

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122921AL\
 Data File : FD040285.D
 Signal(s) : FID2B.CH
 Acq On : 30 Dec 2021 6:11
 Operator : AJ\MA
 Sample : M5247-05MSD
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 3MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/30/2021
 Supervised By :Ankita Jodhani 12/30/2021

Integration File: autoint1.e
 Quant Time: Dec 30 08:14:13 2021
 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)	10.709	6256330	40.160 ug/ml
Spiked Amount 50.000		Recovery =	80.32%
12) S 1-chlorooctadecane (S...	12.142	4576815	37.951 ug/ml
Spiked Amount 50.000		Recovery =	75.90%
Target Compounds			
1) T n-Nonane (C9)	2.660	6896115	52.550 ug/ml
2) T n-Decane (C10)	3.642	7280989	55.006 ug/ml
3) T A~Naphthalene (C11.7)	5.175	8109700	54.961 ug/ml
4) T n-Dodecane (C12)	5.606	7338793	55.259 ug/ml
5) T A~2-methylnaphthalene...	6.214	7718585	52.016 ug/ml
6) T n-Tetradecane (C14)	7.383	7333163	53.042 ug/ml
7) T n-Hexadecane (C16)	8.970	7369787	53.748 ug/ml
8) T n-Octadecane (C18)	10.403	7288319	51.611 ug/ml
