

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041922AL\
 Data File : FC059309.D
 Signal(s) : FID1A.CH
 Acq On : 19 Apr 2022 21:04
 Operator : UA/NP
 Sample : PB144213BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB144213BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/20/2022
 Supervised By :mohammad ahmed 04/20/2022

Integration File: autoint1.e
 Quant Time: Apr 20 01:09:17 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)	11.106	5669351	39.348 ug/ml
Spiked Amount 50.000		Recovery =	78.70%
12) S 1-chlorooctadecane (S...	12.553	4642562	41.417 ug/ml
Spiked Amount 50.000		Recovery =	82.83%
Target Compounds			
1) T n-Nonane (C9)	2.983	5068065	41.356 ug/ml
2) T n-Decane (C10)	4.016	5312711	43.353 ug/ml
3) T A~Naphthalene (C11.7)	5.558	5807160	46.252 ug/ml
4) T n-Dodecane (C12)	6.006	5465574	42.791 ug/ml
5) T A~2-methylnaphthalene...	6.605	5524131	43.091 ug/ml
6) T n-Tetradecane (C14)	7.789	5468076	42.055 ug/ml
7) T n-Hexadecane (C16)	9.379	5512393	41.511 ug/ml
8) T n-Octadecane (C18)	10.814	5692090	42.812 ug/ml
