

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100220AL\
 Data File : FC049897.D
 Signal(s) : FID1A.CH
 Acq On : 03 Oct 2020 3:33
 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
 10/5/2020 11:39:54 AM

Integration File: autoint1.e
 Quant Time: Oct 03 04:05:01 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 090820.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 09 05:58:47 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)	11.654	2008459	17.481 ug/ml
Spiked Amount 50.000		Recovery =	34.96%
12) S 1-chlorooctadecane (S...	13.087	1544550	17.340 ug/ml
Spiked Amount 50.000		Recovery =	34.68%
Target Compounds			
1) T n-Nonane (C9)	3.392	2012007	19.449 ug/ml
2) T n-Decane (C10)	4.465	2023091	19.478 ug/ml
3) T A~Naphthalene (C11.7)	6.062	2176580	18.930 ug/ml
4) T n-Dodecane (C12)	6.488	2025739	19.164 ug/ml
5) T A~2-methylnaphthalene...	7.121	2188565	18.719 ug/ml
6) T n-Tetradecane (C14)	8.286	1977226	18.742 ug/ml
7) T n-Hexadecane (C16)	9.889	1898724	18.245 ug/ml
8) T n-Octadecane (C18)	11.332	1934707	18.002 ug/ml
10) T n-Eicosane (C20)	12.641	1887034	17.623 ug/ml
11) T n-Heneicosane (C21)	13.253	1854249	17.424 ug/ml
13) T n-Docosane (C22)	13.839	1837010	17.359 ug/ml
14) T n-Tetracosane (C24)	14.942	1804516	17.245 ug/ml
15) T n-Hexacosane (C26)	15.962	1764081	17.256 ug/ml
16) T n-Octacosane (C28)	16.911	1763124	17.544 ug/ml
17) T n-Tricontane (C30)	17.798	1779760	18.279 ug/ml
18) T n-Dotriacontane (C32)	18.631	1712438	18.951 ug/mlm
19) T n-Tetratriacontane (C34)	19.411	1626310	18.998 ug/mlm
20) T n-Hexatriacontane (C36)	20.149	1602997	19.897 ug/mlm
21) T n-Octatriacontane (C38)	20.901	1635342	21.601 ug/mlm
22) T n-Tetracontane (C40)	21.844	1607985	20.665 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : 20 PPM ALIPHATIC HC STD
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ALS Vial : 2 Sample Multiplier: 1

