

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120221AL\
 Data File : FC057177.D
 Signal(s) : FID1A.CH
 Acq On : 02 Dec 2021 23:53
 Operator : AJ\MA
 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

Reviewed By :Ankita Jodhani 12/06/2021
 Supervised By :mohammad ahmed 12/06/2021

Integration File: sample.E
 Quant Time: Dec 03 00:53:38 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 Qlast Update : Fri Nov 19 00:52:49 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)	11.592	2121453	18.281 ug/ml
Spiked Amount 50.000		Recovery =	36.56%
12) S 1-chlorooctadecane (S...	13.025	1646919	18.091 ug/ml
Spiked Amount 50.000		Recovery =	36.18%
Target Compounds			
1) T n-Nonane (C9)	3.352	1983161	19.571 ug/ml
2) T n-Decane (C10)	4.420	1989845	19.871 ug/ml
3) T A~Naphthalene (C11.7)	6.010	2195195	19.659 ug/ml
4) T n-Dodecane (C12)	6.437	2017850	19.902 ug/ml
5) T A~2-methylnaphthalene...	7.067	2197639	19.931 ug/ml
6) T n-Tetradecane (C14)	8.232	2013958	19.877 ug/ml
7) T n-Hexadecane (C16)	9.832	2006990	19.558 ug/ml
8) T n-Octadecane (C18)	11.272	2044147	19.079 ug/ml
10) T n-Eicosane (C20)	12.580	1978516	18.499 ug/ml
11) T n-Heneicosane (C21)	13.192	1969667	18.188 ug/ml
13) T n-Docosane (C22)	13.776	1923913	17.958 ug/ml
14) T n-Tetracosane (C24)	14.876	1864899	17.227 ug/ml
15) T n-Hexacosane (C26)	15.895	1783153	16.740 ug/ml
16) T n-Octacosane (C28)	16.842	1747693	16.385 ug/ml
17) T n-Tricontane (C30)	17.727	1713666	16.078 ug/ml
18) T n-Dotriacontane (C32)	18.558	1695102	16.070 ug/ml
19) T n-Tetratriacontane (C34)	19.337	1701643	16.380 ug/mlm
20) T n-Hexatriacontane (C36)	20.073	1688549	16.717 ug/mlm
21) T n-Octatriacontane (C38)	20.807	1644132	17.911 ug/ml
22) T n-Tetracontane (C40)	21.713	1648793	18.303 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

