

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102920AL\
 Data File : FC050425.D
 Signal(s) : FID1A.CH
 Acq On : 29 Oct 2020 14:53
 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

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 10/30/2020 3:56:36 PM

Integration File: autoint1.e
 Quant Time: Oct 30 03:50:35 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)	11.625	2195245	19.584 ug/ml
Spiked Amount 50.000		Recovery =	39.17%
12) S 1-chlorooctadecane (S...	13.059	1697032	19.591 ug/ml
Spiked Amount 50.000		Recovery =	39.18%
Target Compounds			
1) T n-Nonane (C9)	3.370	2090053	21.091 ug/ml
2) T n-Decane (C10)	4.441	2109629	21.189 ug/ml
3) T A~Naphthalene (C11.7)	6.035	2291140	20.787 ug/ml
4) T n-Dodecane (C12)	6.463	2125511	21.065 ug/ml
5) T A~2-methylnaphthalene...	7.093	2302894	20.690 ug/ml
6) T n-Tetradecane (C14)	8.260	2099326	20.955 ug/ml
7) T n-Hexadecane (C16)	9.862	2038059	20.679 ug/ml
8) T n-Octadecane (C18)	11.304	2097400	20.309 ug/ml
10) T n-Eicosane (C20)	12.614	2069339	19.887 ug/ml
11) T n-Heneicosane (C21)	13.225	2043850	19.668 ug/ml
13) T n-Docosane (C22)	13.812	2025665	19.514 ug/ml
14) T n-Tetracosane (C24)	14.914	2001966	19.274 ug/ml
15) T n-Hexacosane (C26)	15.934	1948576	18.910 ug/ml
16) T n-Octacosane (C28)	16.883	1940916	18.754 ug/ml
17) T n-Tricontane (C30)	17.770	1902267	18.641 ug/ml
18) T n-Dotriacontane (C32)	18.602	1798128	18.717 ug/mlm
19) T n-Tetratriacontane (C34)	19.382	1719581	18.747 ug/mlm
20) T n-Hexatriacontane (C36)	20.120	1655552	18.691 ug/mlm
21) T n-Octatriacontane (C38)	20.866	1592567	19.314 ug/ml
22) T n-Tetracontane (C40)	21.798	1609150	19.243 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 29 Oct 2020 14:53
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

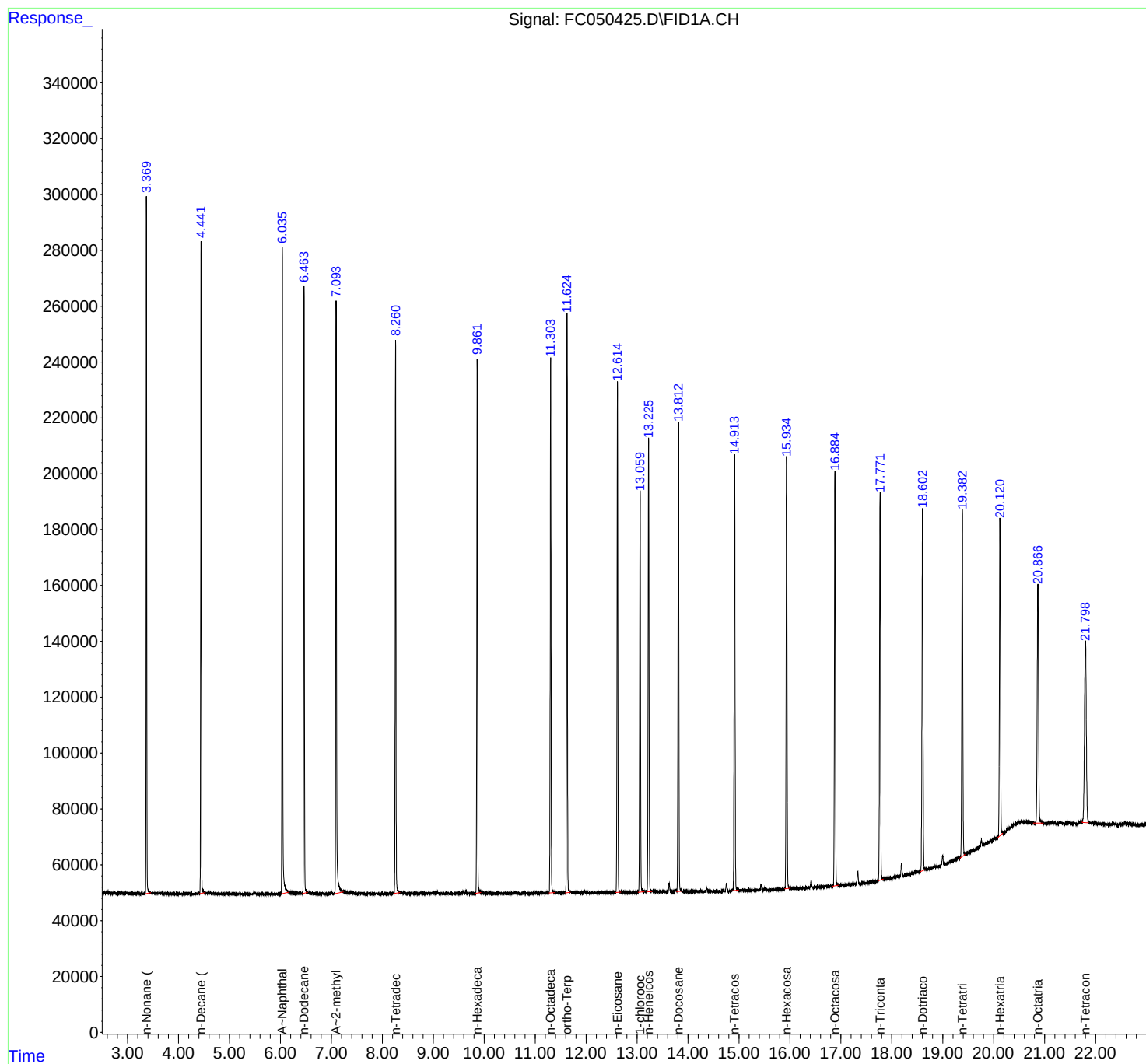
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

