

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100220AL\
 Data File : FC049919.D
 Signal(s) : FID1A.CH
 Acq On : 03 Oct 2020 17:47
 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 11:40:18 AM

Integration File: autoint1.e
 Quant Time: Oct 05 00:36:51 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)	11.653	2007014	17.468 ug/ml
Spiked Amount 50.000		Recovery =	34.94%
12) S 1-chlorooctadecane (S...	13.086	1544654	17.342 ug/ml
Spiked Amount 50.000		Recovery =	34.68%
Target Compounds			
1) T n-Nonane (C9)	3.392	2060958	19.922 ug/ml
2) T n-Decane (C10)	4.464	2067254	19.903 ug/ml
3) T A~Naphthalene (C11.7)	6.060	2201334	19.146 ug/ml
4) T n-Dodecane (C12)	6.487	2054086	19.432 ug/ml
5) T A~2-methylnaphthalene...	7.119	2194609	18.771 ug/ml
6) T n-Tetradecane (C14)	8.284	1988432	18.848 ug/ml
7) T n-Hexadecane (C16)	9.887	1898663	18.244 ug/ml
8) T n-Octadecane (C18)	11.329	1927586	17.936 ug/ml
10) T n-Eicosane (C20)	12.639	1886550	17.618 ug/ml
11) T n-Heneicosane (C21)	13.252	1823296	17.133 ug/ml
13) T n-Docosane (C22)	13.837	1835566	17.346 ug/ml
14) T n-Tetracosane (C24)	14.940	1821992	17.412 ug/ml
15) T n-Hexacosane (C26)	15.961	1789040	17.501 ug/ml
16) T n-Octacosane (C28)	16.909	1784948	17.761 ug/ml
17) T n-Tricontane (C30)	17.797	1806688	18.556 ug/ml
18) T n-Dotriacontane (C32)	18.627	1758953	19.466 ug/mlm
19) T n-Tetratriacontane (C34)	19.409	1683951	19.672 ug/mlm
20) T n-Hexatriacontane (C36)	20.148	1634351	20.286 ug/mlm
21) T n-Octatriacontane (C38)	20.898	1584960	20.936 ug/ml
22) T n-Tetracontane (C40)	21.838	1585605	20.378 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100220AL\
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Signal(s) : FID1A.CH
Acq On : 03 Oct 2020 17:47
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

