

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120221AL\
 Data File : FC057163.D
 Signal(s) : FID1A.CH
 Acq On : 02 Dec 2021 14:26
 Operator : AJ\MA
 Sample : PB141114BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB141114BSD

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 00:49:52 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)	11.599	4905364	42.271 ug/ml
Spiked Amount 50.000		Recovery =	84.54%
12) S 1-chlorooctadecane (S...	13.031	3965335	43.557 ug/ml
Spiked Amount 50.000		Recovery =	87.11%
Target Compounds			
1) T n-Nonane (C9)	3.366	3495583	34.497 ug/ml
2) T n-Decane (C10)	4.428	3701744	36.966 ug/ml
3) T A~Naphthalene (C11.7)	6.015	4459162	39.935 ug/ml
4) T n-Dodecane (C12)	6.442	4038811	39.834 ug/ml
5) T A~2-methylnaphthalene...	7.072	4492705	40.746 ug/ml
6) T n-Tetradecane (C14)	8.237	4365392	43.085 ug/ml
7) T n-Hexadecane (C16)	9.837	4659302	45.405 ug/ml
8) T n-Octadecane (C18)	11.278	4830230	45.084 ug/ml
10) T n-Eicosane (C20)	12.585	4671587	43.678 ug/ml
11) T n-Heneicosane (C21)	13.196	4581082	42.303 ug/ml
13) T n-Docosane (C22)	13.781	4495140	41.958 ug/ml
14) T n-Tetracosane (C24)	14.883	8655525	79.954 ug/ml
15) T n-Hexacosane (C26)	15.903	4217003	39.590 ug/ml
16) T n-Octacosane (C28)	16.848	4179447	39.183 ug/ml
17) T n-Tricontane (C30)	17.734	4011262	37.634 ug/ml
18) T n-Dotriacontane (C32)	18.561	3791351	35.944 ug/ml
19) T n-Tetratriacontane (C34)	19.344	3506022	33.748 ug/mlm
20) T n-Hexatriacontane (C36)	20.076	2983676	29.539 ug/mlm
21) T n-Octatriacontane (C38)	20.812	2569857	27.995 ug/ml
22) T n-Tetracontane (C40)	21.719	2299023	25.521 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\MA
Sample : PB141114BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

