

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112321AL\
 Data File : FC057035.D
 Signal(s) : FID1A.CH
 Acq On : 23 Nov 2021 20:57
 Operator : AJ\MA
 Sample : M4758-40MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP20-BMSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/24/2021
 Supervised By :mohammad ahmed 11/24/2021

Integration File: autoint1.e
 Quant Time: Nov 24 02:15:27 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)	11.594	3540799	30.512 ug/ml
Spiked Amount 50.000		Recovery =	61.02%
12) S 1-chlorooctadecane (S...	13.025	2853393	31.343 ug/mlm
Spiked Amount 50.000		Recovery =	62.69%
Target Compounds			
1) T n-Nonane (C9)	3.357	3681719	36.333 ug/ml
2) T n-Decane (C10)	4.426	4239195	42.333 ug/ml
3) T A~Naphthalene (C11.7)	6.013	4827201	43.231 ug/mlm
4) T n-Dodecane (C12)	6.443	4591127	45.281 ug/ml
5) T A~2-methylnaphthalene...	7.071	4872040	44.186 ug/ml
6) T n-Tetradecane (C14)	8.238	4898355	48.346 ug/ml
7) T n-Hexadecane (C16)	9.836	5251262	51.174 ug/ml
8) T n-Octadecane (C18)	11.276	5668435	52.908 ug/mlm