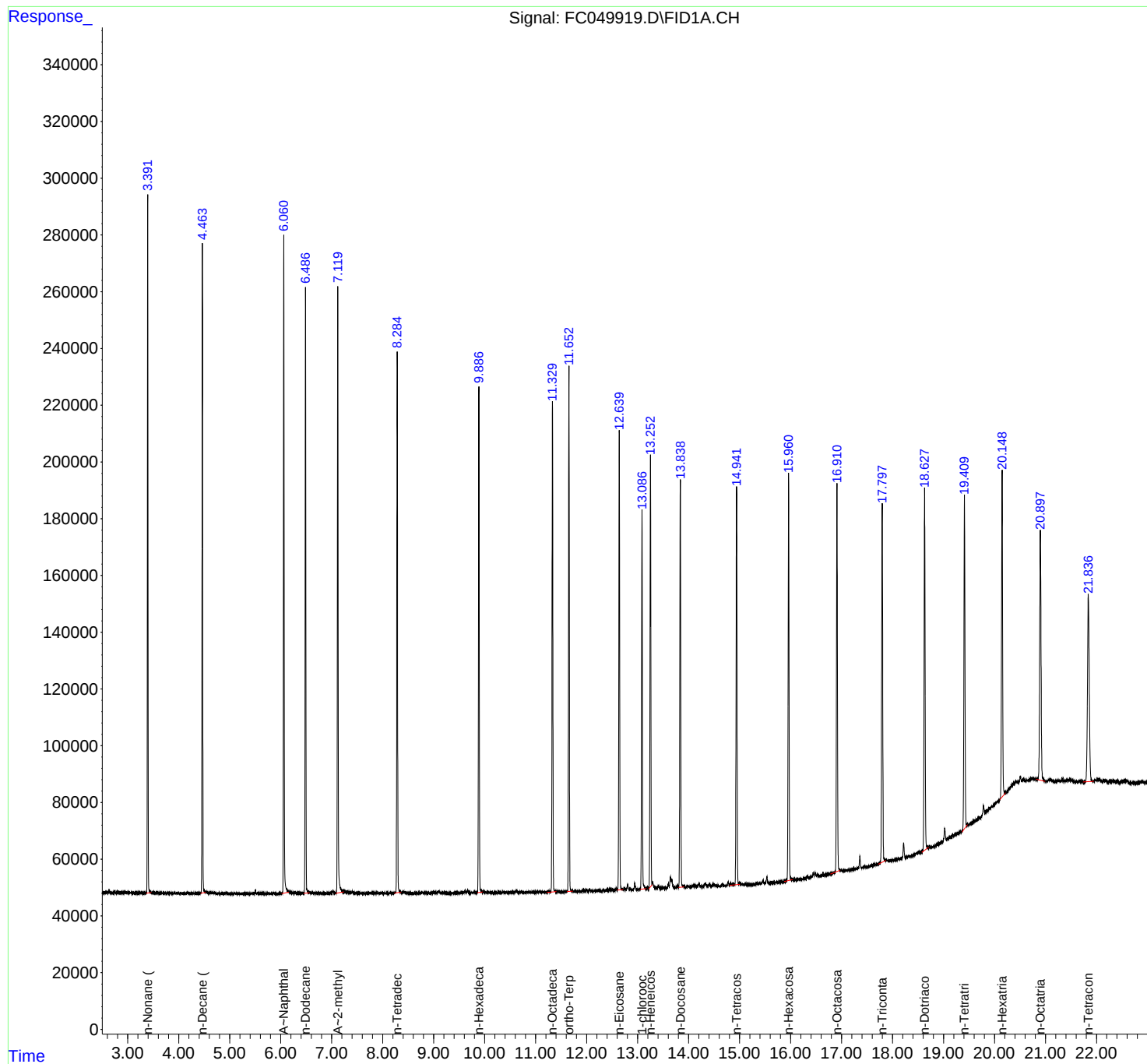
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

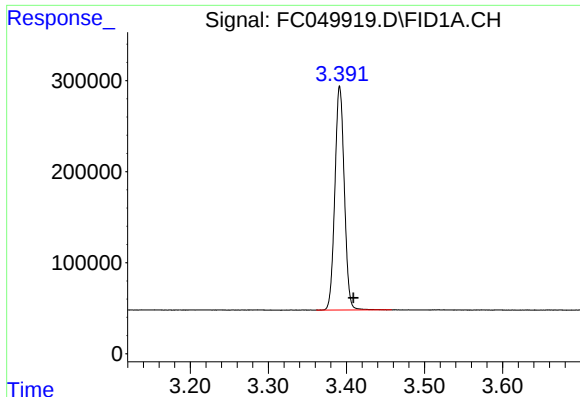
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Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 090820.M
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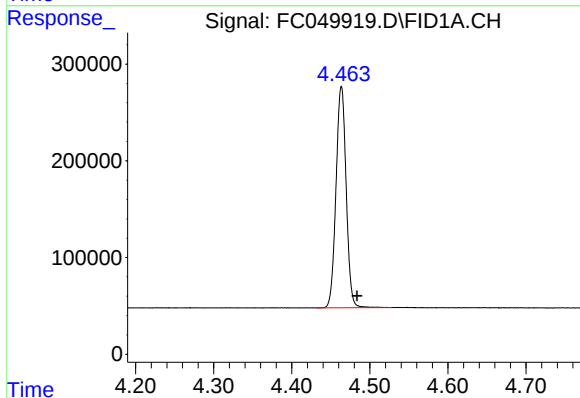
#1 n-Nonane (C9)