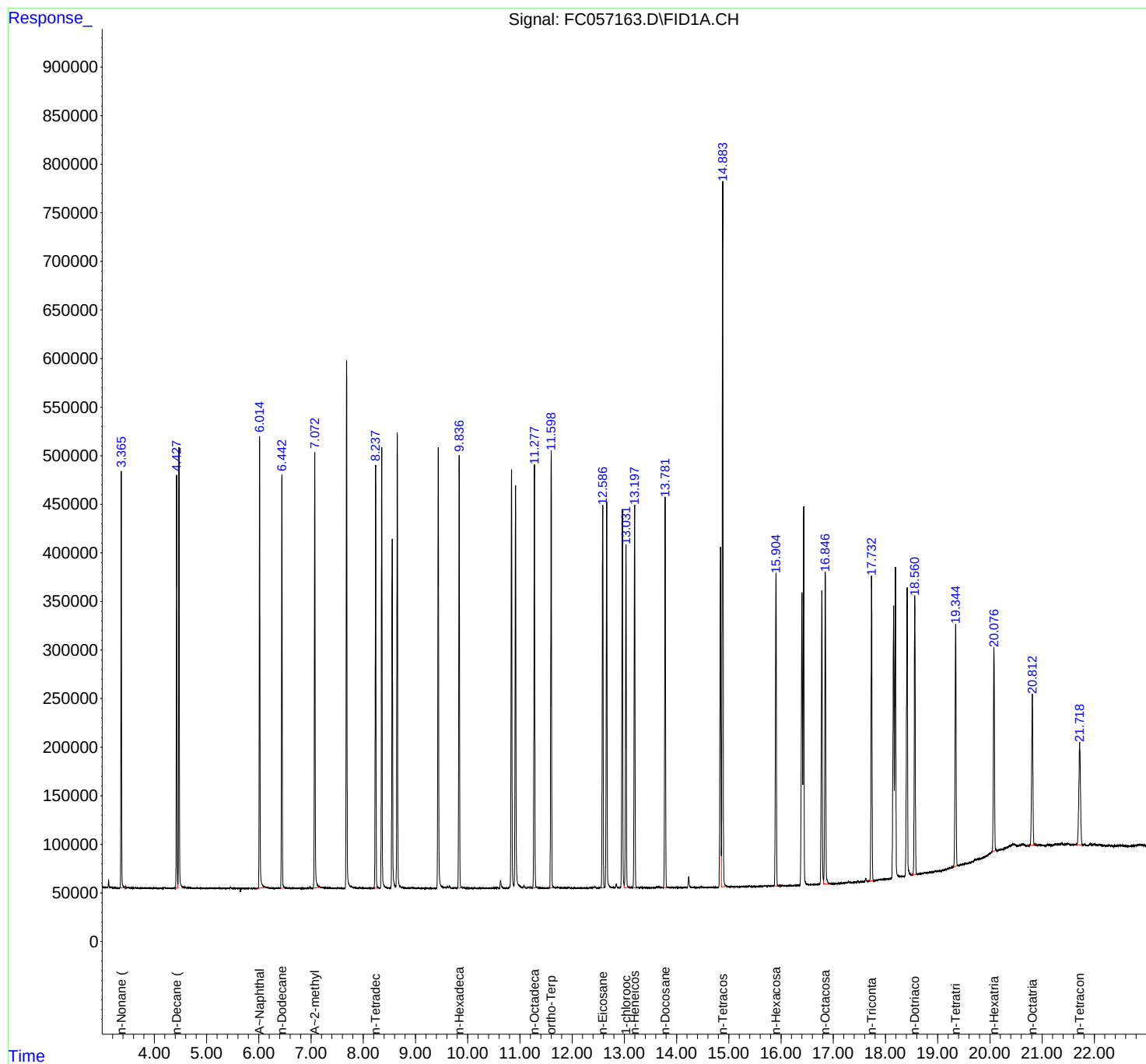
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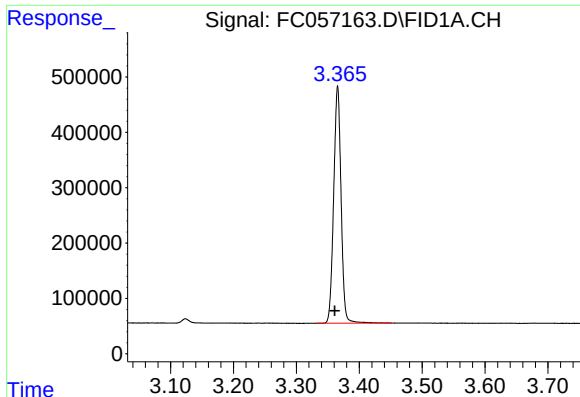
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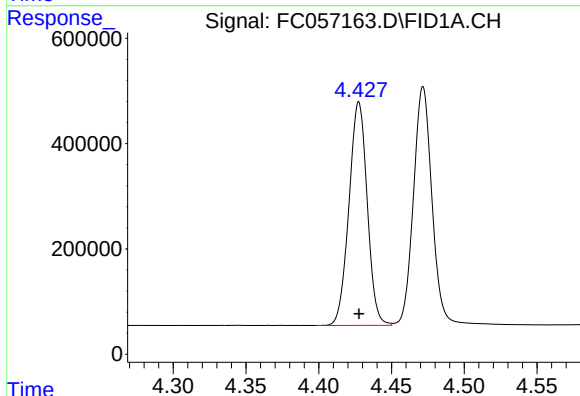
#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: 0.005 min
Response: 3495583
Conc: 34.50 ug/ml