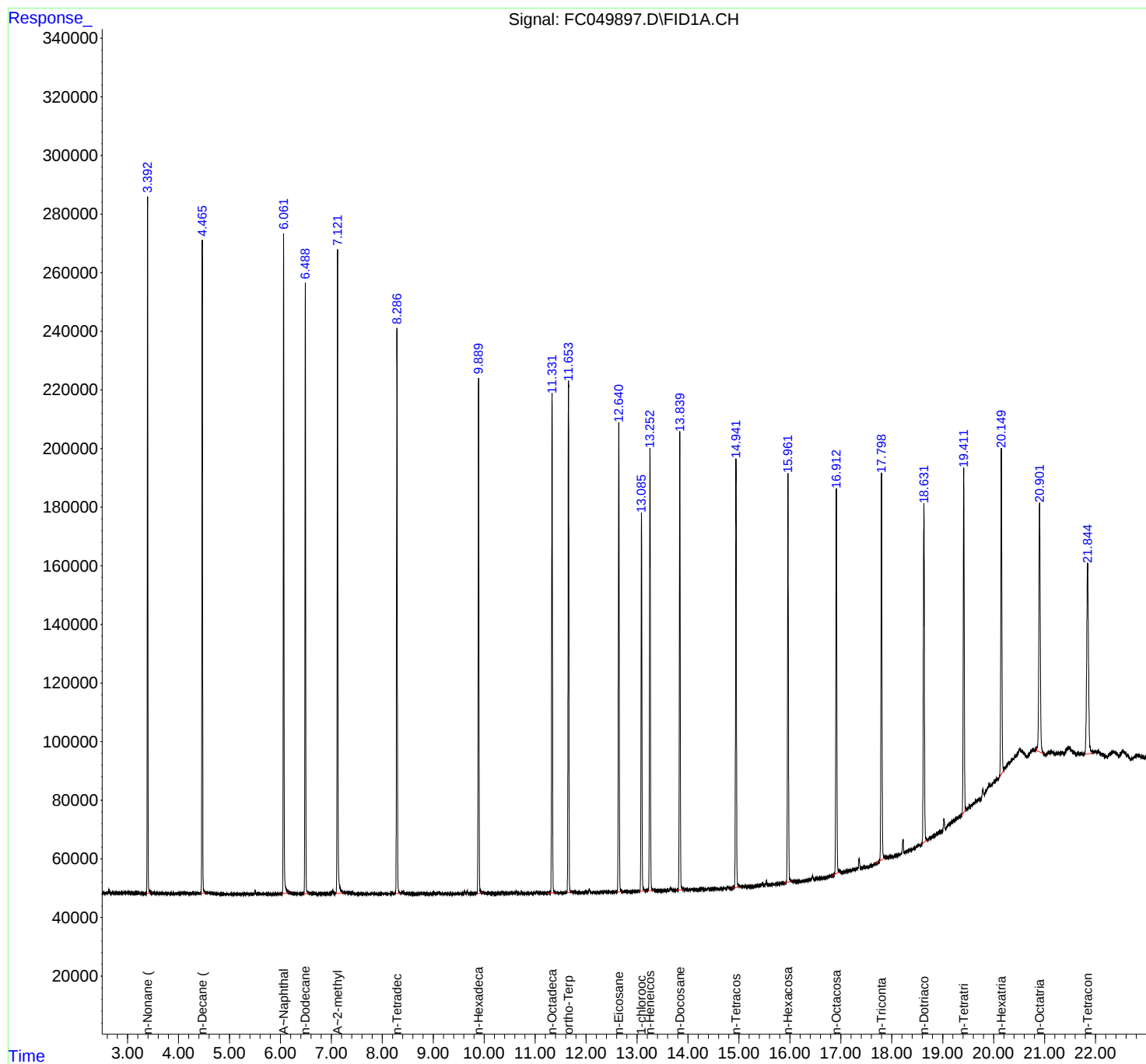
Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD

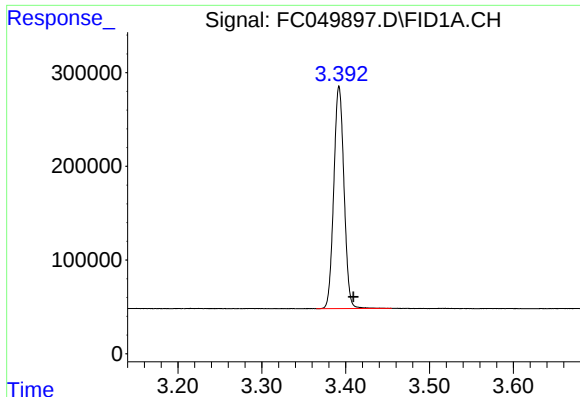
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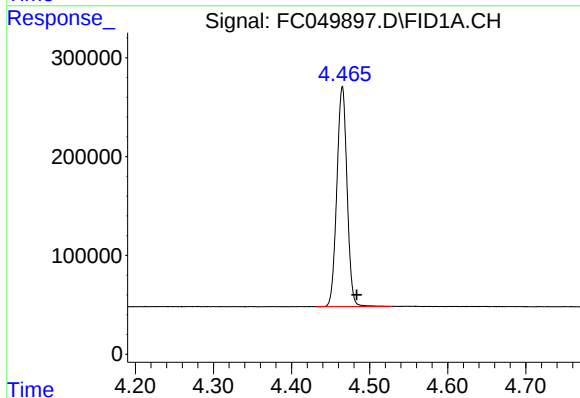
#1 n-Nonane (C9)