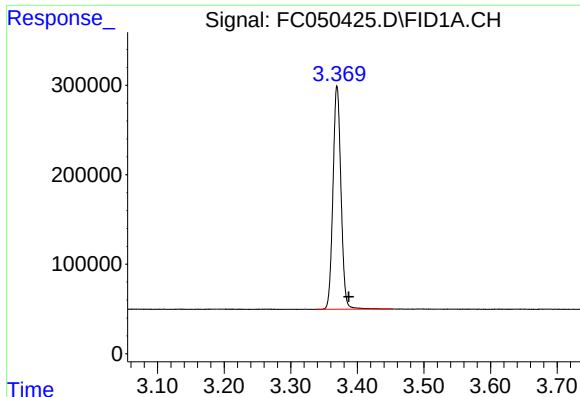
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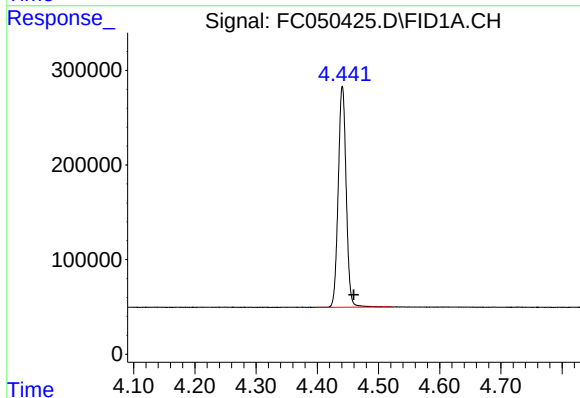
#1 n-Nonane (C9)

R.T.: 3.370 min
Delta R.T.: -0.017 min
Response: 2090053
Conc: 21.09 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

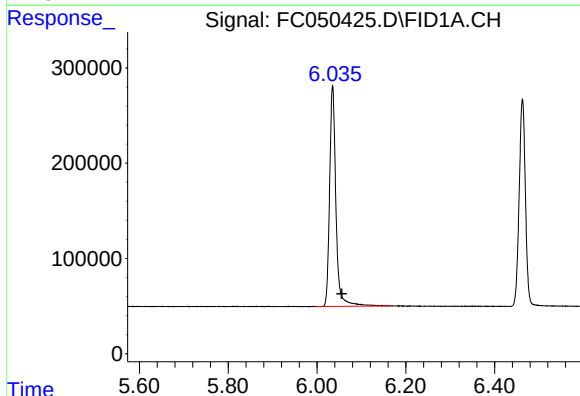
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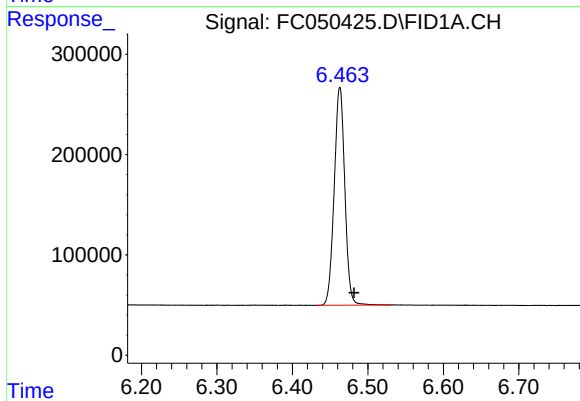
#2 n-Decane (C10)

