

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102921AL\
 Data File : FC056517.D
 Signal(s) : FID1A.CH
 Acq On : 30 Oct 2021 1:36
 Operator : AJ\MA
 Sample : PB140342BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB140342BS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/01/2021
 Supervised By :mohammad ahmed 11/01/2021

Integration File: autoint1.e
 Quant Time: Oct 30 05:19:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.624	5260016	42.482 ug/ml
Spiked Amount 50.000		Recovery =	84.96%
12) S 1-chlorooctadecane (S...	13.054	4411025	45.841 ug/ml
Spiked Amount 50.000		Recovery =	91.68%
Target Compounds			
1) T n-Nonane (C9)	3.390	4424196	40.876 ug/ml
2) T n-Decane (C10)	4.452	4715501	43.776 ug/ml
3) T A~Naphthalene (C11.7)	6.038	5204666	42.689 ug/ml
4) T n-Dodecane (C12)	6.466	5175445	46.947 ug/ml
5) T A~2-methylnaphthalene...	7.096	5224345	42.661 ug/ml
6) T n-Tetradecane (C14)	8.263	5678414	50.579 ug/ml
7) T n-Hexadecane (C16)	9.862	5868291	51.617 ug/ml
8) T n-Octadecane (C18)	11.303	5977374	51.151 ug/ml
