

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122921AL\
 Data File : FD040284.D
 Signal(s) : FID2B.CH
 Acq On : 30 Dec 2021 5:37
 Operator : AJ\MA
 Sample : M5247-05MS
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 3MS

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 08:12:30 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	6259603	40.181 ug/ml
Spiked Amount 50.000		Recovery =	80.36%
12) S 1-chlorooctadecane (S...	12.142	4558354	37.798 ug/ml
Spiked Amount 50.000		Recovery =	75.60%
Target Compounds			
1) T n-Nonane (C9)	2.661	7055270	53.763 ug/ml
2) T n-Decane (C10)	3.643	7420560	56.061 ug/ml
3) T A~Naphthalene (C11.7)	5.176	8148323	55.223 ug/ml
4) T n-Dodecane (C12)	5.607	7432423	55.964 ug/ml
5) T A~2-methylnaphthalene...	6.215	7795938	52.537 ug/ml
6) T n-Tetradecane (C14)	7.384	7402225	53.541 ug/ml
7) T n-Hexadecane (C16)	8.971	7410963	54.049 ug/ml
8) T n-Octadecane (C18)	10.403	7298135	51.680 ug/ml
10) T n-Eicosane (C20)	11.705	6977150	49.906 ug/mlm
11) T n-Heneicosane (C21)	12.313	6807546	48.114 ug/ml
13) T n-Docosane (C22)	12.896	6704326	47.772 ug/ml
14) T n-Tetracosane (C24)	13.993	6483628	46.178 ug/ml
15) T n-Hexacosane (C26)	15.010	6286282	45.716 ug/ml
16) T n-Octacosane (C28)	15.951	6205028	45.613 ug/mlm
17) T n-Tricontane (C30)	16.838	6041562	45.144 ug/mlm
18) T n-Dotriacontane (C32)	17.665	5962576	46.063 ug/ml
19) T n-Tetratriacontane (C34)	18.443	5582930	46.047 ug/ml
20) T n-Hexatriacontane (C36)	19.179	4700052	44.103 ug/ml
21) T n-Octatriacontane (C38)	19.882	4515181	48.894 ug/ml
22) T n-Tetracontane (C40)	20.710	4528094	58.153 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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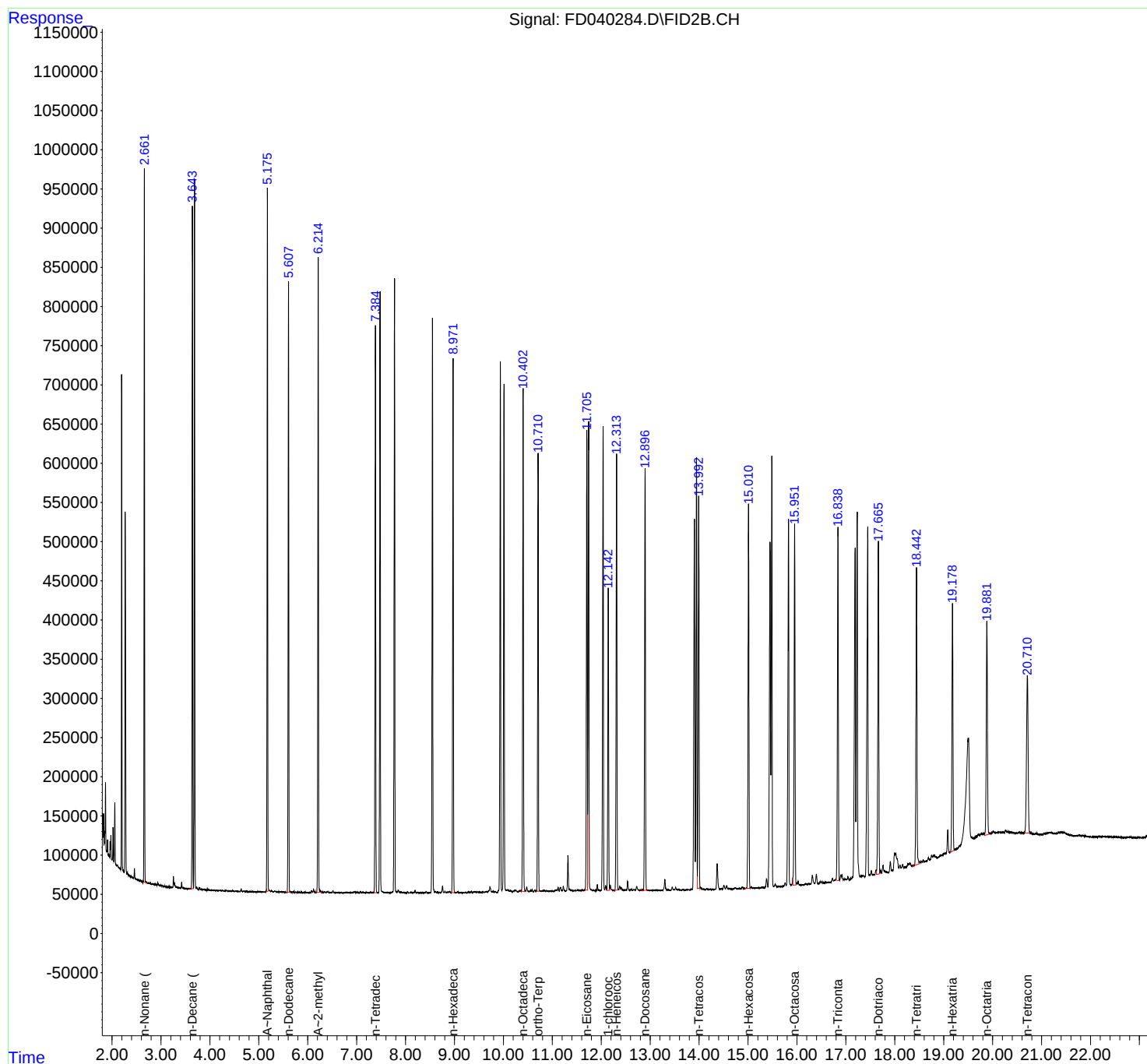
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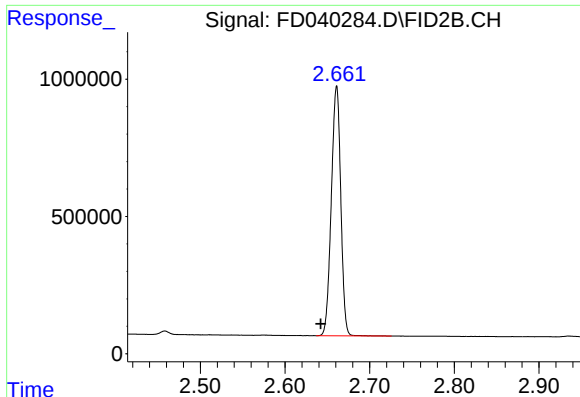
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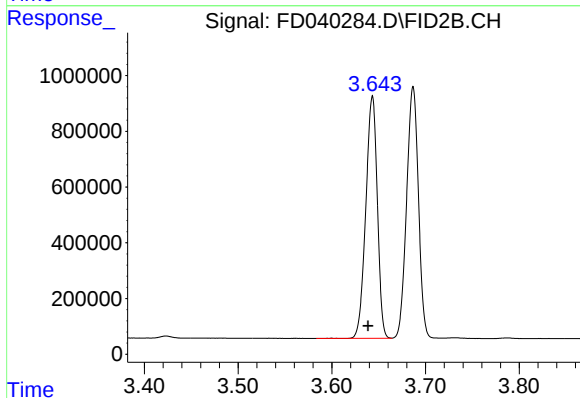
#1 n-Nonane (C9)

