

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042822AL\
 Data File : FC059523.D
 Signal(s) : FID1A.CH
 Acq On : 28 Apr 2022 23:26
 Operator : UA/NP
 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 :Yogesh Patel 04/29/2022
 Supervised By :mohammad ahmed 04/29/2022

Integration File: sample.E
 Quant Time: Apr 29 02:41:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:30:29 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)	11.093	3421061	21.290 ug/ml
Spiked Amount 50.000		Recovery =	42.58%
12) S 1-chlorooctadecane (S...	12.540	2693551	20.627 ug/ml
Spiked Amount 50.000		Recovery =	41.25%
Target Compounds			
1) T n-Nonane (C9)	2.960	2818334	22.487 ug/ml
2) T n-Decane (C10)	3.999	2841343	22.743 ug/ml
3) T A~Naphthalene (C11.7)	5.549	3032831	24.724 ug/ml
4) T n-Dodecane (C12)	5.996	3014277	22.858 ug/ml
5) T A~2-methylnaphthalene...	6.596	3056522	24.219 ug/ml
6) T n-Tetradecane (C14)	7.778	3093911	22.873 ug/ml
7) T n-Hexadecane (C16)	9.368	3169144	22.565 ug/ml
8) T n-Octadecane (C18)	10.800	3217996	22.029 ug/ml
