

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103020AL\
 Data File : FC050465.D
 Signal(s) : FID1A.CH
 Acq On : 30 Oct 2020 15:55
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Ankita
 11/3/2020 9:18:00 AM

Integration File: sample.E
 Quant Time: Nov 02 00:33:52 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 100620.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 07 04:53:04 2020
 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)	11.619	2258488	20.149 ug/ml
Spiked Amount 50.000		Recovery =	40.30%
12) S 1-chlorooctadecane (S...	13.053	1741617	20.105 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
Target Compounds			
1) T n-Nonane (C9)	3.366	2093467	21.125 ug/ml
2) T n-Decane (C10)	4.437	2123084	21.325 ug/ml
3) T A~Naphthalene (C11.7)	6.030	2322892	21.075 ug/ml
4) T n-Dodecane (C12)	6.458	2147681	21.285 ug/ml
5) T A~2-methylnaphthalene...	7.088	2326515	20.902 ug/ml
6) T n-Tetradecane (C14)	8.254	2120430	21.166 ug/ml
7) T n-Hexadecane (C16)	9.856	2070410	21.007 ug/ml
8) T n-Octadecane (C18)	11.298	2144066	20.761 ug/ml
10) T n-Eicosane (C20)	12.608	2125638	20.428 ug/ml
11) T n-Heneicosane (C21)	13.219	2100240	20.211 ug/ml
13) T n-Docosane (C22)	13.806	2084568	20.082 ug/ml
14) T n-Tetracosane (C24)	14.908	2065439	19.885 ug/ml
15) T n-Hexacosane (C26)	15.928	2009129	19.497 ug/ml
16) T n-Octacosane (C28)	16.877	1992558	19.253 ug/ml
17) T n-Tricontane (C30)	17.764	1961589	19.222 ug/ml
18) T n-Dotriacontane (C32)	18.595	1850376	19.261 ug/ml
19) T n-Tetratriacontane (C34)	19.377	1753676	19.119 ug/ml
20) T n-Hexatriacontane (C36)	20.115	1702786	19.224 ug/mlm
21) T n-Octatriacontane (C38)	20.857	1586302	19.238 ug/ml
22) T n-Tetracontane (C40)	21.787	1640768	19.622 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

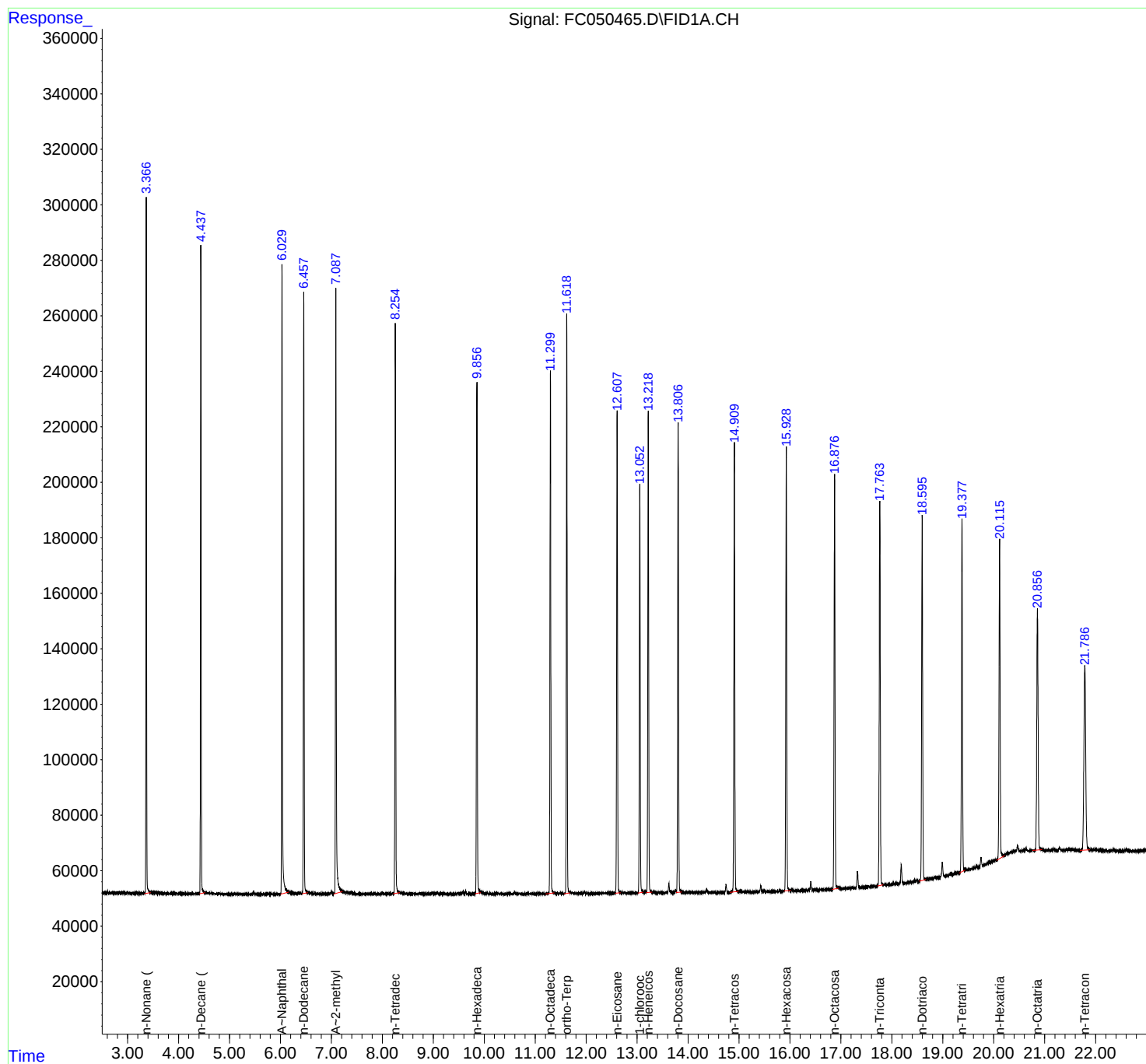
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