10) T n-Eicosane (C20)	11.704	7024745	50.246 ug/mlm
11) T n-Heneicosane (C21)	12.313	6870335	48.558 ug/ml
13) T n-Docosane (C22)	12.896	6754971	48.133 ug/ml
14) T n-Tetracosane (C24)	13.992	6545002	46.615 ug/ml
15) T n-Hexacosane (C26)	15.011	6329334	46.029 ug/ml
16) T n-Octacosane (C28)	15.952	6183531	45.455 ug/mlm
17) T n-Tricontane (C30)	16.836	6040641	45.137 ug/mlm
18) T n-Dotriacontane (C32)	17.663	5868172	45.334 ug/mlm
19) T n-Tetratriacontane (C34)	18.443	5500271	45.365 ug/ml
20) T n-Hexatriacontane (C36)	19.178	4685899	43.970 ug/ml
21) T n-Octatriacontane (C38)	19.884	4379379	47.423 ug/mlm
22) T n-Tetracontane (C40)	20.709	4433345	56.936 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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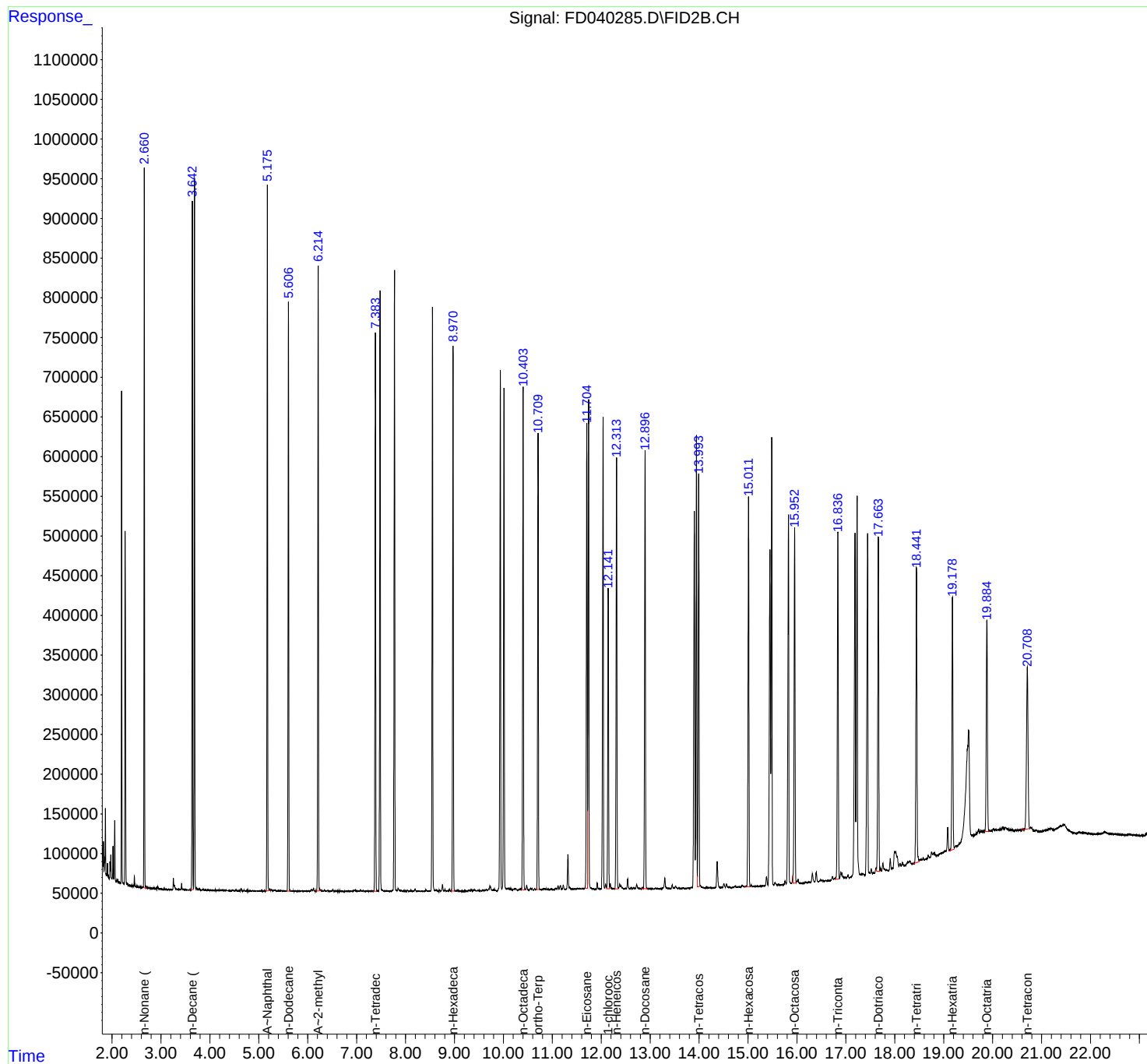
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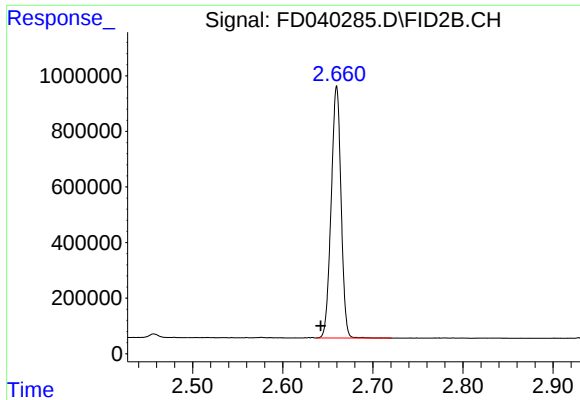
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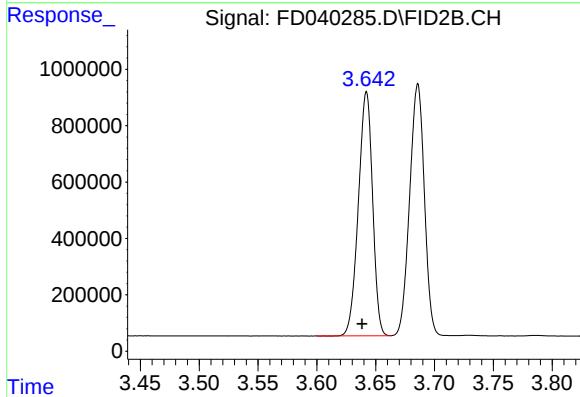
#1 n-Nonane (C9)

