

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030222AL\
 Data File : FD041351.D
 Signal(s) : FID2B.CH
 Acq On : 02 Mar 2022 13:03
 Operator : UA/NP
 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 03/03/2022
 Supervised By :Ankita Jodhani 03/03/2022

Integration File: autoint1.e
 Quant Time: Mar 03 01:13:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 24 01:21:33 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)	11.247	3299086	19.019 ug/ml
Spiked Amount 50.000		Recovery =	38.04%
12) S 1-chlorooctadecane (S...	12.688	2617632	19.335 ug/ml
Spiked Amount 50.000		Recovery =	38.67%
Target Compounds			
1) T n-Nonane (C9)	3.109	2864396	19.671 ug/ml
2) T n-Decane (C10)	4.155	2891654	20.026 ug/ml
3) T A~Naphthalene (C11.7)	5.705	3118412	19.521 ug/ml
4) T n-Dodecane (C12)	6.151	2917032	19.696 ug/ml
5) T A~2-methylnaphthalene...	6.751	3144382	19.649 ug/ml
6) T n-Tetradecane (C14)	7.929	2948523	19.695 ug/ml
7) T n-Hexadecane (C16)	9.517	2974995	19.542 ug/ml
8) T n-Octadecane (C18)	10.949	2985846	19.210 ug/ml