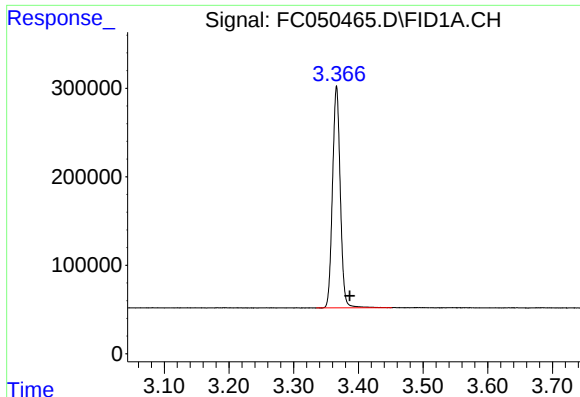
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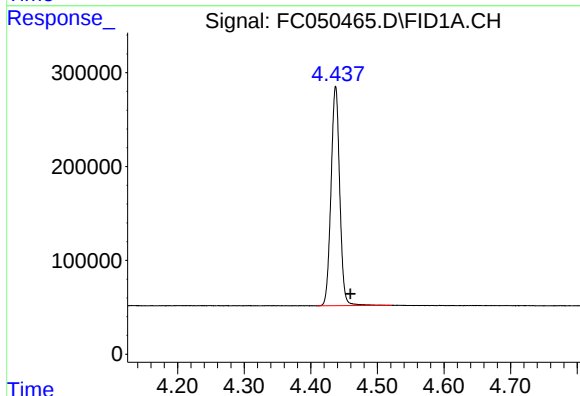
#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: -0.021 min
Response: 2093467
Conc: 21.13 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

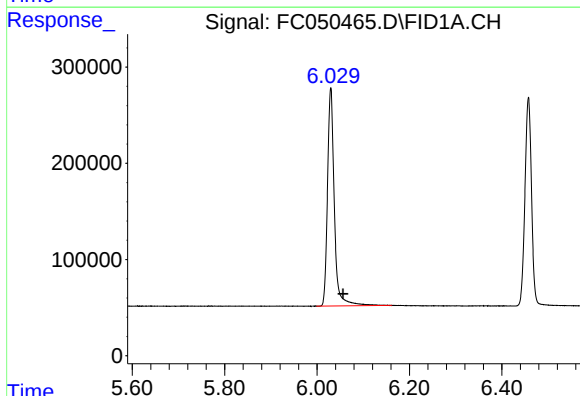
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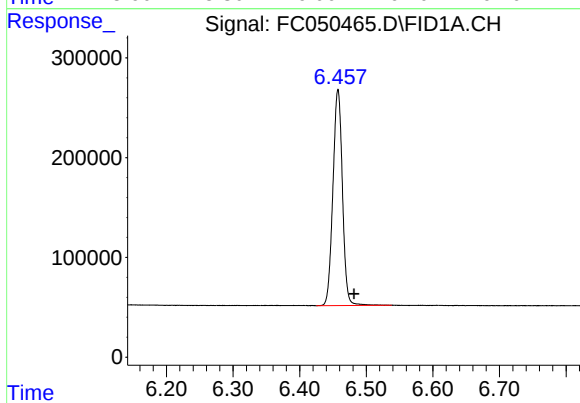
#2 n-Decane (C10)

