

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF050422AL\
 Data File : FF010518.D
 Signal(s) : FID2B.ch
 Acq On : 04 May 2022 14:28
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/05/2022
 Supervised By :mohammad ahmed 05/06/2022

Integration File: sample.E
 Quant Time: May 04 15:42:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH -FF050322
 Quant Title : GC Extractables
 QLast Update : Tue May 03 13:18:42 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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)	10.849	2304410	16.738 ug/ml
Spiked Amount 50.000		Recovery =	33.48%
12) S 1-chlorooctadecane (S...	12.287	1815717	16.696 ug/ml
Spiked Amount 50.000		Recovery =	33.39%
Target Compounds			
1) T n-Nonane (C9)	2.710	2028729	17.144 ug/ml
2) T n-Decane (C10)	3.717	2013636	17.147 ug/ml
3) T A~Naphthalene (C11.7)	5.274	2260354	17.049 ug/mlm
4) T n-Dodecane (C12)	5.703	2057641	17.134 ug/ml
5) T A~2-methylnaphthalene...	6.323	2271449	16.949 ug/ml
6) T n-Tetradecane (C14)	7.494	2080230	17.238 ug/ml
7) T n-Hexadecane (C16)	9.094	2108099	17.135 ug/ml
8) T n-Octadecane (C18)	10.534	2134855	17.012 ug/ml
10) T n-Eicosane (C20)	11.843	2119459	16.896 ug/ml
11) T n-Heneicosane (C21)	12.454	2110605	16.767 ug/ml
13) T n-Docosane (C22)	13.040	2119440	16.944 ug/ml
14) T n-Tetracosane (C24)	14.142	2126864	17.277 ug/ml
15) T n-Hexacosane (C26)	15.163	2070039	17.398 ug/ml
16) T n-Octacosane (C28)	16.111	2035112	17.831 ug/ml
17) T n-Tricontane (C30)	16.997	1976076	18.122 ug/ml
18) T n-Dotriacontane (C32)	17.828	1852821	18.083 ug/ml
19) T n-Tetratriacontane (C34)	18.609	1644985	17.825 ug/ml
20) T n-Hexatriacontane (C36)	19.347	1458922	17.484 ug/ml
21) T n-Octatriacontane (C38)	20.067	1307628	17.566 ug/ml
22) T n-Tetracontane (C40)	20.940	1259160	16.844 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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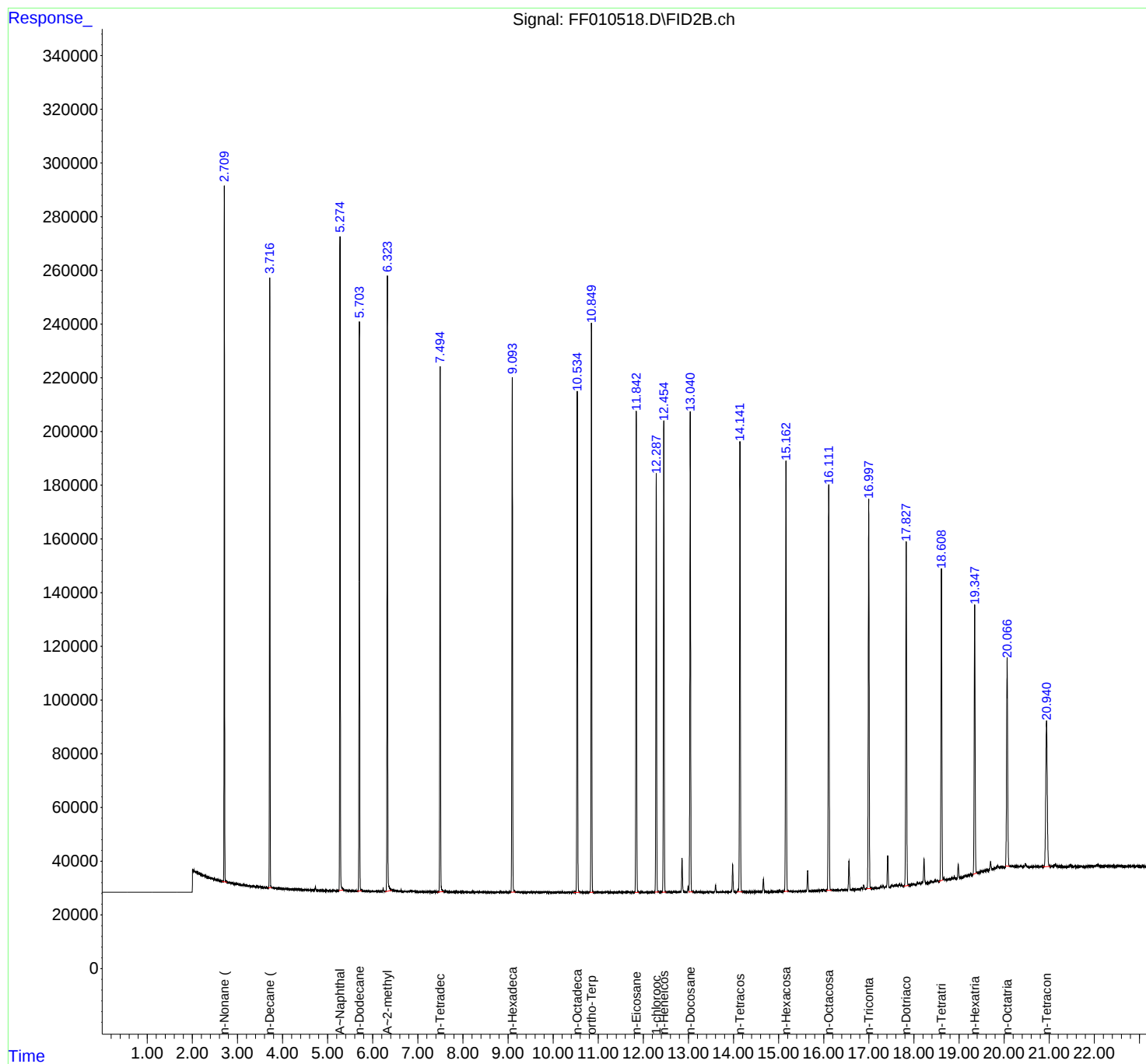
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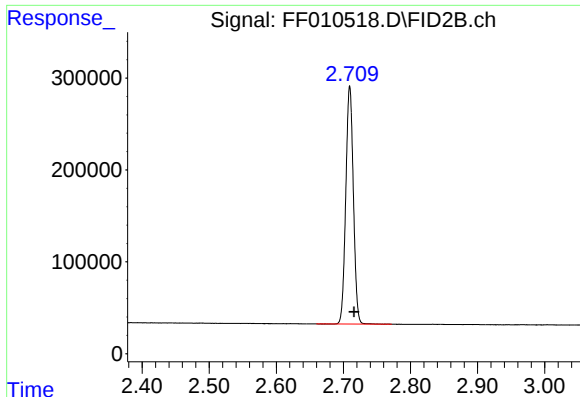
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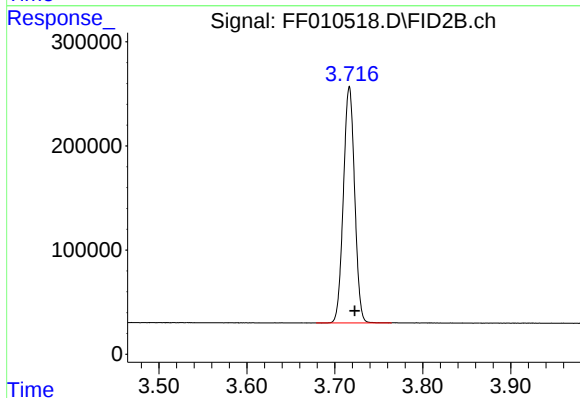
#1 n-Nonane (C9)