10) T n-Eicosane (C20)	12.250	2969786	19.130 ug/ml
11) T n-Heneicosane (C21)	12.858	2937167	18.758 ug/ml
13) T n-Docosane (C22)	13.441	2961850	18.912 ug/ml
14) T n-Tetracosane (C24)	14.537	2954997	18.839 ug/ml
15) T n-Hexacosane (C26)	15.553	2881344	18.753 ug/ml
16) T n-Octacosane (C28)	16.498	2869476	19.281 ug/ml
17) T n-Tricontane (C30)	17.381	2901654	20.622 ug/ml
18) T n-Dotriacontane (C32)	18.209	2807548	22.067 ug/ml
19) T n-Tetratriacontane (C34)	18.988	2494801	21.904 ug/ml
20) T n-Hexatriacontane (C36)	19.724	2328563	22.719 ug/ml
21) T n-Octatriacontane (C38)	20.422	2190868	23.075 ug/mlm
22) T n-Tetracontane (C40)	21.209	2110717	22.271 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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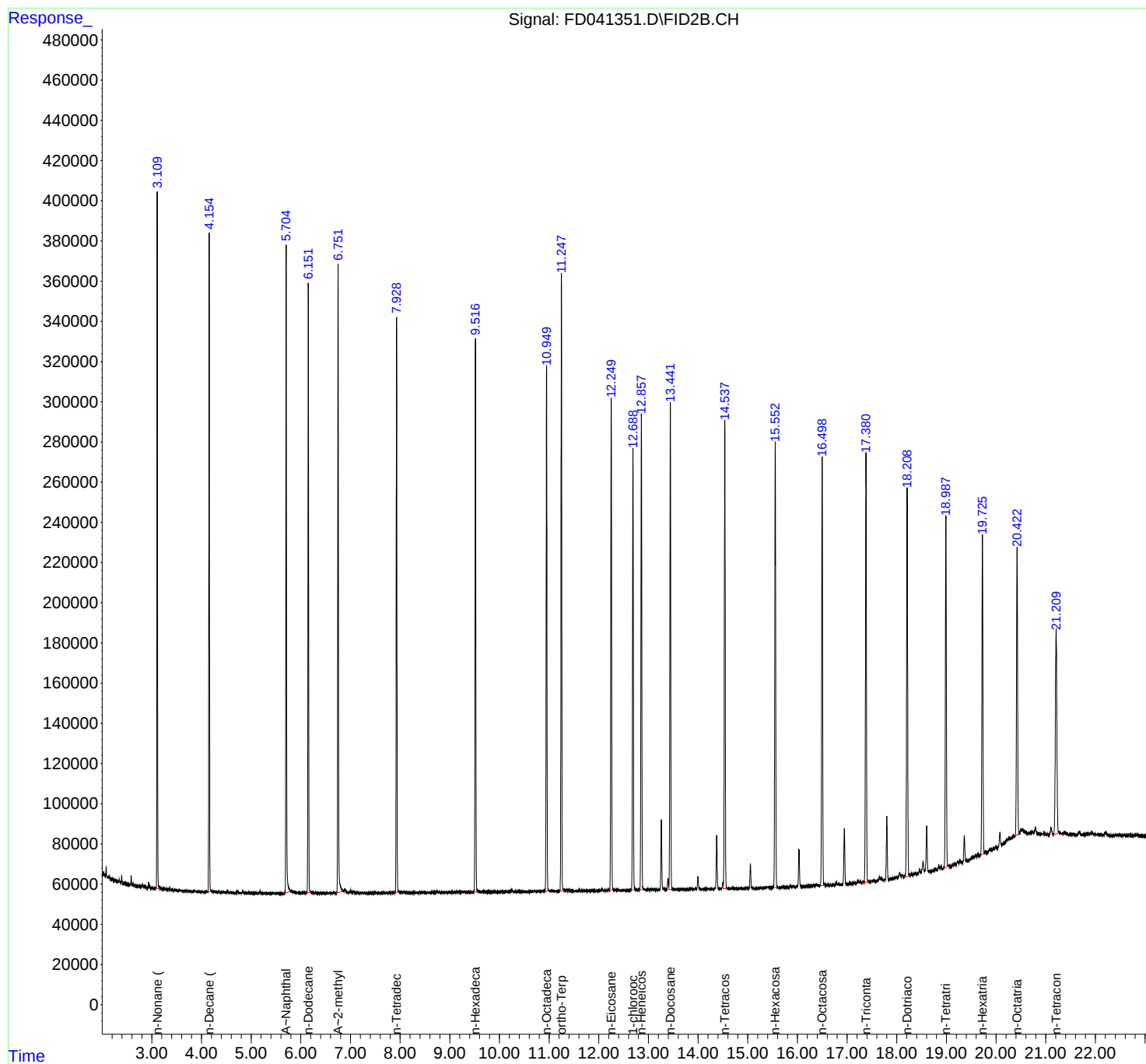
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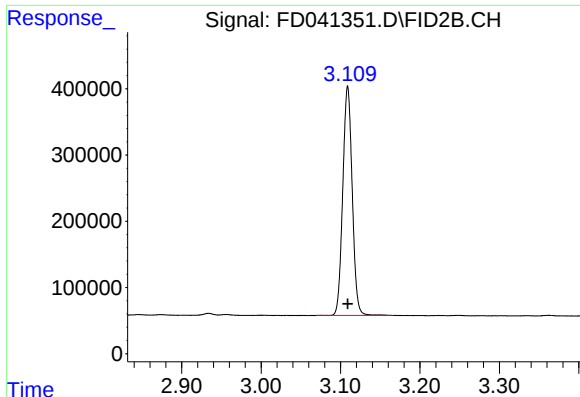
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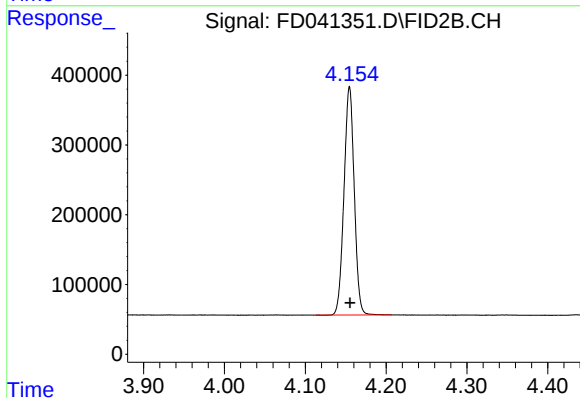
#1 n-Nonane (C9)