R.T.: 2.660 min
Delta R.T.: 0.018 min
Response: 6896115
Conc: 52.55 ug/ml

Instrument :
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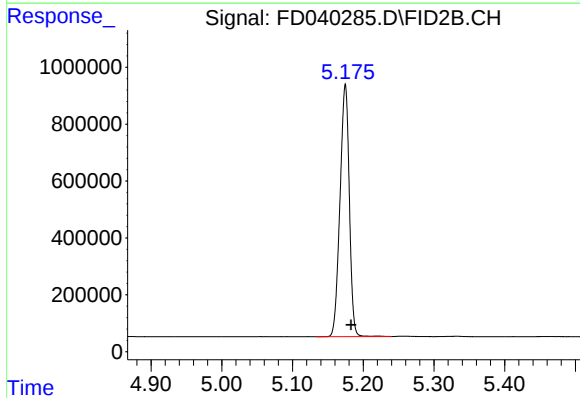
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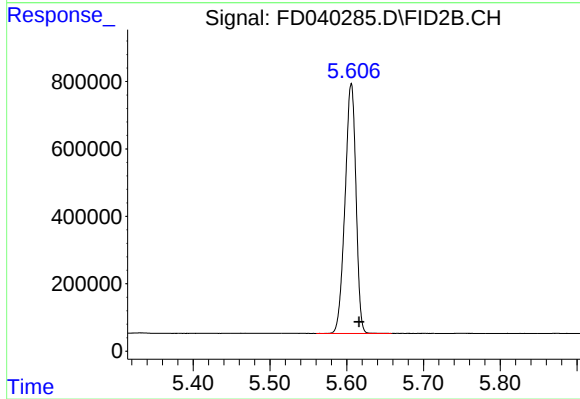
#2 n-Decane (C10)

R.T.: 3.642 min
Delta R.T.: 0.004 min
Response: 7280989
Conc: 55.01 ug/ml



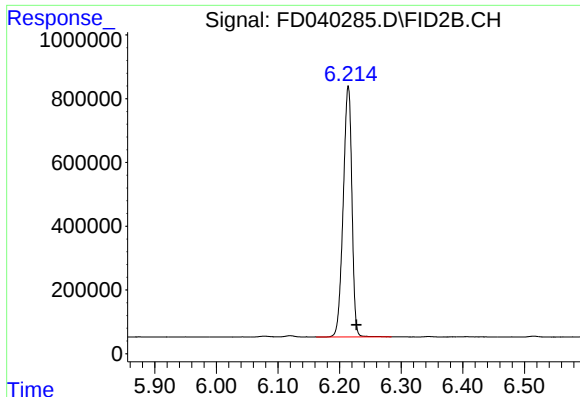
#3 A~Naphthalene (C11.7)

R.T.: 5.175 min
Delta R.T.: -0.008 min
Response: 8109700
Conc: 54.96 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.606 min
Delta R.T.: -0.010 min
Response: 7338793
Conc: 55.26 ug/ml



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

R.T.: 6.214 min
Delta R.T.: -0.013 min
Response: 7718585
Conc: 52.02 ug/ml

Instrument :

FID_D

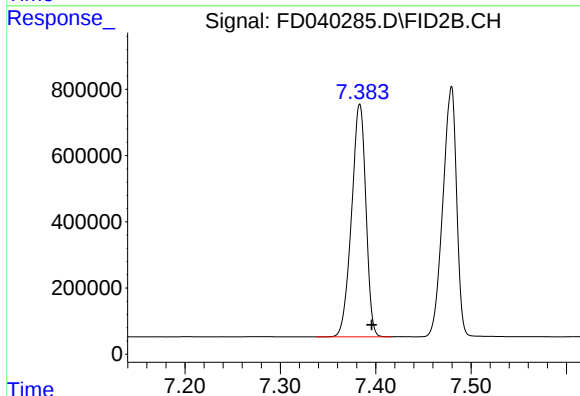
ClientSampleId :