10) T n-Eicosane (C20)	12.610	5614671	48.854 ug/ml
11) T n-Heneicosane (C21)	13.220	5476824	47.657 ug/ml
13) T n-Docosane (C22)	13.805	5313611	47.196 ug/ml
14) T n-Tetracosane (C24)	14.904	9654688	87.608 ug/ml
15) T n-Hexacosane (C26)	15.924	4848136	45.934 ug/ml
16) T n-Octacosane (C28)	16.869	4779172	46.074 ug/ml
17) T n-Tricontane (C30)	17.755	4749499	45.841 ug/ml
18) T n-Dotriacontane (C32)	18.581	4651777	48.553 ug/ml
19) T n-Tetratriacontane (C34)	19.361	4479868	51.076 ug/mlm
20) T n-Hexatriacontane (C36)	20.097	4213923	51.483 ug/ml
21) T n-Octatriacontane (C38)	20.832	4038175	50.492 ug/ml
22) T n-Tetracontane (C40)	21.749	4128873	50.114 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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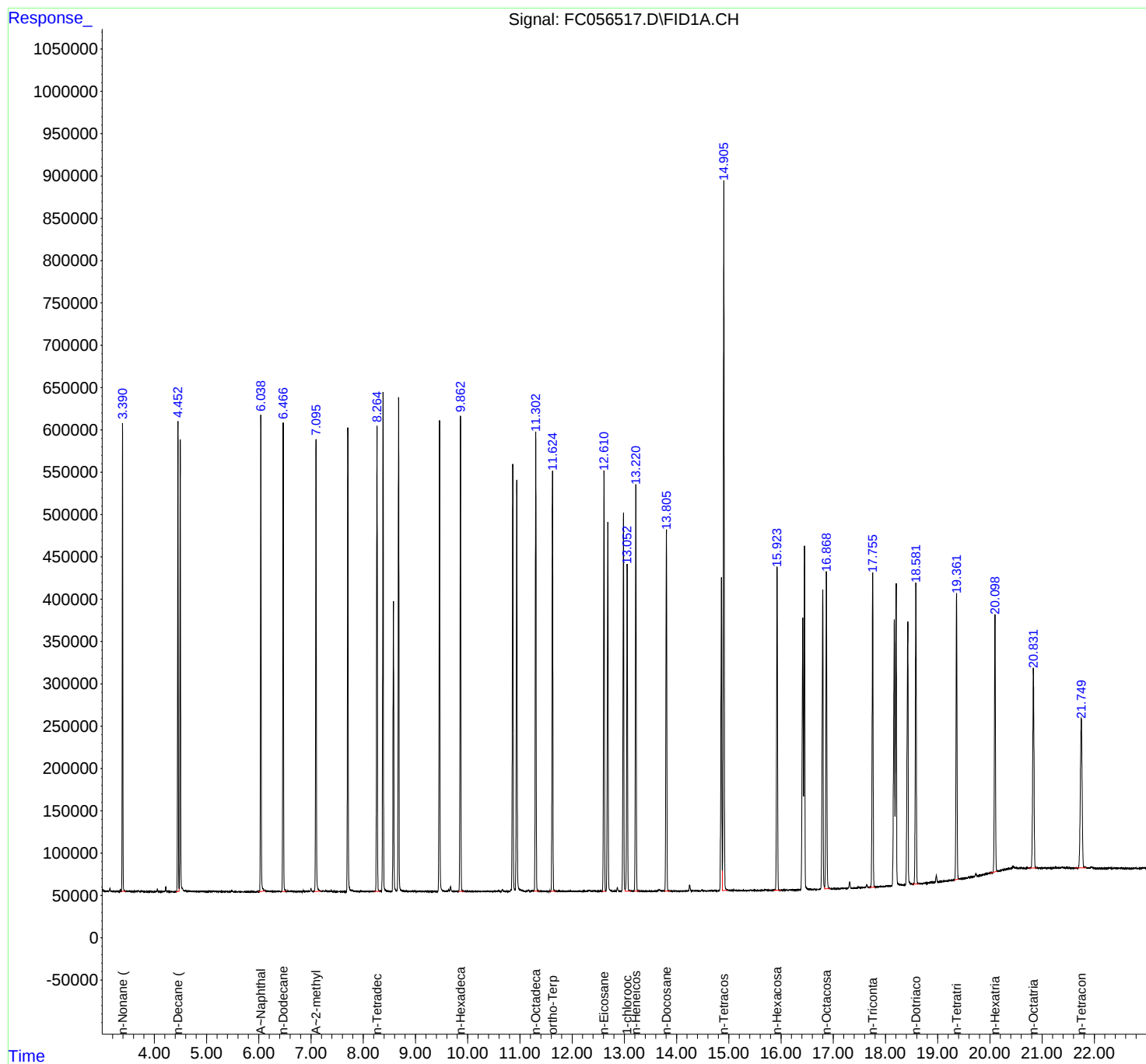
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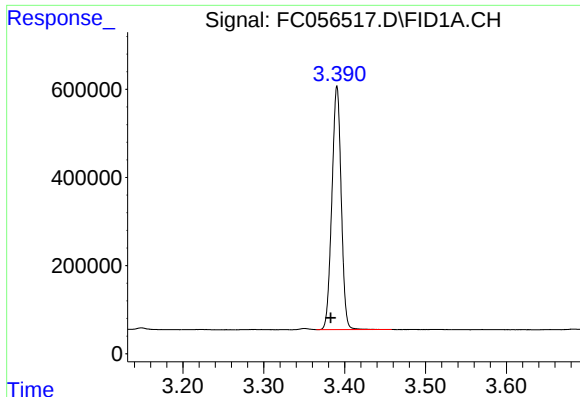
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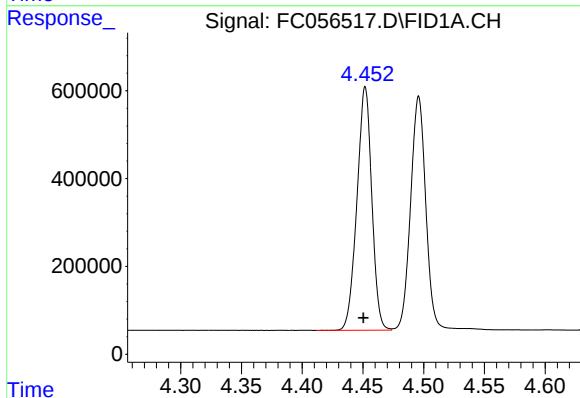
#1 n-Nonane (C9)

