

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091421AL\
 Data File : FC055641.D
 Signal(s) : FID1A.CH
 Acq On : 14 Sep 2021 23:34
 Operator : AJ\MA
 Sample : PB139082BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB139082BSD

Manual Integrations
 APPROVED

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 9/17/2021 3:10:33 PM

Integration File: sample.E
 Quant Time: Sep 15 01:23:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:45:39 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)	11.659	4949064	39.616 ug/ml
Spiked Amount 50.000		Recovery =	79.23%
12) S 1-chlorooctadecane (S...	13.091	3801201	38.409 ug/ml
Spiked Amount 50.000		Recovery =	76.82%
Target Compounds			
1) T n-Nonane (C9)	3.411	4327174	40.031 ug/ml
2) T n-Decane (C10)	4.476	4764900	43.699 ug/ml
3) T A~Naphthalene (C11.7)	6.065	5295594	42.976 ug/ml
4) T n-Dodecane (C12)	6.494	5264731	48.082 ug/ml
5) T A~2-methylnaphthalene...	7.124	5244713	42.144 ug/ml
6) T n-Tetradecane (C14)	8.293	5387374	48.371 ug/ml
7) T n-Hexadecane (C16)	9.894	5277199	46.695 ug/ml
8) T n-Octadecane (C18)	11.337	5235321	44.966 ug/ml
10) T n-Eicosane (C20)	12.646	4867702	41.659 ug/ml
11) T n-Heneicosane (C21)	13.257	4751701	40.373 ug/ml
13) T n-Docosane (C22)	13.844	4605116	39.478 ug/ml
14) T n-Tetracosane (C24)	14.942	8585416	73.721 ug/ml
15) T n-Hexacosane (C26)	15.968	4272522	37.715 ug/ml
16) T n-Octacosane (C28)	16.915	4263811	38.532 ug/ml
17) T n-Tricontane (C30)	17.801	4124146	38.785 ug/ml
18) T n-Dotriacontane (C32)	18.632	4030740	40.219 ug/ml
19) T n-Tetratriacontane (C34)	19.414	3759924	39.838 ug/ml
20) T n-Hexatriacontane (C36)	20.151	3461940	39.873 ug/mlm
21) T n-Octatriacontane (C38)	20.900	3230100	39.629 ug/mlm
22) T n-Tetracontane (C40)	21.833	3279295	40.830 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 16 Sample Multiplier: 1