R.T.: 2.710 min
Delta R.T.: -0.006 min
Response: 2028729
Conc: 17.14 ug/ml

Instrument :
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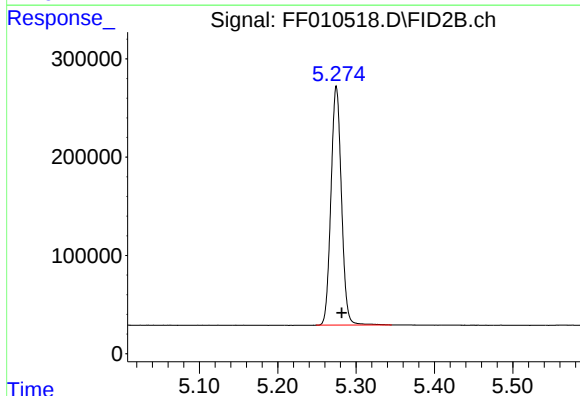
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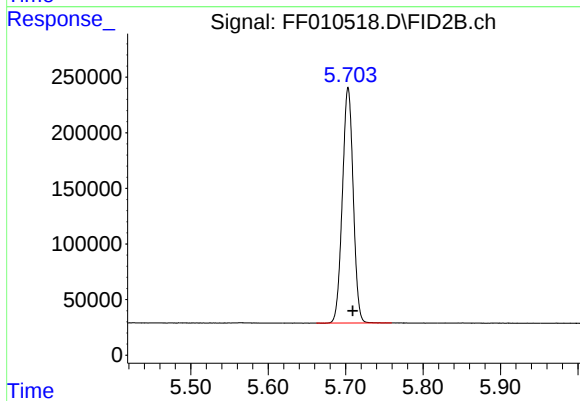
#2 n-Decane (C10)

R.T.: 3.717 min
Delta R.T.: -0.006 min
Response: 2013636
Conc: 17.15 ug/ml



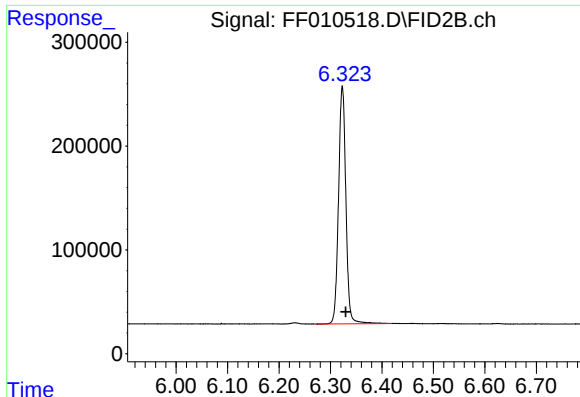
#3 A~Naphthalene (C11.7)

R.T.: 5.274 min
Delta R.T.: -0.008 min
Response: 2260354
Conc: 17.05 ug/ml m



#4 n-Dodecane (C12)

R.T.: 5.703 min
Delta R.T.: -0.006 min
Response: 2057641
Conc: 17.13 ug/ml



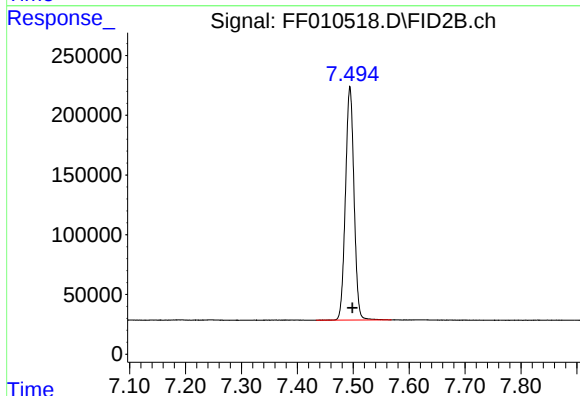
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.323 min
Delta R.T.: -0.007 min
Response: 2271449
Conc: 16.95 ug/ml