10) T n-Eicosane (C20)	12.117	5291959	40.389 ug/mlm
11) T n-Heneicosane (C21)	12.725	5443888	41.722 ug/ml
13) T n-Docosane (C22)	13.309	5346607	41.272 ug/mlm
14) T n-Tetracosane (C24)	14.407	5919879	46.863 ug/ml
15) T n-Hexacosane (C26)	15.426	5239206	43.374 ug/mlm
16) T n-Octacosane (C28)	16.370	5290347	44.678 ug/ml
17) T n-Tricontane (C30)	17.259	5006499	43.887 ug/mlm
18) T n-Dotriacontane (C32)	18.084	4930502	46.024 ug/ml
19) T n-Tetratriacontane (C34)	18.865	3905983	38.659 ug/ml
20) T n-Hexatriacontane (C36)	19.601	3002039	31.419 ug/mlm
21) T n-Octatriacontane (C38)	20.298	2338765	25.416 ug/mlm
22) T n-Tetracontane (C40)	21.045	2070238	22.275 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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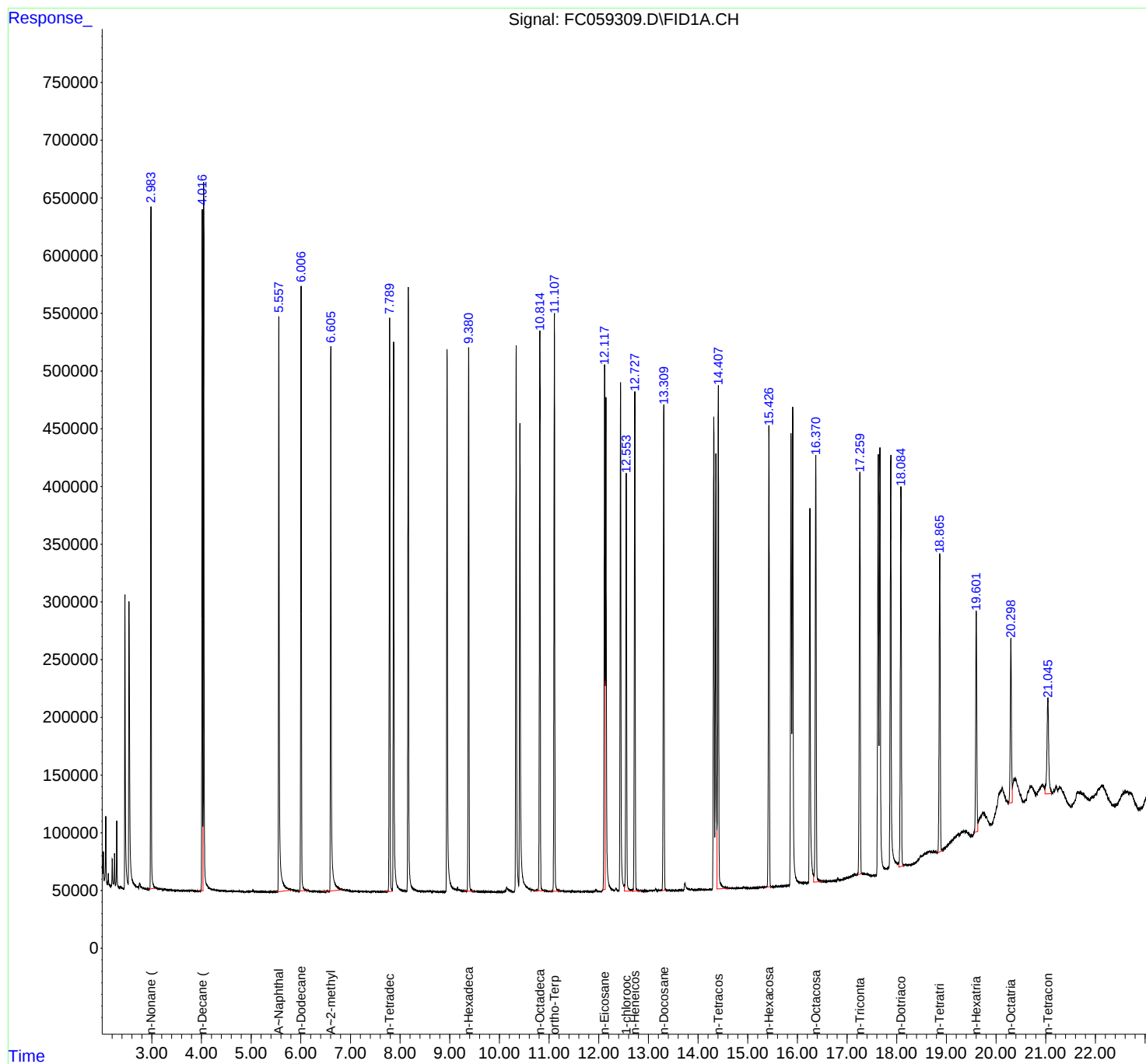
Instrument :
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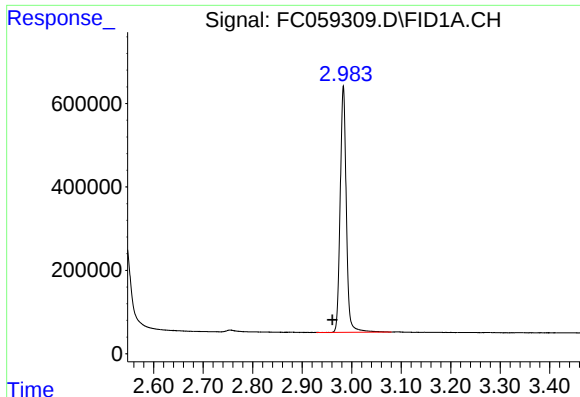
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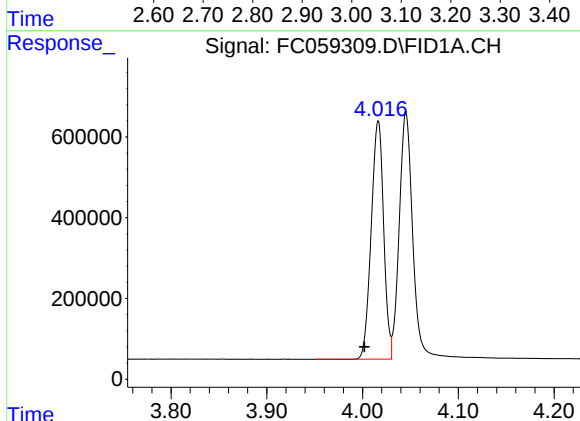
#1 n-Nonane (C9)