R.T.: 3.392 min
Delta R.T.: -0.017 min
Response: 2060958
Conc: 19.92 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

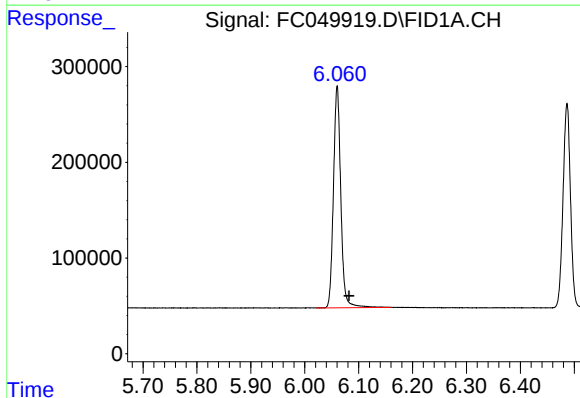
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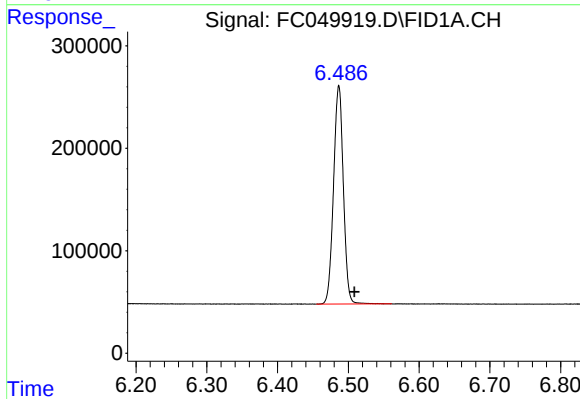
#2 n-Decane (C10)

R.T.: 4.464 min
Delta R.T.: -0.020 min
Response: 2067254
Conc: 19.90 ug/ml



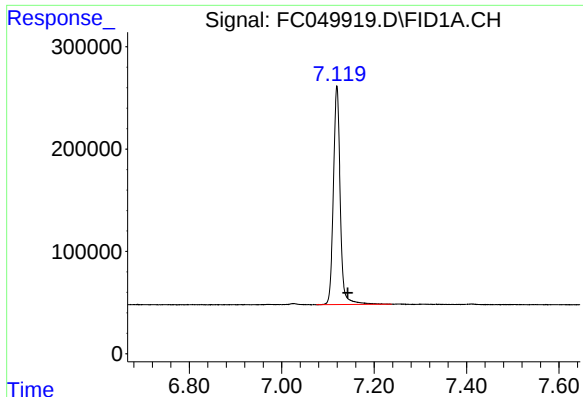
#3 A~Naphthalene (C11.7)

R.T.: 6.060 min
Delta R.T.: -0.022 min
Response: 2201334
Conc: 19.15 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.487 min
Delta R.T.: -0.022 min
Response: 2054086
Conc: 19.43 ug/ml



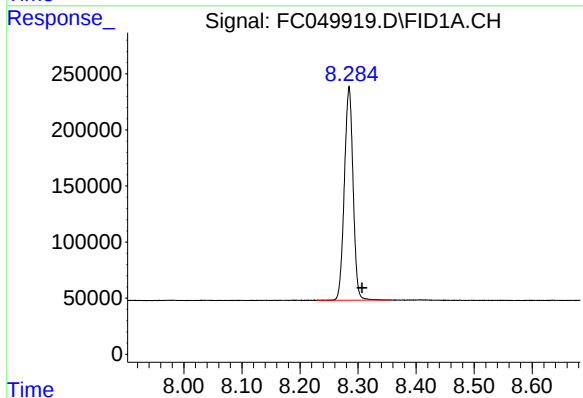
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.119 min
Delta R.T.: -0.023 min
Response: 2194609
Conc: 18.77 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

