

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041322AL\
 Data File : FC059219.D
 Signal(s) : FID1A.CH
 Acq On : 14 Apr 2022 7:27
 Operator : UA/NP
 Sample : N2379-07MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/14/2022
 Supervised By :mohammad ahmed 04/18/2022

Integration File: autoint1.e
 Quant Time: Apr 14 09:24:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 2022
 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)	11.103	4830758	33.528 ug/ml
Spiked Amount 50.000		Recovery =	67.06%
12) S 1-chlorooctadecane (S...	12.549	3600797	32.123 ug/mlm
Spiked Amount 50.000		Recovery =	64.25%
Target Compounds			
1) T n-Nonane (C9)	2.981	5249160	42.834 ug/ml
2) T n-Decane (C10)	4.015	5447220	44.451 ug/ml
3) T A~Naphthalene (C11.7)	5.556	5991579	47.721 ug/ml
4) T n-Dodecane (C12)	6.005	5661748	44.327 ug/ml
5) T A~2-methylnaphthalene...	6.603	5759774	44.929 ug/ml
6) T n-Tetradecane (C14)	7.788	5739065	44.139 ug/ml
7) T n-Hexadecane (C16)	9.378	5741028	43.233 ug/ml
8) T n-Octadecane (C18)	10.812	5890010	44.301 ug/ml
10) T n-Eicosane (C20)	12.115	5703605	43.531 ug/ml
11) T n-Heneicosane (C21)	12.724	5535487	42.424 ug/ml
13) T n-Docosane (C22)	13.306	5535859	42.733 ug/ml
14) T n-Tetracosane (C24)	14.403	6019289	47.650 ug/ml
15) T n-Hexacosane (C26)	15.422	5378763	44.529 ug/ml
16) T n-Octacosane (C28)	16.367	5279820	44.589 ug/mlm
17) T n-Tricontane (C30)	17.252	5269167	46.190 ug/mlm
18) T n-Dotriacontane (C32)	18.079	5407168	50.473 ug/mlm
19) T n-Tetratriacontane (C34)	18.860	5099124	50.468 ug/ml
20) T n-Hexatriacontane (C36)	19.597	4872808	50.998 ug/ml
21) T n-Octatriacontane (C38)	20.292	4919839	53.466 ug/mlm
22) T n-Tetracontane (C40)	21.038	4627243	49.788 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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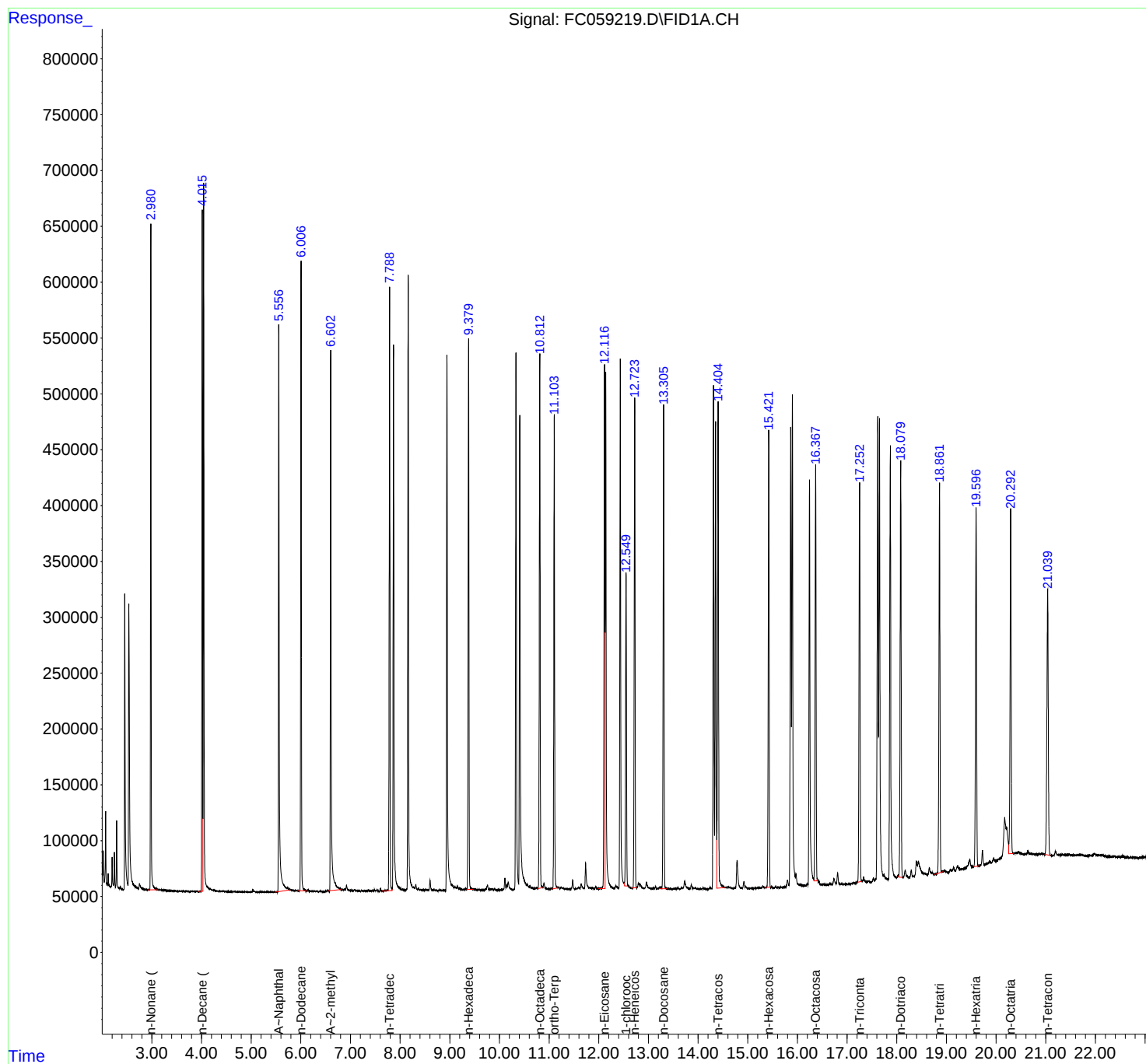
Instrument :
FID_C
ClientSampleId :
5MS