R.T.: 3.392 min
Delta R.T.: -0.017 min
Response: 2012007
Conc: 19.45 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

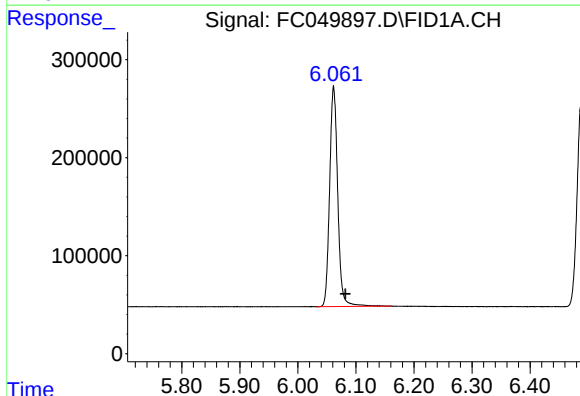
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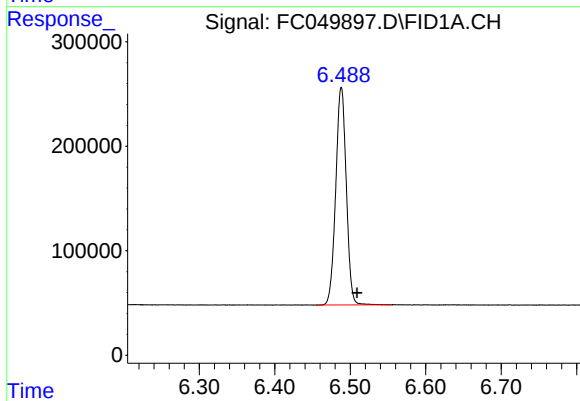
#2 n-Decane (C10)

R.T.: 4.465 min
Delta R.T.: -0.018 min
Response: 2023091
Conc: 19.48 ug/ml



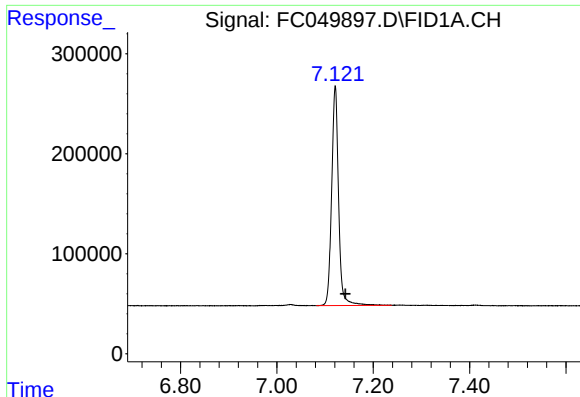
#3 A~Naphthalene (C11.7)

R.T.: 6.062 min
Delta R.T.: -0.020 min
Response: 2176580
Conc: 18.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.488 min
Delta R.T.: -0.021 min
Response: 2025739
Conc: 19.16 ug/ml



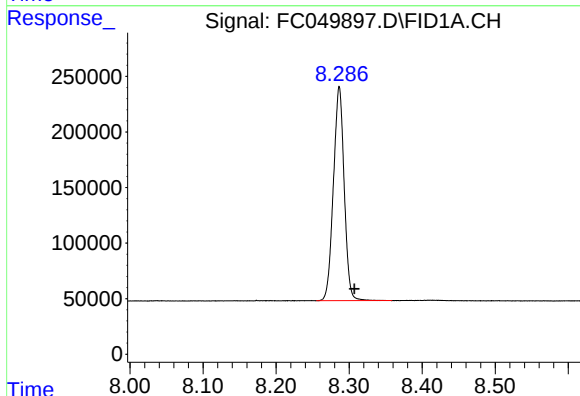
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.121 min
Delta R.T.: -0.022 min
Response: 2188565
Conc: 18.72 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