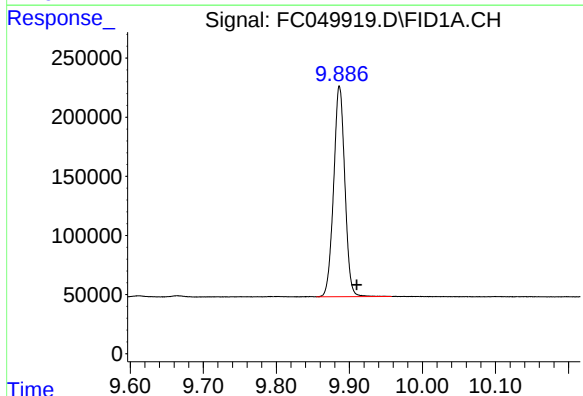
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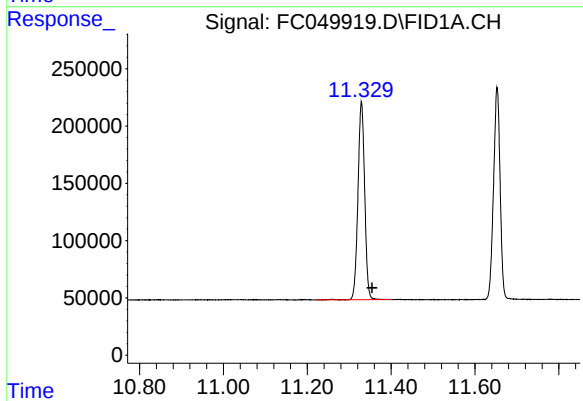
#6 n-Tetradecane (C14)

R.T.: 8.284 min
Delta R.T.: -0.023 min
Response: 1988432
Conc: 18.85 ug/ml



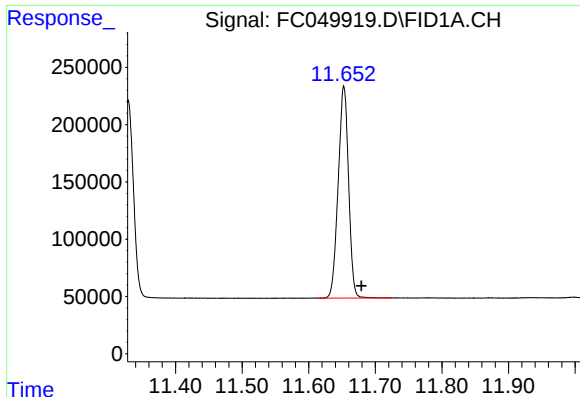
#7 n-Hexadecane (C16)

R.T.: 9.887 min
Delta R.T.: -0.024 min
Response: 1898663
Conc: 18.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.329 min
Delta R.T.: -0.025 min
Response: 1927586
Conc: 17.94 ug/ml



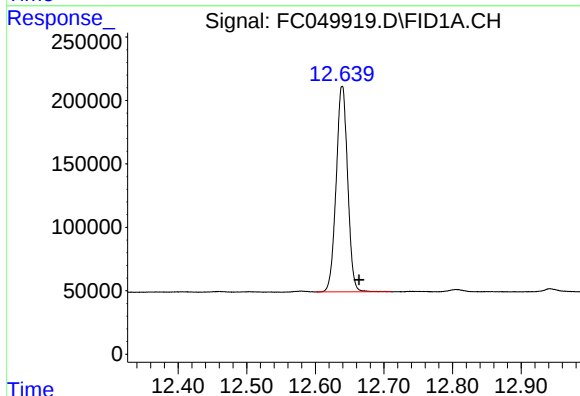
#9 ortho-Terphenyl (SURR)