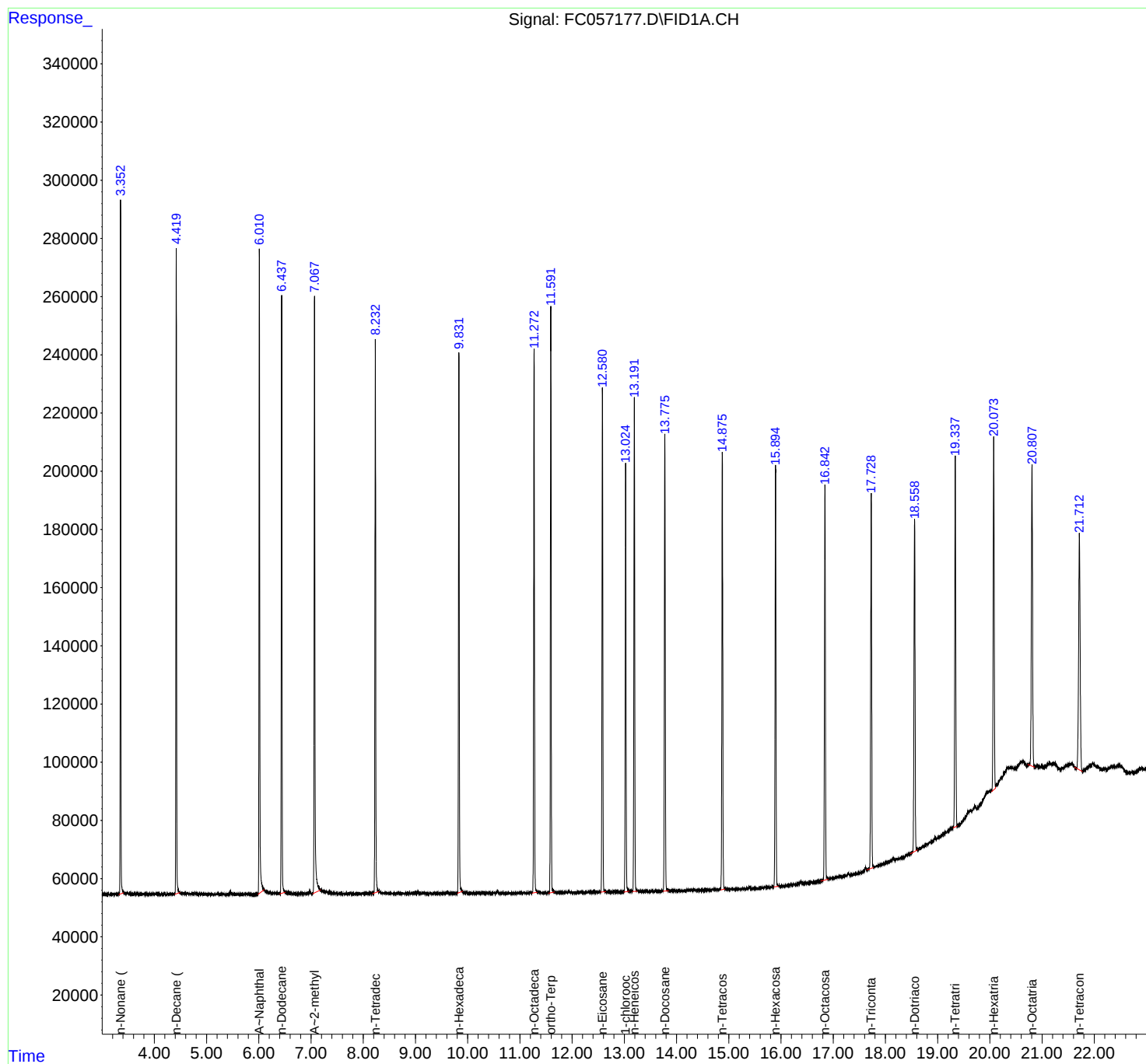
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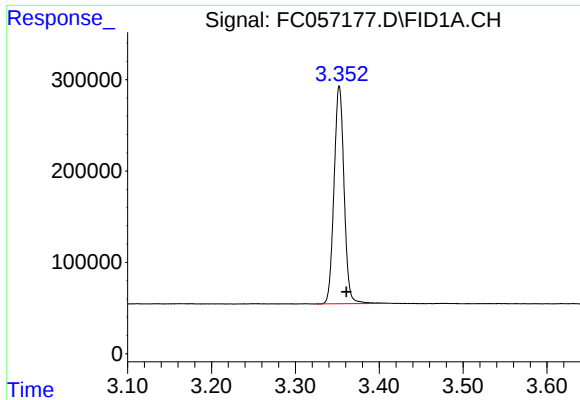
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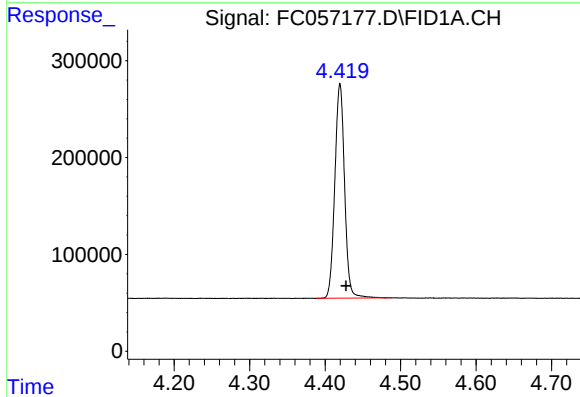
#1 n-Nonane (C9)