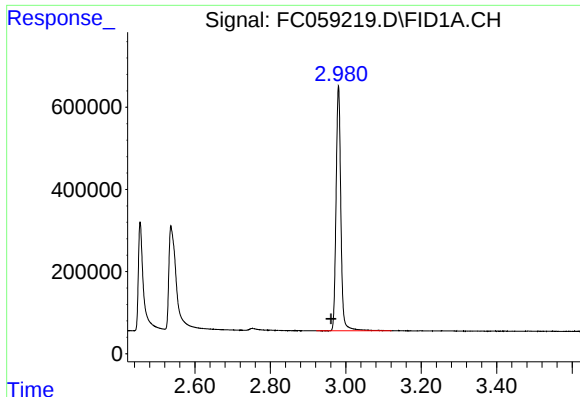
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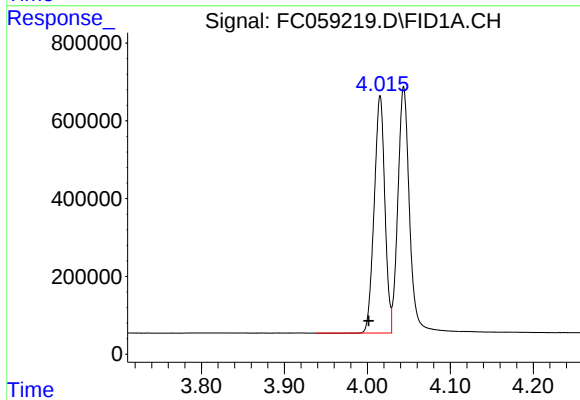
#1 n-Nonane (C9)