10) T n-Eicosane (C20)	12.584	5602827	52.385 ug/ml
11) T n-Heneicosane (C21)	13.194	5542553	51.181 ug/ml
13) T n-Docosane (C22)	13.778	5458520	50.950 ug/ml
14) T n-Tetracosane (C24)	14.877	10185089	94.084 ug/ml
15) T n-Hexacosane (C26)	15.898	5113992	48.011 ug/ml
16) T n-Octacosane (C28)	16.844	4801047	45.010 ug/ml
17) T n-Tricontane (C30)	17.730	4764622	44.702 ug/ml
18) T n-Dotriacontane (C32)	18.556	4649242	44.077 ug/ml
19) T n-Tetratriacontane (C34)	19.336	4543229	43.732 ug/ml
20) T n-Hexatriacontane (C36)	20.070	4127866	40.867 ug/mlm
21) T n-Octatriacontane (C38)	20.802	3871770	42.178 ug/ml
22) T n-Tetracontane (C40)	21.707	3936147	43.694 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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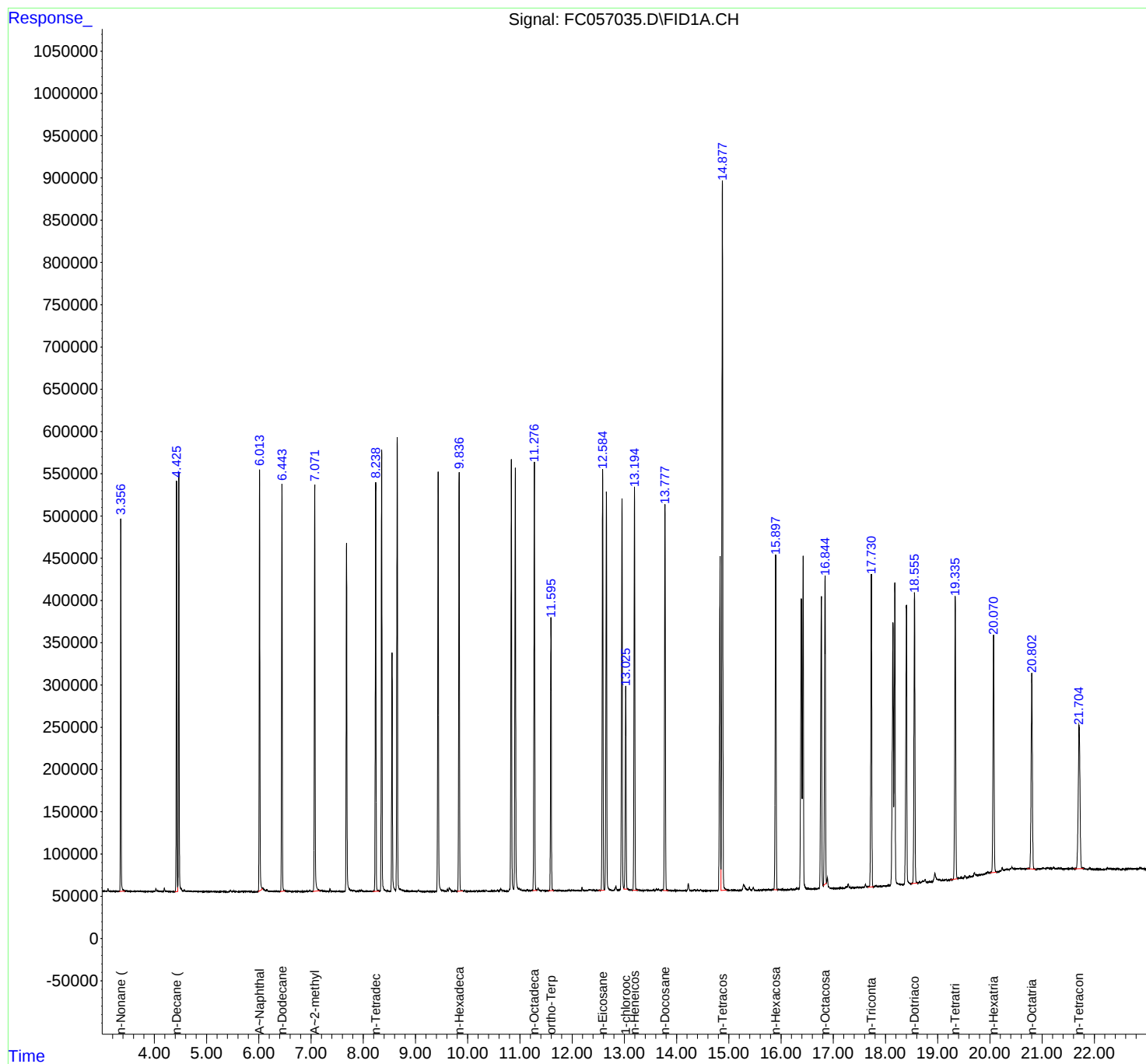
Instrument :
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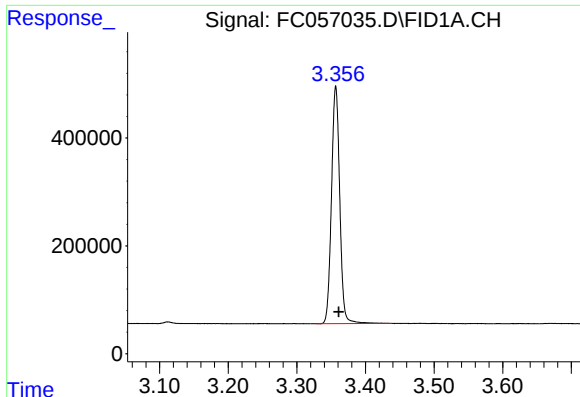
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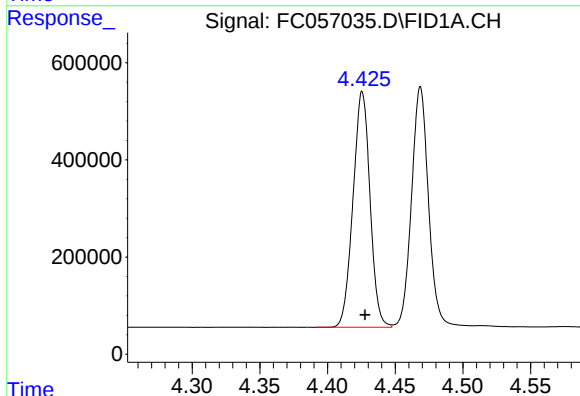
#1 n-Nonane (C9)

