

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060421AL\
 Data File : FD037704.D
 Signal(s) : FID2B.CH
 Acq On : 05 Jun 2021 4:44
 Operator : DD\AJ
 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

Ankita
 6/8/2021 8:48:13 AM

Integration File: autoint1.e
 Quant Time: Jun 05 06:52:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 02:07:09 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)	11.458	2339222	19.948 ug/ml
Spiked Amount 50.000		Recovery =	39.90%
12) S 1-chlorooctadecane (S...	12.892	1791257	19.713 ug/ml
Spiked Amount 50.000		Recovery =	39.43%
Target Compounds			
1) T n-Nonane (C9)	3.255	2135093	21.161 ug/ml
2) T n-Decane (C10)	4.318	2182483	21.511 ug/ml
3) T A~Naphthalene (C11.7)	5.894	2483001	21.806 ug/ml
4) T n-Dodecane (C12)	6.329	2262357	21.884 ug/ml
5) T A~2-methylnaphthalene...	6.947	2526972	21.828 ug/ml
6) T n-Tetradecane (C14)	8.117	2286090	21.934 ug/ml
7) T n-Hexadecane (C16)	9.711	2225372	21.567 ug/ml
8) T n-Octadecane (C18)	11.147	2262940	20.944 ug/ml
10) T n-Eicosane (C20)	12.451	2212850	20.304 ug/ml
11) T n-Heneicosane (C21)	13.060	2170380	19.937 ug/ml
13) T n-Docosane (C22)	13.644	2167627	19.954 ug/ml
14) T n-Tetracosane (C24)	14.741	2192781	20.237 ug/ml
15) T n-Hexacosane (C26)	15.758	2143600	20.124 ug/ml
16) T n-Octacosane (C28)	16.704	2154524	20.335 ug/ml
17) T n-Tricontane (C30)	17.587	2180177	20.708 ug/ml
18) T n-Dotriacontane (C32)	18.415	2154758	20.686 ug/ml
19) T n-Tetratriacontane (C34)	19.196	2068857	20.354 ug/ml
20) T n-Hexatriacontane (C36)	19.932	1979543	20.295 ug/mlm
21) T n-Octatriacontane (C38)	20.642	1972521	21.456 ug/ml
22) T n-Tetracontane (C40)	21.486	1908661	19.821 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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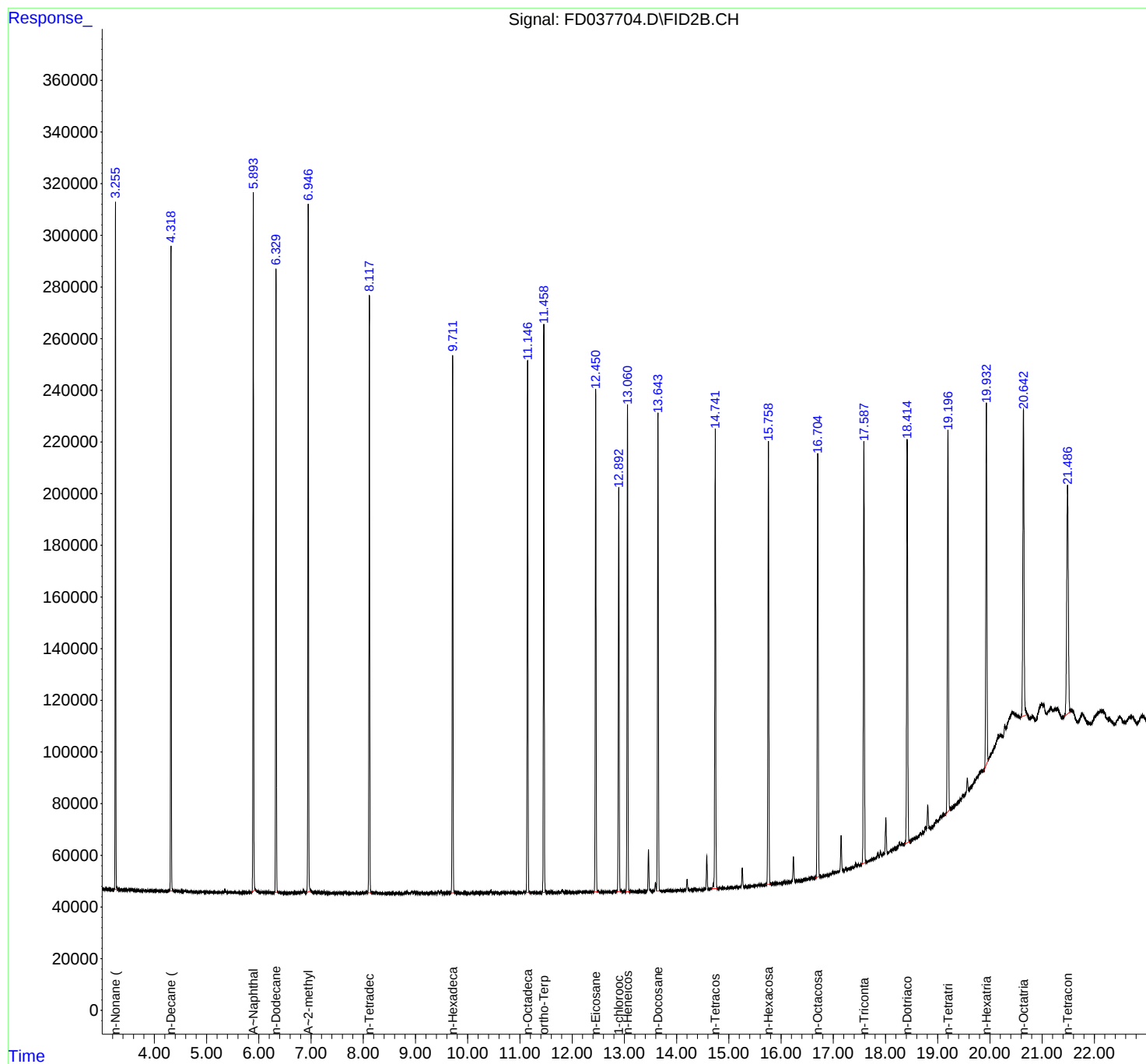
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20 PPM ALIPHATIC HC STD