10) T n-Eicosane (C20)	12.103	3160906	21.077 ug/ml
11) T n-Heneicosane (C21)	12.711	3136387	20.619 ug/ml
13) T n-Docosane (C22)	13.294	3136274	20.469 ug/ml
14) T n-Tetracosane (C24)	14.391	3031668	19.579 ug/ml
15) T n-Hexacosane (C26)	15.408	2907058	18.862 ug/ml
16) T n-Octacosane (C28)	16.354	2819656	18.214 ug/mlm
17) T n-Tricontane (C30)	17.237	2746016	18.079 ug/ml
18) T n-Dotriacontane (C32)	18.065	2557391	18.150 ug/ml
19) T n-Tetratriacontane (C34)	18.845	2294249	18.153 ug/ml
20) T n-Hexatriacontane (C36)	19.583	2044171	18.689 ug/ml
21) T n-Octatriacontane (C38)	20.280	1895773	20.356 ug/mlm
22) T n-Tetracontane (C40)	21.018	1813500	21.711 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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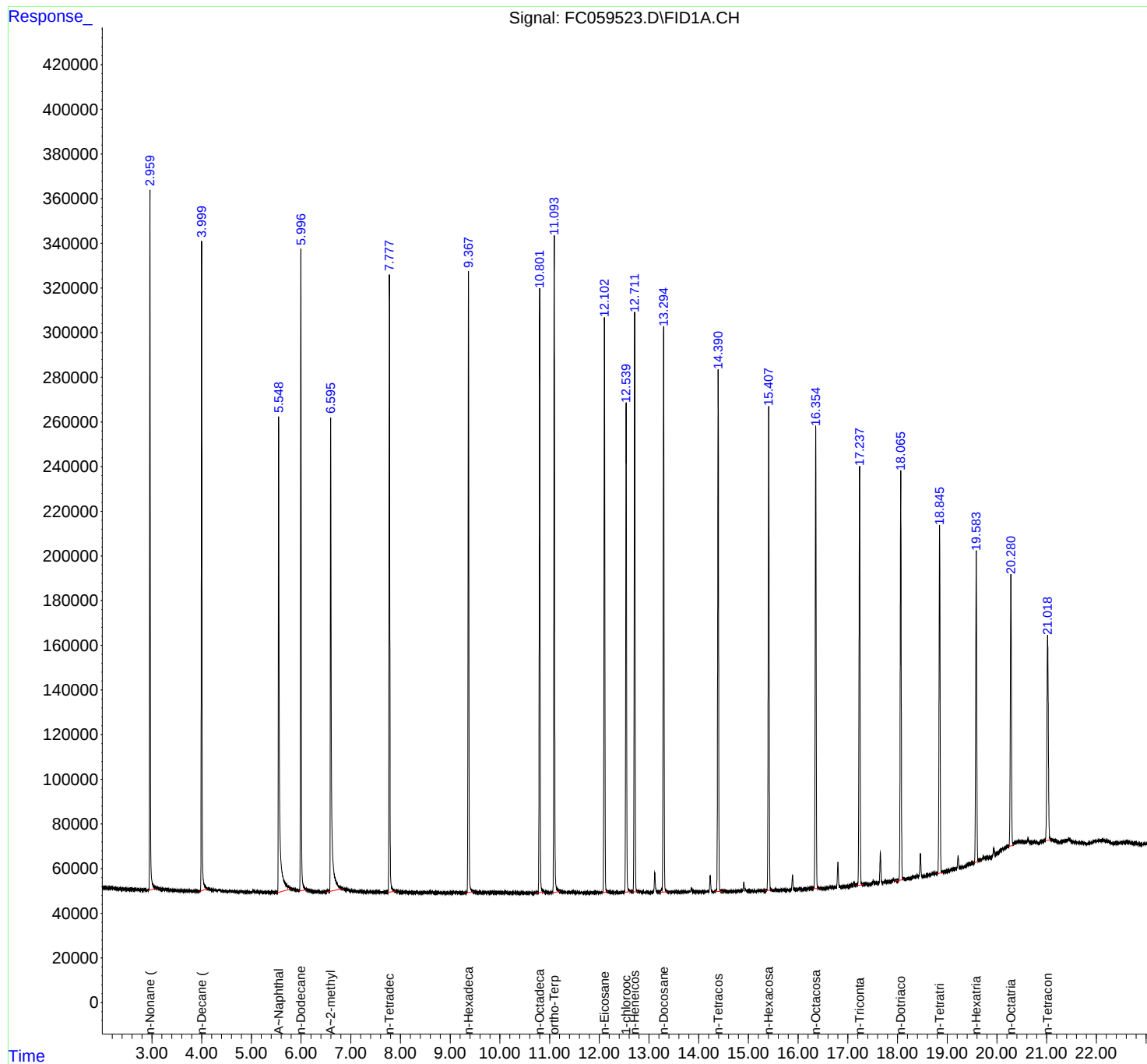
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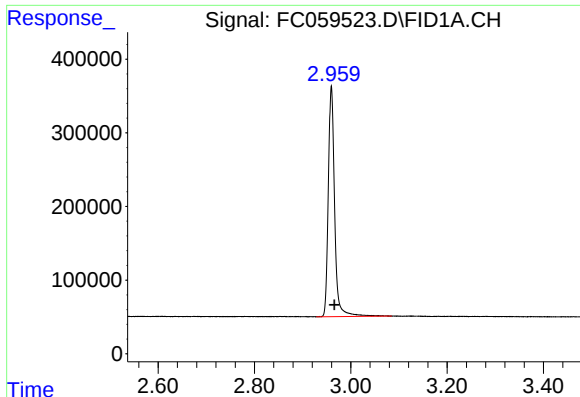
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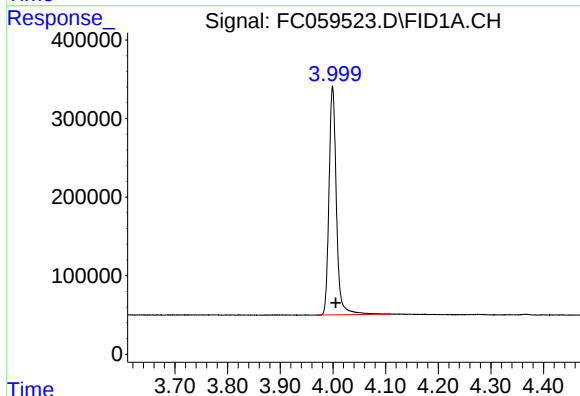
#1 n-Nonane (C9)