R.T.: 3.352 min
Delta R.T.: -0.009 min
Response: 1983161
Conc: 19.57 ug/ml

Instrument :
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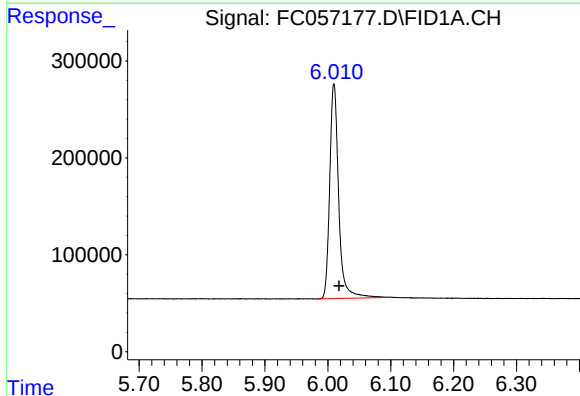
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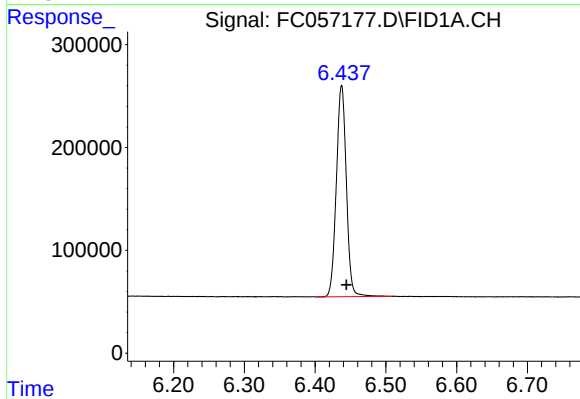
#2 n-Decane (C10)

R.T.: 4.420 min
Delta R.T.: -0.008 min
Response: 1989845
Conc: 19.87 ug/ml



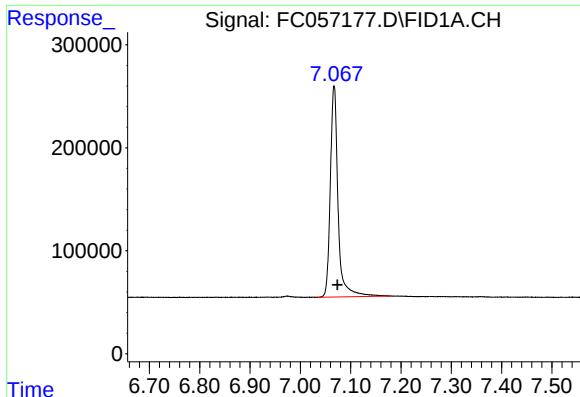
#3 A~Naphthalene (C11.7)

R.T.: 6.010 min
Delta R.T.: -0.008 min
Response: 2195195
Conc: 19.66 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.437 min
Delta R.T.: -0.007 min
Response: 2017850
Conc: 19.90 ug/ml



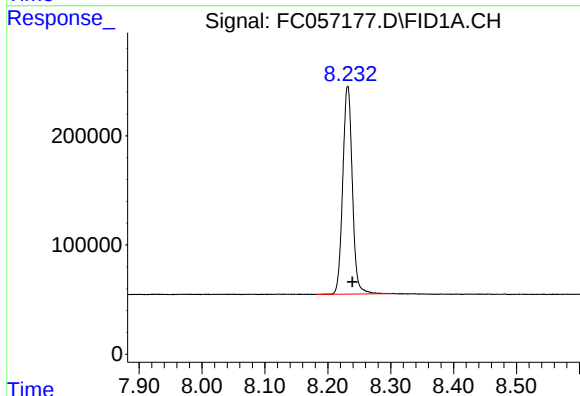
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.067 min
Delta R.T.: -0.007 min
Response: 2197639
Conc: 19.93 ug/ml