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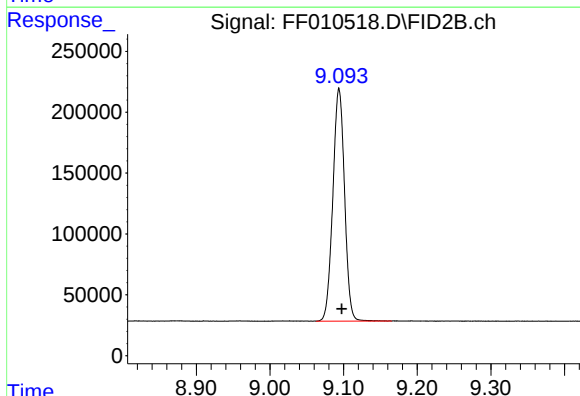
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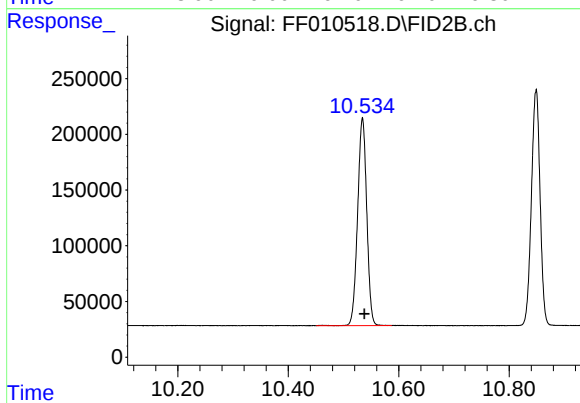
#6 n-Tetradecane (C14)

R.T.: 7.494 min
Delta R.T.: -0.004 min
Response: 2080230
Conc: 17.24 ug/ml



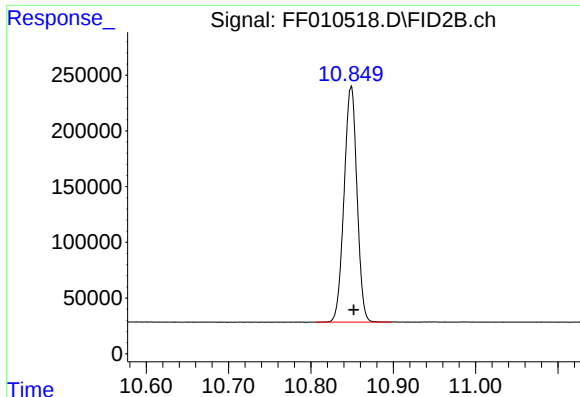
#7 n-Hexadecane (C16)

R.T.: 9.094 min
Delta R.T.: -0.004 min
Response: 2108099
Conc: 17.14 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.534 min
Delta R.T.: -0.004 min
Response: 2134855
Conc: 17.01 ug/ml



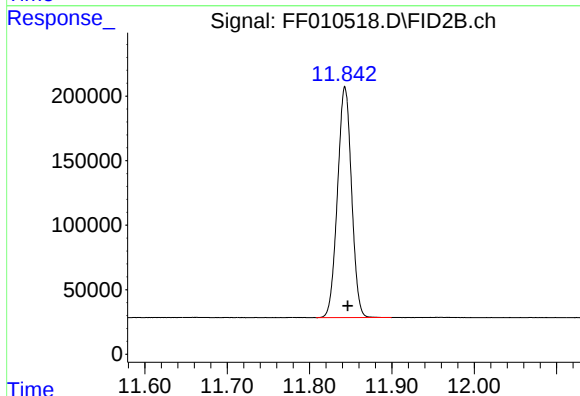
#9 ortho-Terphenyl (SURR)