R.T.: 3.390 min
Delta R.T.: 0.007 min
Response: 4424196
Conc: 40.88 ug/ml

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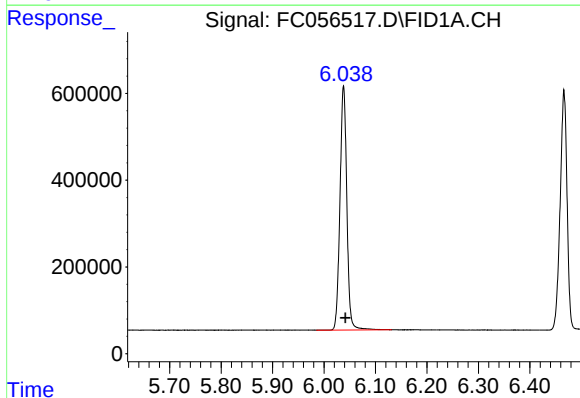
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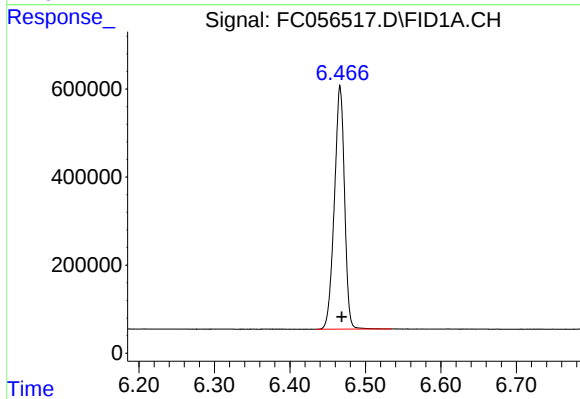
#2 n-Decane (C10)

R.T.: 4.452 min
Delta R.T.: 0.002 min
Response: 4715501
Conc: 43.78 ug/ml



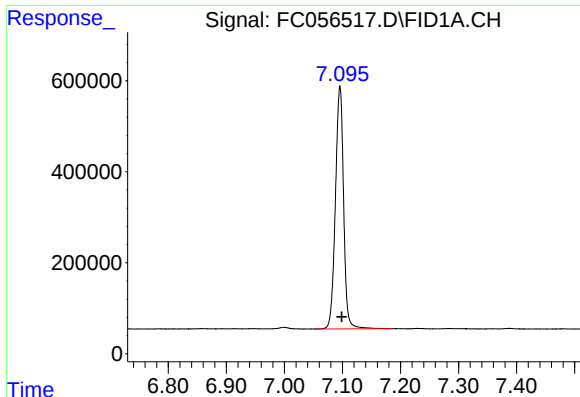
#3 A~Naphthalene (C11.7)

R.T.: 6.038 min
Delta R.T.: -0.004 min
Response: 5204666
Conc: 42.69 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.466 min
Delta R.T.: -0.002 min
Response: 5175445
Conc: 46.95 ug/ml



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

R.T.: 7.096 min
Delta R.T.: -0.003 min
Response: 5224345
Conc: 42.66 ug/ml

Instrument :

FID_C

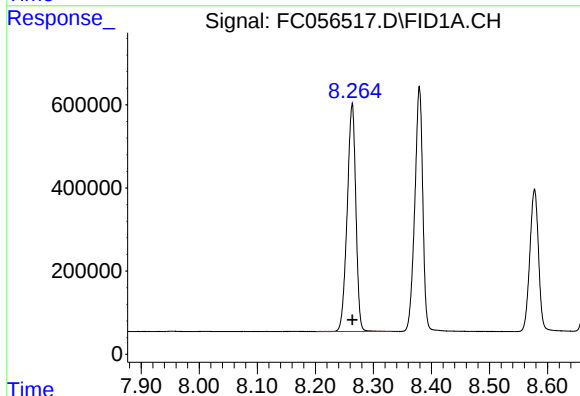
ClientSampleId :