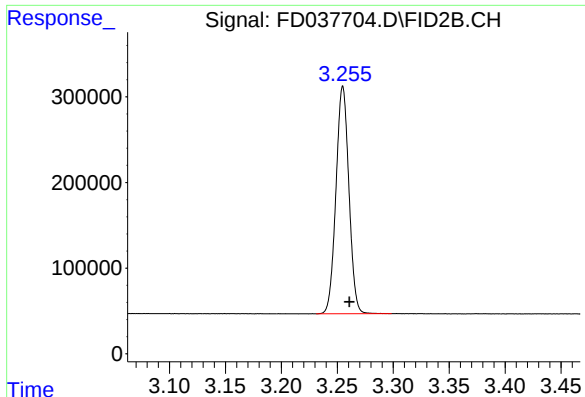
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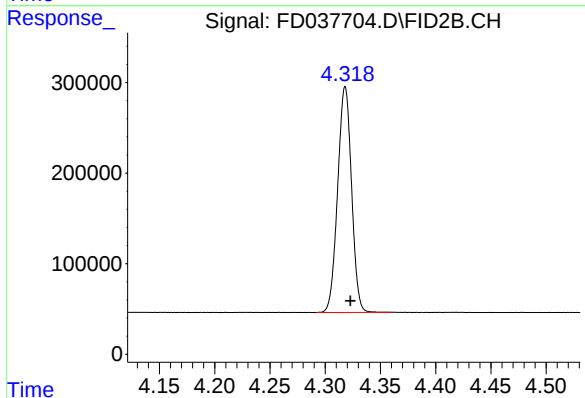
#1 n-Nonane (C9)

R.T.: 3.255 min
Delta R.T.: -0.006 min
Response: 2135093
Conc: 21.16 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

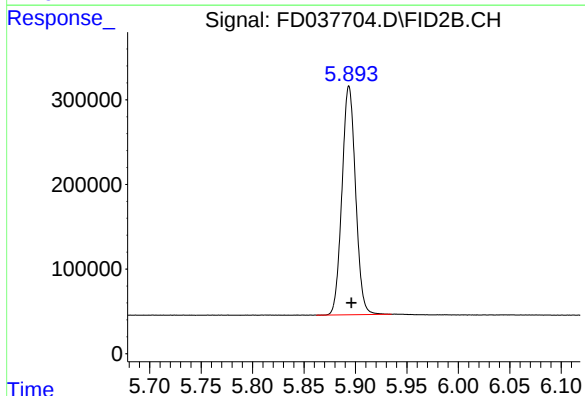
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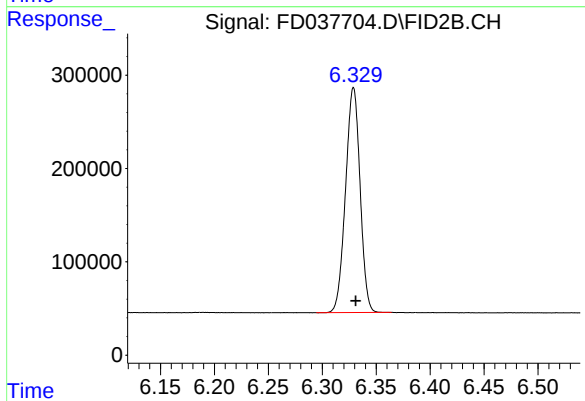
#2 n-Decane (C10)