R.T.: 2.981 min
Delta R.T.: 0.020 min
Response: 5249160
Conc: 42.83 ug/ml

Instrument :
FID_C
ClientSampleId :
SMS

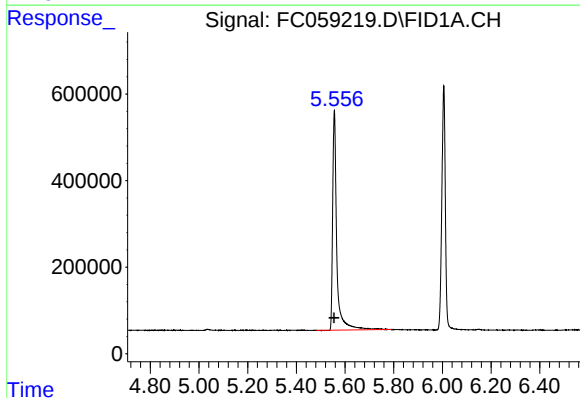
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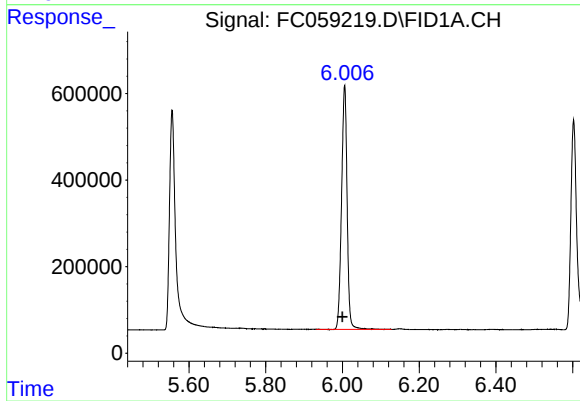
#2 n-Decane (C10)

R.T.: 4.015 min
Delta R.T.: 0.013 min
Response: 5447220
Conc: 44.45 ug/ml



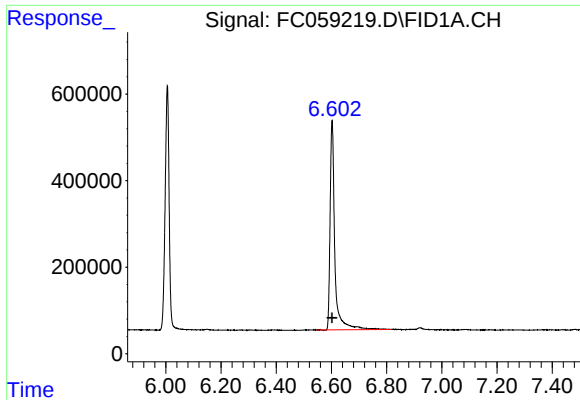
#3 A~Naphthalene (C11.7)

R.T.: 5.556 min
Delta R.T.: 0.000 min
Response: 5991579
Conc: 47.72 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.005 min
Delta R.T.: 0.005 min
Response: 5661748
Conc: 44.33 ug/ml



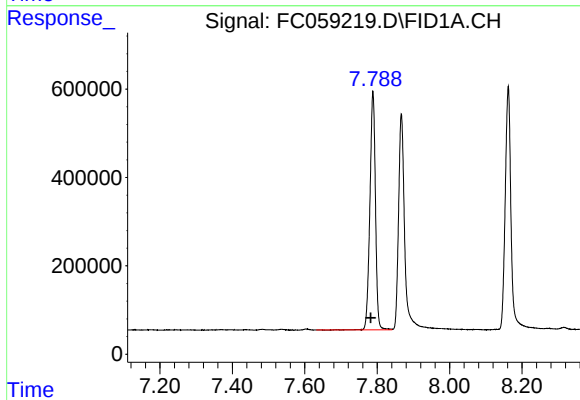
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 5759774
Conc: 44.93 ug/ml