R.T.: 2.960 min
Delta R.T.: -0.006 min
Response: 2818334
Conc: 22.49 ug/ml

Instrument :
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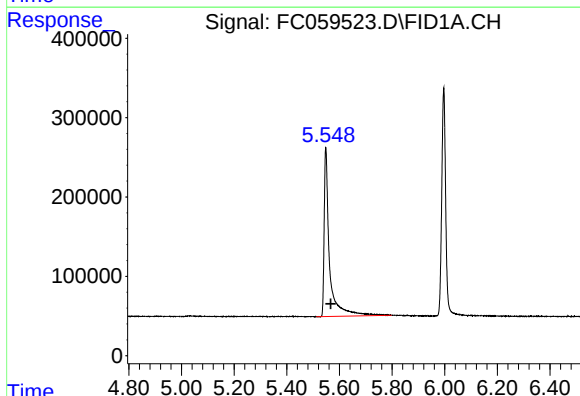
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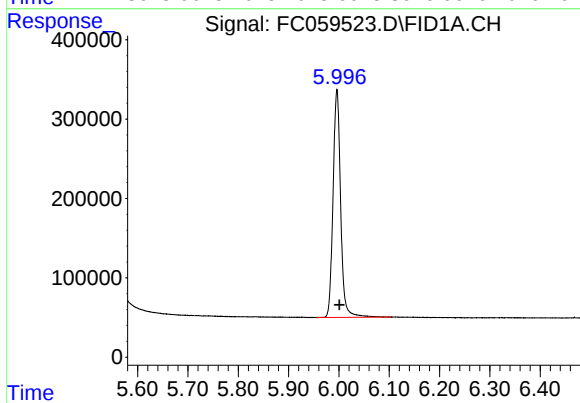
#2 n-Decane (C10)

R.T.: 3.999 min
Delta R.T.: -0.006 min
Response: 2841343
Conc: 22.74 ug/ml



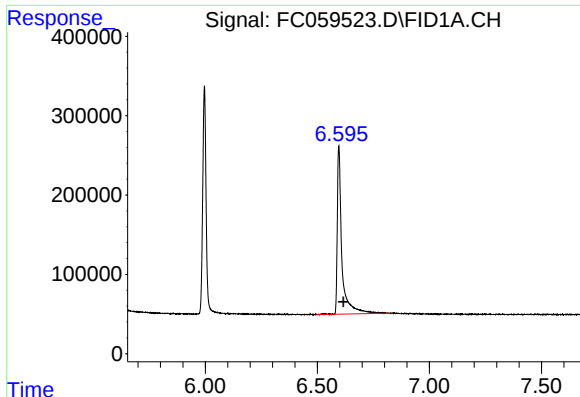
#3 A~Naphthalene (C11.7)

R.T.: 5.549 min
Delta R.T.: -0.018 min
Response: 3032831
Conc: 24.72 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.996 min
Delta R.T.: -0.005 min
Response: 3014277
Conc: 22.86 ug/ml



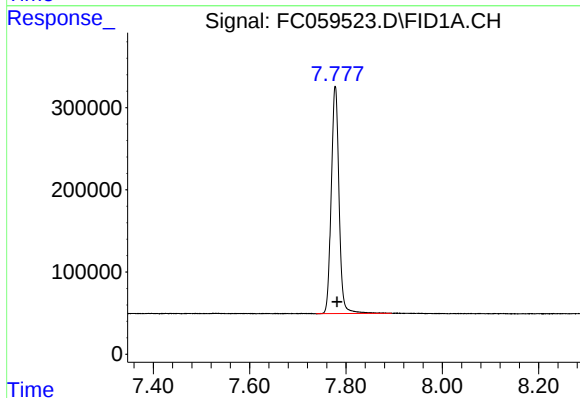
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.596 min
Delta R.T.: -0.020 min
Response: 3056522
Conc: 24.22 ug/ml