R.T.: 4.441 min
Delta R.T.: -0.019 min
Response: 2109629
Conc: 21.19 ug/ml



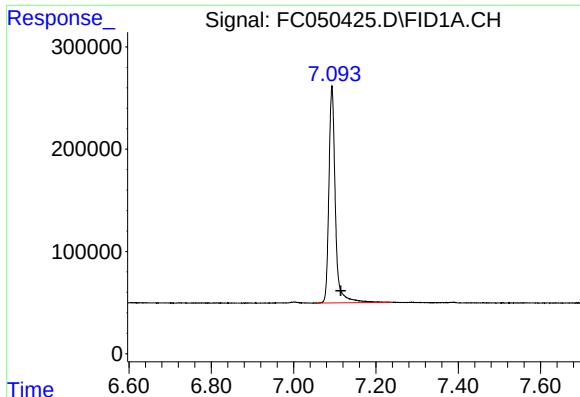
#3 A~Naphthalene (C11.7)

R.T.: 6.035 min
Delta R.T.: -0.021 min
Response: 2291140
Conc: 20.79 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.463 min
Delta R.T.: -0.019 min
Response: 2125511
Conc: 21.07 ug/ml



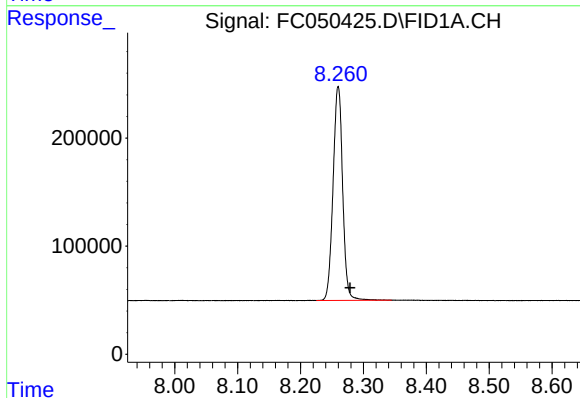
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.093 min
Delta R.T.: -0.021 min
Response: 2302894
Conc: 20.69 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

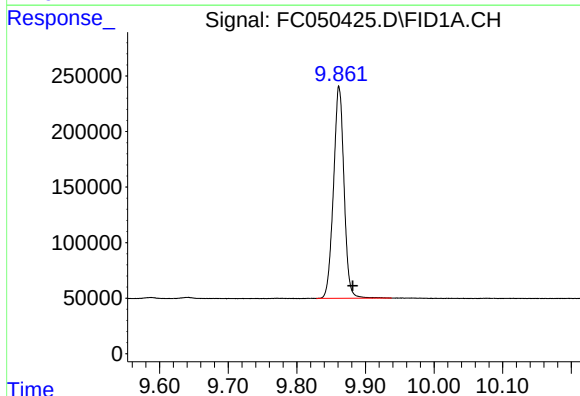
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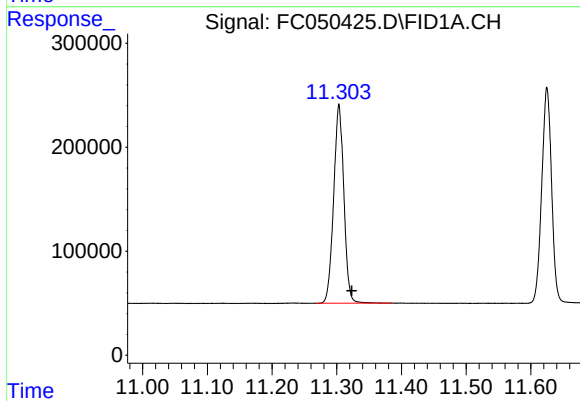
#6 n-Tetradecane (C14)