R.T.: 4.318 min
Delta R.T.: -0.005 min
Response: 2182483
Conc: 21.51 ug/ml



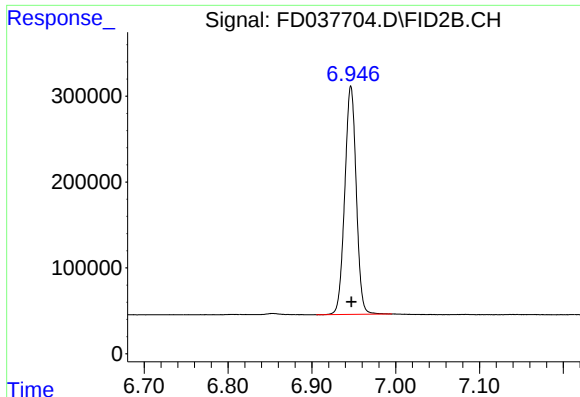
#3 A~Naphthalene (C11.7)

R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 2483001
Conc: 21.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 2262357
Conc: 21.88 ug/ml



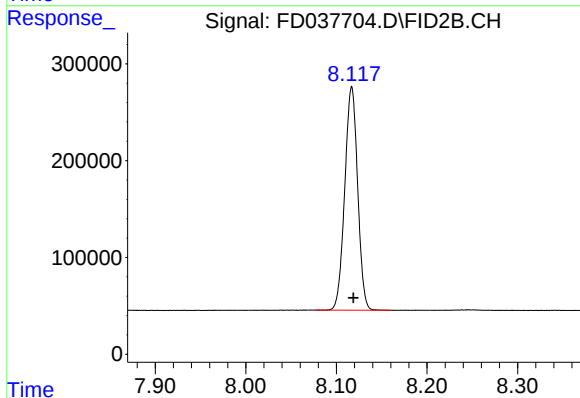
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 2526972
Conc: 21.83 ug/ml

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20 PPM ALIPHATIC HC STD

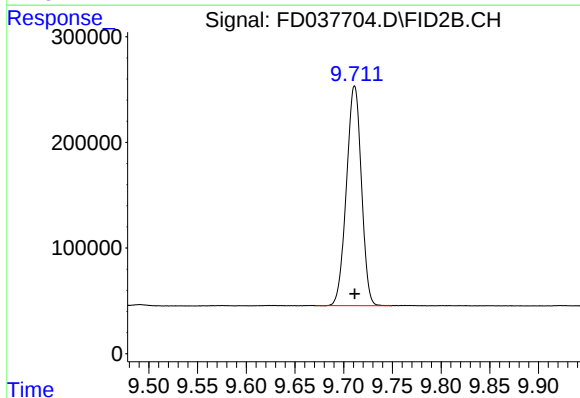
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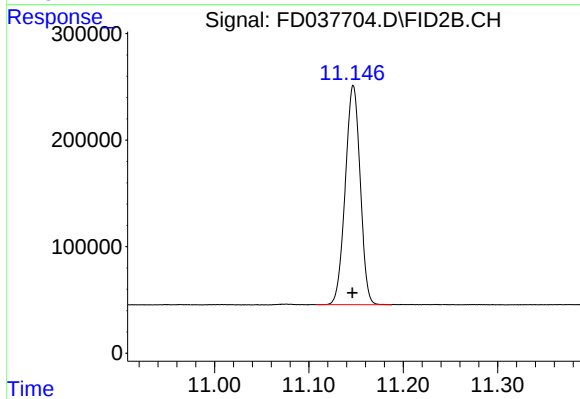
#6 n-Tetradecane (C14)