R.T.: 2.661 min
Delta R.T.: 0.019 min
Response: 7055270
Conc: 53.76 ug/ml

Instrument :
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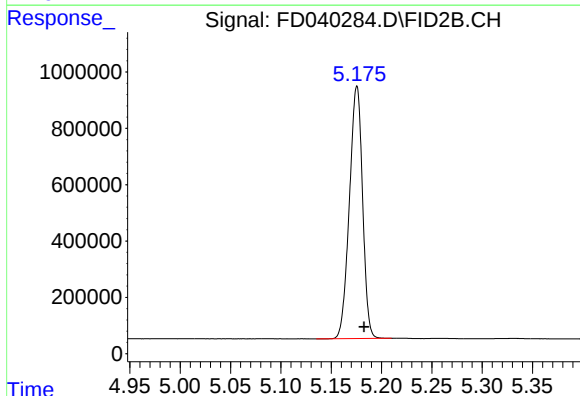
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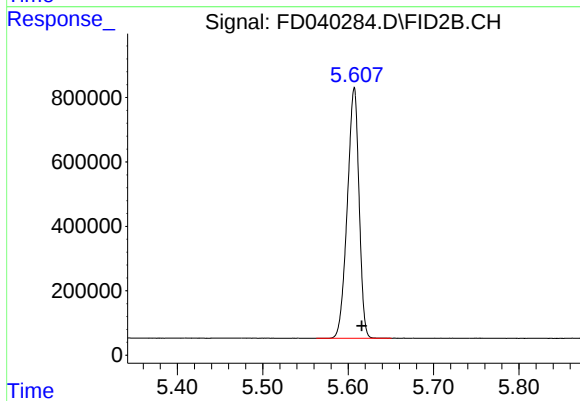
#2 n-Decane (C10)