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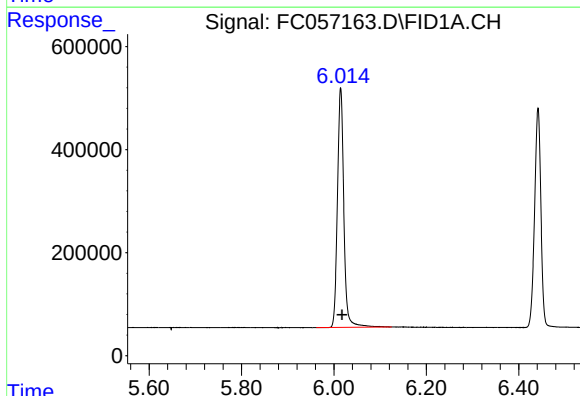
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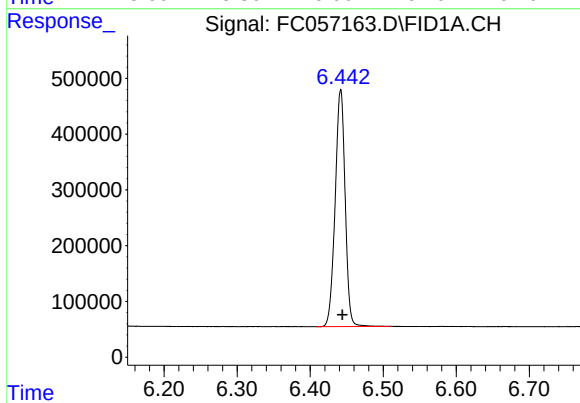
#2 n-Decane (C10)

R.T.: 4.428 min
Delta R.T.: 0.000 min
Response: 3701744
Conc: 36.97 ug/ml



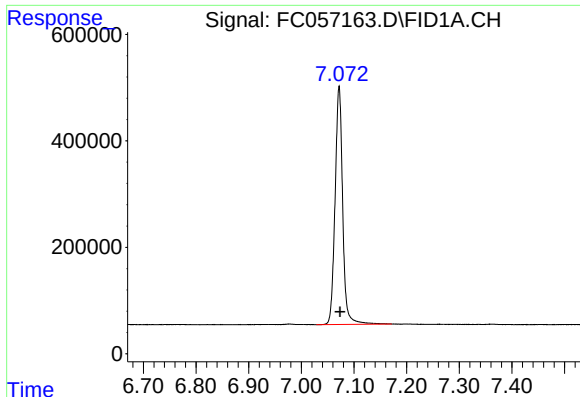
#3 A~Naphthalene (C11.7)

R.T.: 6.015 min
Delta R.T.: -0.003 min
Response: 4459162
Conc: 39.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.442 min
Delta R.T.: -0.003 min
Response: 4038811
Conc: 39.83 ug/ml



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

R.T.: 7.072 min
Delta R.T.: -0.002 min
Response: 4492705
Conc: 40.75 ug/ml

Instrument :

FID_C

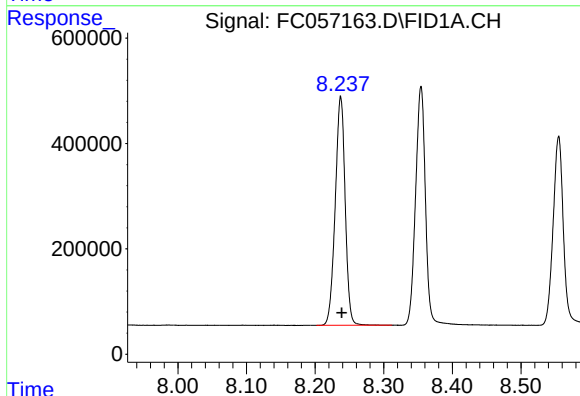
ClientSampleId :