R.T.: 8.117 min
Delta R.T.: -0.002 min
Response: 2286090
Conc: 21.93 ug/ml



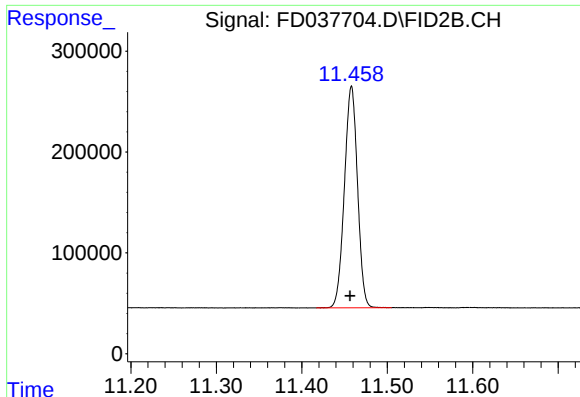
#7 n-Hexadecane (C16)

R.T.: 9.711 min
Delta R.T.: 0.000 min
Response: 2225372
Conc: 21.57 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.147 min
Delta R.T.: 0.001 min
Response: 2262940
Conc: 20.94 ug/ml



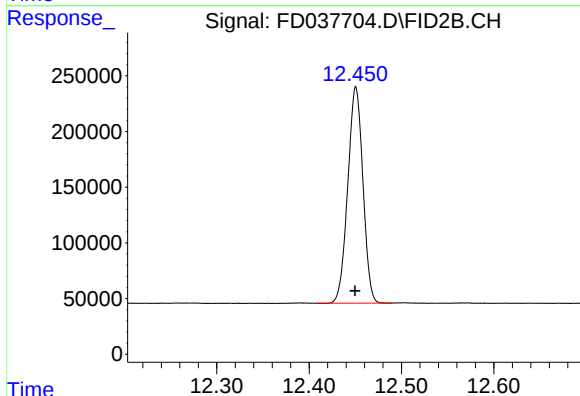
#9 ortho-Terphenyl (SURR)

R.T.: 11.458 min
Delta R.T.: 0.002 min
Response: 2339222
Conc: 19.95 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

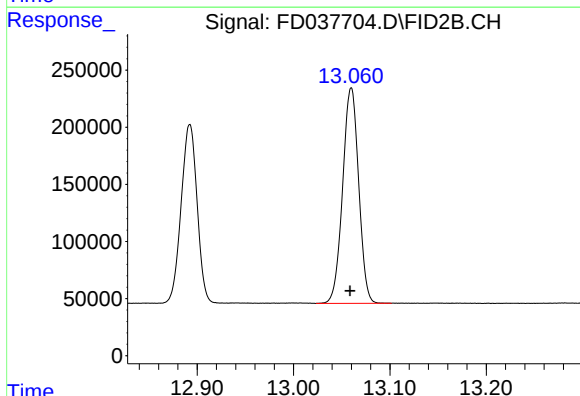
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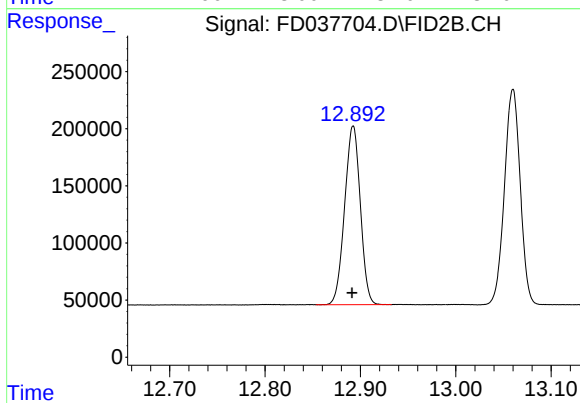
#10 n-Eicosane (C20)

R.T.: 12.451 min
Delta R.T.: 0.000 min
Response: 2212850
Conc: 20.30 ug/ml



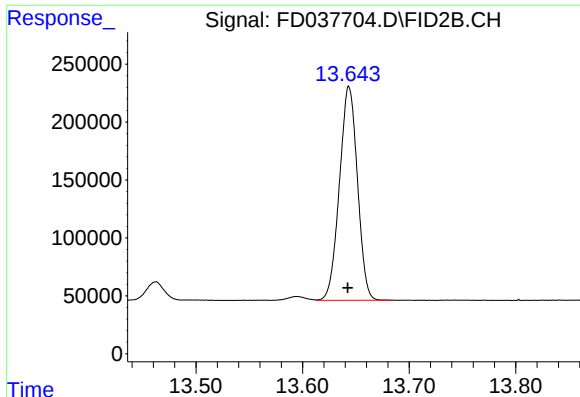
#11 n-Heneicosane (C21)