R.T.: 10.849 min
Delta R.T.: -0.003 min
Response: 2304410
Conc: 16.74 ug/ml

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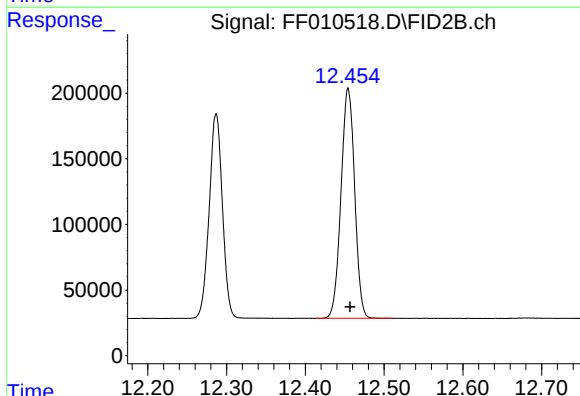
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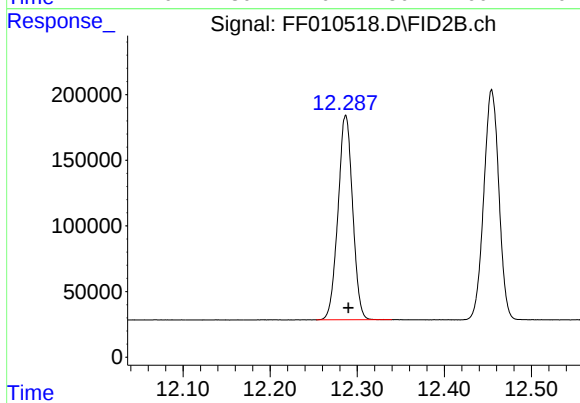
#10 n-Eicosane (C20)

R.T.: 11.843 min
Delta R.T.: -0.003 min
Response: 2119459
Conc: 16.90 ug/ml



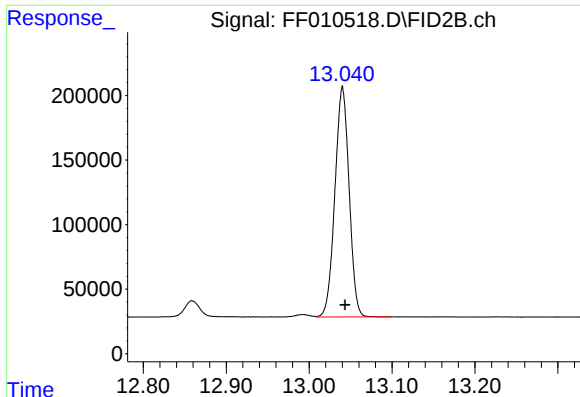
#11 n-Heneicosane (C21)

R.T.: 12.454 min
Delta R.T.: -0.003 min
Response: 2110605
Conc: 16.77 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.287 min
Delta R.T.: -0.003 min
Response: 1815717
Conc: 16.70 ug/ml



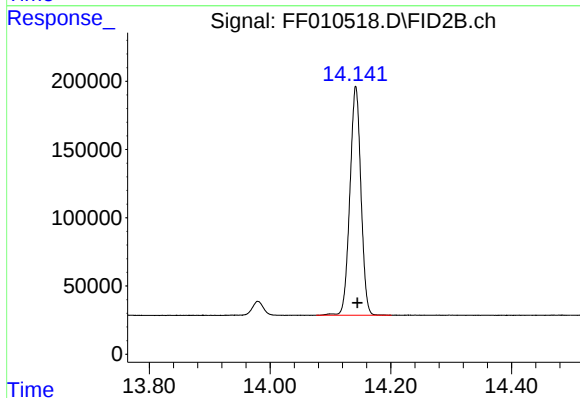
#13 n-Docosane (C22)