R.T.: 8.260 min
Delta R.T.: -0.019 min
Response: 2099326
Conc: 20.96 ug/ml



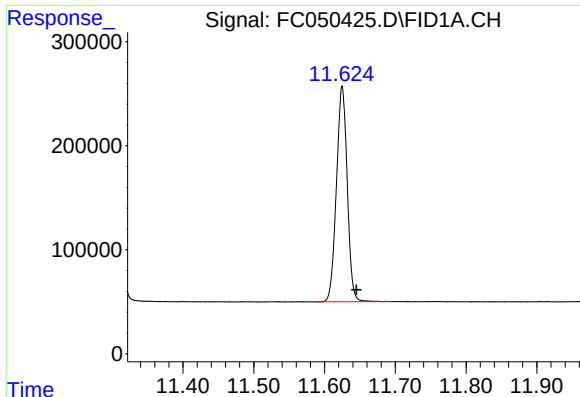
#7 n-Hexadecane (C16)

R.T.: 9.862 min
Delta R.T.: -0.020 min
Response: 2038059
Conc: 20.68 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.304 min
Delta R.T.: -0.020 min
Response: 2097400
Conc: 20.31 ug/ml



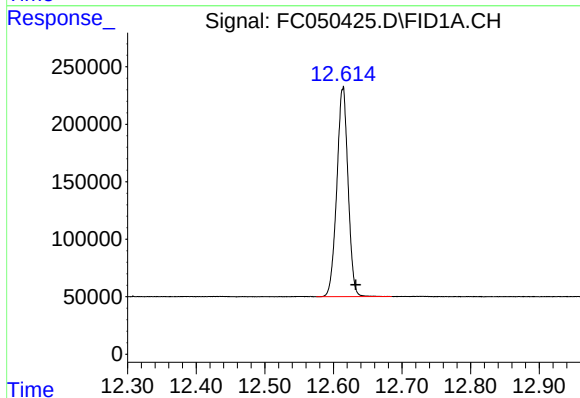
#9 ortho-Terphenyl (SURR)

R.T.: 11.625 min
Delta R.T.: -0.020 min
Response: 2195245
Conc: 19.58 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

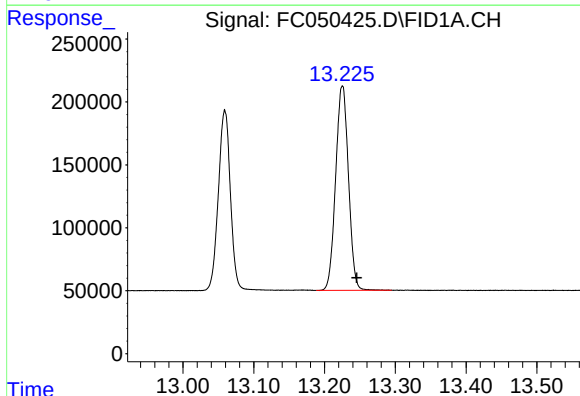
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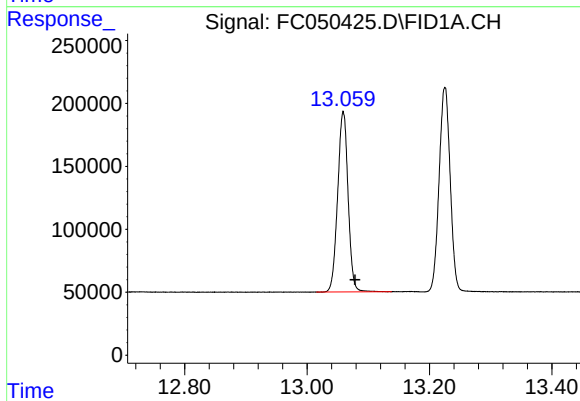
#10 n-Eicosane (C20)

R.T.: 12.614 min
Delta R.T.: -0.019 min
Response: 2069339
Conc: 19.89 ug/ml



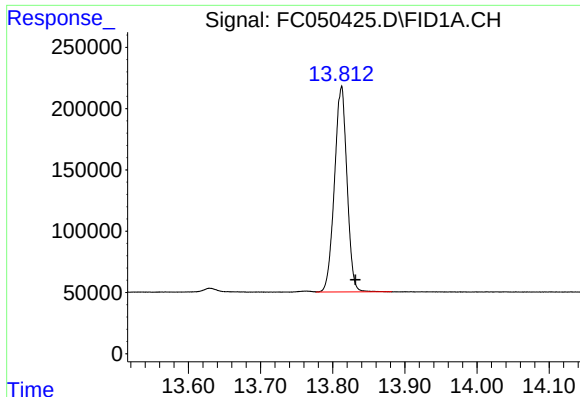
#11 n-Heneicosane (C21)