R.T.: 2.983 min
Delta R.T.: 0.022 min
Response: 5068065
Conc: 41.36 ug/ml

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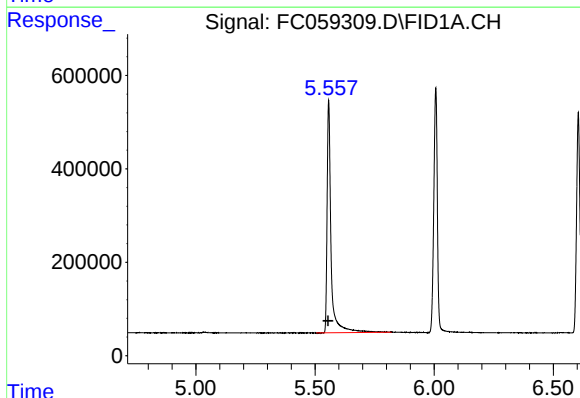
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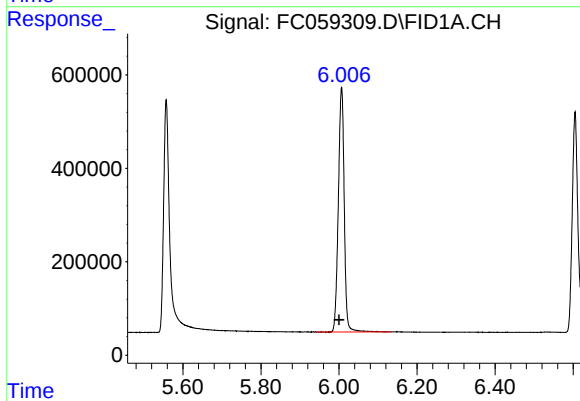
#2 n-Decane (C10)

R.T.: 4.016 min
Delta R.T.: 0.014 min
Response: 5312711
Conc: 43.35 ug/ml



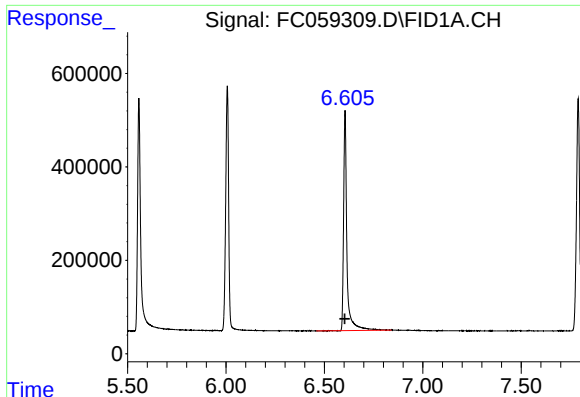
#3 A~Naphthalene (C11.7)

R.T.: 5.558 min
Delta R.T.: 0.002 min
Response: 5807160
Conc: 46.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.006 min
Delta R.T.: 0.007 min
Response: 5465574
Conc: 42.79 ug/ml



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

R.T.: 6.605 min
Delta R.T.: 0.002 min
Response: 5524131
Conc: 43.09 ug/ml

Instrument :