R.T.: 3.357 min
Delta R.T.: -0.004 min
Response: 3681719
Conc: 36.33 ug/ml

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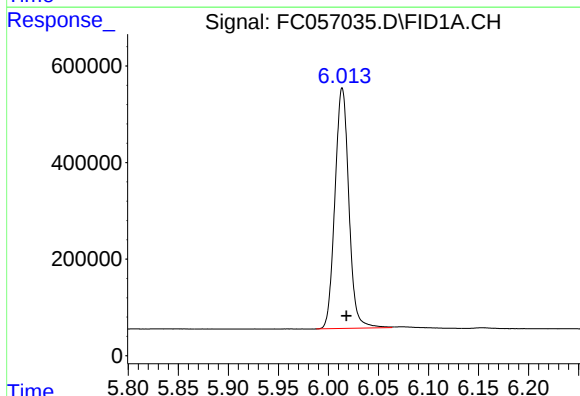
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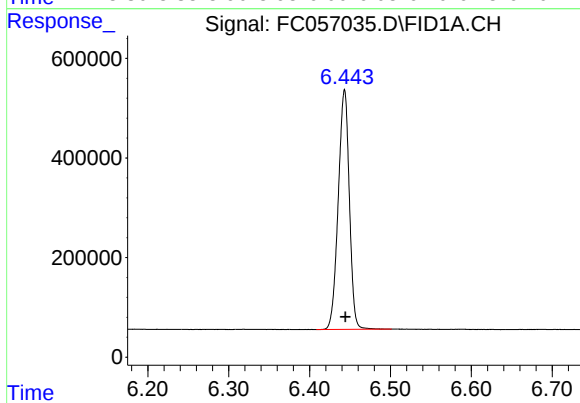
#2 n-Decane (C10)

R.T.: 4.426 min
Delta R.T.: -0.002 min
Response: 4239195
Conc: 42.33 ug/ml



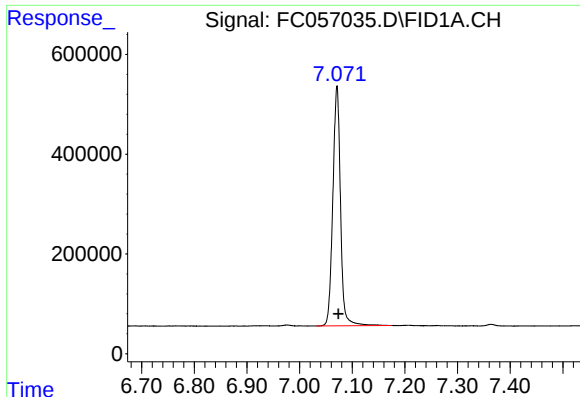
#3 A~Naphthalene (C11.7)

R.T.: 6.013 min
Delta R.T.: -0.004 min
Response: 4827201
Conc: 43.23 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.443 min
Delta R.T.: -0.001 min
Response: 4591127
Conc: 45.28 ug/ml



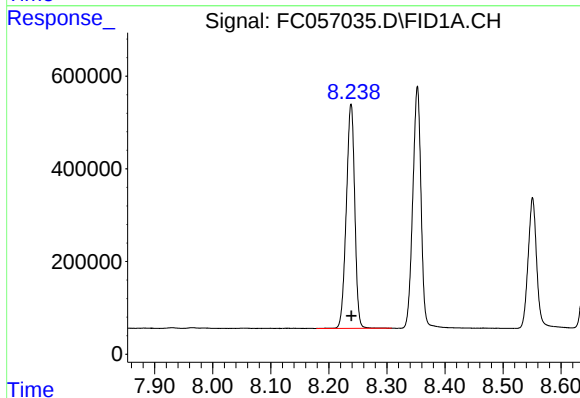
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.071 min
Delta R.T.: -0.003 min
Response: 4872040
Conc: 44.19 ug/ml