3MSD

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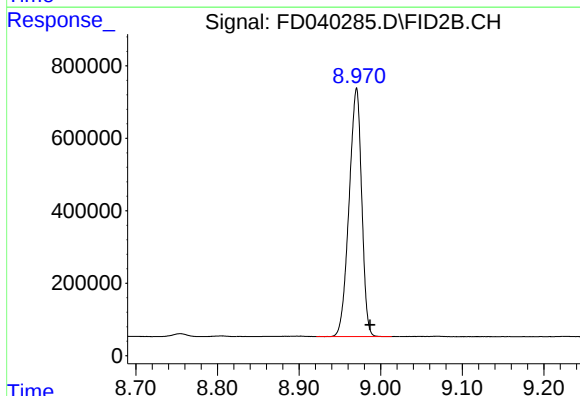
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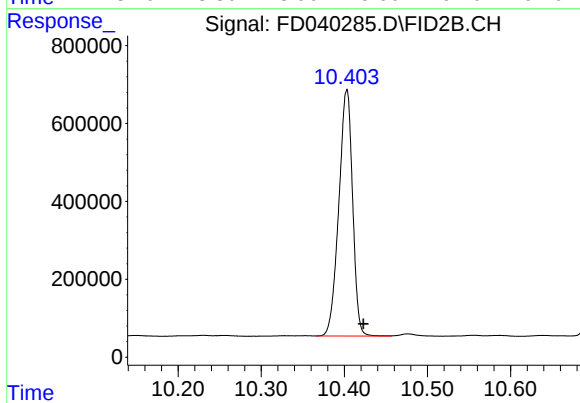
#6 n-Tetradecane (C14)

R.T.: 7.383 min
Delta R.T.: -0.013 min
Response: 7333163
Conc: 53.04 ug/ml



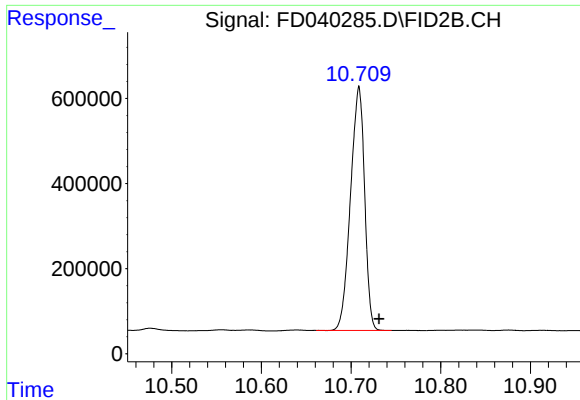
#7 n-Hexadecane (C16)

R.T.: 8.970 min
Delta R.T.: -0.016 min
Response: 7369787
Conc: 53.75 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.403 min
Delta R.T.: -0.020 min
Response: 7288319
Conc: 51.61 ug/ml



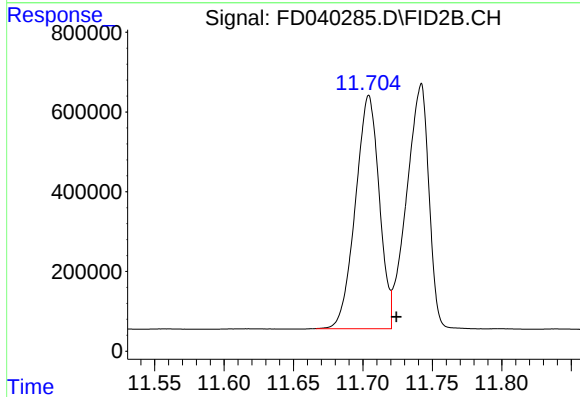
#9 ortho-Terphenyl (SURR)