R.T.: 13.060 min
Delta R.T.: 0.001 min
Response: 2170380
Conc: 19.94 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.892 min
Delta R.T.: 0.001 min
Response: 1791257
Conc: 19.71 ug/ml



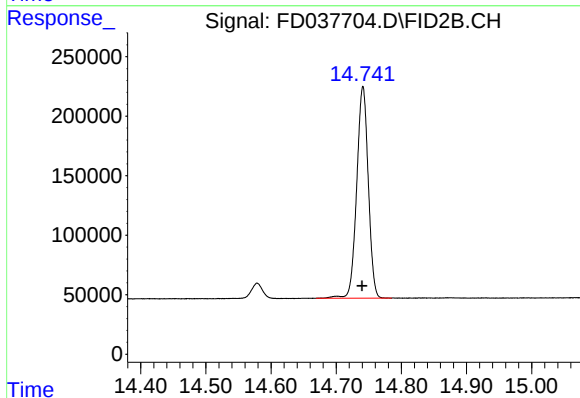
#13 n-Docosane (C22)

R.T.: 13.644 min
Delta R.T.: 0.001 min
Response: 2167627
Conc: 19.95 ug/ml

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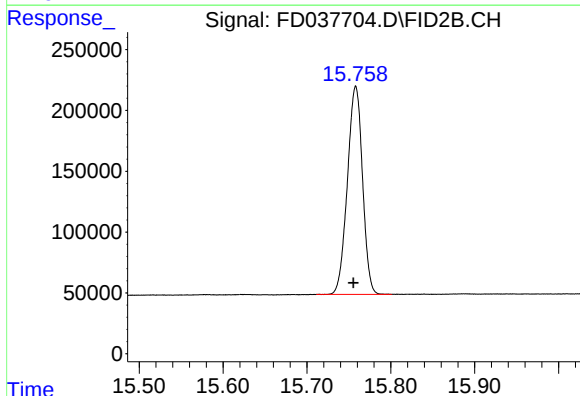
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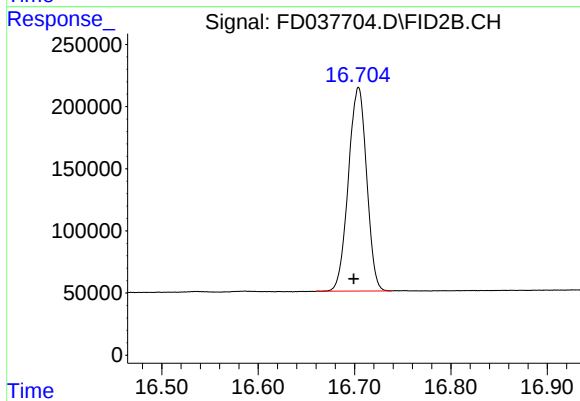
#14 n-Tetracosane (C24)

R.T.: 14.741 min
Delta R.T.: 0.001 min
Response: 2192781
Conc: 20.24 ug/ml



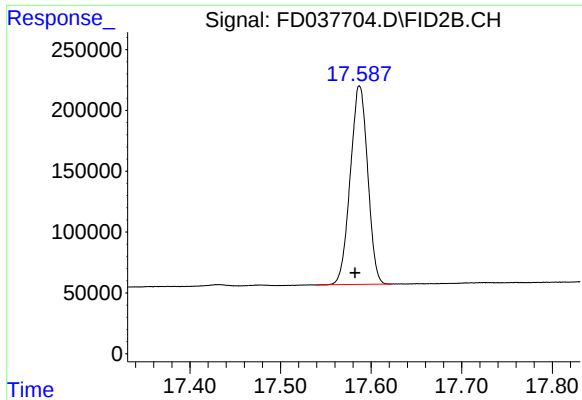
#15 n-Hexacosane (C26)

R.T.: 15.758 min
Delta R.T.: 0.003 min
Response: 2143600
Conc: 20.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.704 min
Delta R.T.: 0.005 min
Response: 2154524
Conc: 20.34 ug/ml



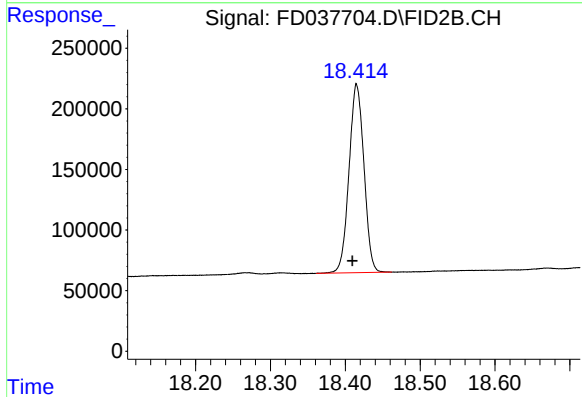
#17 n-Tricontane (C30)