R.T.: 3.643 min
Delta R.T.: 0.005 min
Response: 7420560
Conc: 56.06 ug/ml



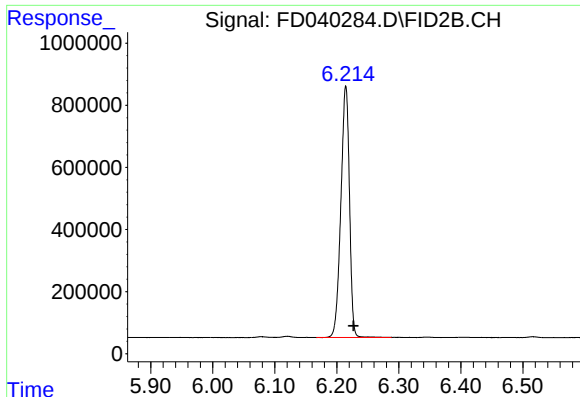
#3 A~Naphthalene (C11.7)

R.T.: 5.176 min
Delta R.T.: -0.007 min
Response: 8148323
Conc: 55.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.607 min
Delta R.T.: -0.009 min
Response: 7432423
Conc: 55.96 ug/ml



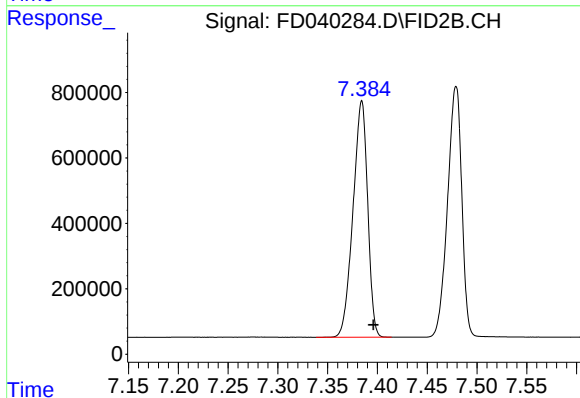
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.215 min
Delta R.T.: -0.013 min
Response: 7795938
Conc: 52.54 ug/ml

Instrument :
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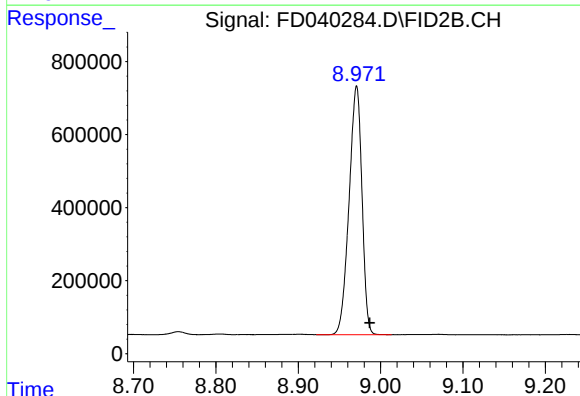
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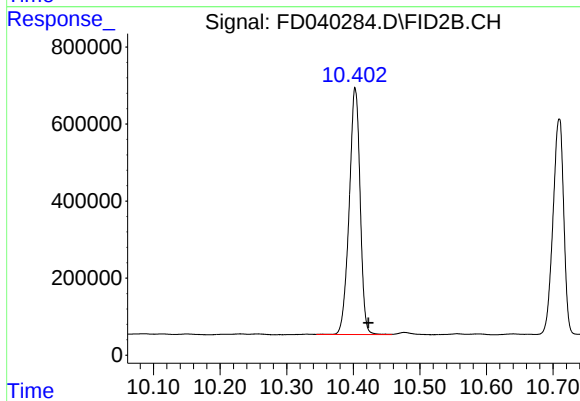
#6 n-Tetradecane (C14)