PB141114BSD

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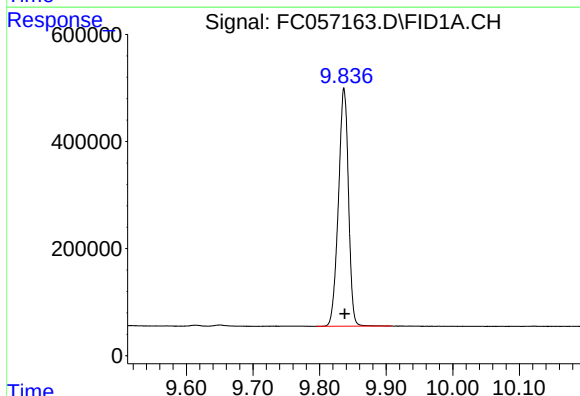
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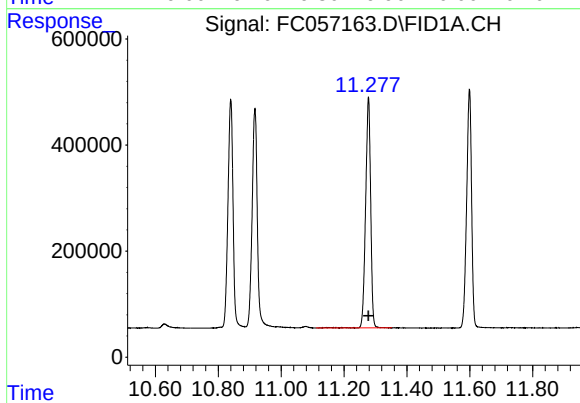
#6 n-Tetradecane (C14)

R.T.: 8.237 min
Delta R.T.: -0.002 min
Response: 4365392
Conc: 43.09 ug/ml



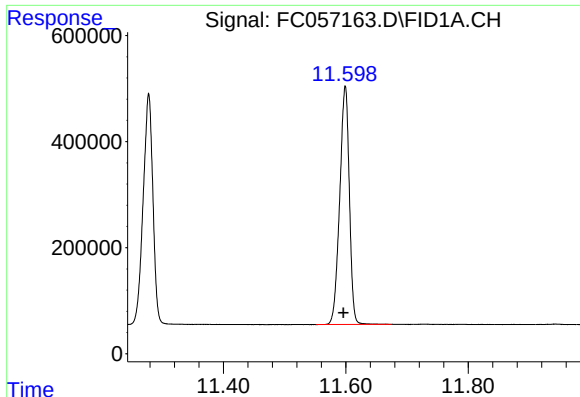
#7 n-Hexadecane (C16)

R.T.: 9.837 min
Delta R.T.: 0.000 min
Response: 4659302
Conc: 45.40 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.278 min
Delta R.T.: 0.000 min
Response: 4830230
Conc: 45.08 ug/ml



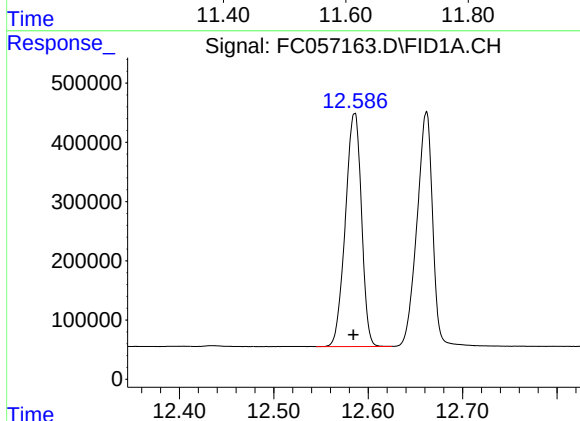
#9 ortho-Terphenyl (SURR)