Instrument :
FID_C
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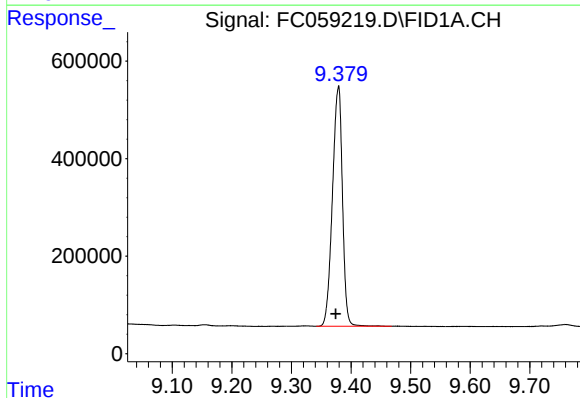
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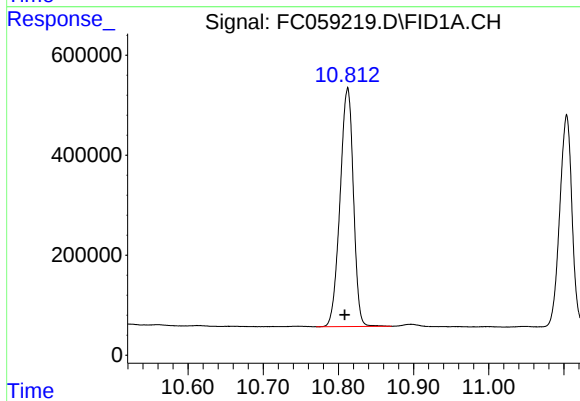
#6 n-Tetradecane (C14)

R.T.: 7.788 min
Delta R.T.: 0.006 min
Response: 5739065
Conc: 44.14 ug/ml



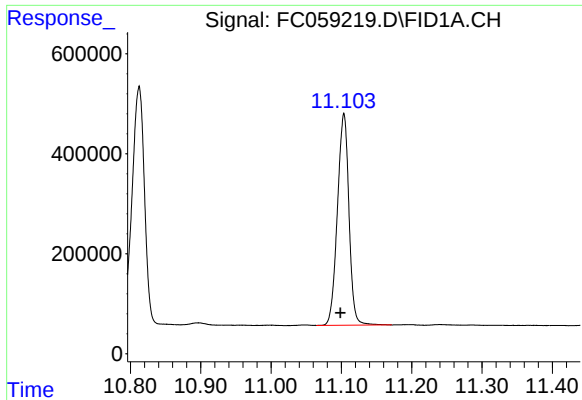
#7 n-Hexadecane (C16)

R.T.: 9.378 min
Delta R.T.: 0.004 min
Response: 5741028
Conc: 43.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.812 min
Delta R.T.: 0.003 min
Response: 5890010
Conc: 44.30 ug/ml



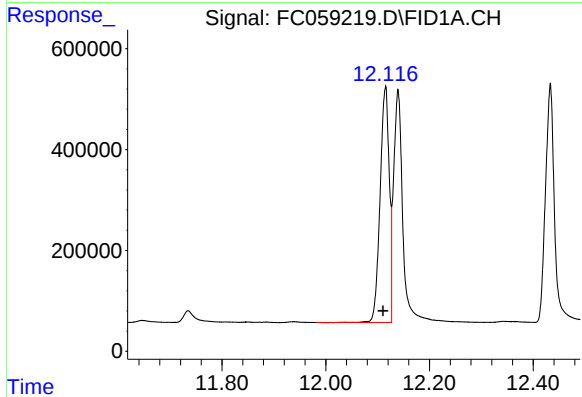
#9 ortho-Terphenyl (SURR)