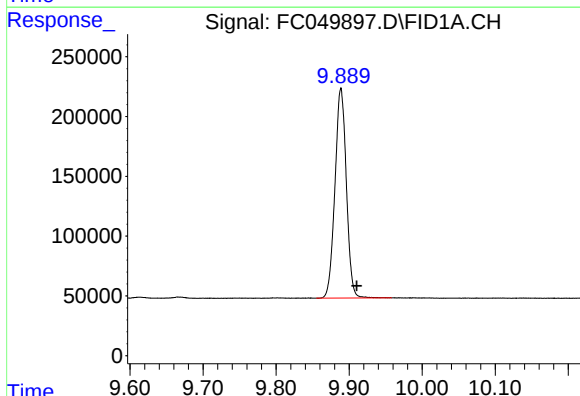
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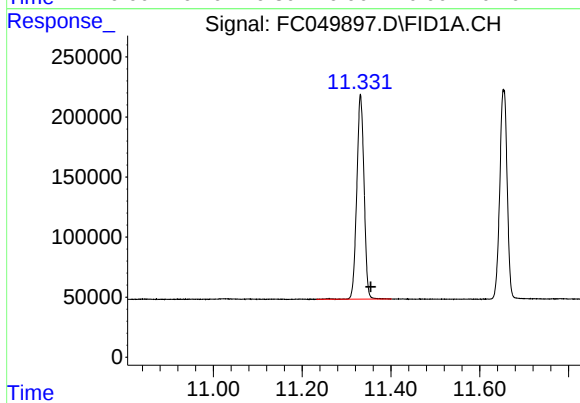
#6 n-Tetradecane (C14)

R.T.: 8.286 min
Delta R.T.: -0.021 min
Response: 1977226
Conc: 18.74 ug/ml



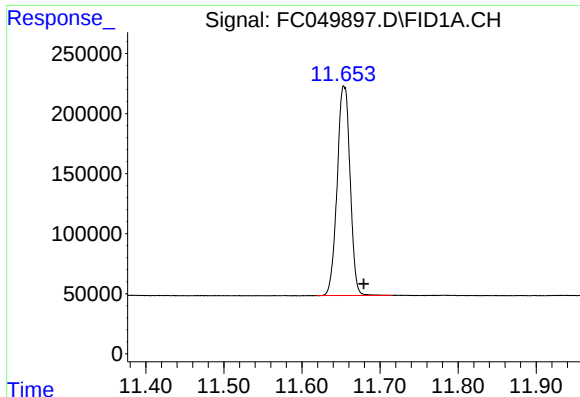
#7 n-Hexadecane (C16)

R.T.: 9.889 min
Delta R.T.: -0.021 min
Response: 1898724
Conc: 18.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.332 min
Delta R.T.: -0.023 min
Response: 1934707
Conc: 18.00 ug/ml



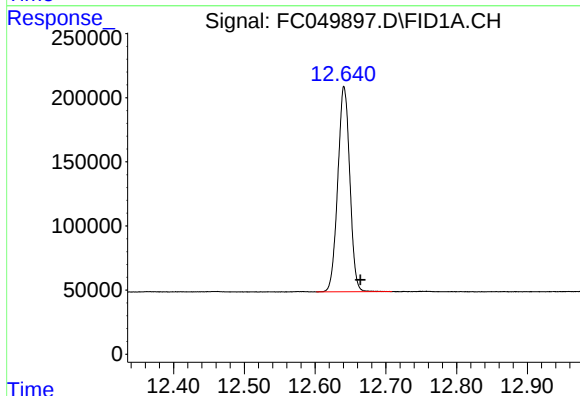
#9 ortho-Terphenyl (SURR)

R.T.: 11.654 min
Delta R.T.: -0.025 min
Response: 2008459
Conc: 17.48 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