FID_C

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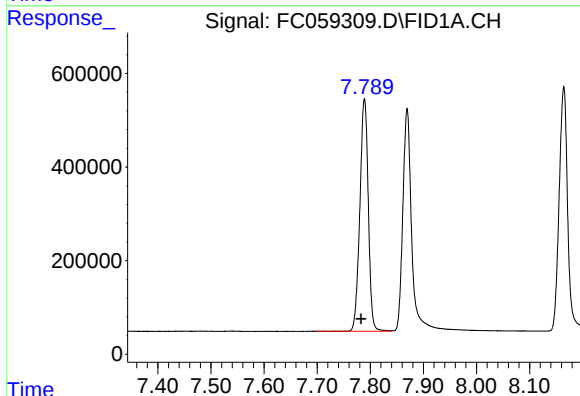
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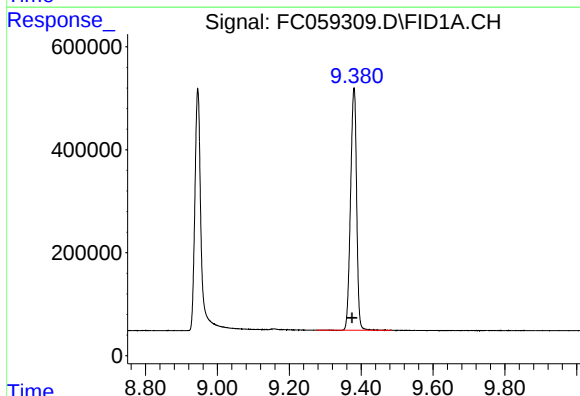
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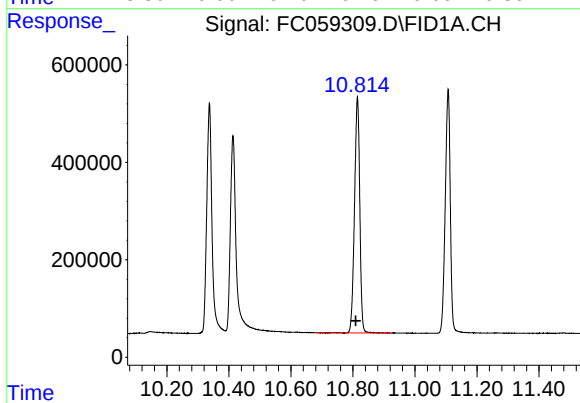
#6 n-Tetradecane (C14)

R.T.: 7.789 min
Delta R.T.: 0.007 min
Response: 5468076
Conc: 42.06 ug/ml



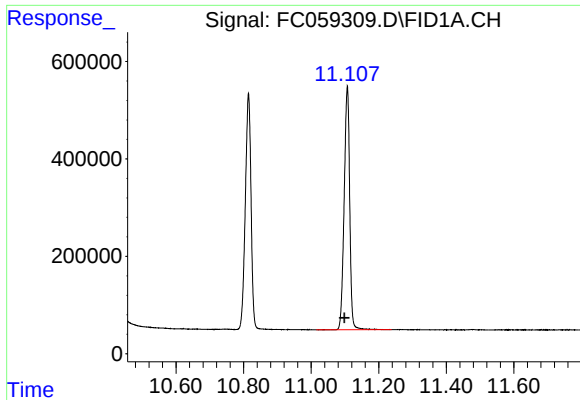
#7 n-Hexadecane (C16)

R.T.: 9.379 min
Delta R.T.: 0.005 min
Response: 5512393
Conc: 41.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.814 min
Delta R.T.: 0.005 min
Response: 5692090
Conc: 42.81 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.106 min
Delta R.T.: 0.008 min
Response: 5669351
Conc: 39.35 ug/ml