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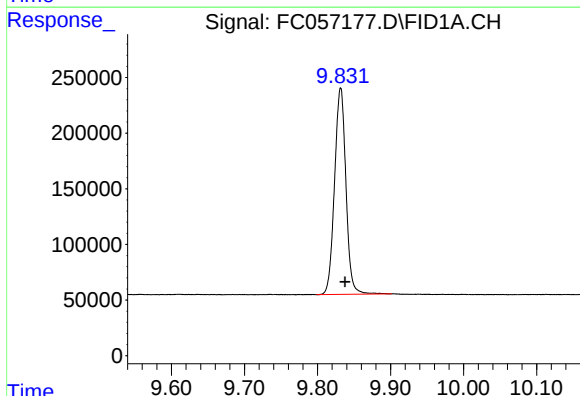
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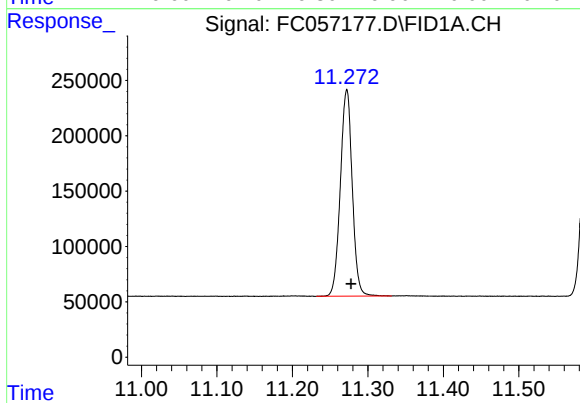
#6 n-Tetradecane (C14)

R.T.: 8.232 min
Delta R.T.: -0.007 min
Response: 2013958
Conc: 19.88 ug/ml



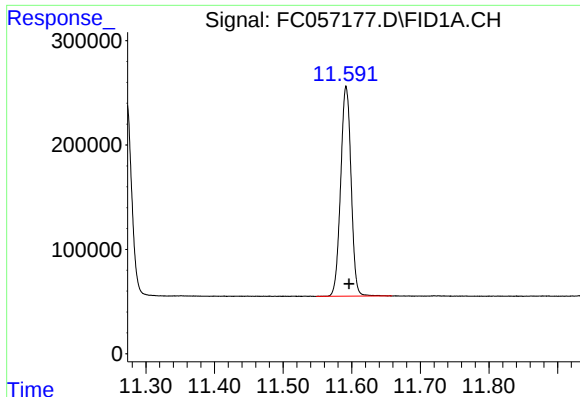
#7 n-Hexadecane (C16)

R.T.: 9.832 min
Delta R.T.: -0.006 min
Response: 2006990
Conc: 19.56 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.272 min
Delta R.T.: -0.006 min
Response: 2044147
Conc: 19.08 ug/ml



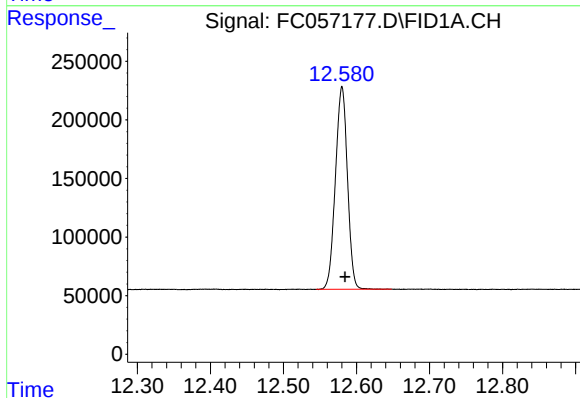
#9 ortho-Terphenyl (SURR)