R.T.: 13.225 min
Delta R.T.: -0.020 min
Response: 2043850
Conc: 19.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.059 min
Delta R.T.: -0.019 min
Response: 1697032
Conc: 19.59 ug/ml



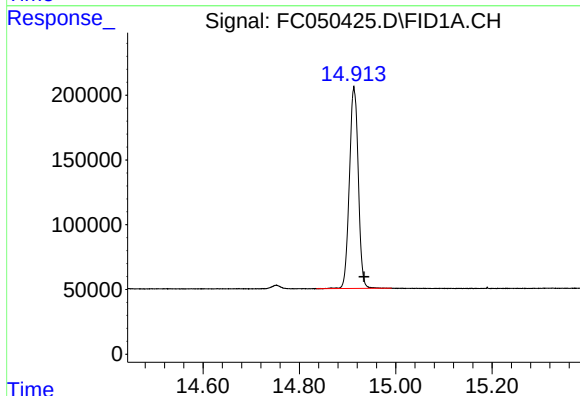
#13 n-Docosane (C22)

R.T.: 13.812 min
Delta R.T.: -0.020 min
Response: 2025665
Conc: 19.51 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

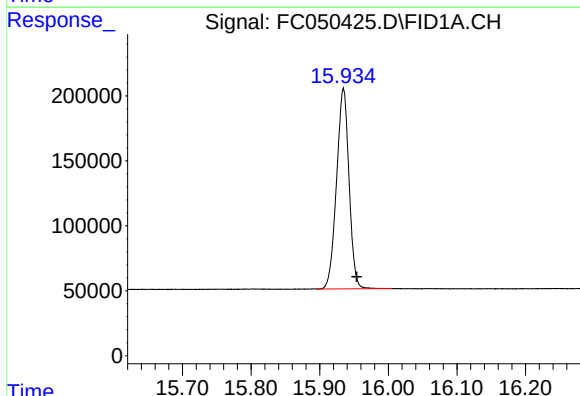
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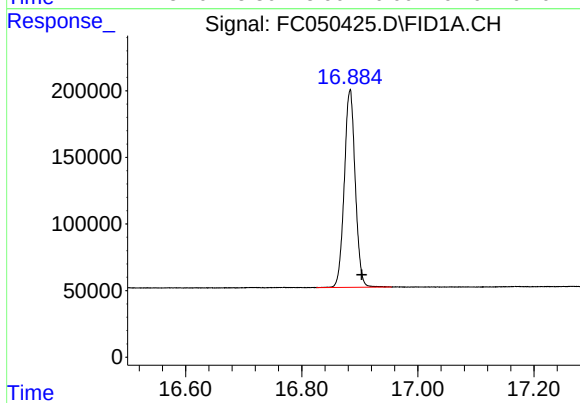
#14 n-Tetracosane (C24)

R.T.: 14.914 min
Delta R.T.: -0.021 min
Response: 2001966
Conc: 19.27 ug/ml



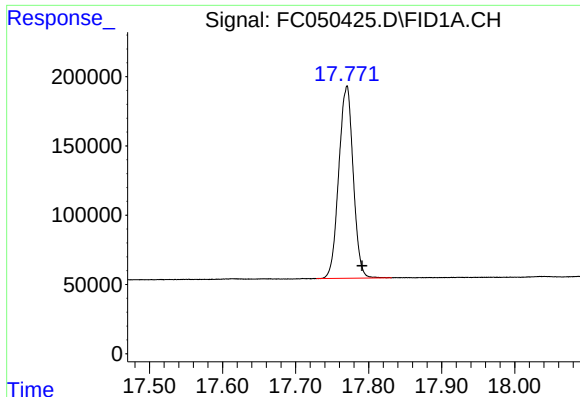
#15 n-Hexacosane (C26)

R.T.: 15.934 min
Delta R.T.: -0.020 min
Response: 1948576
Conc: 18.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.883 min
Delta R.T.: -0.020 min
Response: 1940916
Conc: 18.75 ug/ml