R.T.: 3.109 min
Delta R.T.: 0.000 min
Response: 2864396
Conc: 19.67 ug/ml

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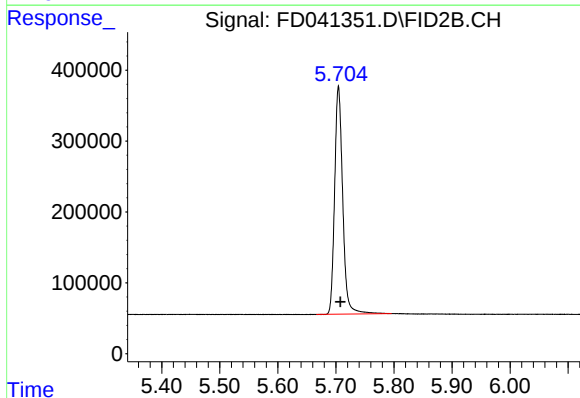
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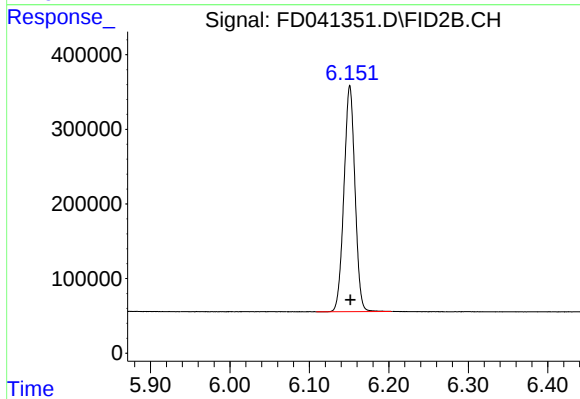
#2 n-Decane (C10)

R.T.: 4.155 min
Delta R.T.: 0.000 min
Response: 2891654
Conc: 20.03 ug/ml



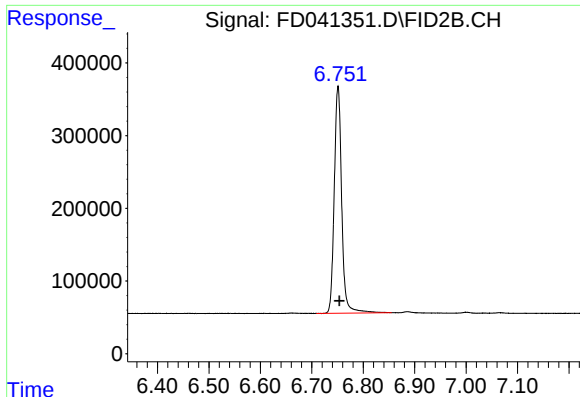
#3 A~Naphthalene (C11.7)

R.T.: 5.705 min
Delta R.T.: -0.003 min
Response: 3118412
Conc: 19.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 2917032
Conc: 19.70 ug/ml



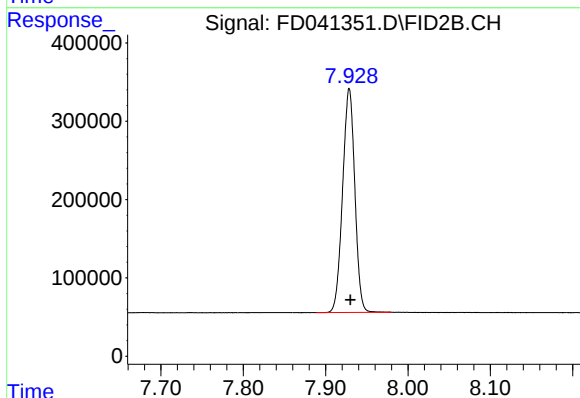
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.751 min
Delta R.T.: -0.003 min
Response: 3144382
Conc: 19.65 ug/ml