R.T.: 11.599 min
Delta R.T.: 0.003 min
Response: 4905364
Conc: 42.27 ug/ml

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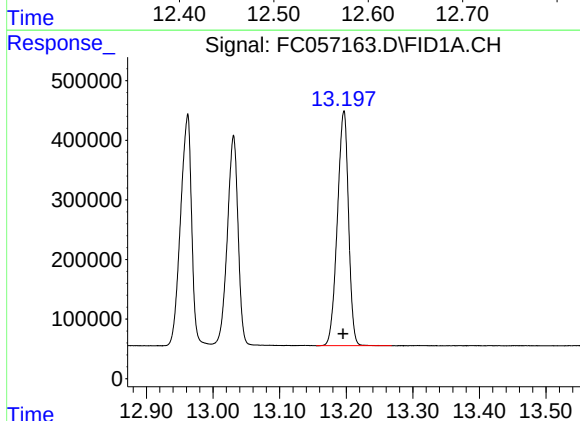
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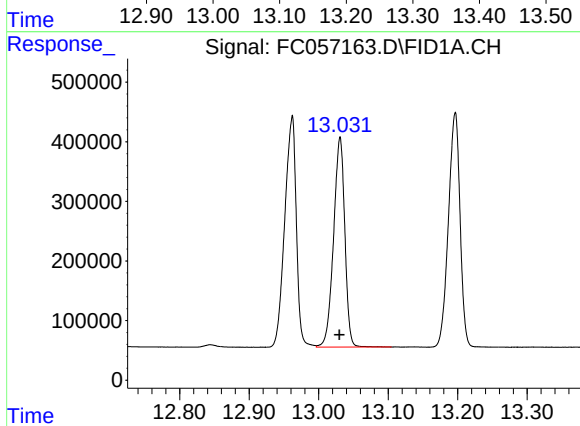
#10 n-Eicosane (C20)

R.T.: 12.585 min
Delta R.T.: 0.001 min
Response: 4671587
Conc: 43.68 ug/ml



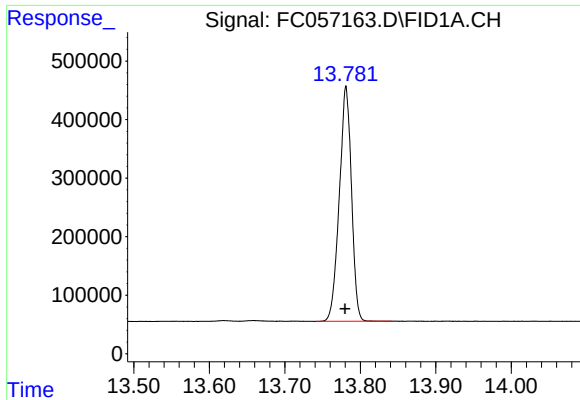
#11 n-Heneicosane (C21)

R.T.: 13.196 min
Delta R.T.: 0.000 min
Response: 4581082
Conc: 42.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.031 min
Delta R.T.: 0.000 min
Response: 3965335
Conc: 43.56 ug/ml



#13 n-Docosane (C22)

R.T.: 13.781 min
Delta R.T.: 0.001 min
Response: 4495140
Conc: 41.96 ug/ml

Instrument :

FID_C

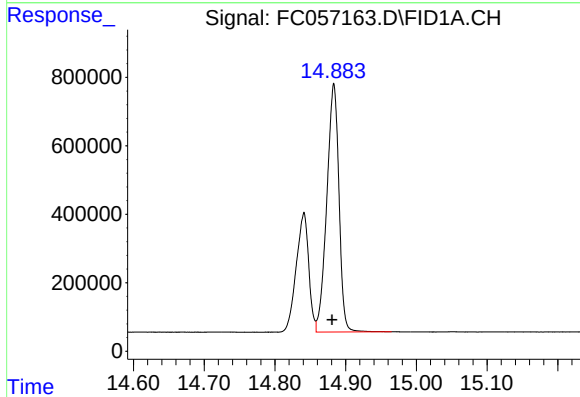
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PB141114BSD