R.T.: 11.103 min
Delta R.T.: 0.005 min
Response: 4830758
Conc: 33.53 ug/ml

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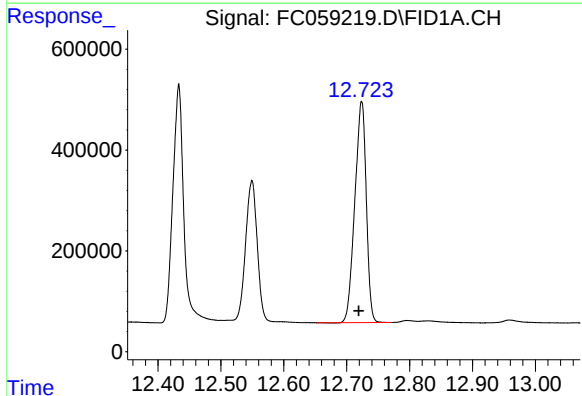
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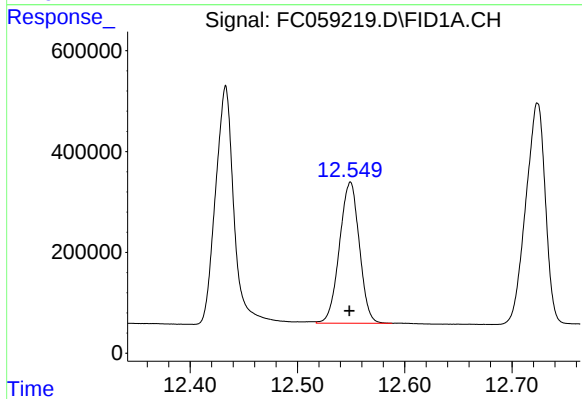
#10 n-Eicosane (C20)

R.T.: 12.115 min
Delta R.T.: 0.004 min
Response: 5703605
Conc: 43.53 ug/ml



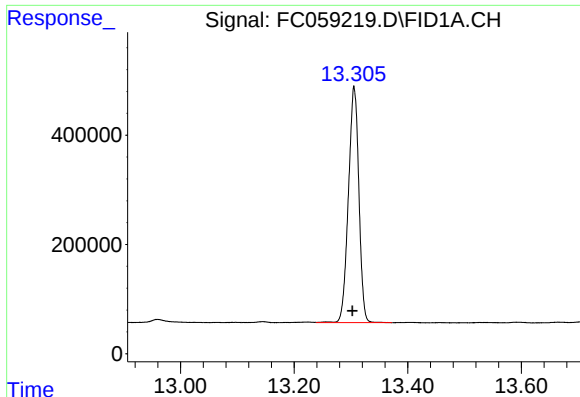
#11 n-Heneicosane (C21)

R.T.: 12.724 min
Delta R.T.: 0.004 min
Response: 5535487
Conc: 42.42 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.549 min
Delta R.T.: 0.000 min
Response: 3600797
Conc: 32.12 ug/ml m



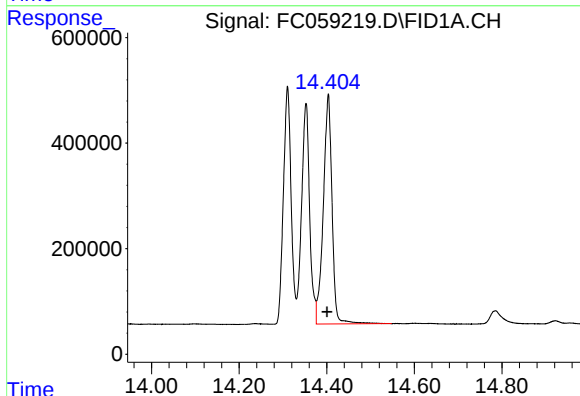
#13 n-Docosane (C22)