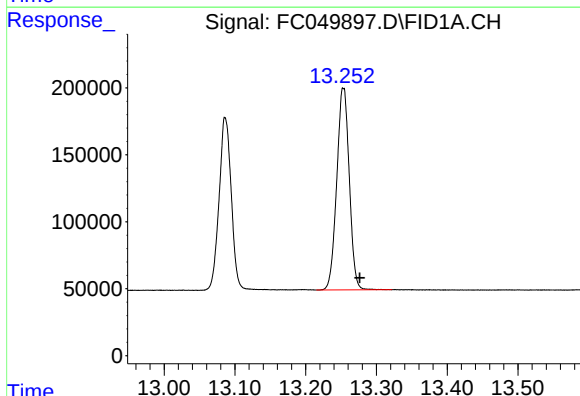
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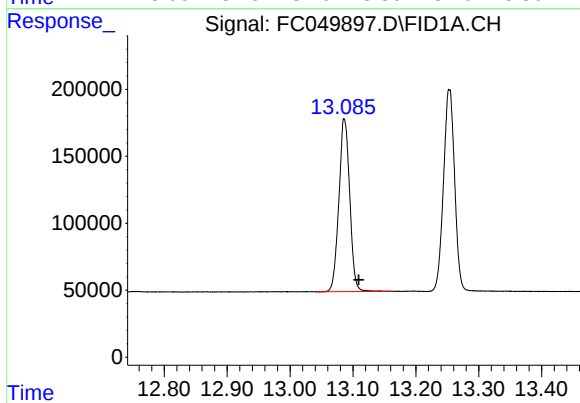
#10 n-Eicosane (C20)

R.T.: 12.641 min
Delta R.T.: -0.023 min
Response: 1887034
Conc: 17.62 ug/ml



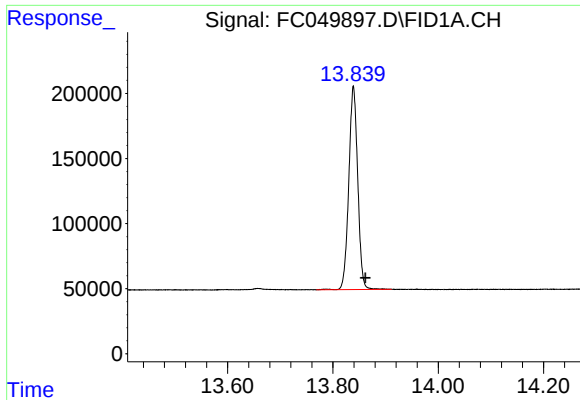
#11 n-Heneicosane (C21)

R.T.: 13.253 min
Delta R.T.: -0.023 min
Response: 1854249
Conc: 17.42 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.087 min
Delta R.T.: -0.023 min
Response: 1544550
Conc: 17.34 ug/ml



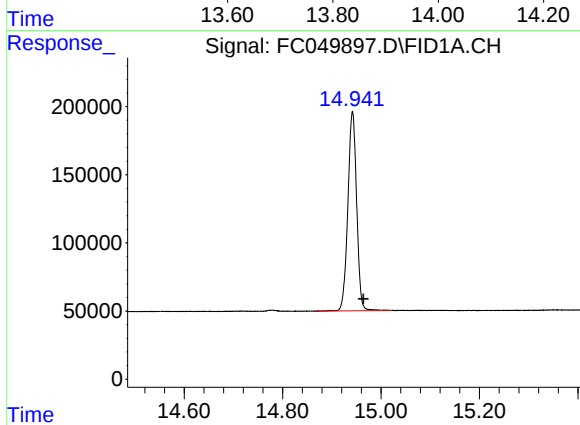
#13 n-Docosane (C22)