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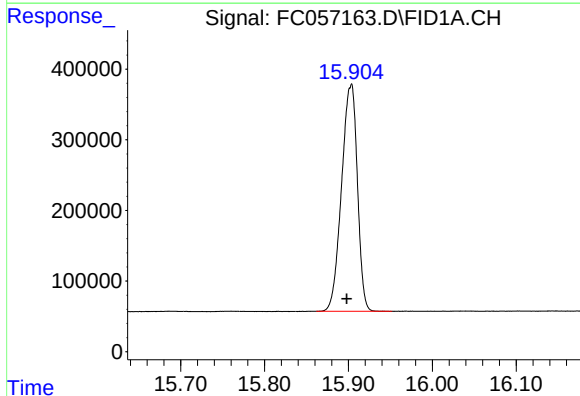
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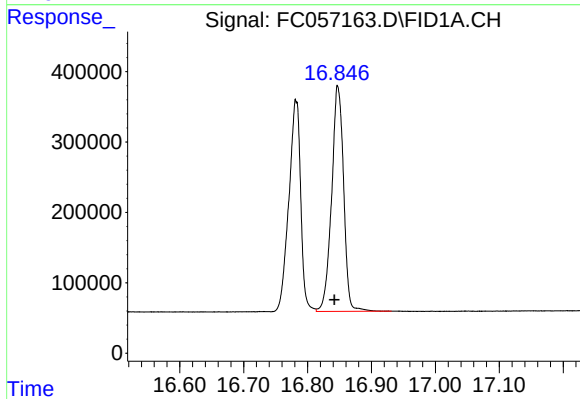
#14 n-Tetracosane (C24)

R.T.: 14.883 min
Delta R.T.: 0.003 min
Response: 8655525
Conc: 79.95 ug/ml



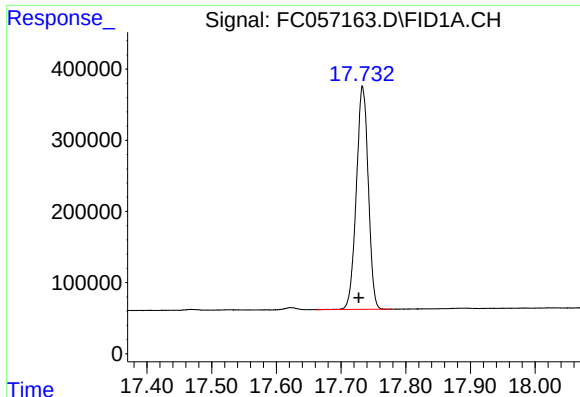
#15 n-Hexacosane (C26)

R.T.: 15.903 min
Delta R.T.: 0.005 min
Response: 4217003
Conc: 39.59 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.848 min
Delta R.T.: 0.006 min
Response: 4179447
Conc: 39.18 ug/ml



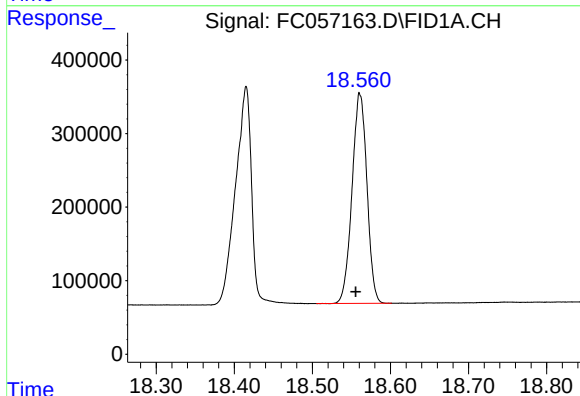
#17 n-Tricontane (C30)