R.T.: 10.709 min
Delta R.T.: -0.023 min
Response: 6256330
Conc: 40.16 ug/ml

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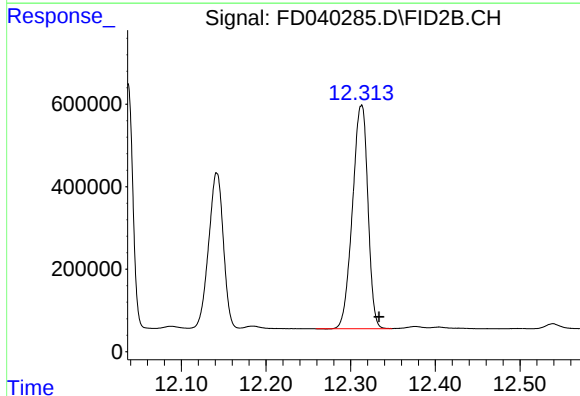
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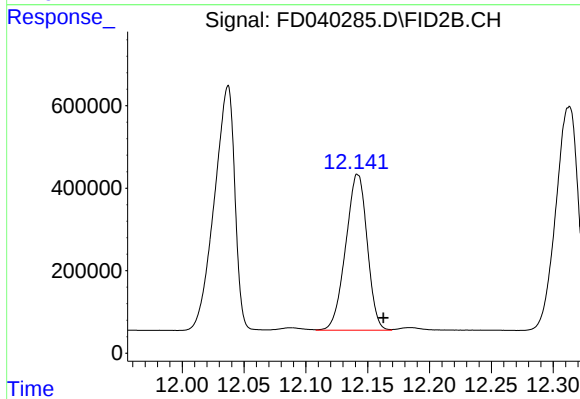
#10 n-Eicosane (C20)

R.T.: 11.704 min
Delta R.T.: -0.020 min
Response: 7024745
Conc: 50.25 ug/ml m



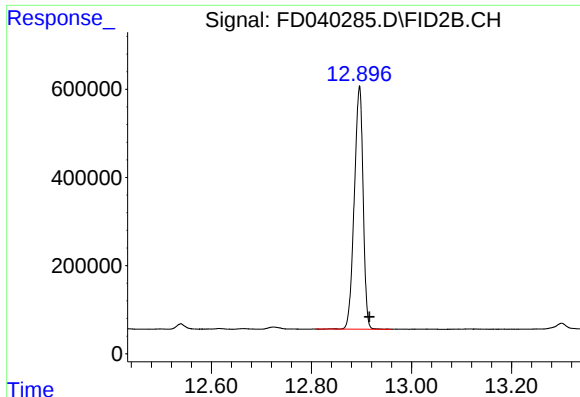
#11 n-Heneicosane (C21)

R.T.: 12.313 min
Delta R.T.: -0.021 min
Response: 6870335
Conc: 48.56 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.142 min
Delta R.T.: -0.021 min
Response: 4576815
Conc: 37.95 ug/ml



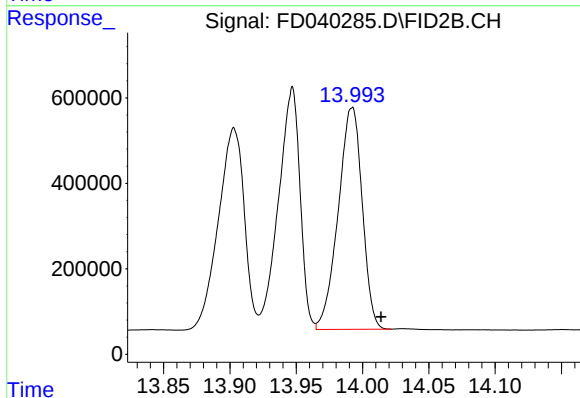
#13 n-Docosane (C22)