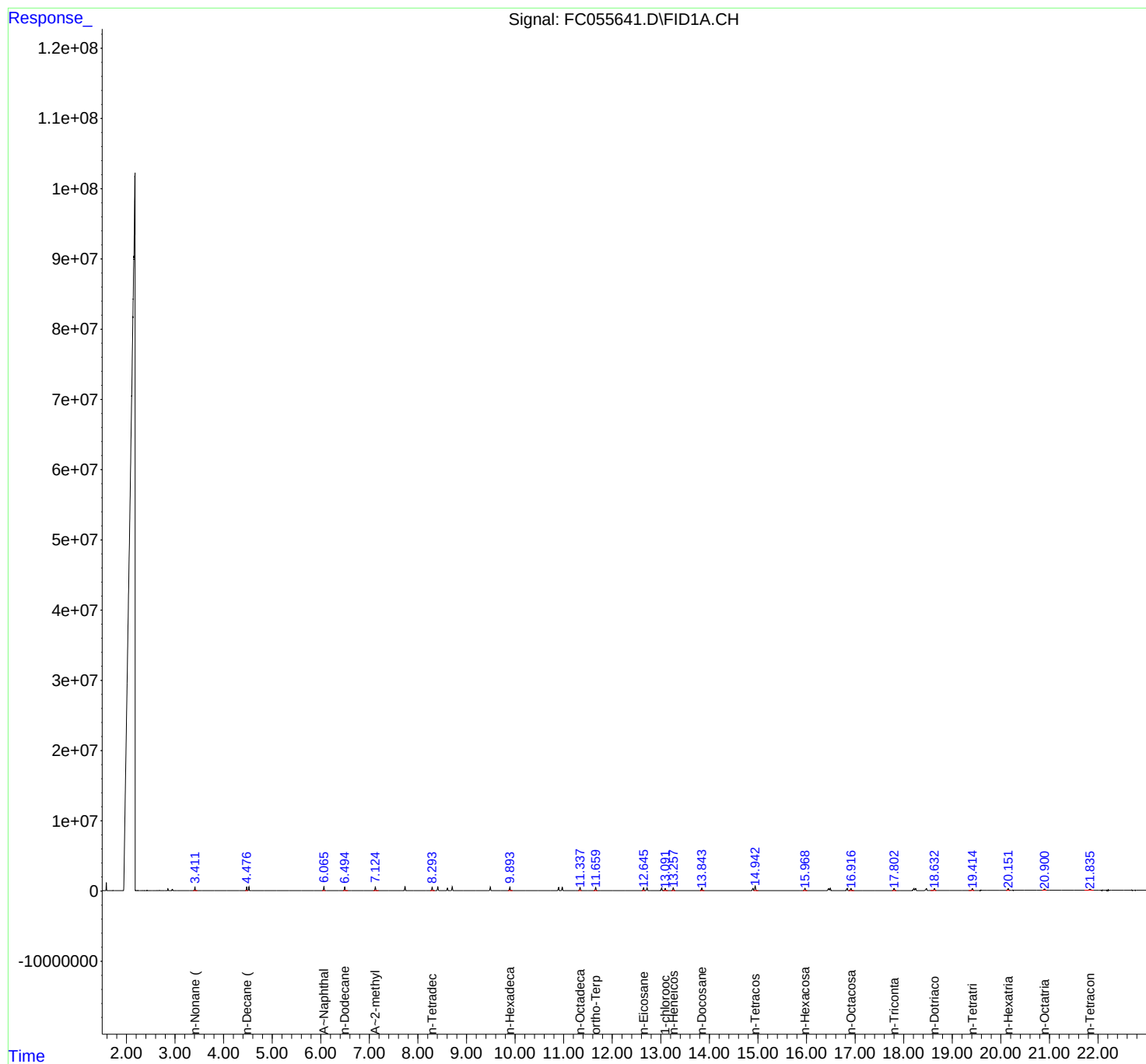
Instrument :
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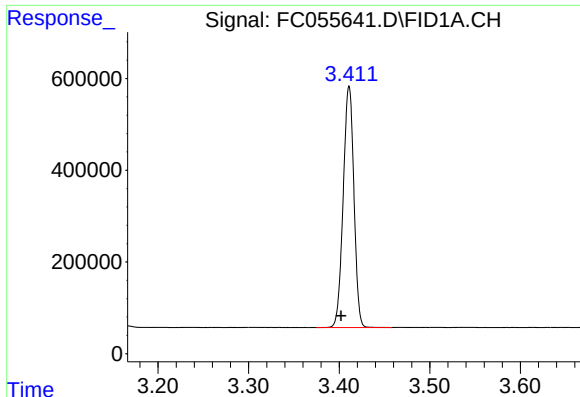
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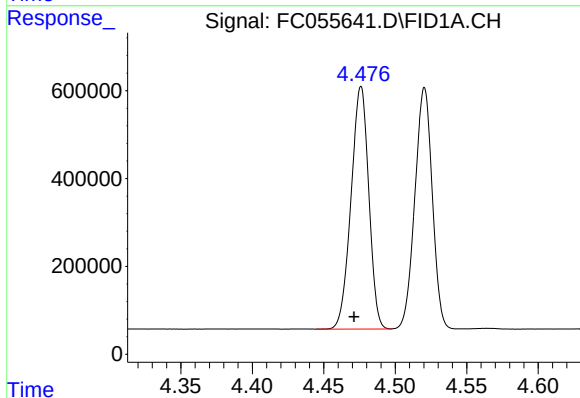
#1 n-Nonane (C9)