PB140342BS

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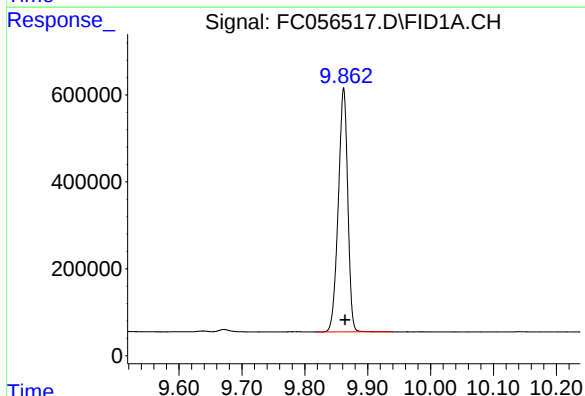
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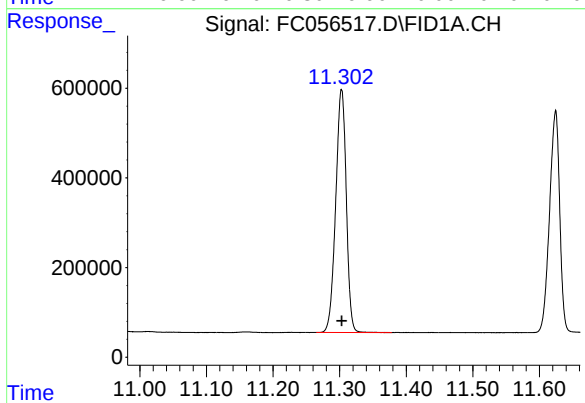
#6 n-Tetradecane (C14)

R.T.: 8.263 min
Delta R.T.: 0.000 min
Response: 5678414
Conc: 50.58 ug/ml



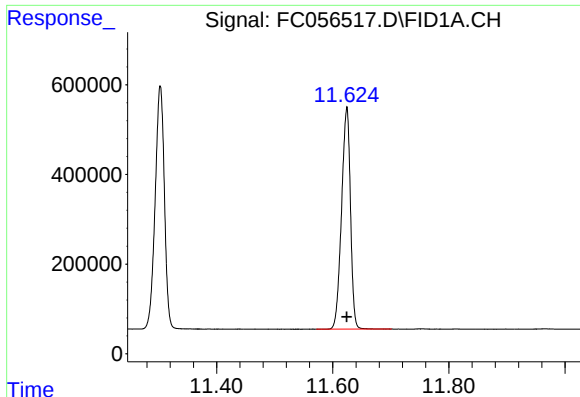
#7 n-Hexadecane (C16)

R.T.: 9.862 min
Delta R.T.: -0.002 min
Response: 5868291
Conc: 51.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.303 min
Delta R.T.: 0.000 min
Response: 5977374
Conc: 51.15 ug/ml



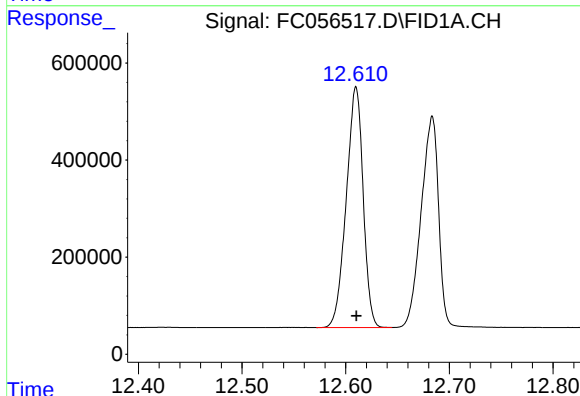
#9 ortho-Terphenyl (SURR)