R.T.: 13.839 min
Delta R.T.: -0.023 min
Response: 1837010
Conc: 17.36 ug/ml

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20 PPM ALIPHATIC HC STD

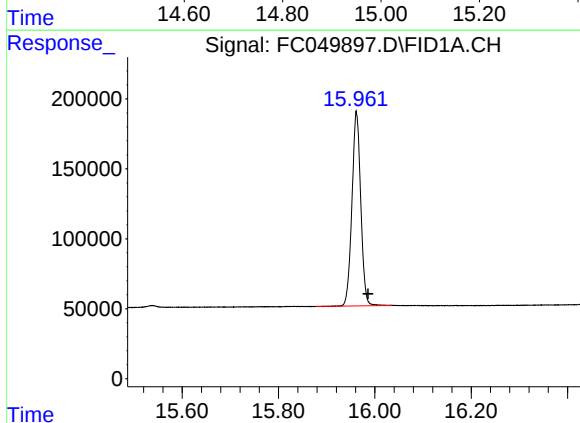
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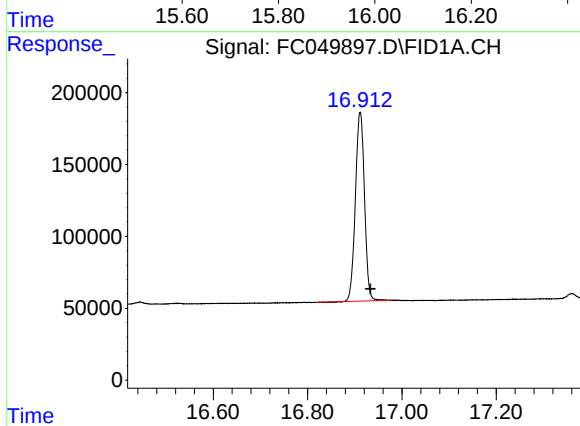
#14 n-Tetracosane (C24)

R.T.: 14.942 min
Delta R.T.: -0.022 min
Response: 1804516
Conc: 17.24 ug/ml



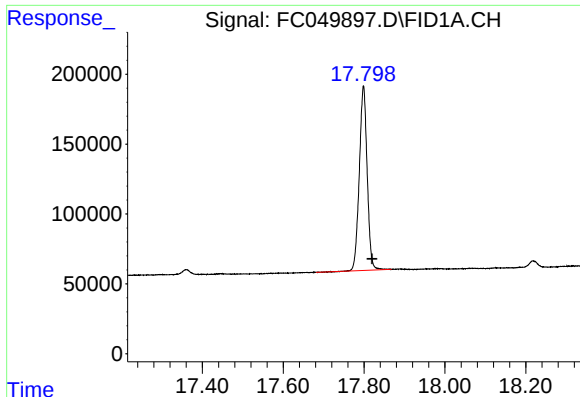
#15 n-Hexacosane (C26)

R.T.: 15.962 min
Delta R.T.: -0.024 min
Response: 1764081
Conc: 17.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.911 min
Delta R.T.: -0.022 min
Response: 1763124
Conc: 17.54 ug/ml



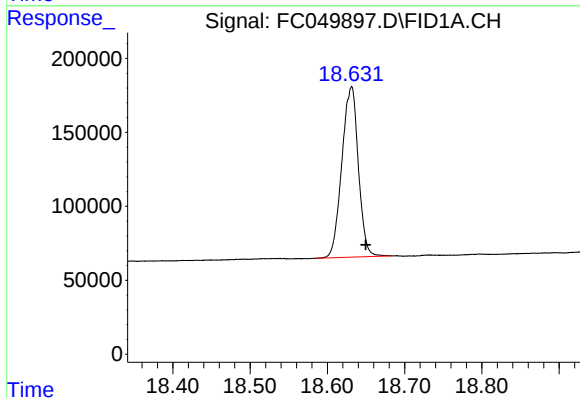
#17 n-Tricontane (C30)