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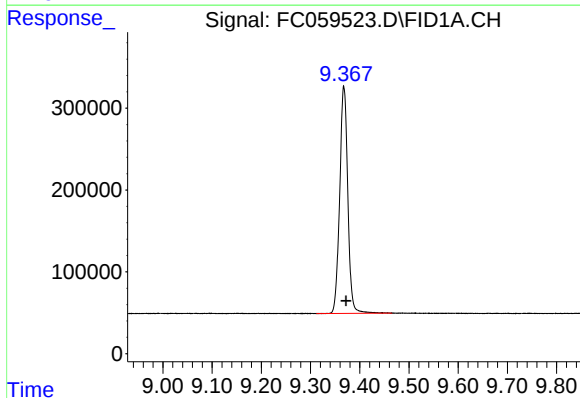
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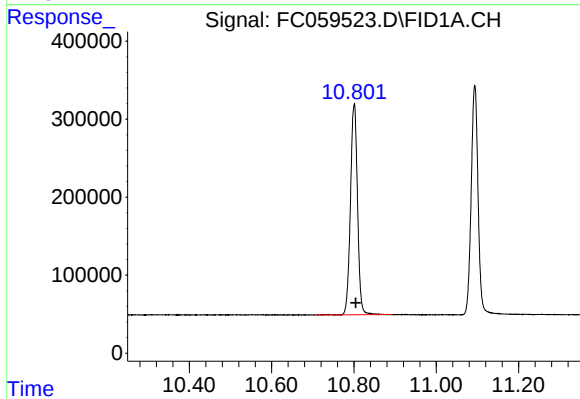
#6 n-Tetradecane (C14)

R.T.: 7.778 min
Delta R.T.: -0.004 min
Response: 3093911
Conc: 22.87 ug/ml



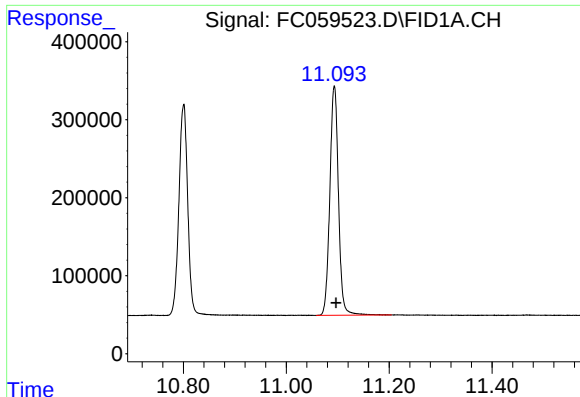
#7 n-Hexadecane (C16)

R.T.: 9.368 min
Delta R.T.: -0.004 min
Response: 3169144
Conc: 22.57 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.800 min
Delta R.T.: -0.004 min
Response: 3217996
Conc: 22.03 ug/ml



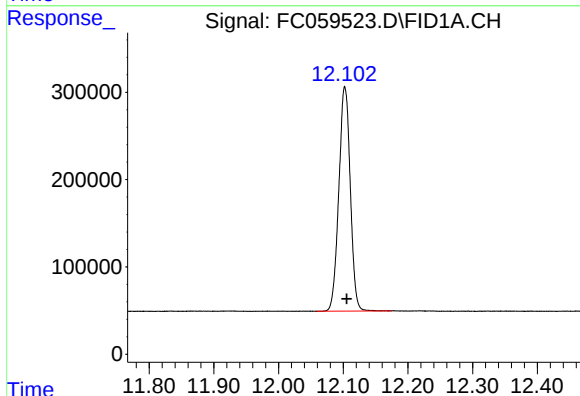
#9 ortho-Terphenyl (SURR)