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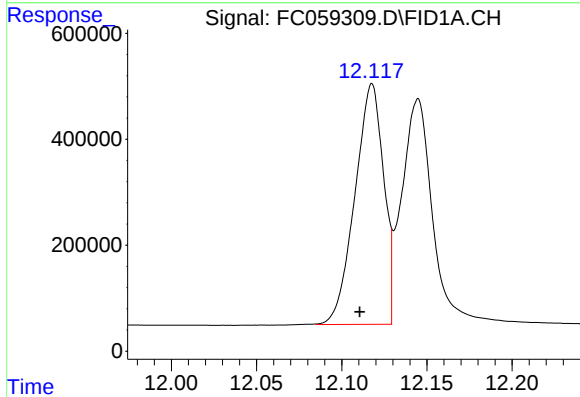
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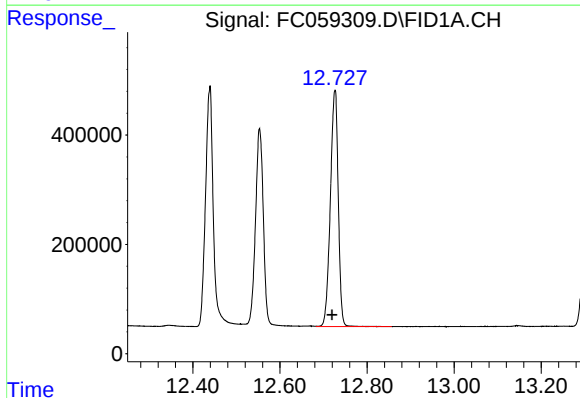
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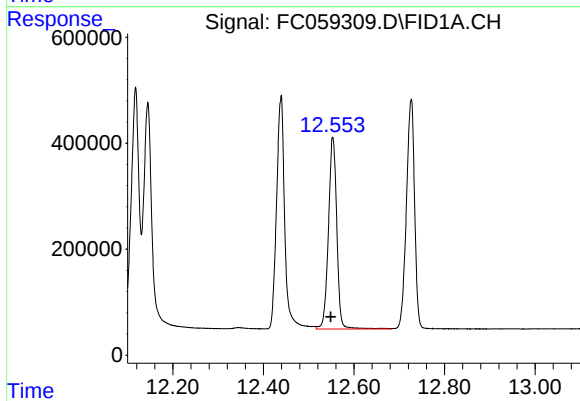
#10 n-Eicosane (C20)

R.T.: 12.117 min
Delta R.T.: 0.007 min
Response: 5291959
Conc: 40.39 ug/ml m



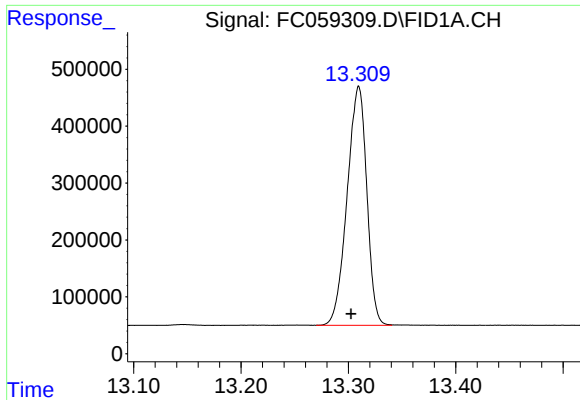
#11 n-Heneicosane (C21)

R.T.: 12.725 min
Delta R.T.: 0.006 min
Response: 5443888
Conc: 41.72 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.553 min
Delta R.T.: 0.005 min
Response: 4642562
Conc: 41.42 ug/ml



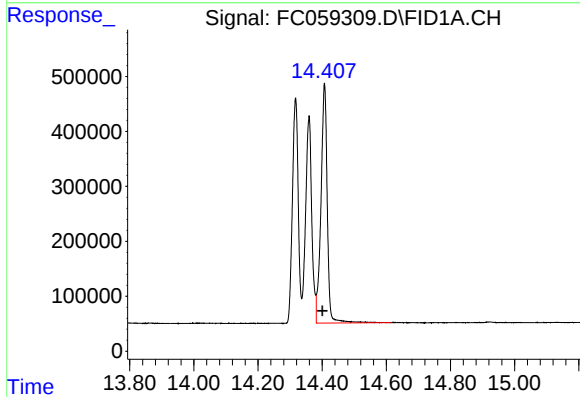
#13 n-Docosane (C22)