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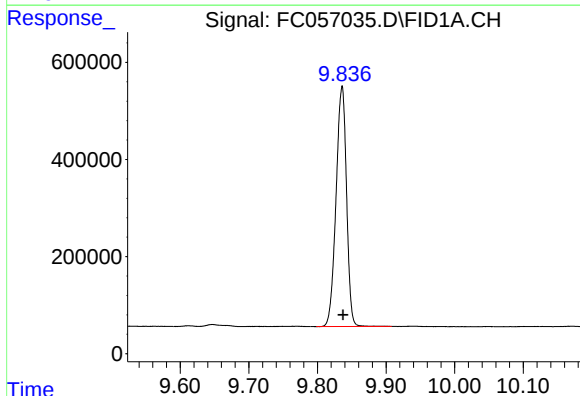
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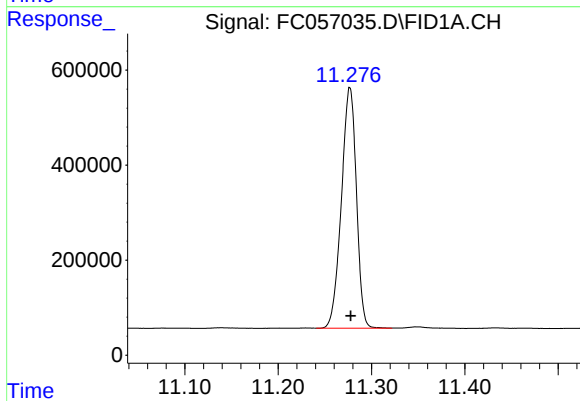
#6 n-Tetradecane (C14)

R.T.: 8.238 min
Delta R.T.: 0.000 min
Response: 4898355
Conc: 48.35 ug/ml



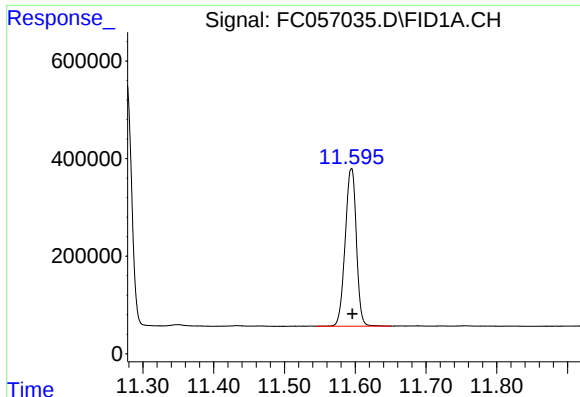
#7 n-Hexadecane (C16)

R.T.: 9.836 min
Delta R.T.: -0.002 min
Response: 5251262
Conc: 51.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.276 min
Delta R.T.: -0.002 min
Response: 5668435
Conc: 52.91 ug/ml m



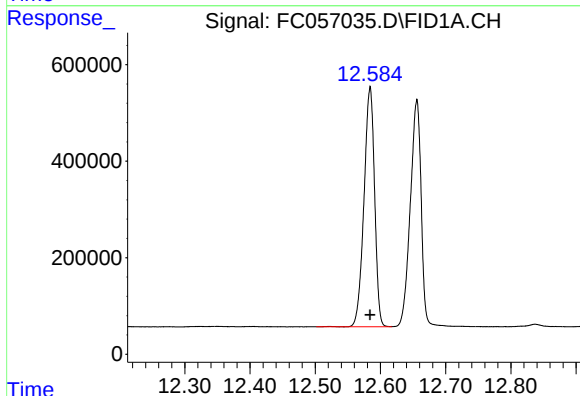
#9 ortho-Terphenyl (SURR)