R.T.: 11.592 min
Delta R.T.: -0.004 min
Response: 2121453
Conc: 18.28 ug/ml

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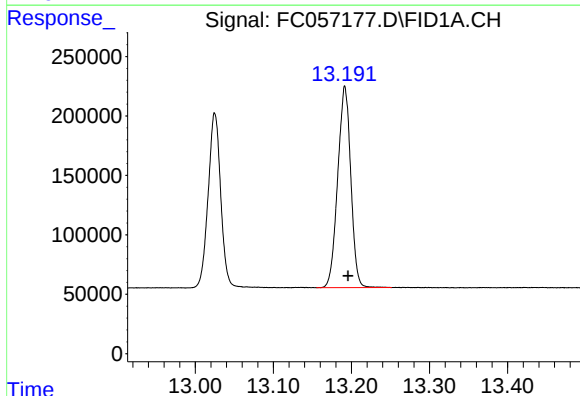
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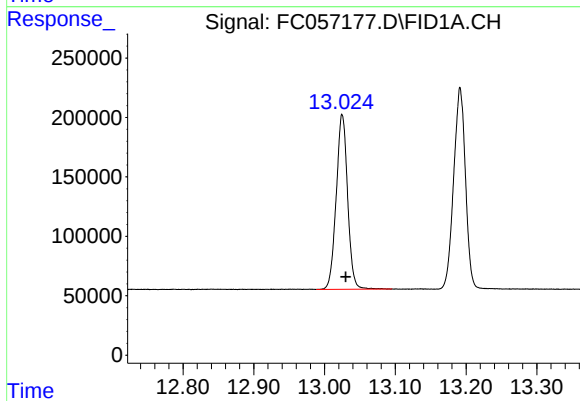
#10 n-Eicosane (C20)

R.T.: 12.580 min
Delta R.T.: -0.004 min
Response: 1978516
Conc: 18.50 ug/ml



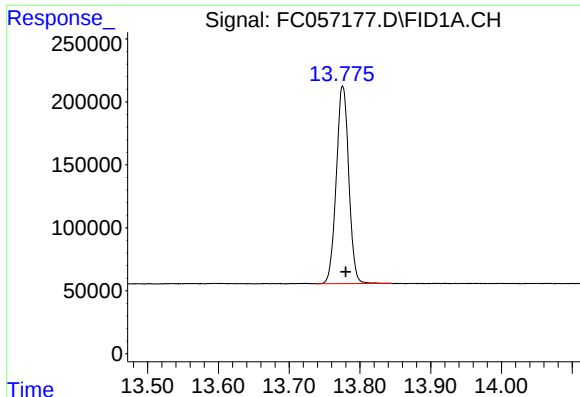
#11 n-Heneicosane (C21)

R.T.: 13.192 min
Delta R.T.: -0.004 min
Response: 1969667
Conc: 18.19 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.025 min
Delta R.T.: -0.005 min
Response: 1646919
Conc: 18.09 ug/ml



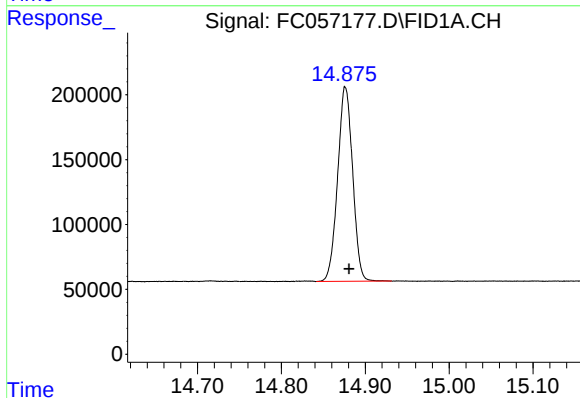
#13 n-Docosane (C22)