R.T.: 13.040 min
Delta R.T.: -0.003 min
Response: 2119440
Conc: 16.94 ug/ml

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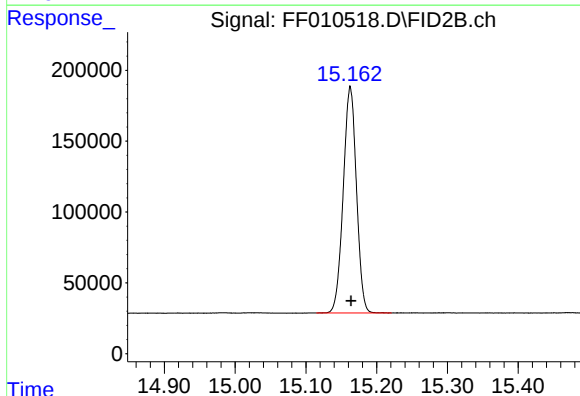
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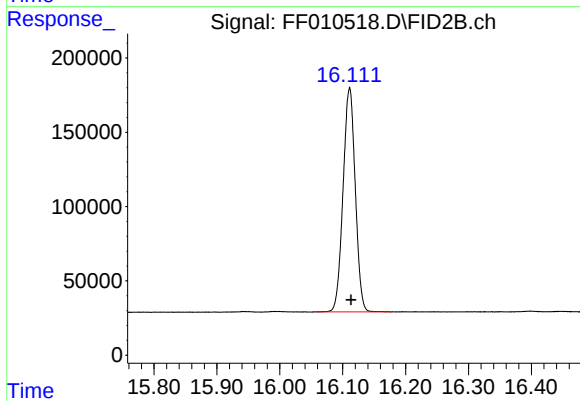
#14 n-Tetracosane (C24)

R.T.: 14.142 min
Delta R.T.: -0.003 min
Response: 2126864
Conc: 17.28 ug/ml



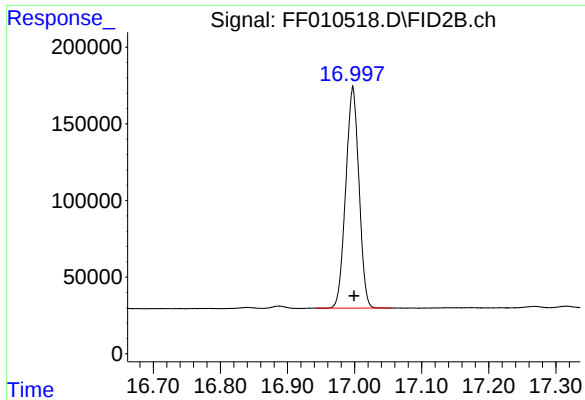
#15 n-Hexacosane (C26)

R.T.: 15.163 min
Delta R.T.: 0.000 min
Response: 2070039
Conc: 17.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.111 min
Delta R.T.: -0.002 min
Response: 2035112
Conc: 17.83 ug/ml



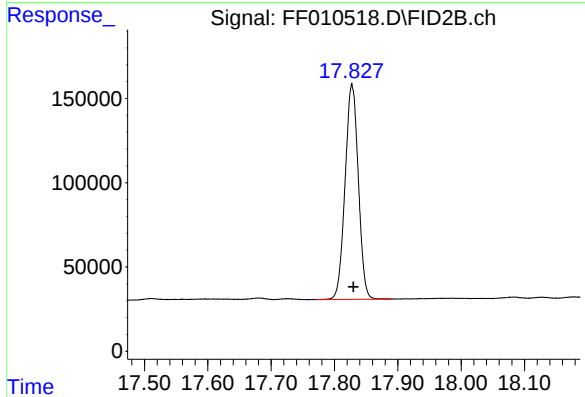
#17 n-Tricontane (C30)