R.T.: 3.411 min
Delta R.T.: 0.009 min
Response: 4327174
Conc: 40.03 ug/ml

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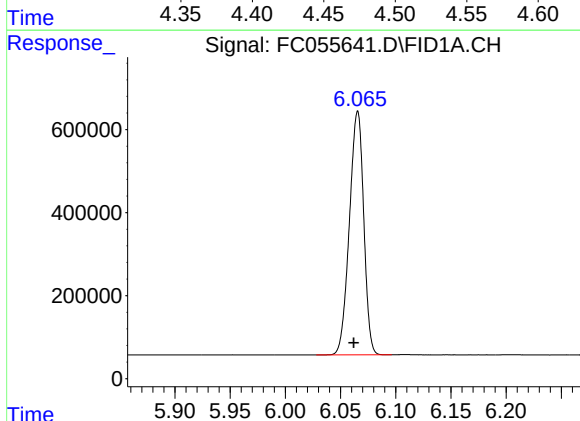
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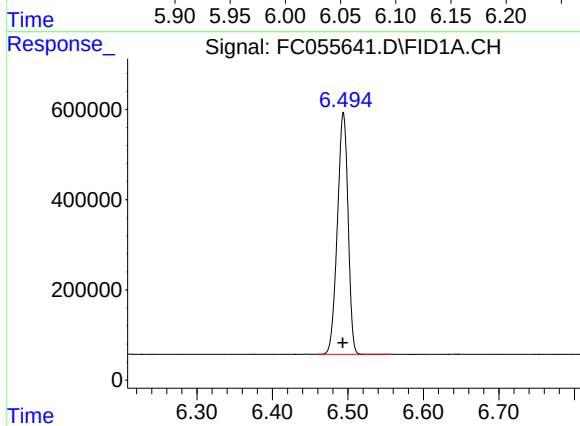
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: 0.005 min
Response: 4764900
Conc: 43.70 ug/ml



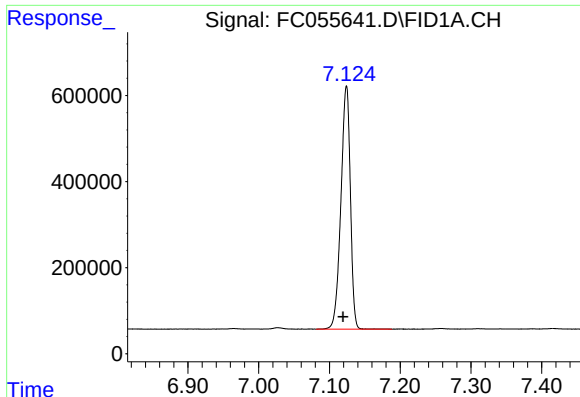
#3 A~Naphthalene (C11.7)

R.T.: 6.065 min
Delta R.T.: 0.003 min
Response: 5295594
Conc: 42.98 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.494 min
Delta R.T.: 0.000 min
Response: 5264731
Conc: 48.08 ug/ml



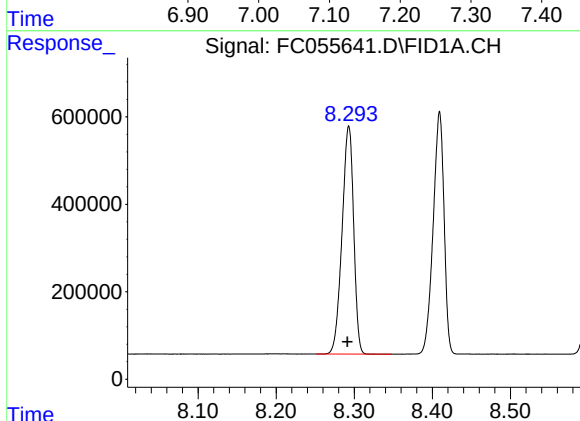
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.124 min
Delta R.T.: 0.005 min
Response: 5244713
Conc: 42.14 ug/ml