R.T.: 4.437 min
Delta R.T.: -0.022 min
Response: 2123084
Conc: 21.32 ug/ml



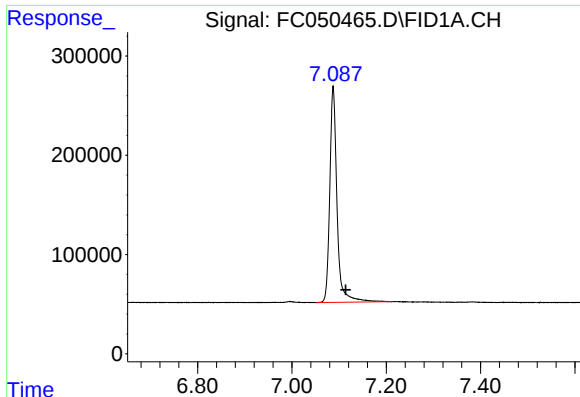
#3 A~Naphthalene (C11.7)

R.T.: 6.030 min
Delta R.T.: -0.026 min
Response: 2322892
Conc: 21.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.458 min
Delta R.T.: -0.024 min
Response: 2147681
Conc: 21.28 ug/ml



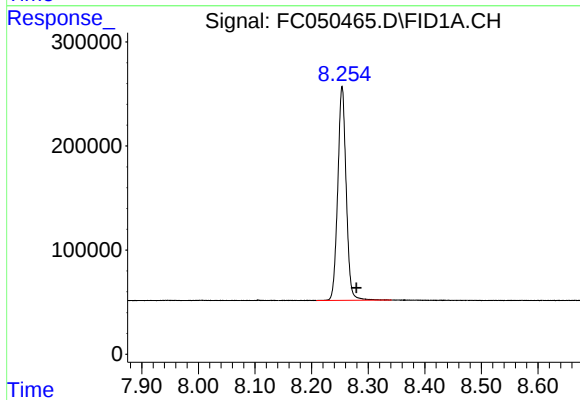
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.088 min
Delta R.T.: -0.027 min
Response: 2326515
Conc: 20.90 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

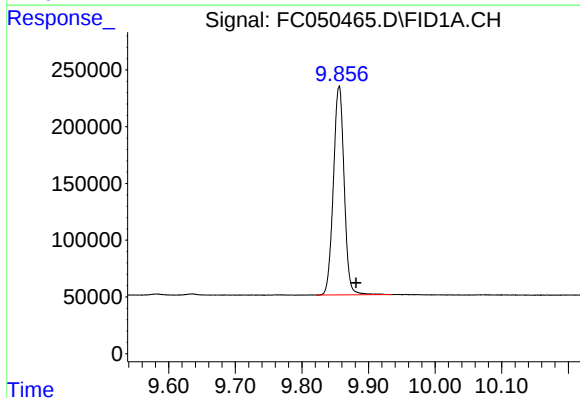
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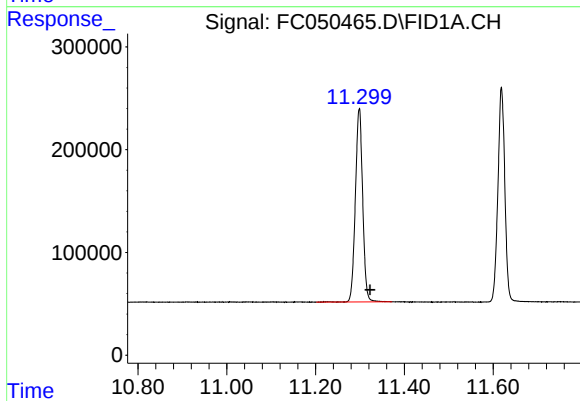
#6 n-Tetradecane (C14)