R.T.: 11.093 min
Delta R.T.: -0.004 min
Response: 3421061
Conc: 21.29 ug/ml

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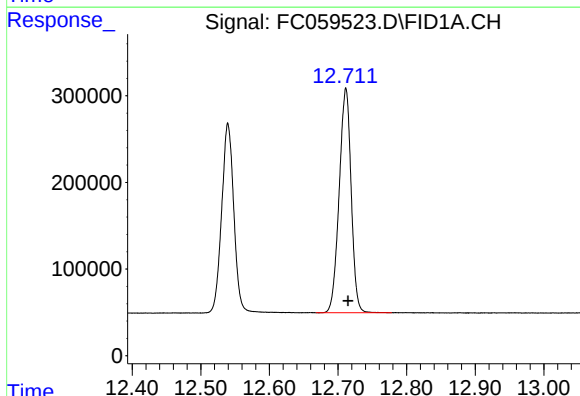
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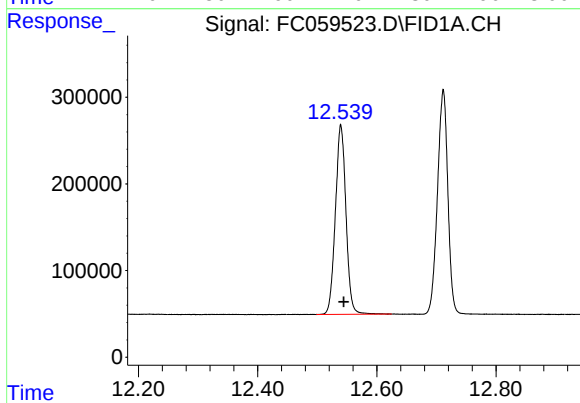
#10 n-Eicosane (C20)

R.T.: 12.103 min
Delta R.T.: -0.003 min
Response: 3160906
Conc: 21.08 ug/ml



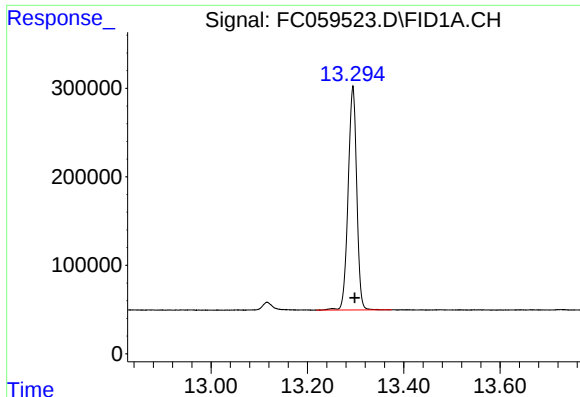
#11 n-Heneicosane (C21)

R.T.: 12.711 min
Delta R.T.: -0.003 min
Response: 3136387
Conc: 20.62 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.540 min
Delta R.T.: -0.005 min
Response: 2693551
Conc: 20.63 ug/ml



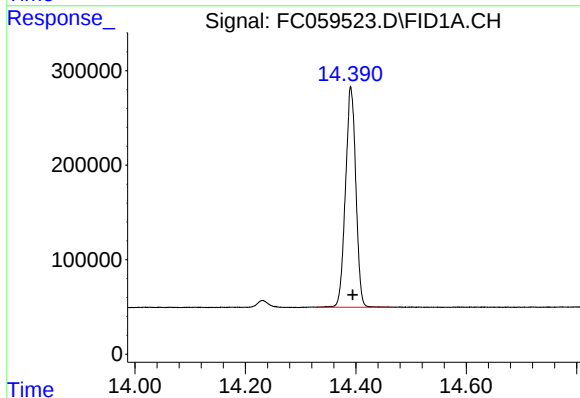
#13 n-Docosane (C22)