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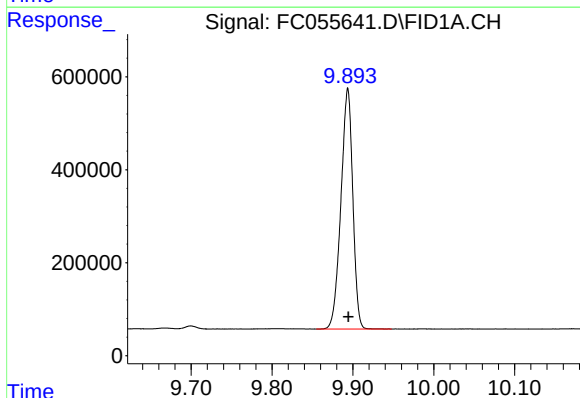
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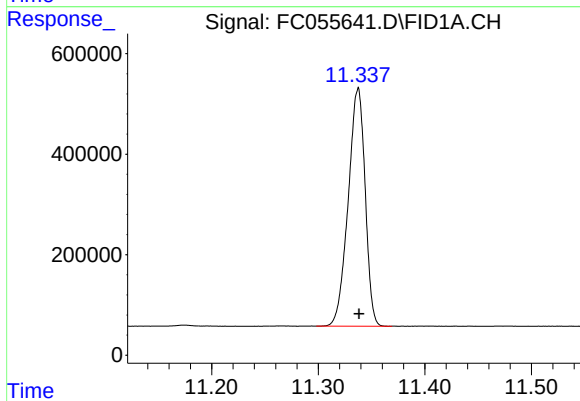
#6 n-Tetradecane (C14)

R.T.: 8.293 min
Delta R.T.: 0.002 min
Response: 5387374
Conc: 48.37 ug/ml



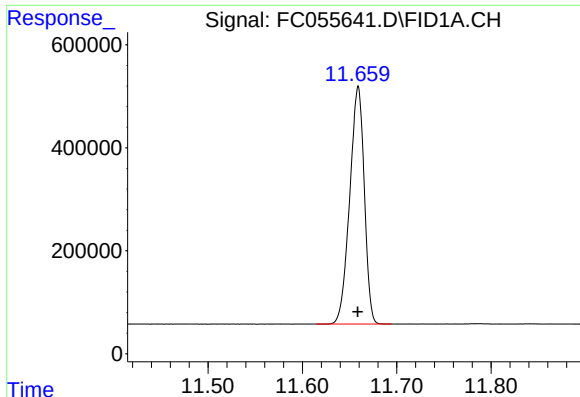
#7 n-Hexadecane (C16)

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 5277199
Conc: 46.69 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.337 min
Delta R.T.: -0.001 min
Response: 5235321
Conc: 44.97 ug/ml



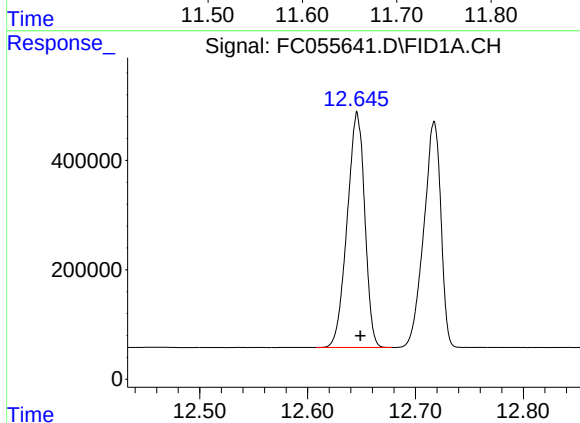
#9 ortho-Terphenyl (SURR)