R.T.: 8.254 min
Delta R.T.: -0.025 min
Response: 2120430
Conc: 21.17 ug/ml



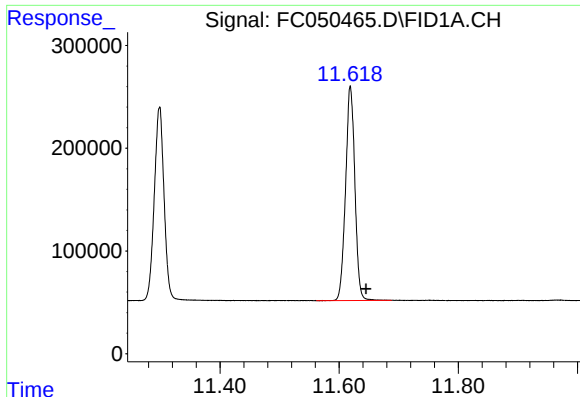
#7 n-Hexadecane (C16)

R.T.: 9.856 min
Delta R.T.: -0.026 min
Response: 2070410
Conc: 21.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.298 min
Delta R.T.: -0.025 min
Response: 2144066
Conc: 20.76 ug/ml



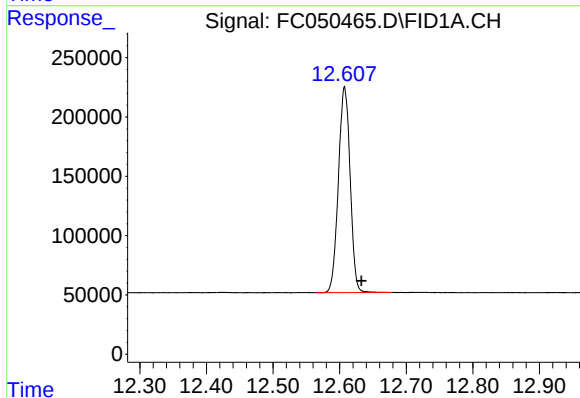
#9 ortho-Terphenyl (SURR)

R.T.: 11.619 min
Delta R.T.: -0.026 min
Response: 2258488
Conc: 20.15 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

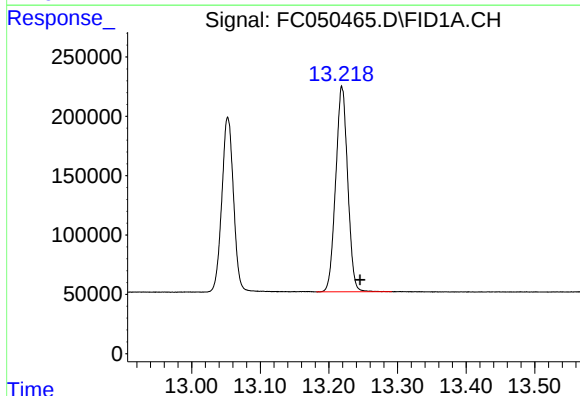
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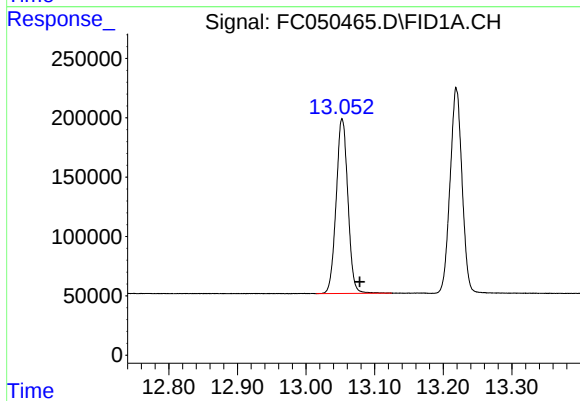
#10 n-Eicosane (C20)

R.T.: 12.608 min
Delta R.T.: -0.025 min
Response: 2125638
Conc: 20.43 ug/ml



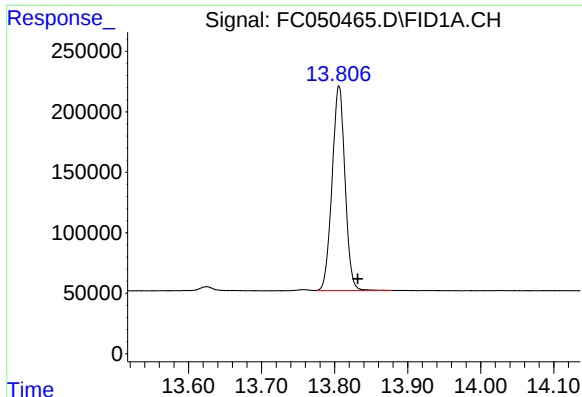
#11 n-Heneicosane (C21)