R.T.: 13.306 min
Delta R.T.: 0.003 min
Response: 5535859
Conc: 42.73 ug/ml

Instrument :
FID_C
ClientSampleId :
SMS

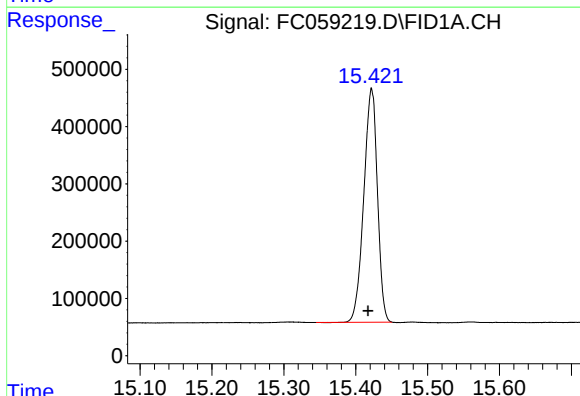
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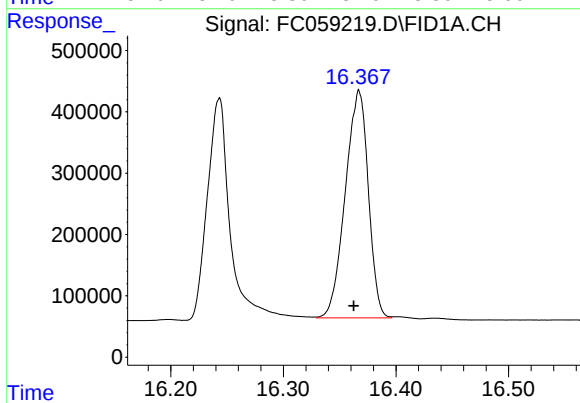
#14 n-Tetracosane (C24)

R.T.: 14.403 min
Delta R.T.: 0.002 min
Response: 6019289
Conc: 47.65 ug/ml



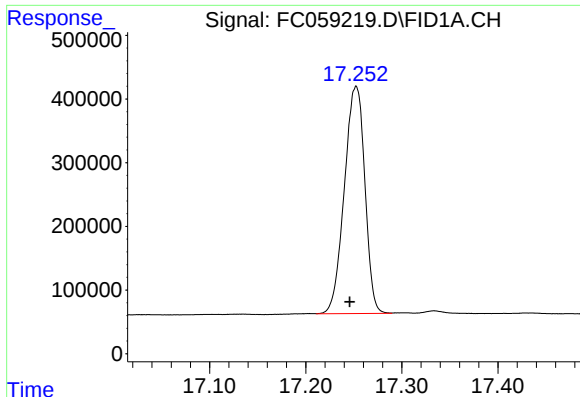
#15 n-Hexacosane (C26)

R.T.: 15.422 min
Delta R.T.: 0.005 min
Response: 5378763
Conc: 44.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.367 min
Delta R.T.: 0.004 min
Response: 5279820
Conc: 44.59 ug/ml m



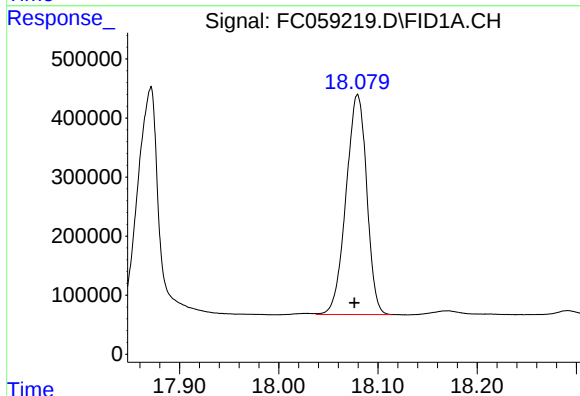
#17 n-Tricontane (C30)