R.T.: 13.294 min
Delta R.T.: -0.004 min
Response: 3136274
Conc: 20.47 ug/ml

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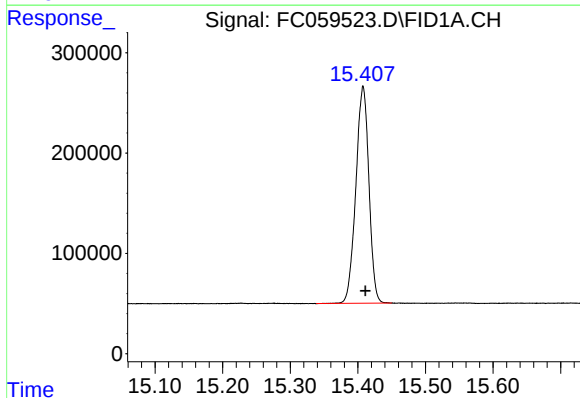
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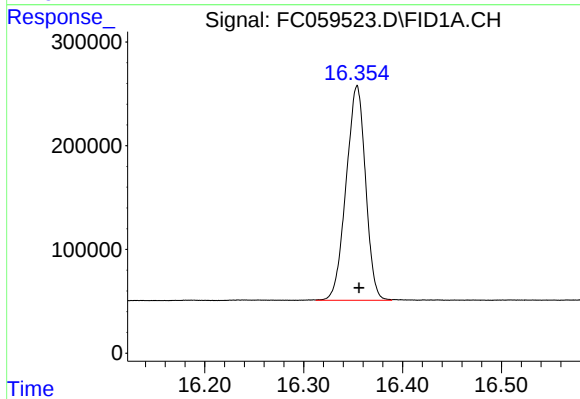
#14 n-Tetracosane (C24)

R.T.: 14.391 min
Delta R.T.: -0.003 min
Response: 3031668
Conc: 19.58 ug/ml



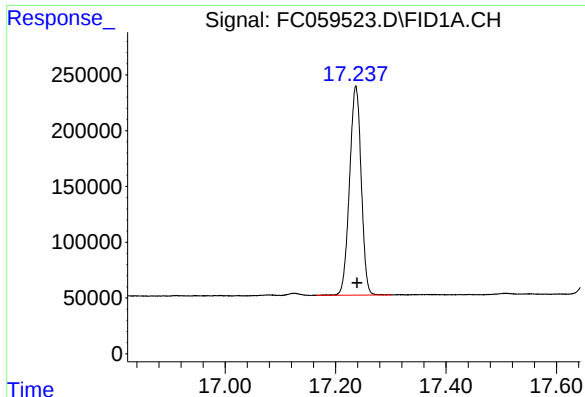
#15 n-Hexacosane (C26)

R.T.: 15.408 min
Delta R.T.: -0.003 min
Response: 2907058
Conc: 18.86 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.354 min
Delta R.T.: -0.002 min
Response: 2819656
Conc: 18.21 ug/ml m



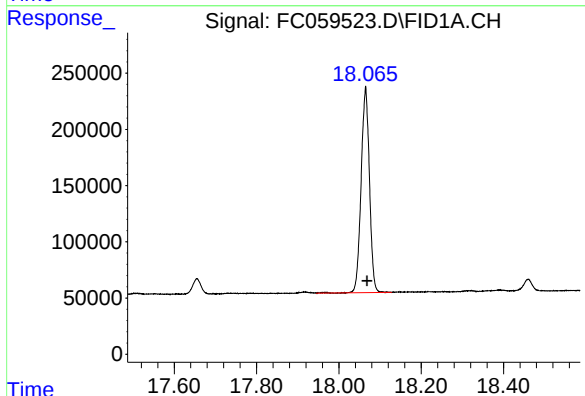
#17 n-Tricontane (C30)