R.T.: 12.896 min
Delta R.T.: -0.020 min
Response: 6754971
Conc: 48.13 ug/ml

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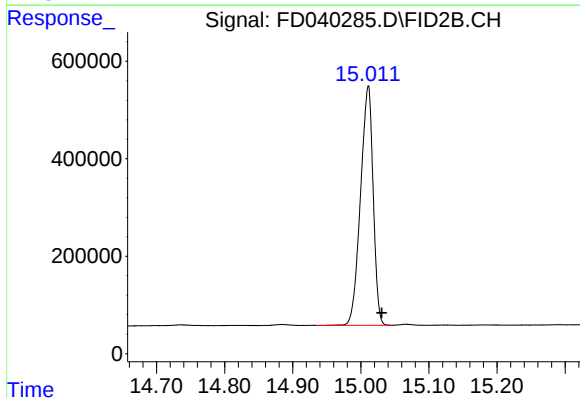
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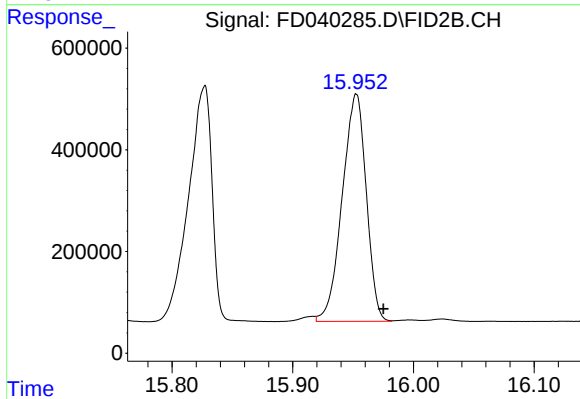
#14 n-Tetracosane (C24)

R.T.: 13.992 min
Delta R.T.: -0.022 min
Response: 6545002
Conc: 46.61 ug/ml



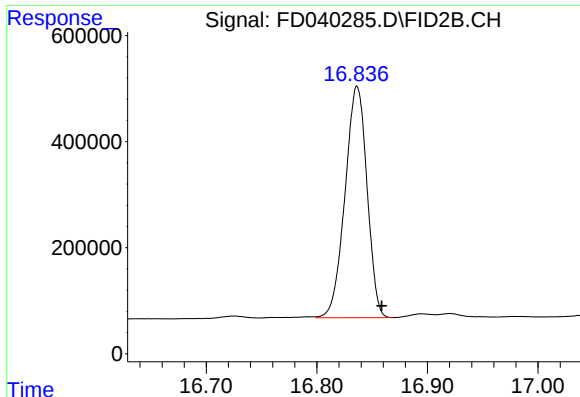
#15 n-Hexacosane (C26)

R.T.: 15.011 min
Delta R.T.: -0.020 min
Response: 6329334
Conc: 46.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.952 min
Delta R.T.: -0.023 min
Response: 6183531
Conc: 45.46 ug/ml m



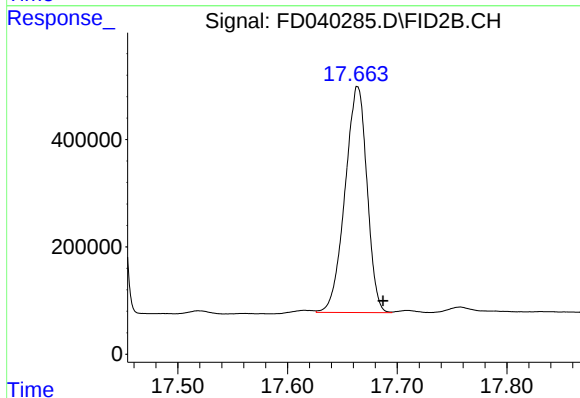
#17 n-Tricontane (C30)