R.T.: 11.653 min
Delta R.T.: -0.026 min
Response: 2007014
Conc: 17.47 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

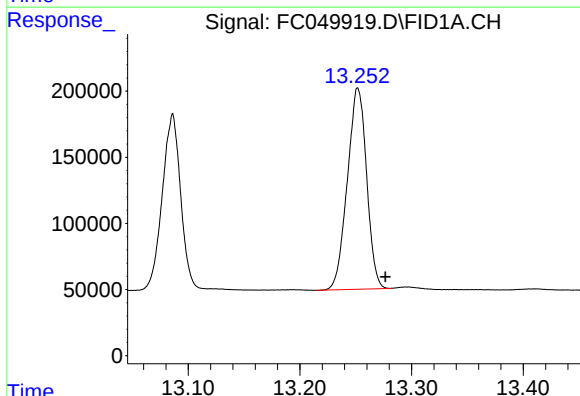
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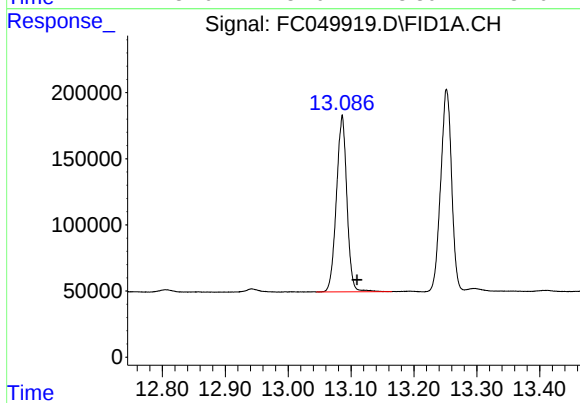
#10 n-Eicosane (C20)

R.T.: 12.639 min
Delta R.T.: -0.025 min
Response: 1886550
Conc: 17.62 ug/ml



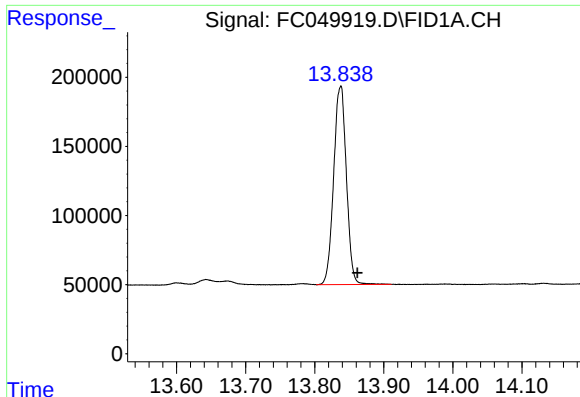
#11 n-Heneicosane (C21)

R.T.: 13.252 min
Delta R.T.: -0.025 min
Response: 1823296
Conc: 17.13 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.086 min
Delta R.T.: -0.024 min
Response: 1544654
Conc: 17.34 ug/ml



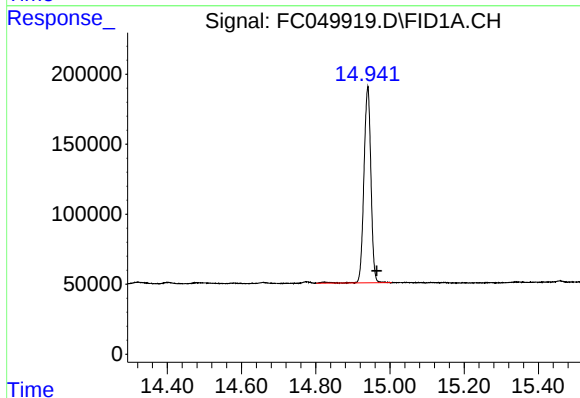
#13 n-Docosane (C22)

R.T.: 13.837 min
Delta R.T.: -0.025 min
Response: 1835566
Conc: 17.35 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