R.T.: 13.219 min
Delta R.T.: -0.026 min
Response: 2100240
Conc: 20.21 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.053 min
Delta R.T.: -0.026 min
Response: 1741617
Conc: 20.11 ug/ml



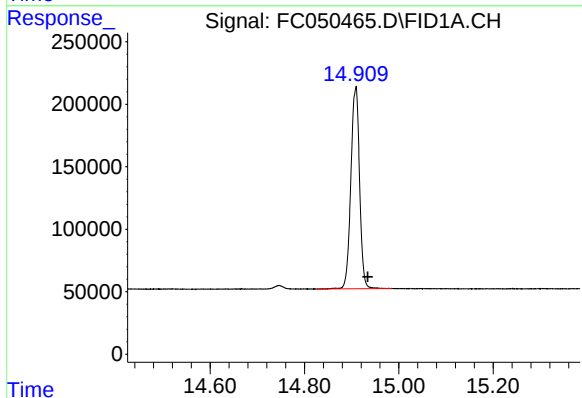
#13 n-Docosane (C22)

R.T.: 13.806 min
Delta R.T.: -0.026 min
Response: 2084568
Conc: 20.08 ug/ml

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20 PPM ALIPHATIC HC STD

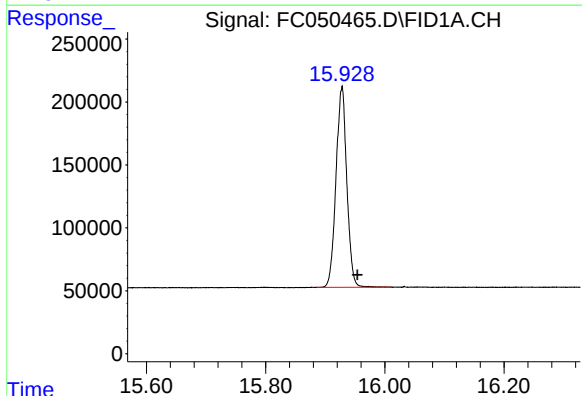
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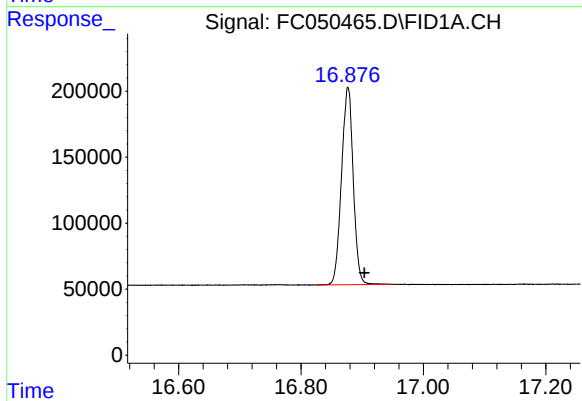
#14 n-Tetracosane (C24)

R.T.: 14.908 min
Delta R.T.: -0.026 min
Response: 2065439
Conc: 19.89 ug/ml



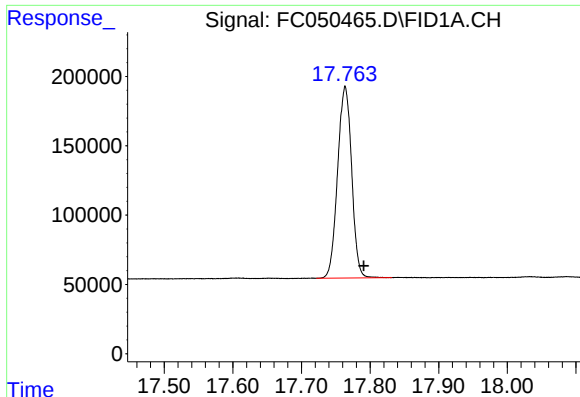
#15 n-Hexacosane (C26)

R.T.: 15.928 min
Delta R.T.: -0.026 min
Response: 2009129
Conc: 19.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.877 min
Delta R.T.: -0.027 min
Response: 1992558
Conc: 19.25 ug/ml



