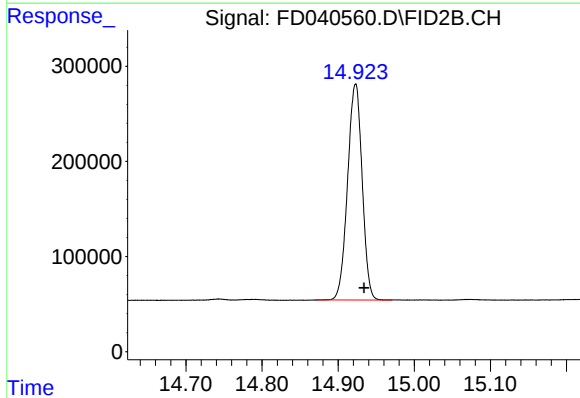
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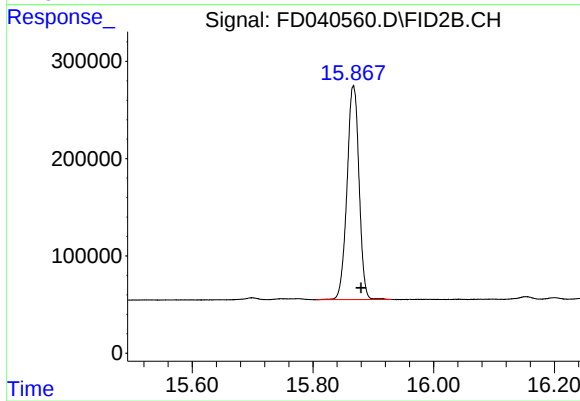
#14 n-Tetracosane (C24)

R.T.: 13.908 min
Delta R.T.: -0.011 min
Response: 3031887
Conc: 21.68 ug/ml



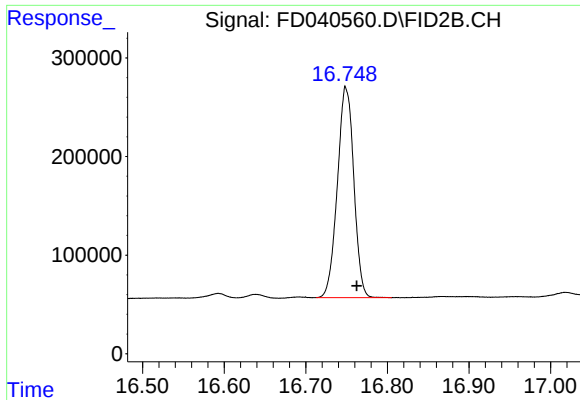
#15 n-Hexacosane (C26)

R.T.: 14.923 min
Delta R.T.: -0.011 min
Response: 3019262
Conc: 21.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.867 min
Delta R.T.: -0.013 min
Response: 3043251
Conc: 22.43 ug/ml



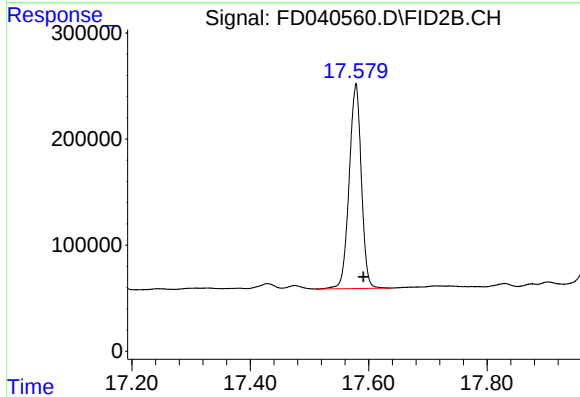
#17 n-Tricontane (C30)

R.T.: 16.749 min
Delta R.T.: -0.013 min
Response: 2994724
Conc: 22.98 ug/ml

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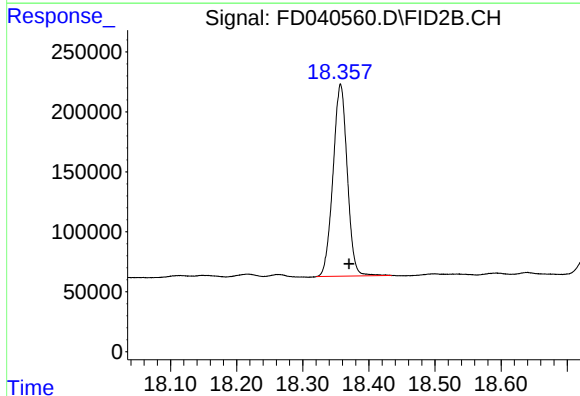
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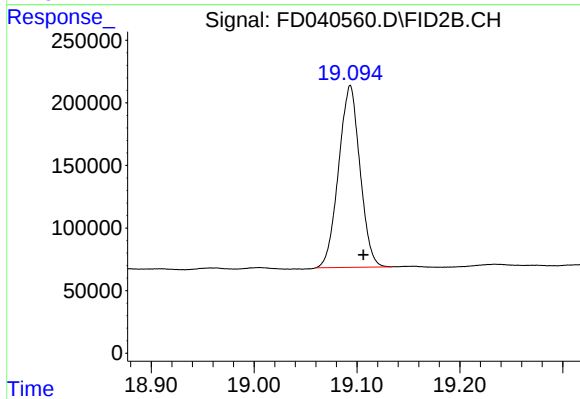
#18 n-Dotriacontane (C32)

R.T.: 17.579 min
Delta R.T.: -0.012 min
Response: 2752663
Conc: 23.03 ug/ml



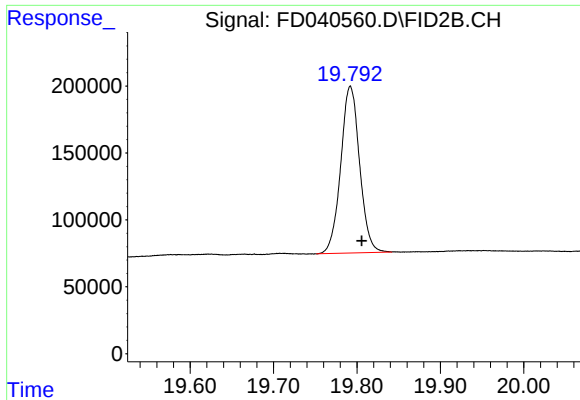
#19 n-Tetratriacontane (C34)

R.T.: 18.357 min
Delta R.T.: -0.013 min
Response: 2400679
Conc: 22.80 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.094 min
Delta R.T.: -0.013 min
Response: 2095909
Conc: 20.68 ug/ml



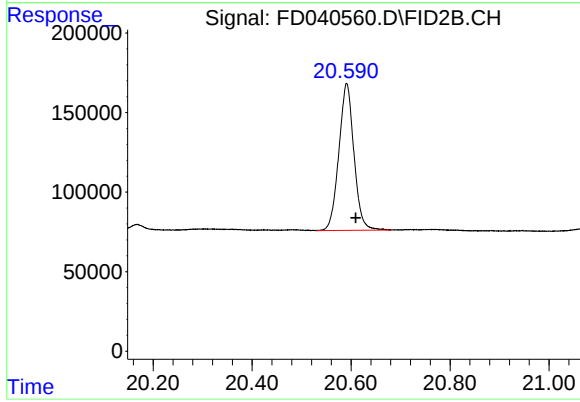
#21 n-Octatriacontane (C38)

R.T.: 19.792 min
Delta R.T.: -0.014 min
Response: 1960484
Conc: 21.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.591 min
Delta R.T.: -0.018 min
Response: 1950336
Conc: 22.82 ug/ml