R.T.: 7.384 min
Delta R.T.: -0.012 min
Response: 7402225
Conc: 53.54 ug/ml



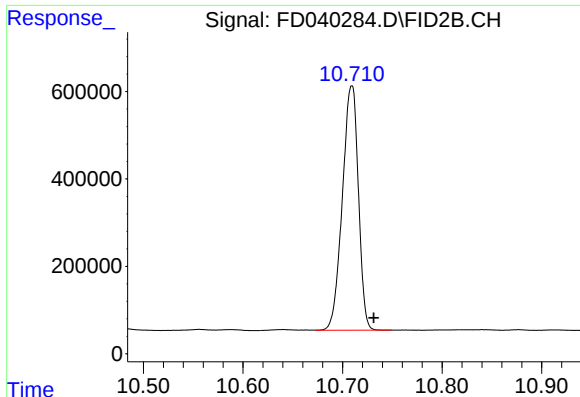
#7 n-Hexadecane (C16)

R.T.: 8.971 min
Delta R.T.: -0.016 min
Response: 7410963
Conc: 54.05 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.403 min
Delta R.T.: -0.020 min
Response: 7298135
Conc: 51.68 ug/ml



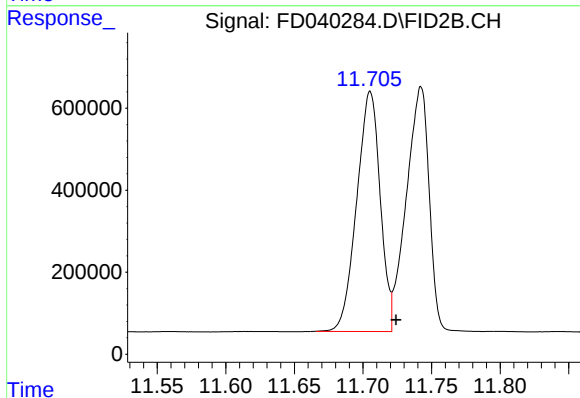
#9 ortho-Terphenyl (SURR)

R.T.: 10.709 min
Delta R.T.: -0.022 min
Response: 6259603
Conc: 40.18 ug/ml

Instrument :
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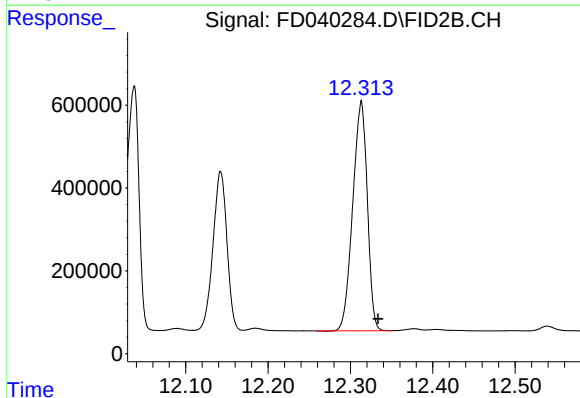
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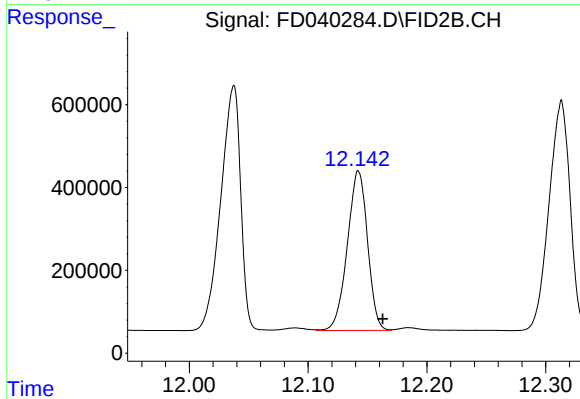
#10 n-Eicosane (C20)

R.T.: 11.705 min
Delta R.T.: -0.019 min
Response: 6977150
Conc: 49.91 ug/ml m



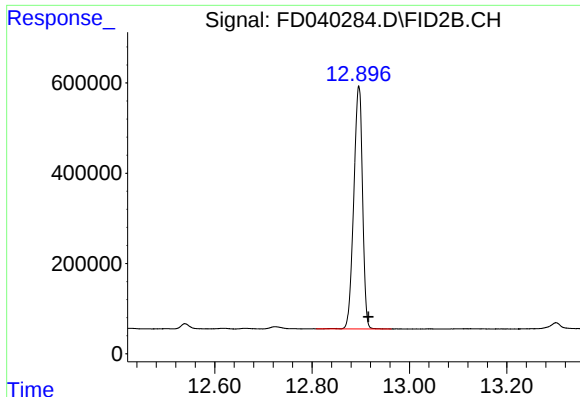
#11 n-Heneicosane (C21)