R.T.: 17.587 min
Delta R.T.: 0.005 min
Response: 2180177
Conc: 20.71 ug/ml

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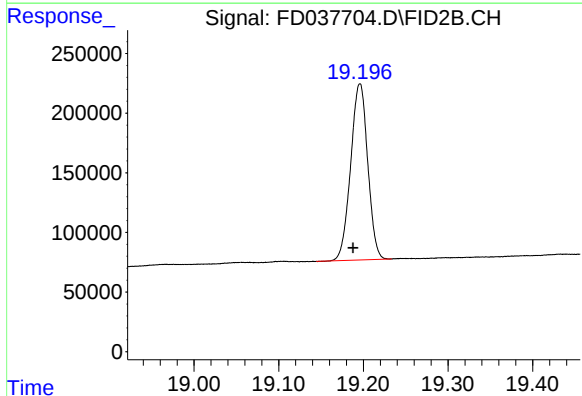
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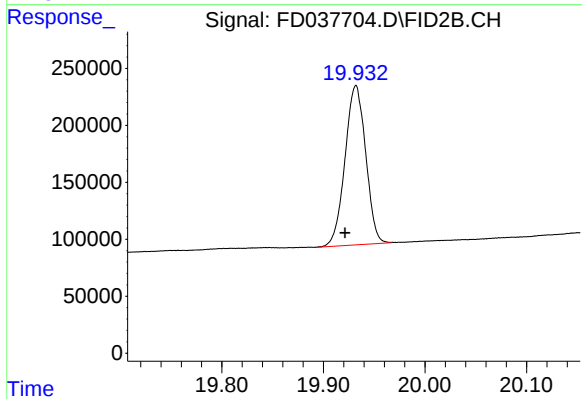
#18 n-Dotriacontane (C32)

R.T.: 18.415 min
Delta R.T.: 0.006 min
Response: 2154758
Conc: 20.69 ug/ml



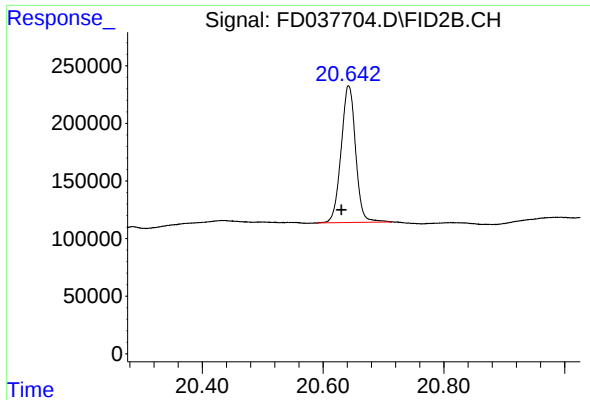
#19 n-Tetratriacontane (C34)

R.T.: 19.196 min
Delta R.T.: 0.008 min
Response: 2068857
Conc: 20.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.932 min
Delta R.T.: 0.010 min
Response: 1979543
Conc: 20.29 ug/ml m



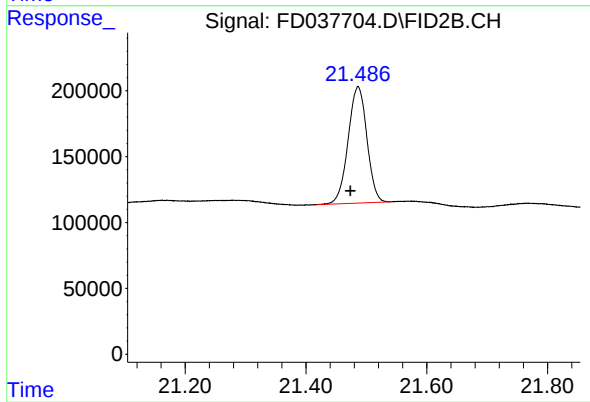
#21 n-Octatriacontane (C38)

R.T.: 20.642 min
Delta R.T.: 0.012 min
Response: 1972521
Conc: 21.46 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.486 min
Delta R.T.: 0.013 min
Response: 1908661
Conc: 19.82 ug/ml