R.T.: 13.776 min
Delta R.T.: -0.004 min
Response: 1923913
Conc: 17.96 ug/ml

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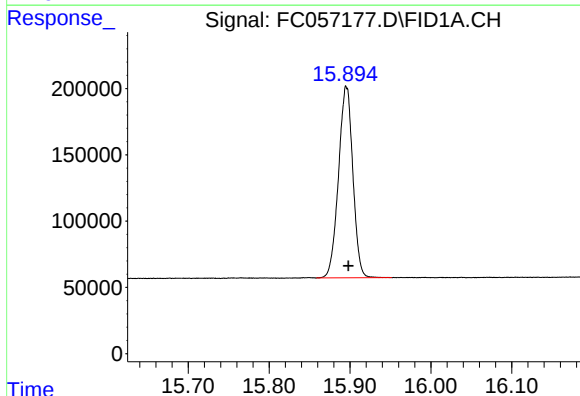
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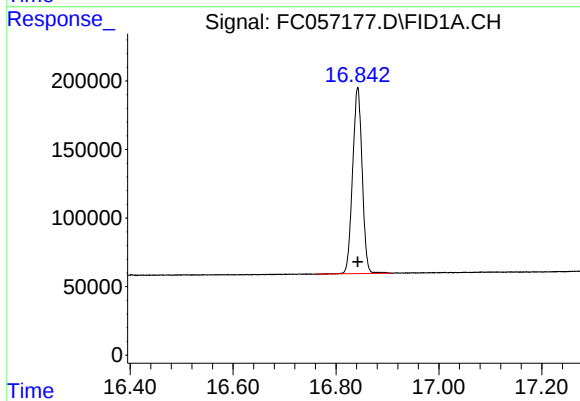
#14 n-Tetracosane (C24)

R.T.: 14.876 min
Delta R.T.: -0.004 min
Response: 1864899
Conc: 17.23 ug/ml



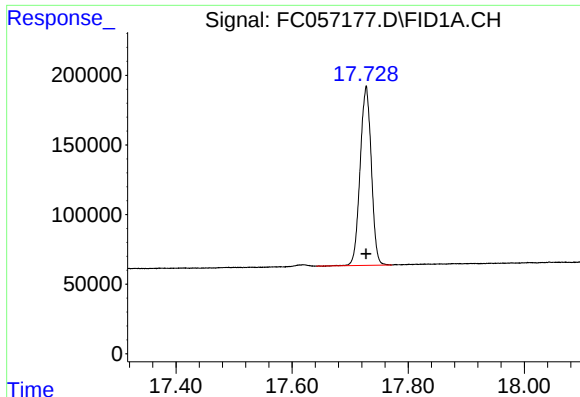
#15 n-Hexacosane (C26)

R.T.: 15.895 min
Delta R.T.: -0.003 min
Response: 1783153
Conc: 16.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.842 min
Delta R.T.: 0.000 min
Response: 1747693
Conc: 16.38 ug/ml



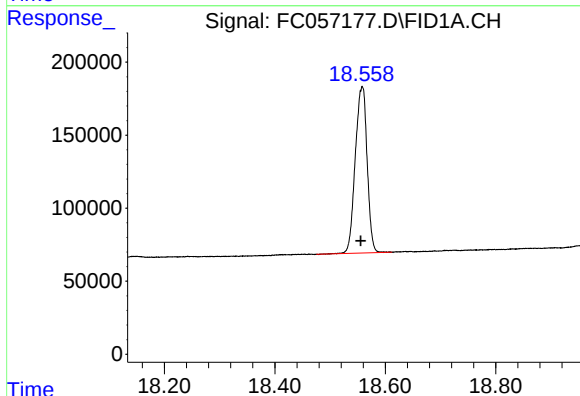
#17 n-Tricontane (C30)