R.T.: 17.252 min
Delta R.T.: 0.006 min
Response: 5269167
Conc: 46.19 ug/ml

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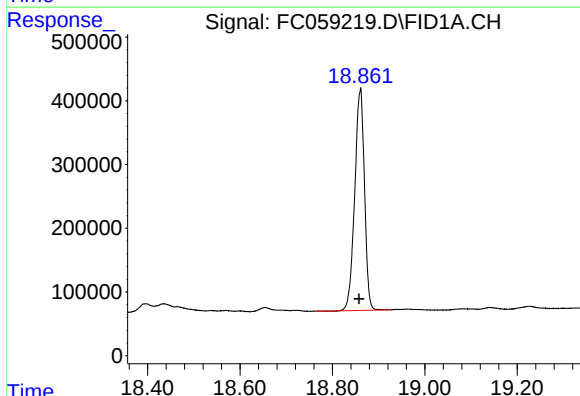
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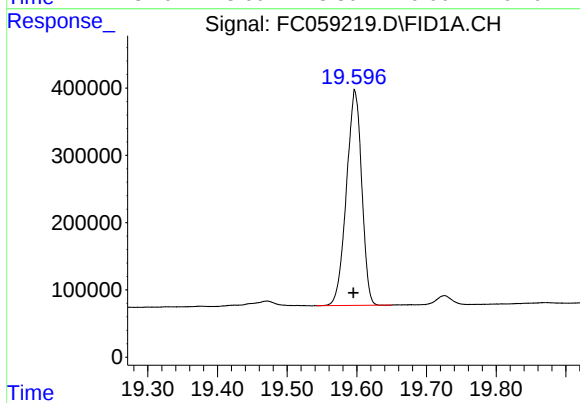
#18 n-Dotriacontane (C32)

R.T.: 18.079 min
Delta R.T.: 0.003 min
Response: 5407168
Conc: 50.47 ug/ml m



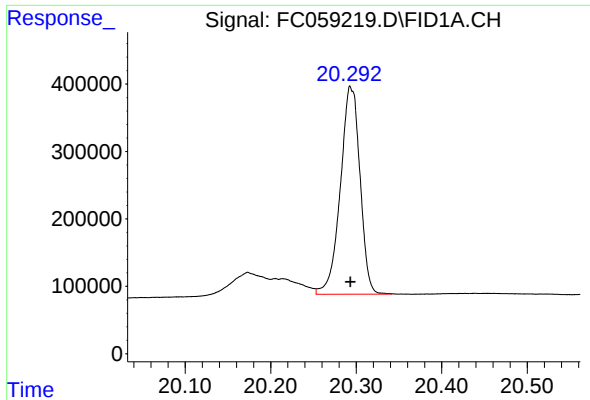
#19 n-Tetratriacontane (C34)

R.T.: 18.860 min
Delta R.T.: 0.002 min
Response: 5099124
Conc: 50.47 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.597 min
Delta R.T.: 0.002 min
Response: 4872808
Conc: 51.00 ug/ml



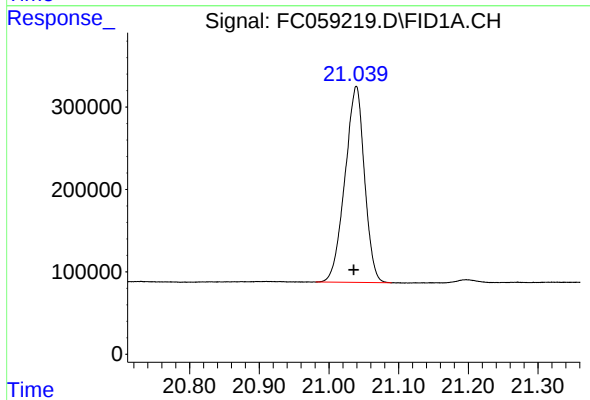
#21 n-Octatriacontane (C38)

R.T.: 20.292 min
Delta R.T.: 0.000 min
Response: 4919839
Conc: 53.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.038 min
Delta R.T.: 0.003 min
Response: 4627243
Conc: 49.79 ug/ml