R.T.: 11.624 min
Delta R.T.: 0.000 min
Response: 5260016
Conc: 42.48 ug/ml

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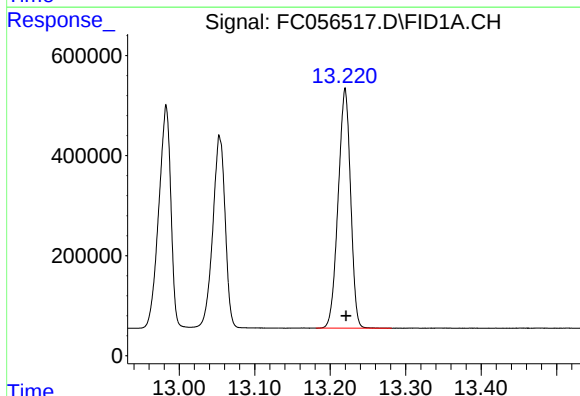
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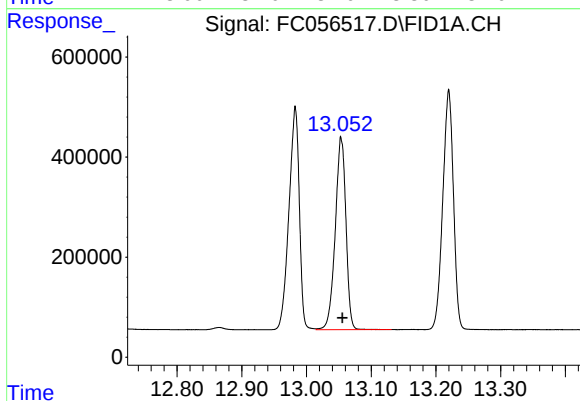
#10 n-Eicosane (C20)

R.T.: 12.610 min
Delta R.T.: 0.000 min
Response: 5614671
Conc: 48.85 ug/ml



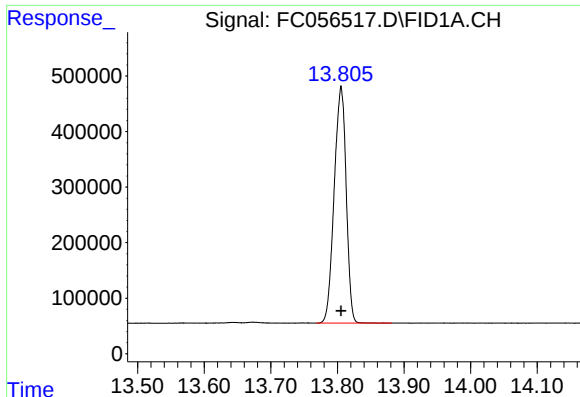
#11 n-Heneicosane (C21)

R.T.: 13.220 min
Delta R.T.: -0.002 min
Response: 5476824
Conc: 47.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.054 min
Delta R.T.: -0.002 min
Response: 4411025
Conc: 45.84 ug/ml



#13 n-Docosane (C22)

R.T.: 13.805 min
Delta R.T.: 0.000 min
Response: 5313611
Conc: 47.20 ug/ml

Instrument :

FID_C

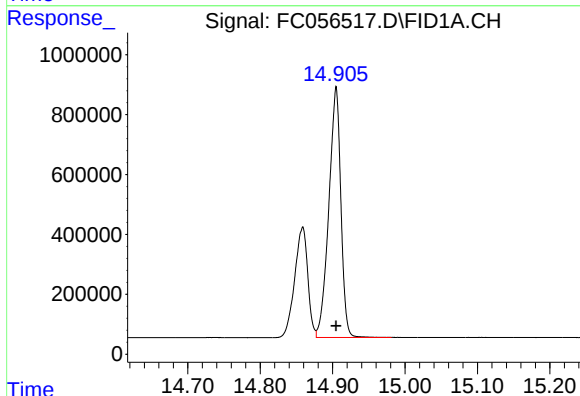
ClientSampleId :