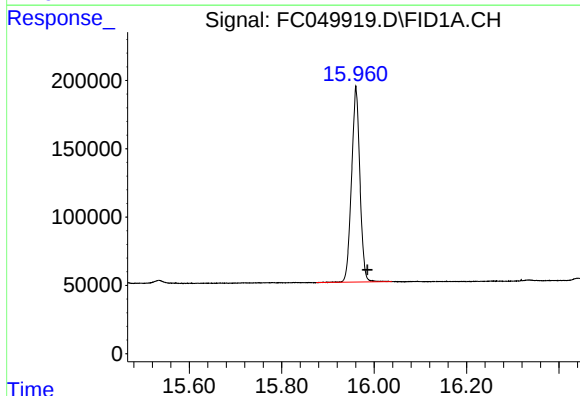
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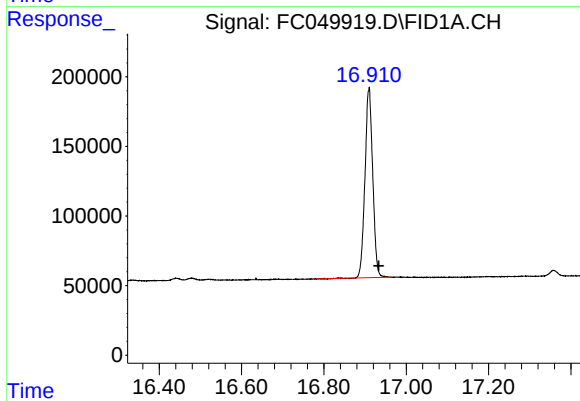
#14 n-Tetracosane (C24)

R.T.: 14.940 min
Delta R.T.: -0.024 min
Response: 1821992
Conc: 17.41 ug/ml



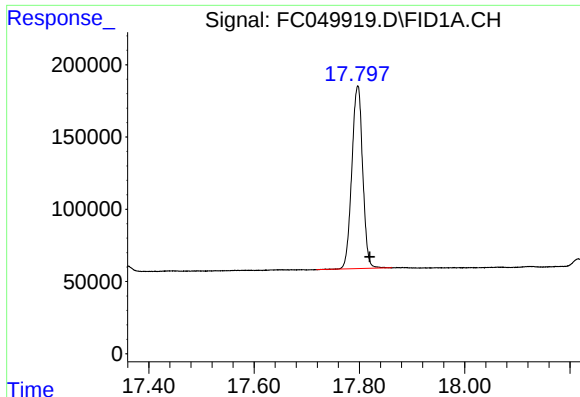
#15 n-Hexacosane (C26)

R.T.: 15.961 min
Delta R.T.: -0.025 min
Response: 1789040
Conc: 17.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.909 min
Delta R.T.: -0.024 min
Response: 1784948
Conc: 17.76 ug/ml



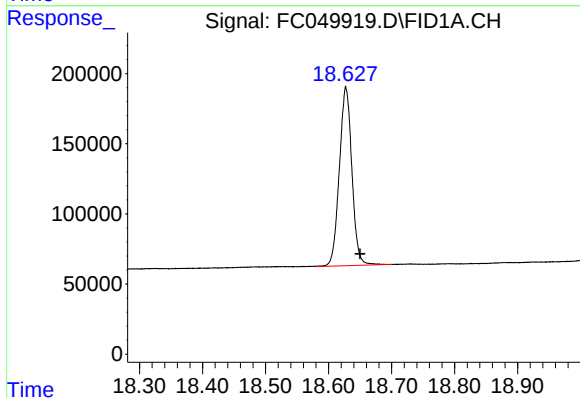
#17 n-Tricontane (C30)