R.T.: 11.594 min
Delta R.T.: -0.001 min
Response: 3540799
Conc: 30.51 ug/ml

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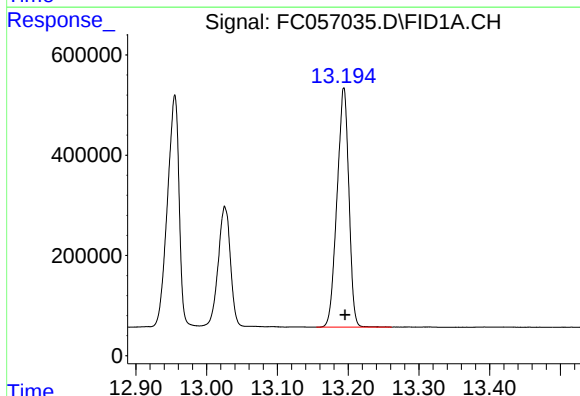
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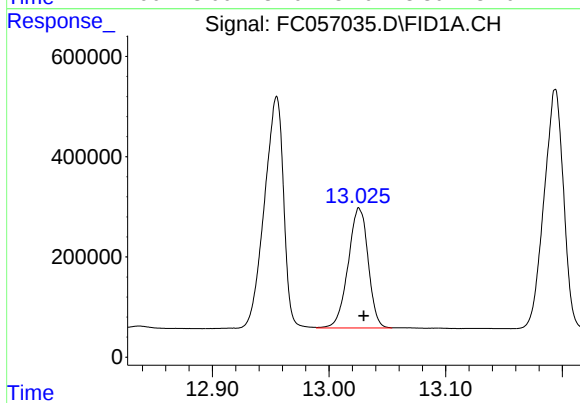
#10 n-Eicosane (C20)

R.T.: 12.584 min
Delta R.T.: 0.000 min
Response: 5602827
Conc: 52.38 ug/ml



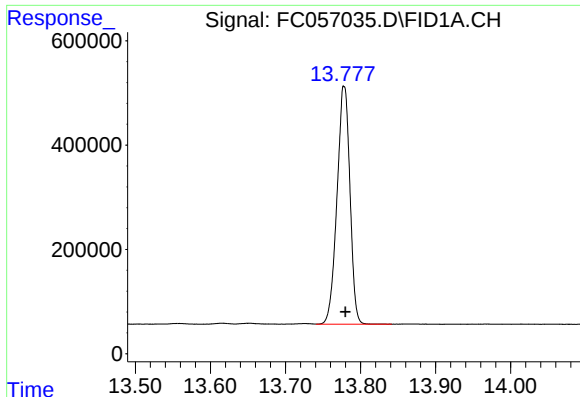
#11 n-Heneicosane (C21)

R.T.: 13.194 min
Delta R.T.: -0.002 min
Response: 5542553
Conc: 51.18 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.025 min
Delta R.T.: -0.005 min
Response: 2853393
Conc: 31.34 ug/ml m



#13 n-Docosane (C22)

R.T.: 13.778 min
Delta R.T.: -0.002 min
Response: 5458520
Conc: 50.95 ug/ml

Instrument :