R.T.: 11.659 min
Delta R.T.: 0.000 min
Response: 4949064
Conc: 39.62 ug/ml

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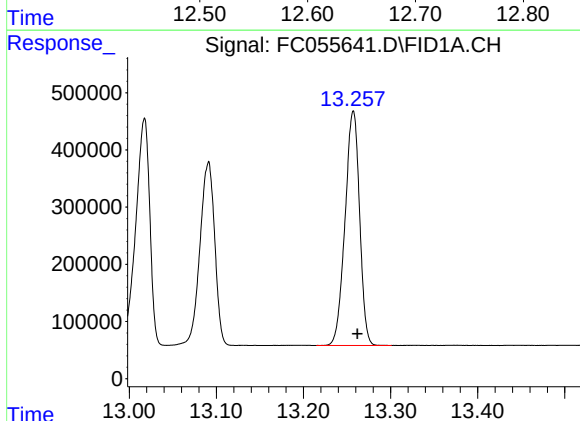
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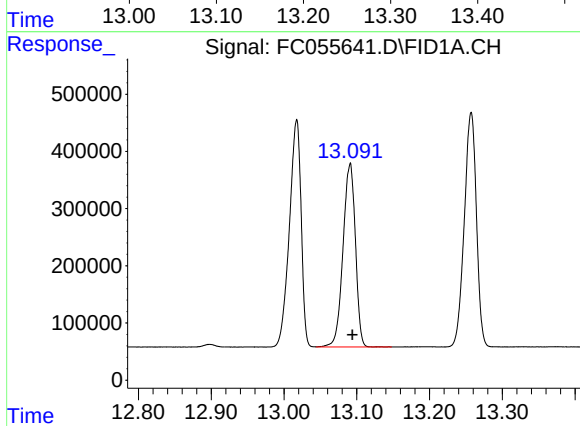
#10 n-Eicosane (C20)

R.T.: 12.646 min
Delta R.T.: -0.003 min
Response: 4867702
Conc: 41.66 ug/ml



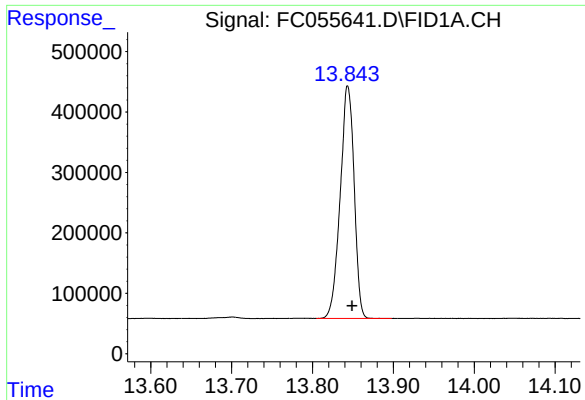
#11 n-Heneicosane (C21)

R.T.: 13.257 min
Delta R.T.: -0.005 min
Response: 4751701
Conc: 40.37 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.091 min
Delta R.T.: -0.003 min
Response: 3801201
Conc: 38.41 ug/ml



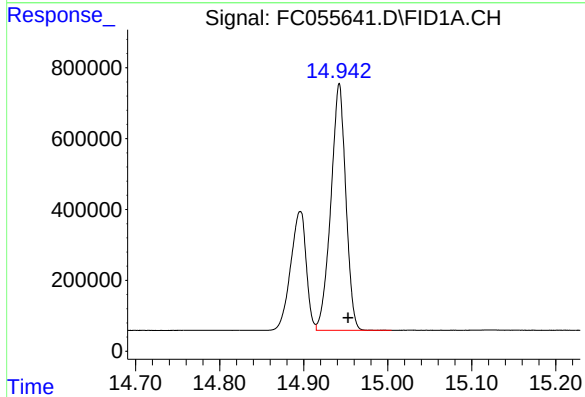
#13 n-Docosane (C22)