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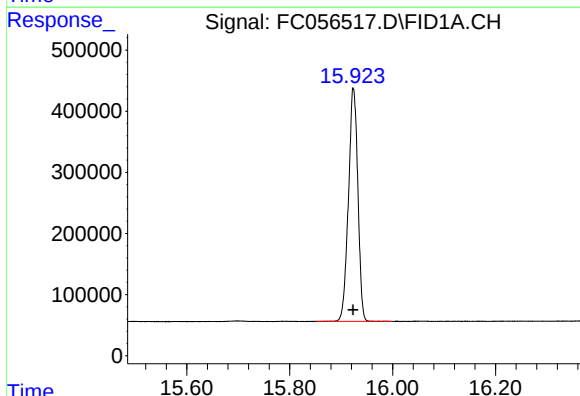
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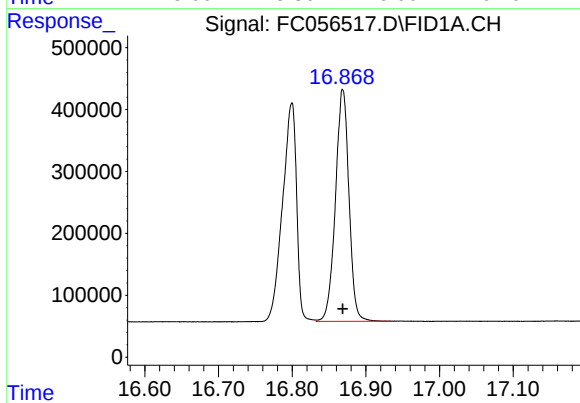
#14 n-Tetracosane (C24)

R.T.: 14.904 min
Delta R.T.: 0.000 min
Response: 9654688
Conc: 87.61 ug/ml



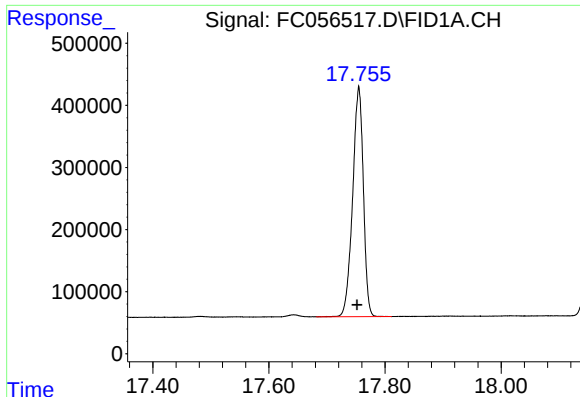
#15 n-Hexacosane (C26)

R.T.: 15.924 min
Delta R.T.: 0.001 min
Response: 4848136
Conc: 45.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.869 min
Delta R.T.: 0.000 min
Response: 4779172
Conc: 46.07 ug/ml



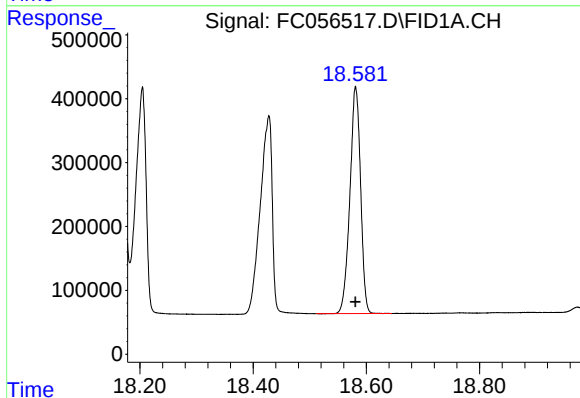
#17 n-Tricontane (C30)