R.T.: 17.237 min
Delta R.T.: -0.002 min
Response: 2746016
Conc: 18.08 ug/ml

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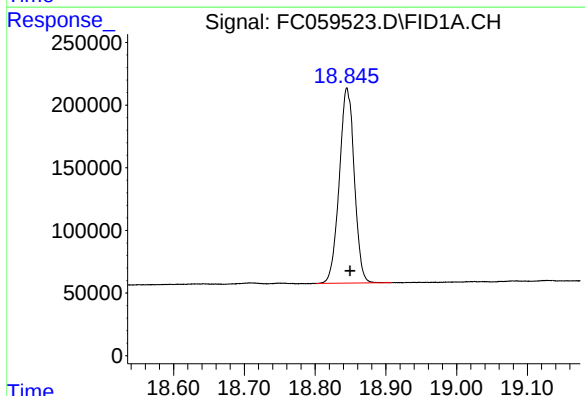
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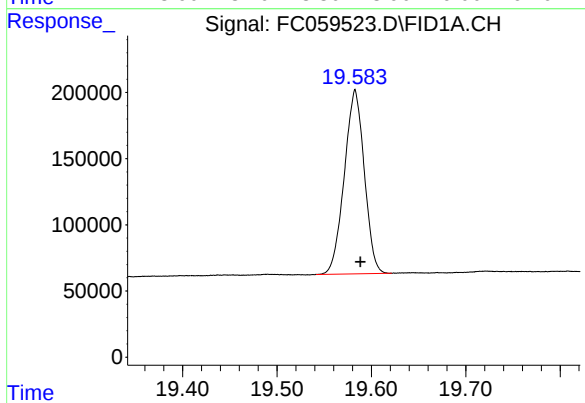
#18 n-Dotriacontane (C32)

R.T.: 18.065 min
Delta R.T.: -0.004 min
Response: 2557391
Conc: 18.15 ug/ml



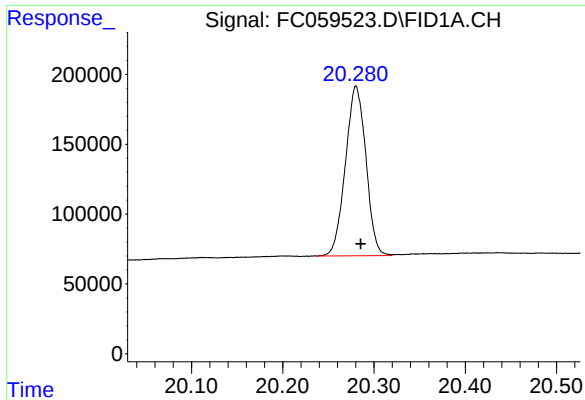
#19 n-Tetratriacontane (C34)

R.T.: 18.845 min
Delta R.T.: -0.004 min
Response: 2294249
Conc: 18.15 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.583 min
Delta R.T.: -0.006 min
Response: 2044171
Conc: 18.69 ug/ml



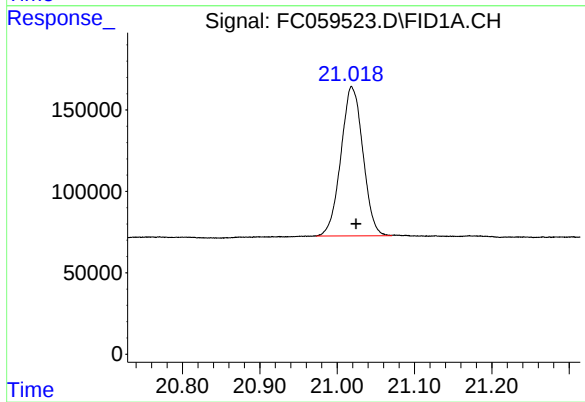
#21 n-Octatriacontane (C38)

R.T.: 20.280 min
Delta R.T.: -0.005 min
Response: 1895773
Conc: 20.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.018 min
Delta R.T.: -0.007 min
Response: 1813500
Conc: 21.71 ug/ml m