R.T.: 17.797 min
Delta R.T.: -0.023 min
Response: 1806688
Conc: 18.56 ug/ml

Instrument :
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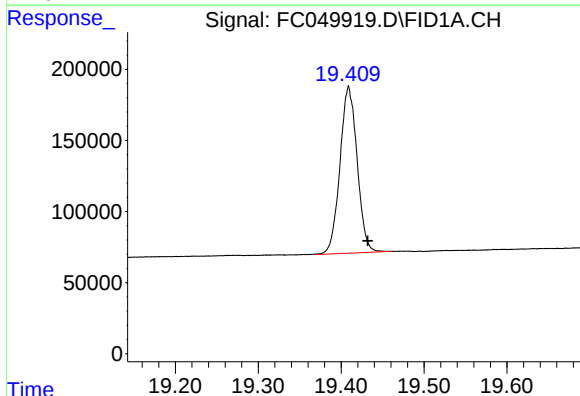
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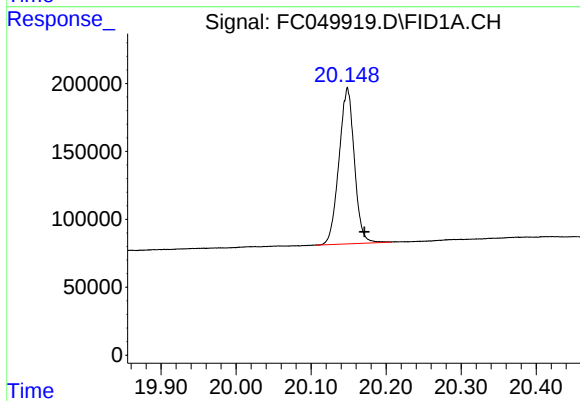
#18 n-Dotriacontane (C32)

R.T.: 18.627 min
Delta R.T.: -0.023 min
Response: 1758953
Conc: 19.47 ug/ml m



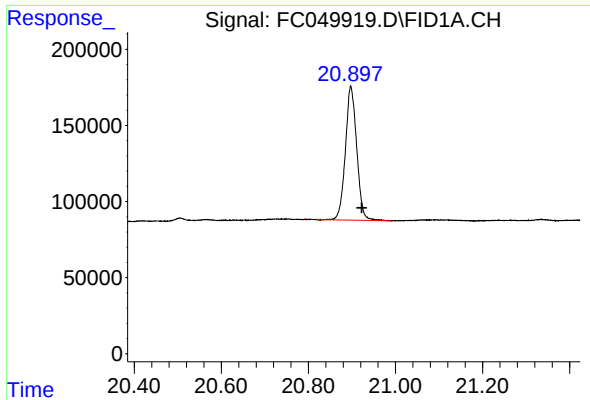
#19 n-Tetratriacontane (C34)

R.T.: 19.409 min
Delta R.T.: -0.023 min
Response: 1683951
Conc: 19.67 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.148 min
Delta R.T.: -0.023 min
Response: 1634351
Conc: 20.29 ug/ml m



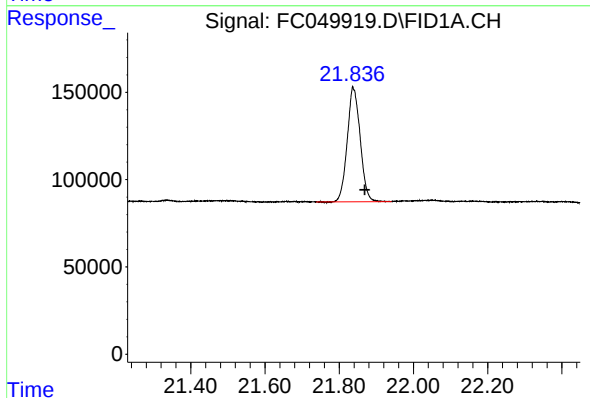
#21 n-Octatriacontane (C38)

R.T.: 20.898 min
Delta R.T.: -0.025 min
Response: 1584960
Conc: 20.94 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.838 min
Delta R.T.: -0.031 min
Response: 1585605
Conc: 20.38 ug/ml