R.T.: 12.313 min
Delta R.T.: -0.020 min
Response: 6807546
Conc: 48.11 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.142 min
Delta R.T.: -0.020 min
Response: 4558354
Conc: 37.80 ug/ml



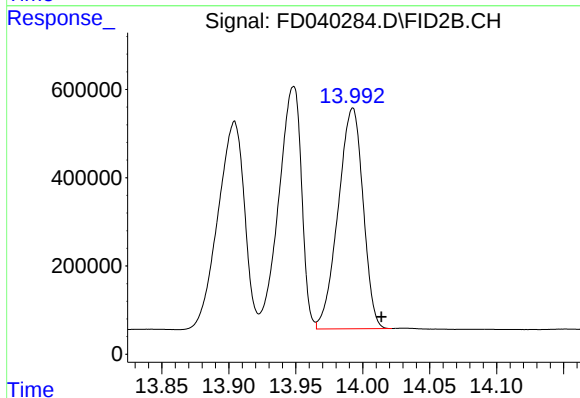
#13 n-Docosane (C22)

R.T.: 12.896 min
Delta R.T.: -0.020 min
Response: 6704326
Conc: 47.77 ug/ml

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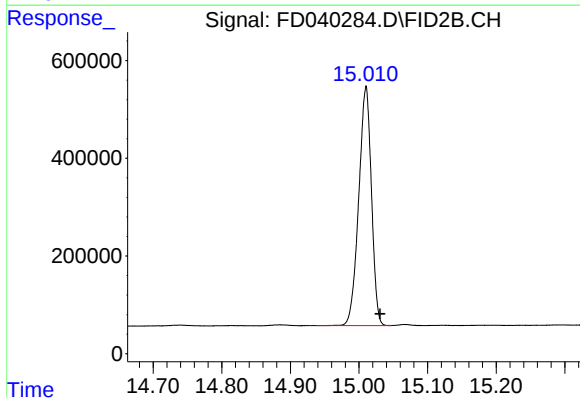
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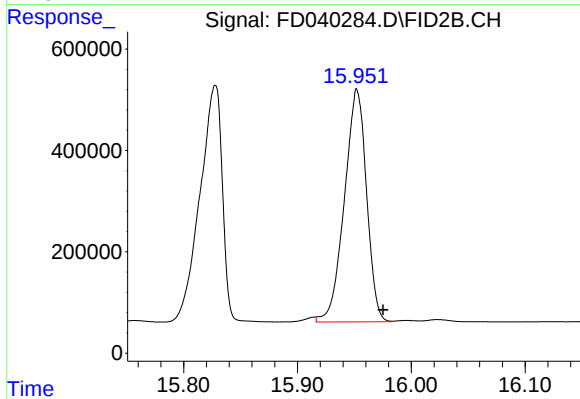
#14 n-Tetracosane (C24)

R.T.: 13.993 min
Delta R.T.: -0.021 min
Response: 6483628
Conc: 46.18 ug/ml



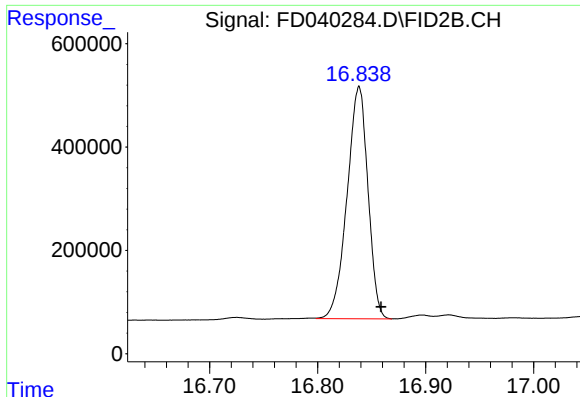
#15 n-Hexacosane (C26)

R.T.: 15.010 min
Delta R.T.: -0.021 min
Response: 6286282
Conc: 45.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.951 min
Delta R.T.: -0.024 min
Response: 6205028
Conc: 45.61 ug/ml m