R.T.: 17.734 min
Delta R.T.: 0.006 min
Response: 4011262
Conc: 37.63 ug/ml

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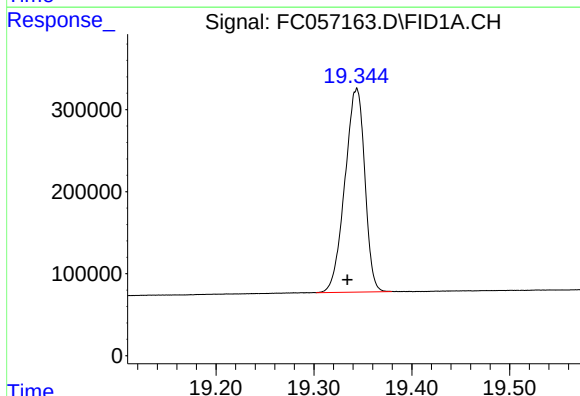
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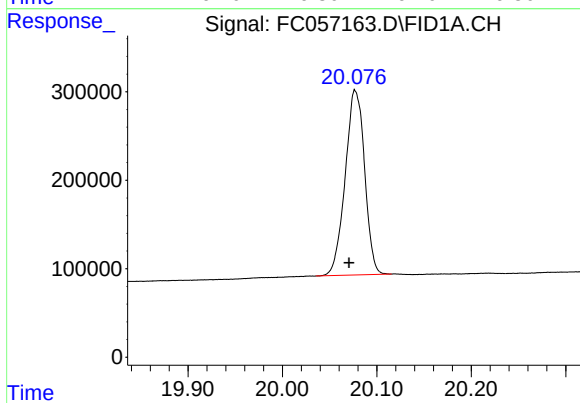
#18 n-Dotriacontane (C32)

R.T.: 18.561 min
Delta R.T.: 0.006 min
Response: 3791351
Conc: 35.94 ug/ml



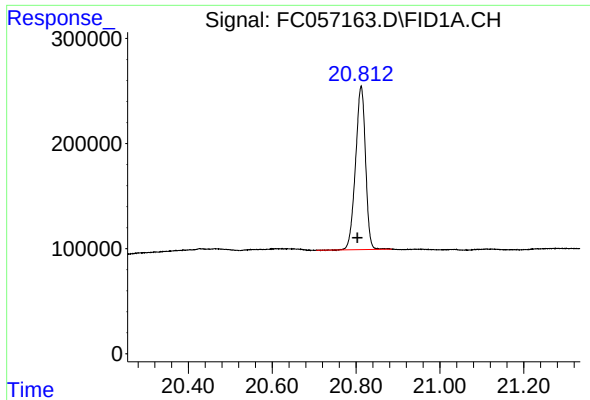
#19 n-Tetratriacontane (C34)

R.T.: 19.344 min
Delta R.T.: 0.009 min
Response: 3506022
Conc: 33.75 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.076 min
Delta R.T.: 0.006 min
Response: 2983676
Conc: 29.54 ug/ml m



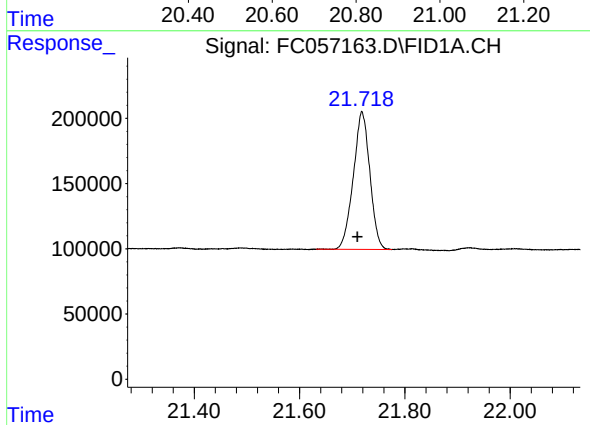
#21 n-Octatriacontane (C38)

R.T.: 20.812 min
Delta R.T.: 0.009 min
Response: 2569857
Conc: 28.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.719 min
Delta R.T.: 0.008 min
Response: 2299023
Conc: 25.52 ug/ml