R.T.: 13.309 min
Delta R.T.: 0.007 min
Response: 5346607
Conc: 41.27 ug/ml

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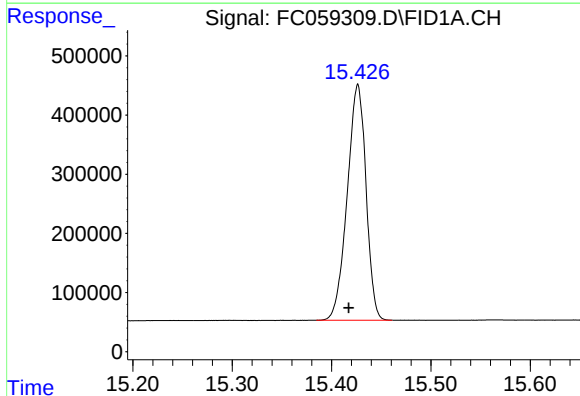
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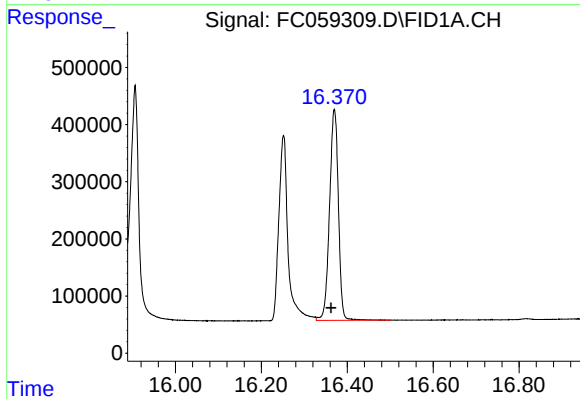
#14 n-Tetracosane (C24)

R.T.: 14.407 min
Delta R.T.: 0.006 min
Response: 5919879
Conc: 46.86 ug/ml



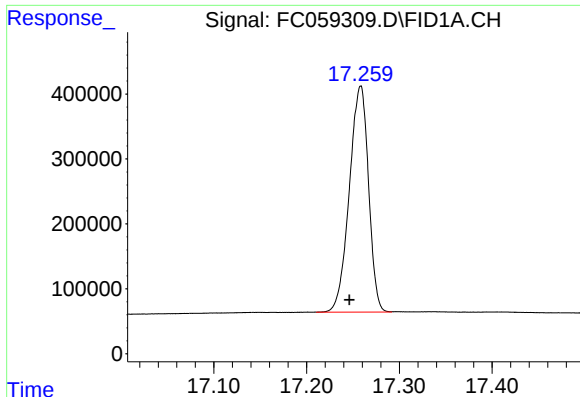
#15 n-Hexacosane (C26)

R.T.: 15.426 min
Delta R.T.: 0.009 min
Response: 5239206
Conc: 43.37 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.370 min
Delta R.T.: 0.007 min
Response: 5290347
Conc: 44.68 ug/ml



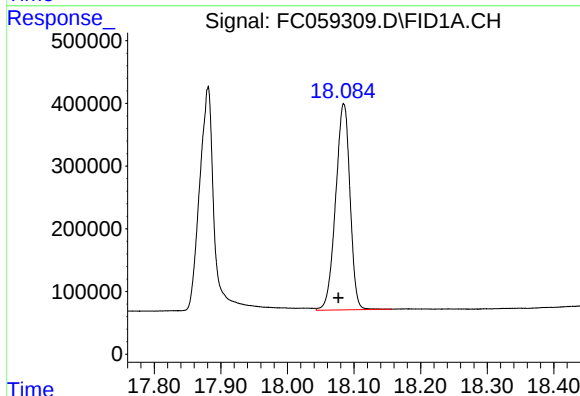
#17 n-Tricontane (C30)