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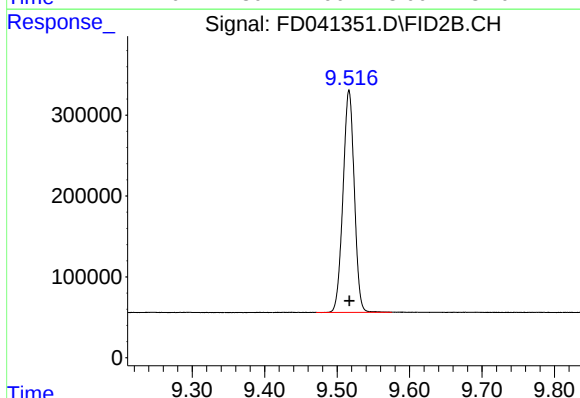
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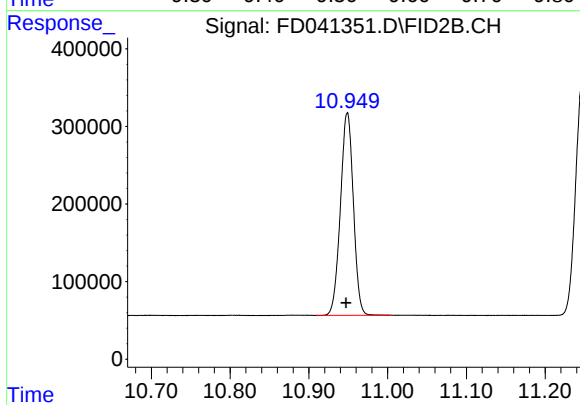
#6 n-Tetradecane (C14)

R.T.: 7.929 min
Delta R.T.: -0.001 min
Response: 2948523
Conc: 19.70 ug/ml



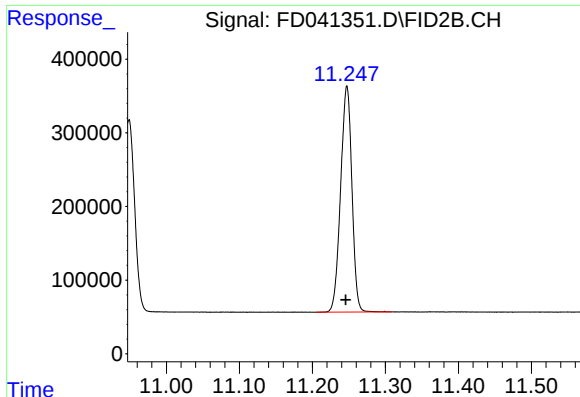
#7 n-Hexadecane (C16)

R.T.: 9.517 min
Delta R.T.: 0.000 min
Response: 2974995
Conc: 19.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.949 min
Delta R.T.: 0.002 min
Response: 2985846
Conc: 19.21 ug/ml



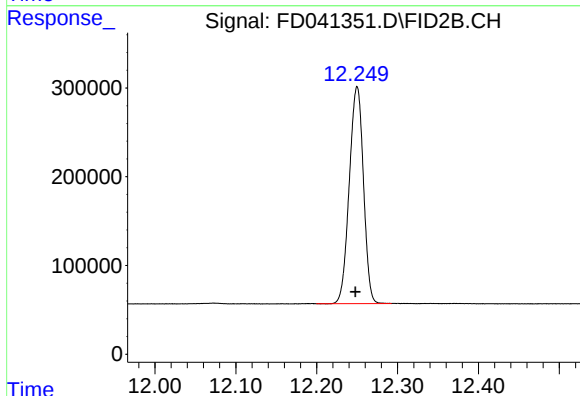
#9 ortho-Terphenyl (SURR)