R.T.: 13.844 min
Delta R.T.: -0.005 min
Response: 4605116
Conc: 39.48 ug/ml

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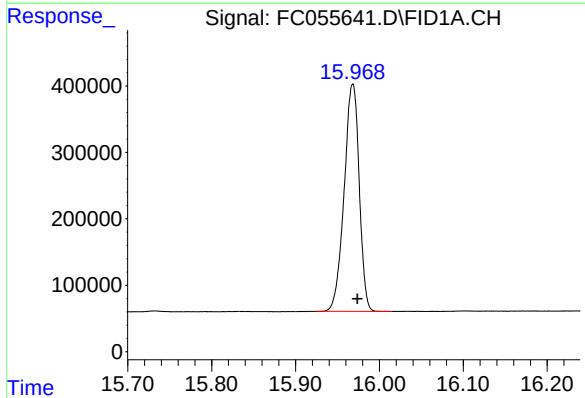
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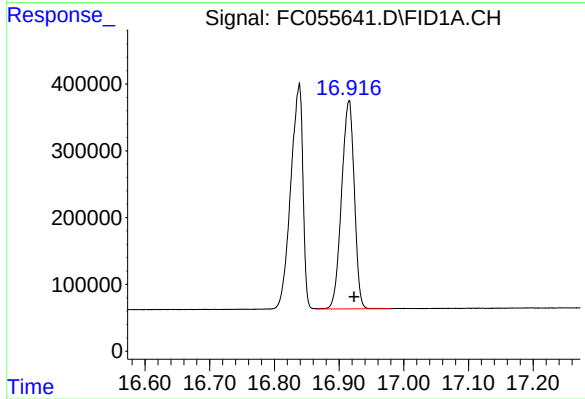
#14 n-Tetracosane (C24)

R.T.: 14.942 min
Delta R.T.: -0.011 min
Response: 8585416
Conc: 73.72 ug/ml



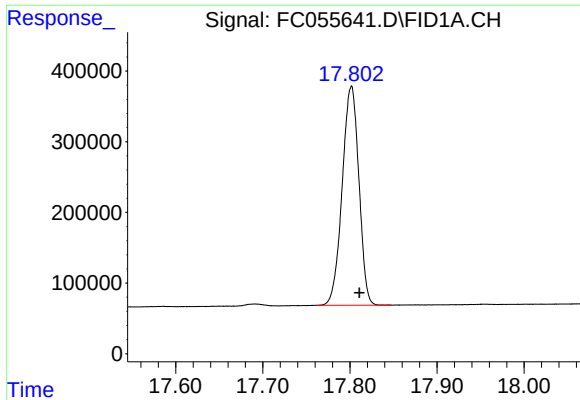
#15 n-Hexacosane (C26)

R.T.: 15.968 min
Delta R.T.: -0.006 min
Response: 4272522
Conc: 37.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.915 min
Delta R.T.: -0.009 min
Response: 4263811
Conc: 38.53 ug/ml



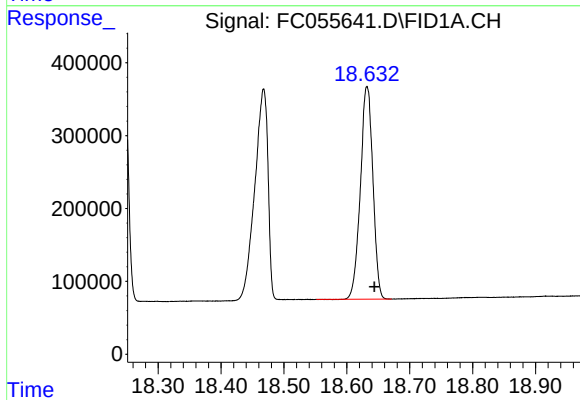
#17 n-Tricontane (C30)