R.T.: 16.997 min
Delta R.T.: -0.002 min
Response: 1976076
Conc: 18.12 ug/ml

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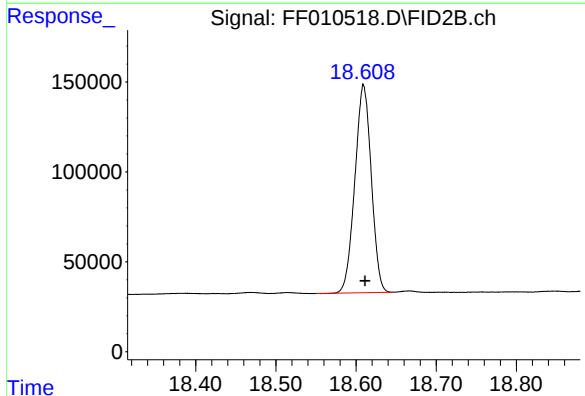
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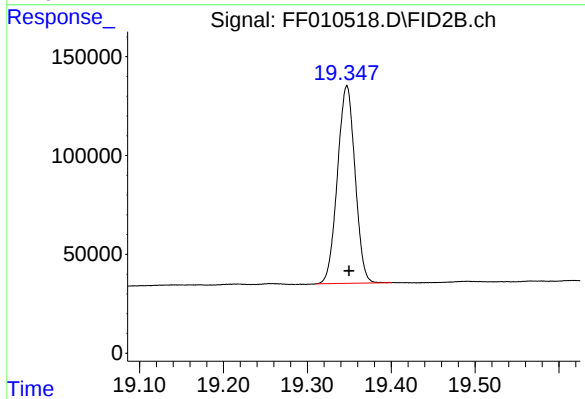
#18 n-Dotriacontane (C32)

R.T.: 17.828 min
Delta R.T.: -0.002 min
Response: 1852821
Conc: 18.08 ug/ml



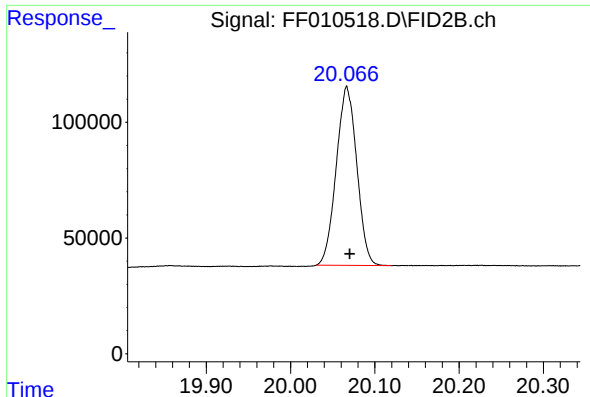
#19 n-Tetratriacontane (C34)

R.T.: 18.609 min
Delta R.T.: -0.002 min
Response: 1644985
Conc: 17.82 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.347 min
Delta R.T.: -0.002 min
Response: 1458922
Conc: 17.48 ug/ml



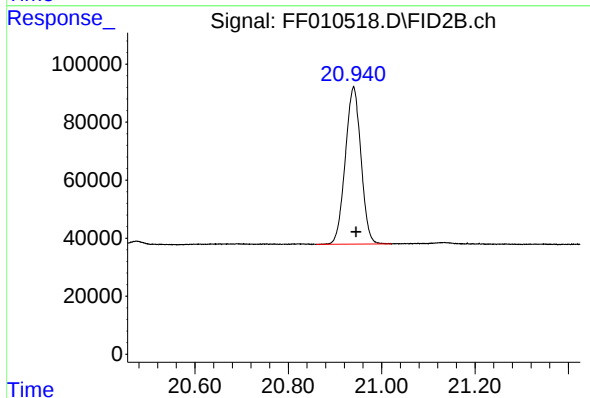
#21 n-Octatriacontane (C38)

R.T.: 20.067 min
Delta R.T.: -0.004 min
Response: 1307628
Conc: 17.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.940 min
Delta R.T.: -0.005 min
Response: 1259160
Conc: 16.84 ug/ml