R.T.: 17.259 min
Delta R.T.: 0.013 min
Response: 5006499
Conc: 43.89 ug/ml

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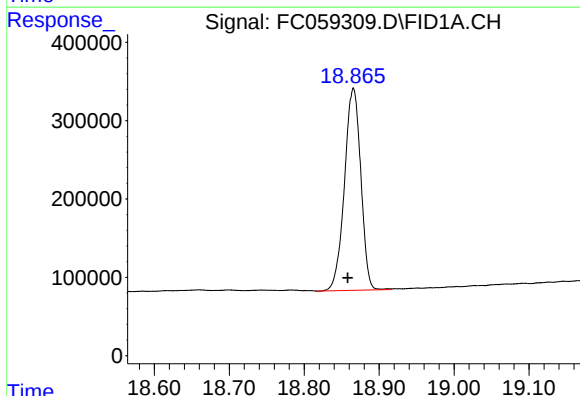
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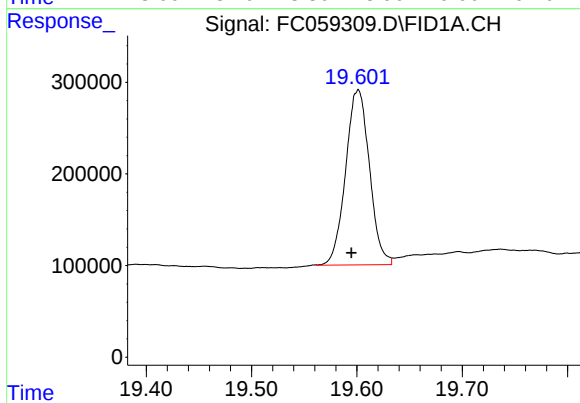
#18 n-Dotriacontane (C32)

R.T.: 18.084 min
Delta R.T.: 0.007 min
Response: 4930502
Conc: 46.02 ug/ml



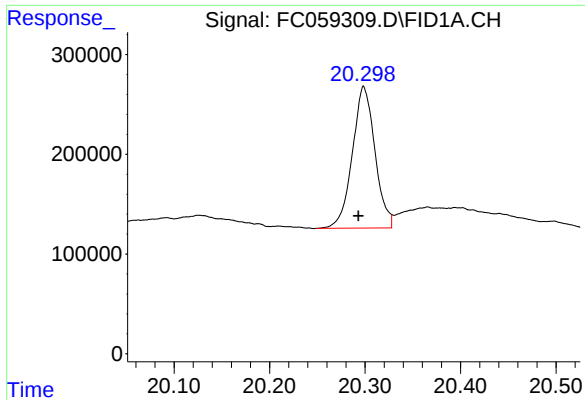
#19 n-Tetratriacontane (C34)

R.T.: 18.865 min
Delta R.T.: 0.007 min
Response: 3905983
Conc: 38.66 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.601 min
Delta R.T.: 0.006 min
Response: 3002039
Conc: 31.42 ug/ml m



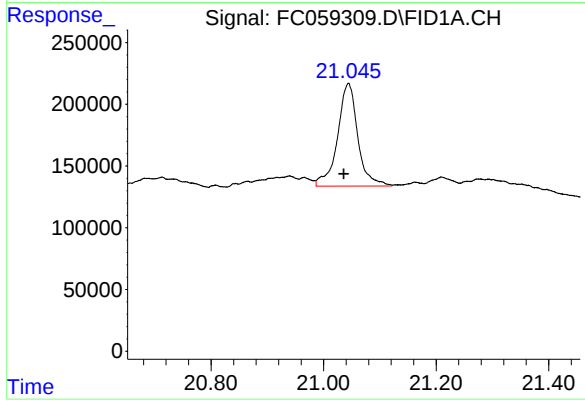
#21 n-Octatriacontane (C38)

R.T.: 20.298 min
Delta R.T.: 0.005 min
Response: 2338765
Conc: 25.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.045 min
Delta R.T.: 0.009 min
Response: 2070238
Conc: 22.28 ug/ml m