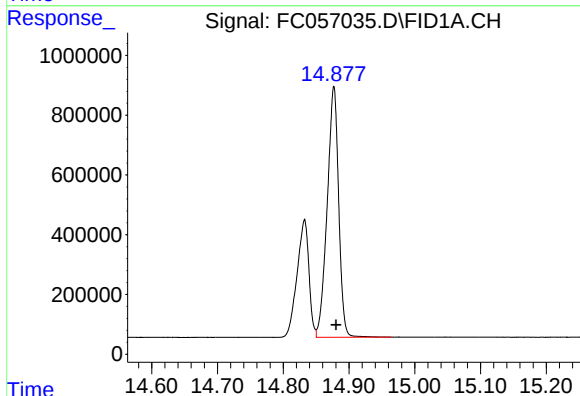
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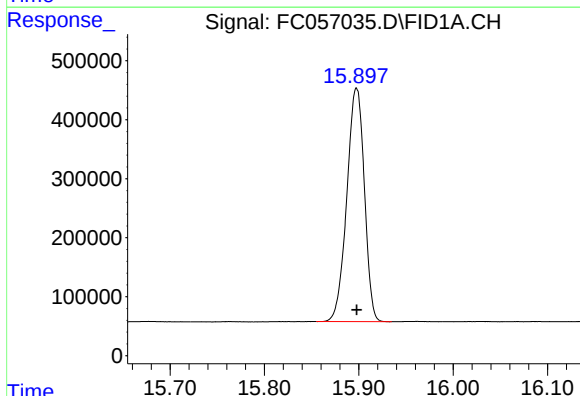
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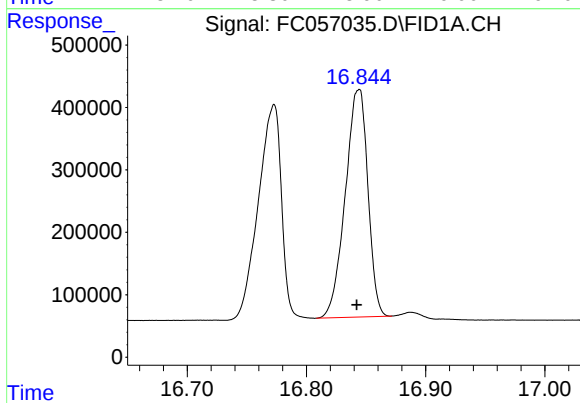
#14 n-Tetracosane (C24)

R.T.: 14.877 min
Delta R.T.: -0.004 min
Response: 10185089
Conc: 94.08 ug/ml



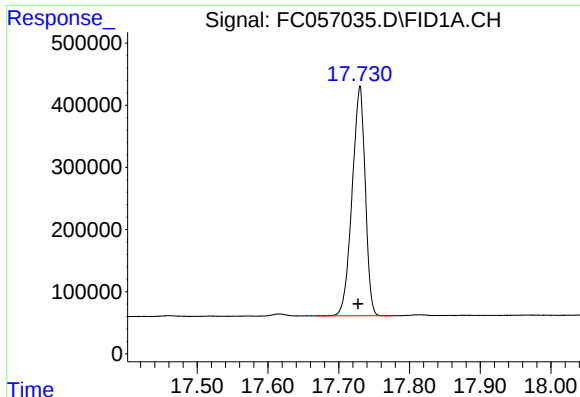
#15 n-Hexacosane (C26)

R.T.: 15.898 min
Delta R.T.: 0.000 min
Response: 5113992
Conc: 48.01 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.844 min
Delta R.T.: 0.001 min
Response: 4801047
Conc: 45.01 ug/ml



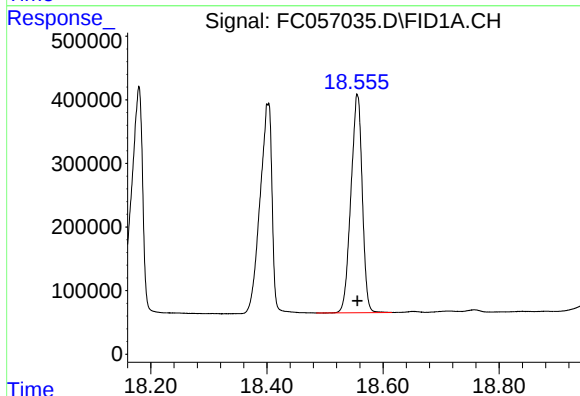
#17 n-Tricontane (C30)