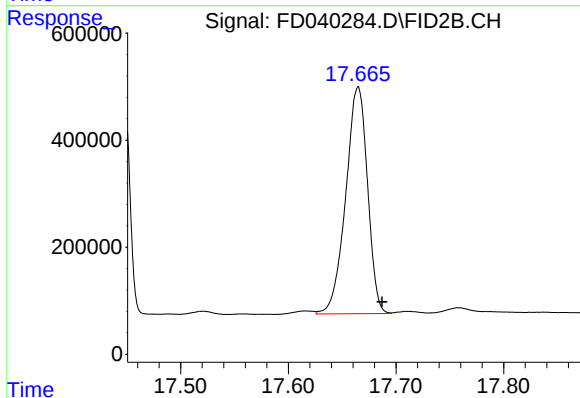
#17 n-Tricontane (C30)

R.T.: 16.838 min
Delta R.T.: -0.021 min
Response: 6041562
Conc: 45.14 ug/ml

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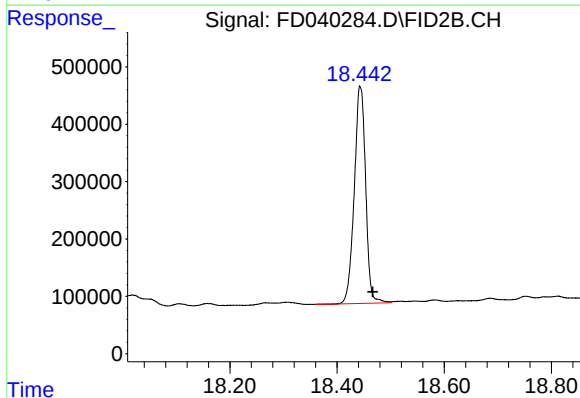
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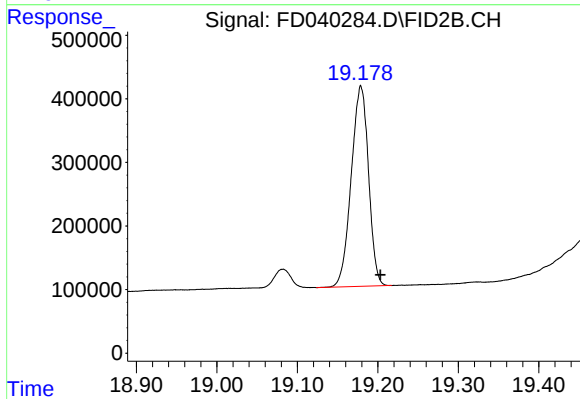
#18 n-Dotriacontane (C32)

R.T.: 17.665 min
Delta R.T.: -0.022 min
Response: 5962576
Conc: 46.06 ug/ml



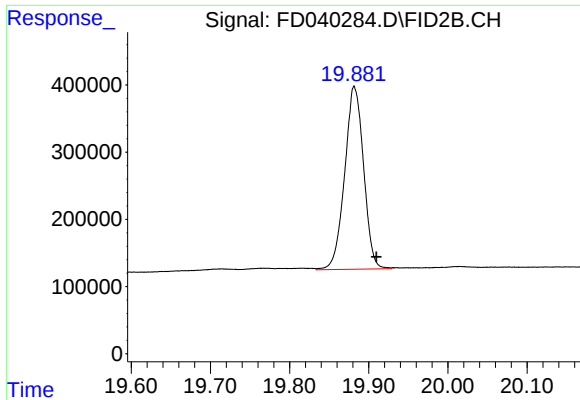
#19 n-Tetratriacontane (C34)

R.T.: 18.443 min
Delta R.T.: -0.023 min
Response: 5582930
Conc: 46.05 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.179 min
Delta R.T.: -0.024 min
Response: 4700052
Conc: 44.10 ug/ml



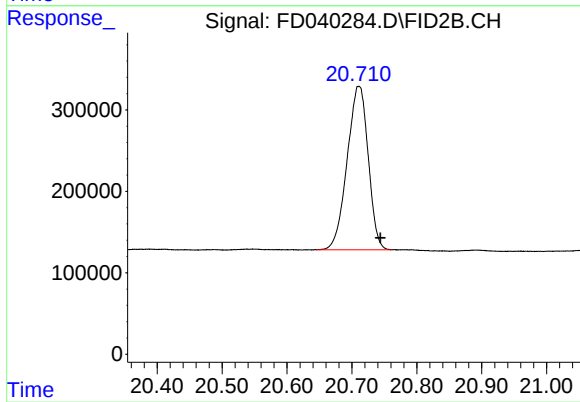
#21 n-Octatriacontane (C38)

R.T.: 19.882 min
Delta R.T.: -0.028 min
Response: 4515181
Conc: 48.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.710 min
Delta R.T.: -0.034 min
Response: 4528094
Conc: 58.15 ug/ml m