R.T.: 17.801 min
Delta R.T.: -0.009 min
Response: 4124146
Conc: 38.79 ug/ml

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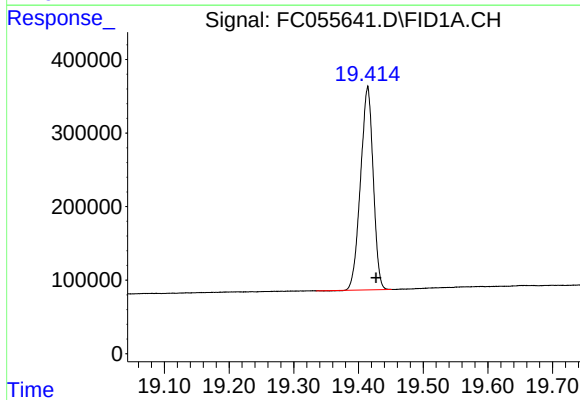
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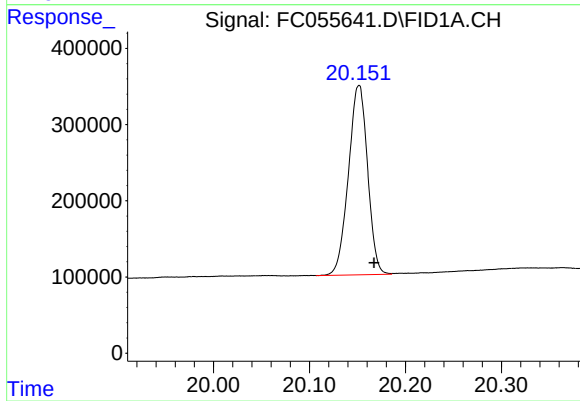
#18 n-Dotriacontane (C32)

R.T.: 18.632 min
Delta R.T.: -0.012 min
Response: 4030740
Conc: 40.22 ug/ml



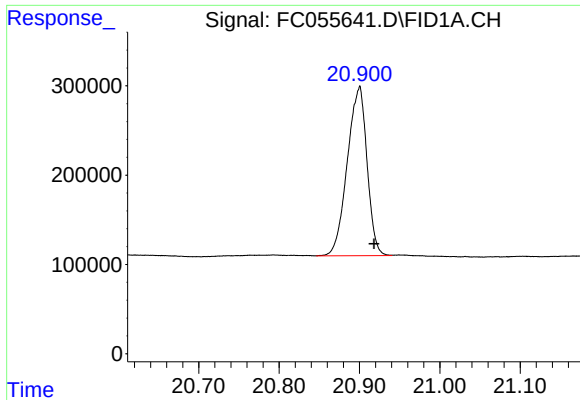
#19 n-Tetratriacontane (C34)

R.T.: 19.414 min
Delta R.T.: -0.013 min
Response: 3759924
Conc: 39.84 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.151 min
Delta R.T.: -0.016 min
Response: 3461940
Conc: 39.87 ug/ml m



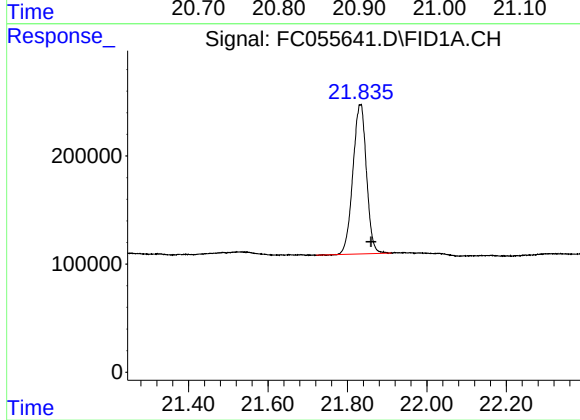
#21 n-Octatriacontane (C38)

R.T.: 20.900 min
Delta R.T.: -0.018 min
Response: 3230100
Conc: 39.63 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.833 min
Delta R.T.: -0.027 min
Response: 3279295
Conc: 40.83 ug/ml