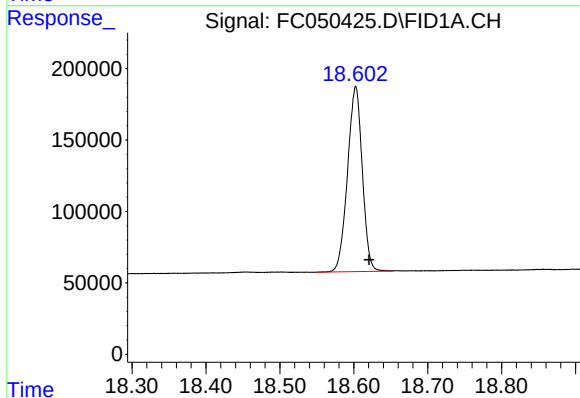
#17 n-Tricontane (C30)

R.T.: 17.770 min
Delta R.T.: -0.021 min
Response: 1902267
Conc: 18.64 ug/ml

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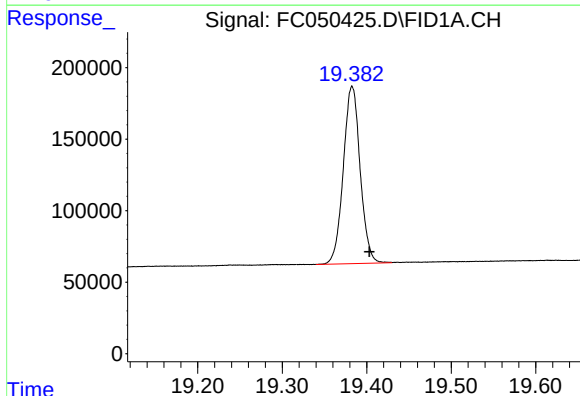
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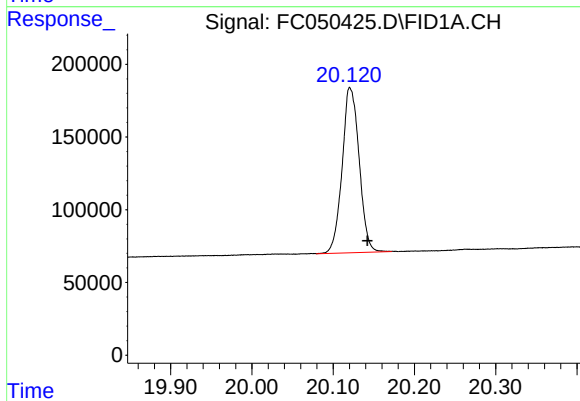
#18 n-Dotriacontane (C32)

R.T.: 18.602 min
Delta R.T.: -0.019 min
Response: 1798128
Conc: 18.72 ug/ml m



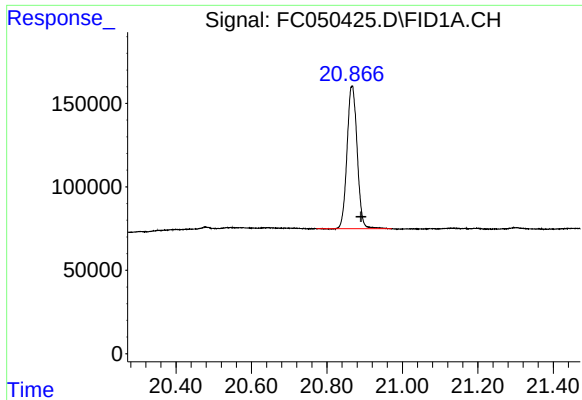
#19 n-Tetratriacontane (C34)

R.T.: 19.382 min
Delta R.T.: -0.021 min
Response: 1719581
Conc: 18.75 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.120 min
Delta R.T.: -0.022 min
Response: 1655552
Conc: 18.69 ug/ml m



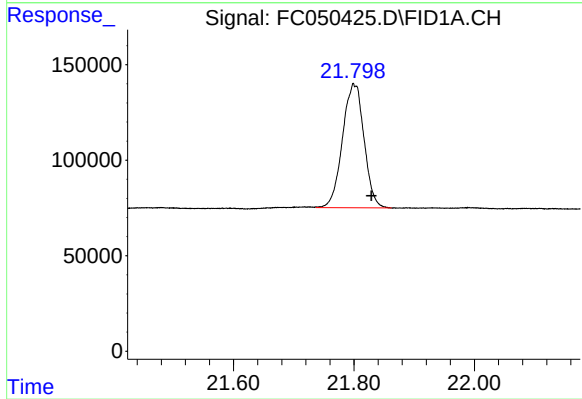
#21 n-Octatriacontane (C38)

R.T.: 20.866 min
Delta R.T.: -0.025 min
Response: 1592567
Conc: 19.31 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.798 min
Delta R.T.: -0.031 min
Response: 1609150
Conc: 19.24 ug/ml m