R.T.: 11.247 min
Delta R.T.: 0.002 min
Response: 3299086
Conc: 19.02 ug/ml

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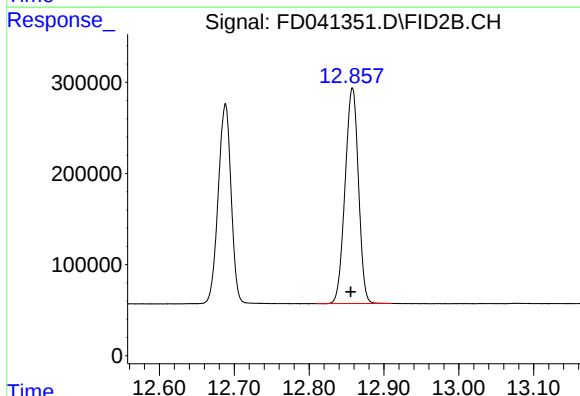
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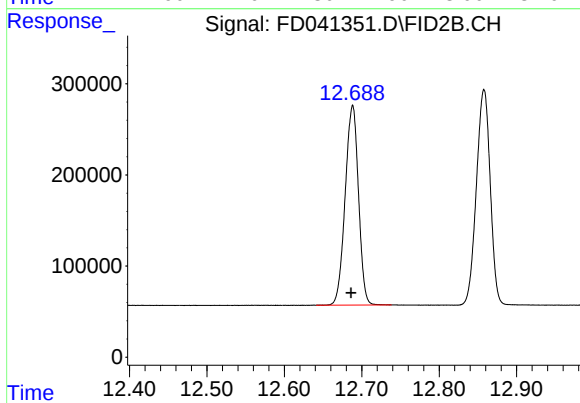
#10 n-Eicosane (C20)

R.T.: 12.250 min
Delta R.T.: 0.002 min
Response: 2969786
Conc: 19.13 ug/ml



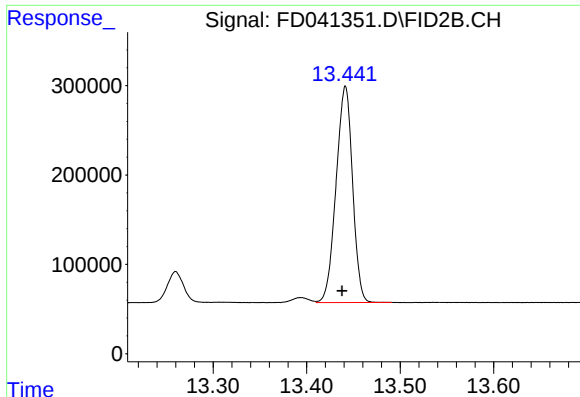
#11 n-Heneicosane (C21)

R.T.: 12.858 min
Delta R.T.: 0.002 min
Response: 2937167
Conc: 18.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.688 min
Delta R.T.: 0.002 min
Response: 2617632
Conc: 19.33 ug/ml



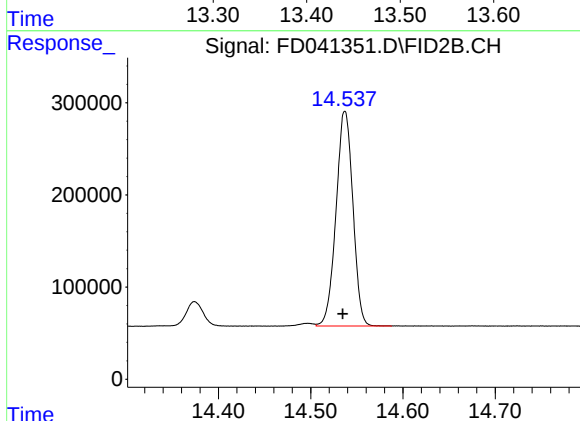
#13 n-Docosane (C22)