R.T.: 17.727 min
Delta R.T.: 0.000 min
Response: 1713666
Conc: 16.08 ug/ml

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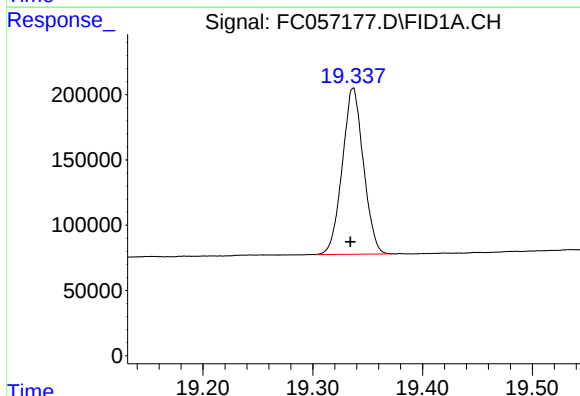
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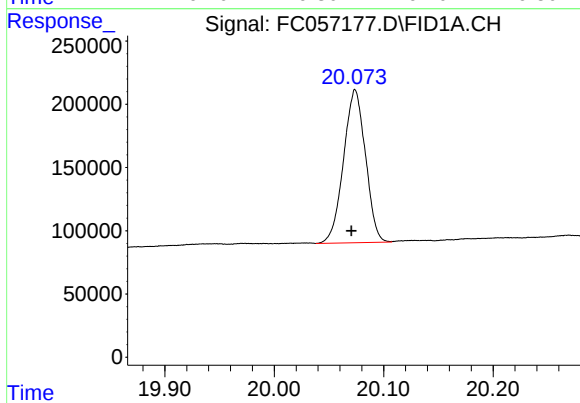
#18 n-Dotriacontane (C32)

R.T.: 18.558 min
Delta R.T.: 0.002 min
Response: 1695102
Conc: 16.07 ug/ml



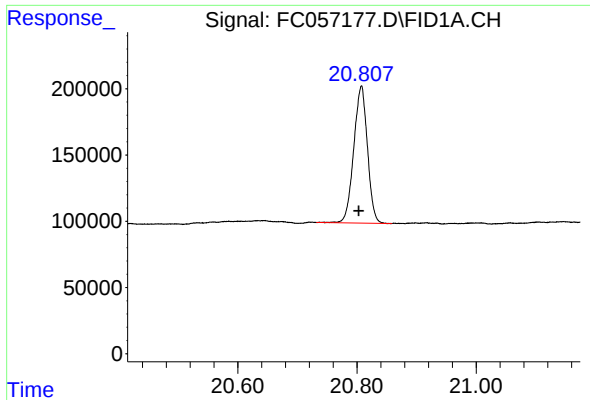
#19 n-Tetratriacontane (C34)

R.T.: 19.337 min
Delta R.T.: 0.003 min
Response: 1701643
Conc: 16.38 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.073 min
Delta R.T.: 0.003 min
Response: 1688549
Conc: 16.72 ug/ml m



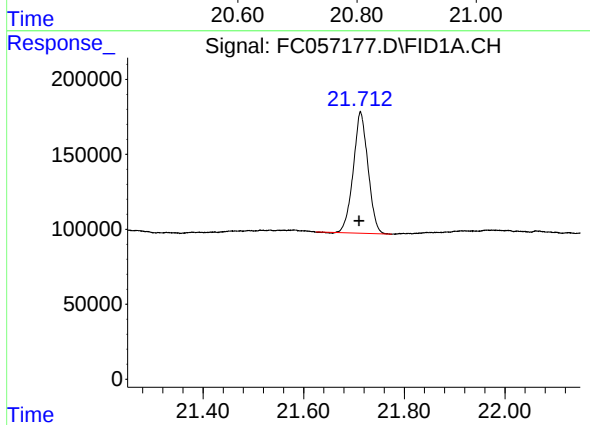
#21 n-Octatriacontane (C38)

R.T.: 20.807 min
Delta R.T.: 0.004 min
Response: 1644132
Conc: 17.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.713 min
Delta R.T.: 0.003 min
Response: 1648793
Conc: 18.30 ug/ml