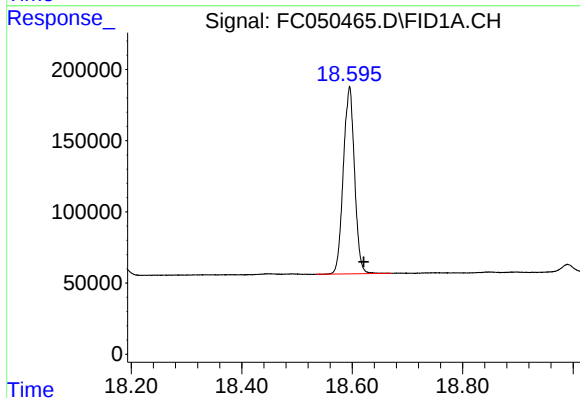
#17 n-Tricontane (C30)

R.T.: 17.764 min
Delta R.T.: -0.027 min
Response: 1961589
Conc: 19.22 ug/ml

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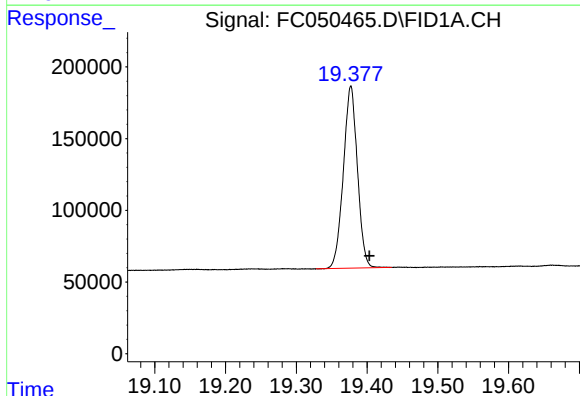
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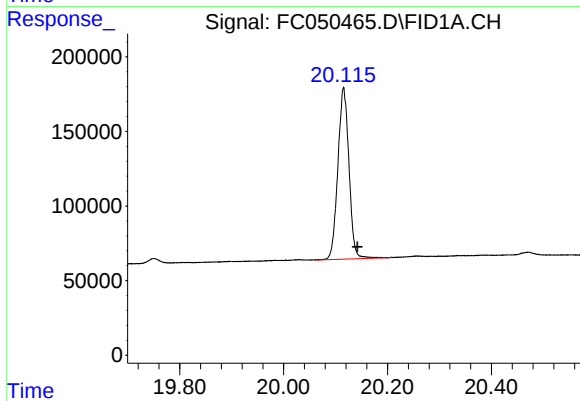
#18 n-Dotriacontane (C32)

R.T.: 18.595 min
Delta R.T.: -0.026 min
Response: 1850376
Conc: 19.26 ug/ml



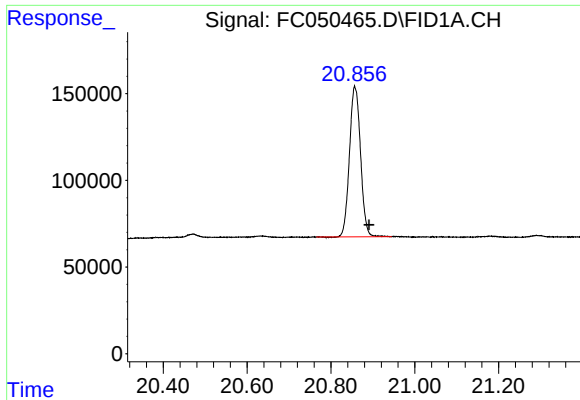
#19 n-Tetratriacontane (C34)

R.T.: 19.377 min
Delta R.T.: -0.026 min
Response: 1753676
Conc: 19.12 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.115 min
Delta R.T.: -0.027 min
Response: 1702786
Conc: 19.22 ug/ml m



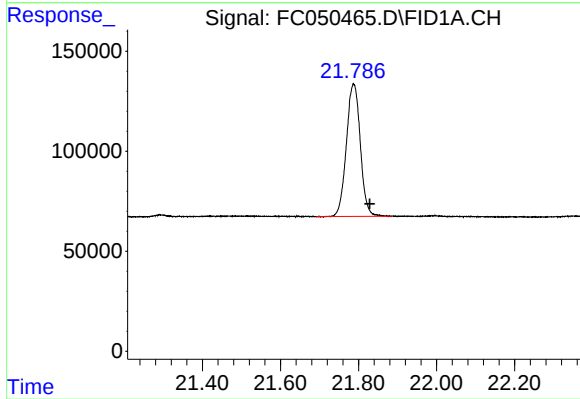
#21 n-Octatriacontane (C38)

R.T.: 20.857 min
Delta R.T.: -0.034 min
Response: 1586302
Conc: 19.24 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.787 min
Delta R.T.: -0.042 min
Response: 1640768
Conc: 19.62 ug/ml