R.T.: 17.730 min
Delta R.T.: 0.002 min
Response: 4764622
Conc: 44.70 ug/ml

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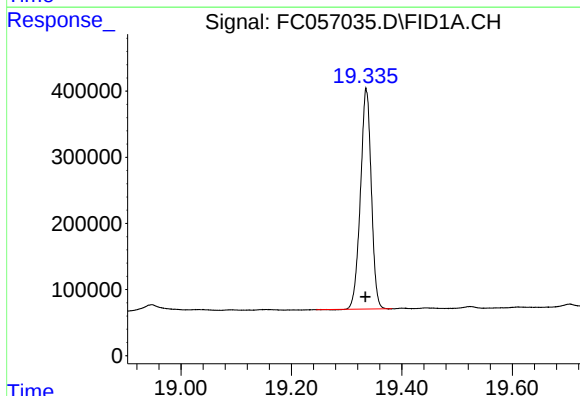
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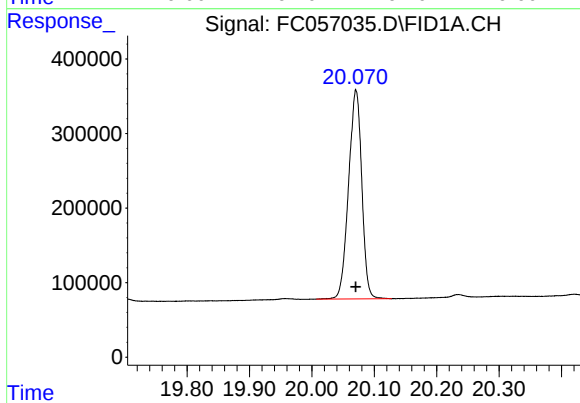
#18 n-Dotriacontane (C32)

R.T.: 18.556 min
Delta R.T.: 0.000 min
Response: 4649242
Conc: 44.08 ug/ml



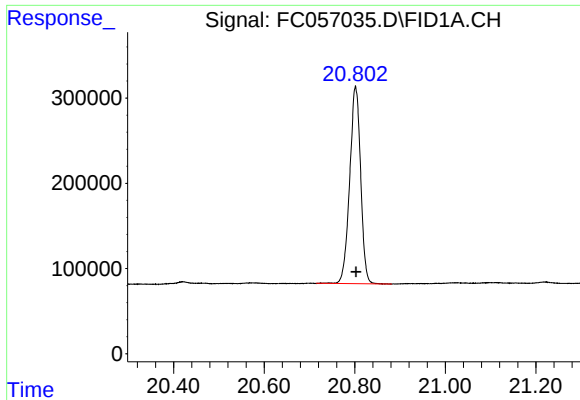
#19 n-Tetratriacontane (C34)

R.T.: 19.336 min
Delta R.T.: 0.001 min
Response: 4543229
Conc: 43.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.070 min
Delta R.T.: 0.000 min
Response: 4127866
Conc: 40.87 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.802 min
Delta R.T.: -0.001 min
Response: 3871770
Conc: 42.18 ug/ml

Instrument :

FID_C

ClientSampleId :

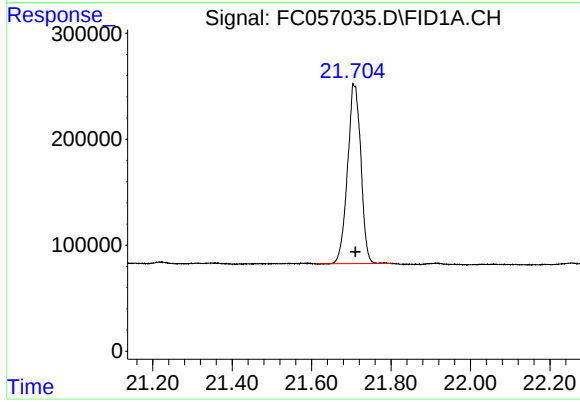
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#22 n-Tetracontane (C40)

R.T.: 21.707 min
Delta R.T.: -0.003 min
Response: 3936147
Conc: 43.69 ug/ml