R.T.: 17.798 min
Delta R.T.: -0.021 min
Response: 1779760
Conc: 18.28 ug/ml

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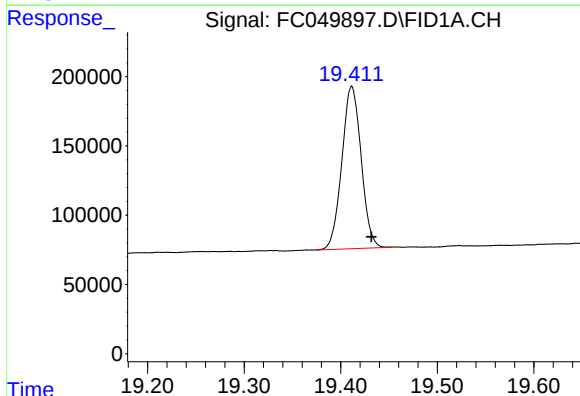
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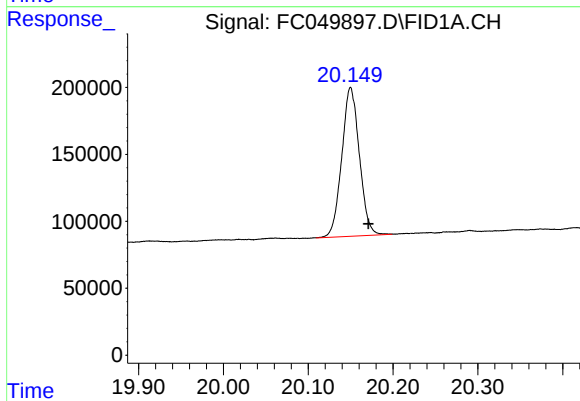
#18 n-Dotriacontane (C32)

R.T.: 18.631 min
Delta R.T.: -0.019 min
Response: 1712438
Conc: 18.95 ug/ml m



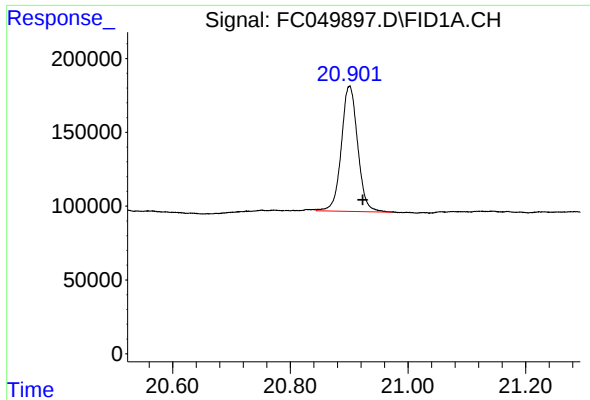
#19 n-Tetratriacontane (C34)

R.T.: 19.411 min
Delta R.T.: -0.021 min
Response: 1626310
Conc: 19.00 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.149 min
Delta R.T.: -0.022 min
Response: 1602997
Conc: 19.90 ug/ml m



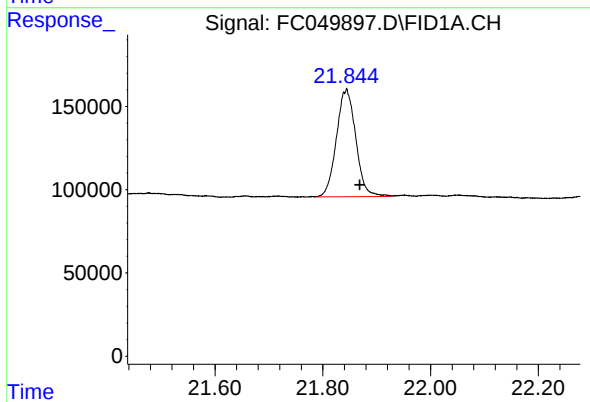
#21 n-Octatriacontane (C38)

R.T.: 20.901 min
Delta R.T.: -0.022 min
Response: 1635342
Conc: 21.60 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.844 min
Delta R.T.: -0.025 min
Response: 1607985
Conc: 20.67 ug/ml m