R.T.: 17.755 min
Delta R.T.: 0.002 min
Response: 4749499
Conc: 45.84 ug/ml

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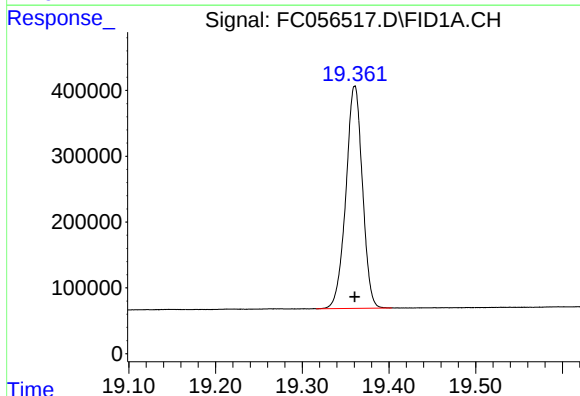
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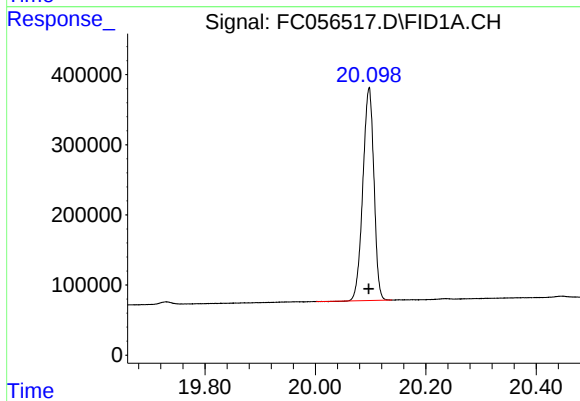
#18 n-Dotriacontane (C32)

R.T.: 18.581 min
Delta R.T.: 0.000 min
Response: 4651777
Conc: 48.55 ug/ml



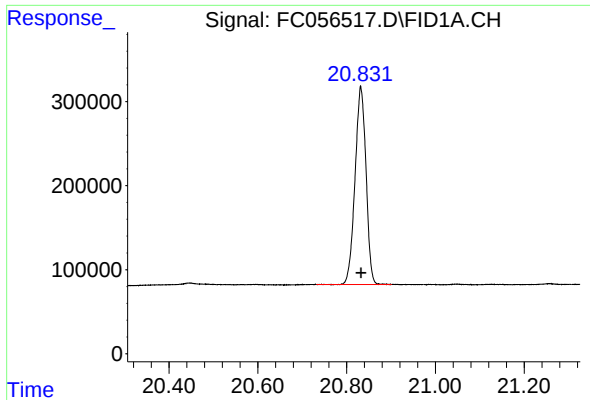
#19 n-Tetratriacontane (C34)

R.T.: 19.361 min
Delta R.T.: 0.000 min
Response: 4479868
Conc: 51.08 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.097 min
Delta R.T.: 0.000 min
Response: 4213923
Conc: 51.48 ug/ml



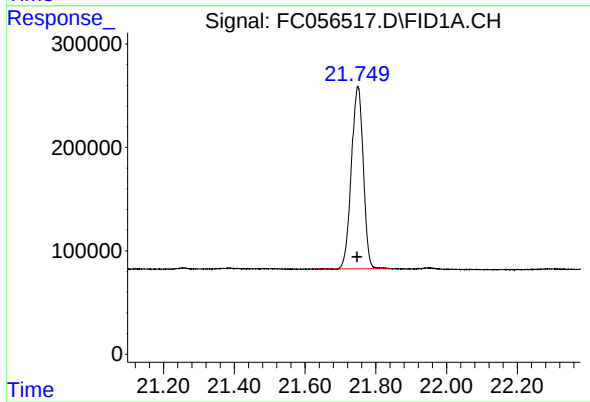
#21 n-Octatriacontane (C38)

R.T.: 20.832 min
Delta R.T.: 0.000 min
Response: 4038175
Conc: 50.49 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.749 min
Delta R.T.: 0.003 min
Response: 4128873
Conc: 50.11 ug/ml