R.T.: 16.836 min
Delta R.T.: -0.023 min
Response: 6040641
Conc: 45.14 ug/ml

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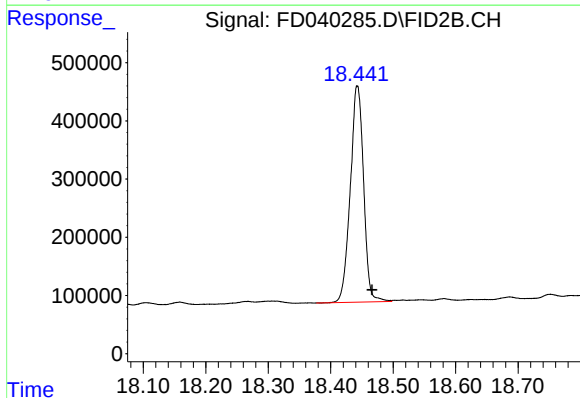
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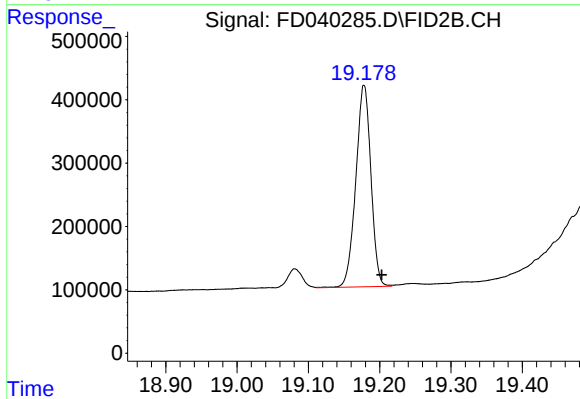
#18 n-Dotriacontane (C32)

R.T.: 17.663 min
Delta R.T.: -0.025 min
Response: 5868172
Conc: 45.33 ug/ml m



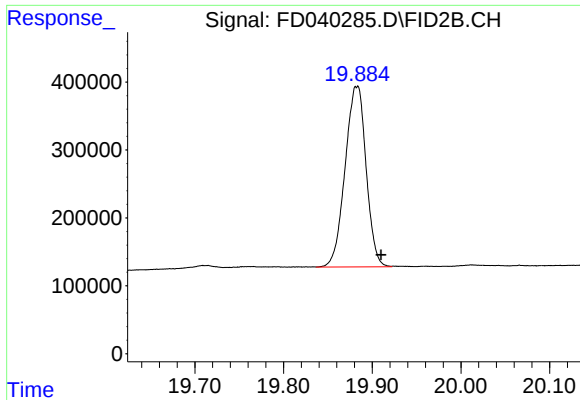
#19 n-Tetratriacontane (C34)

R.T.: 18.443 min
Delta R.T.: -0.024 min
Response: 5500271
Conc: 45.37 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.178 min
Delta R.T.: -0.025 min
Response: 4685899
Conc: 43.97 ug/ml



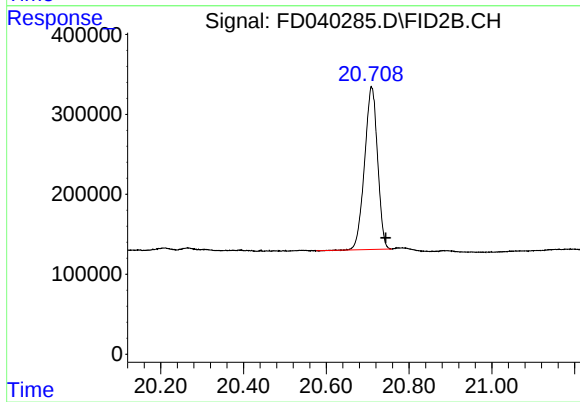
#21 n-Octatriacontane (C38)

R.T.: 19.884 min
Delta R.T.: -0.026 min
Response: 4379379
Conc: 47.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.709 min
Delta R.T.: -0.035 min
Response: 4433345
Conc: 56.94 ug/ml