R.T.: 13.441 min
Delta R.T.: 0.004 min
Response: 2961850
Conc: 18.91 ug/ml

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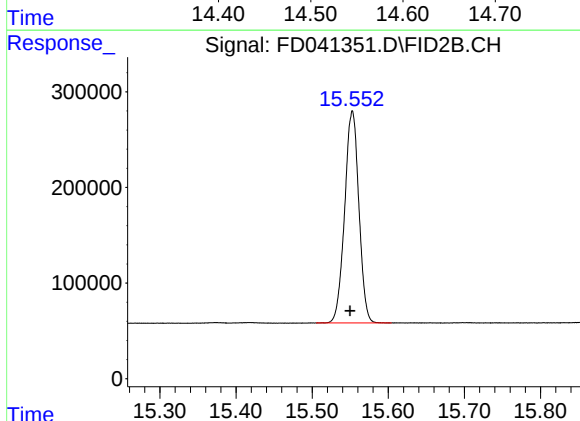
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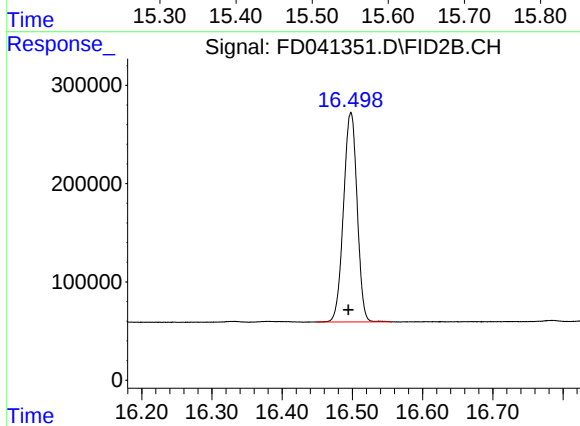
#14 n-Tetracosane (C24)

R.T.: 14.537 min
Delta R.T.: 0.002 min
Response: 2954997
Conc: 18.84 ug/ml



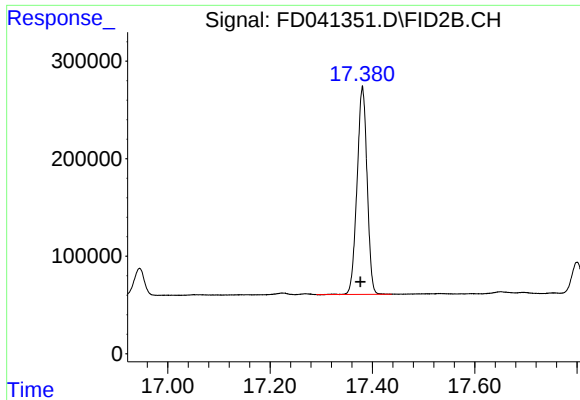
#15 n-Hexacosane (C26)

R.T.: 15.553 min
Delta R.T.: 0.003 min
Response: 2881344
Conc: 18.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.498 min
Delta R.T.: 0.004 min
Response: 2869476
Conc: 19.28 ug/ml



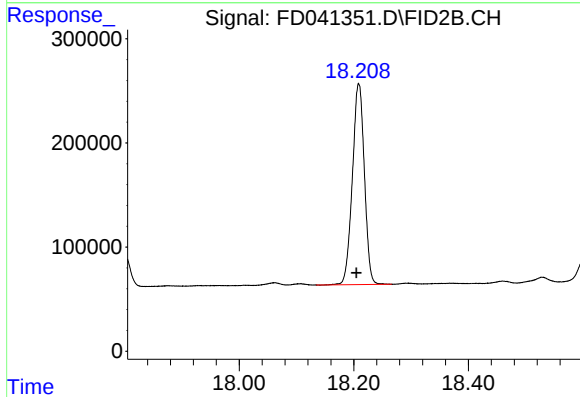
#17 n-Tricontane (C30)

R.T.: 17.381 min
Delta R.T.: 0.004 min
Response: 2901654
Conc: 20.62 ug/ml

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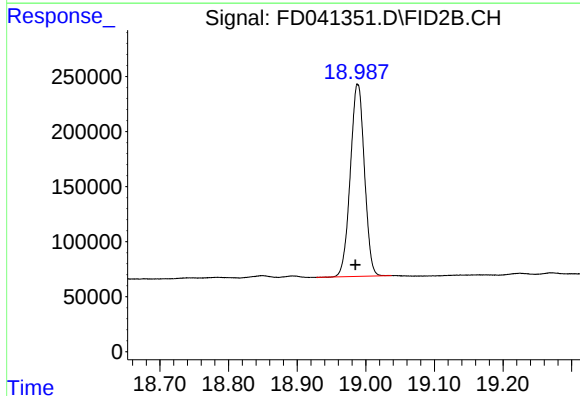
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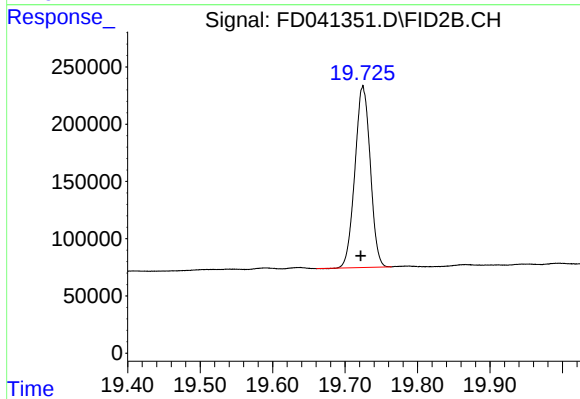
#18 n-Dotriacontane (C32)

R.T.: 18.209 min
Delta R.T.: 0.004 min
Response: 2807548
Conc: 22.07 ug/ml



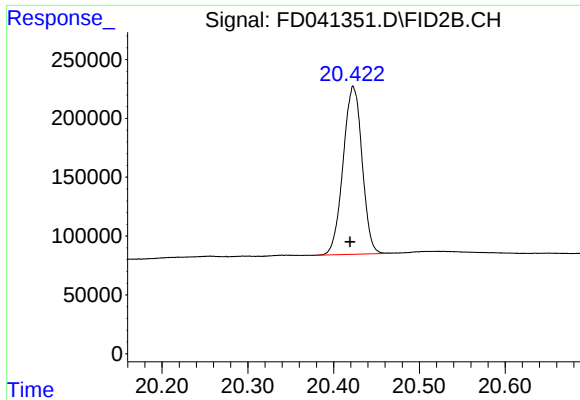
#19 n-Tetratriacontane (C34)

R.T.: 18.988 min
Delta R.T.: 0.003 min
Response: 2494801
Conc: 21.90 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.724 min
Delta R.T.: 0.003 min
Response: 2328563
Conc: 22.72 ug/ml



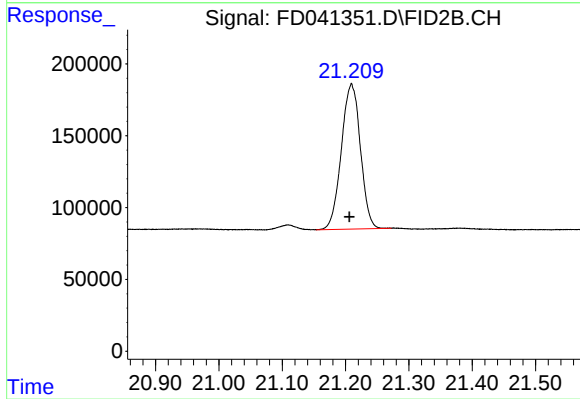
#21 n-Octatriacontane (C38)

R.T.: 20.422 min
Delta R.T.: 0.003 min
Response: 2190868
Conc: 23.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.209 min
Delta R.T.: 0.003 min
Response: 2110717
Conc: 22.27 ug/ml