

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092921AL\
 Data File : FC055912.D
 Signal(s) : FID1A.CH
 Acq On : 30 Sep 2021 4:12
 Operator : AJ\MA
 Sample : M3971-09MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 RP-COMP-3-EPH-2MS

Manual Integrations
 APPROVED

mohammad
 9/30/2021 11:12:05 AM

Integration File: autoint1.e
 Quant Time: Sep 30 05:45:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:25:44 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)	11.651	3825736	32.241 ug/ml
Spiked Amount 50.000		Recovery =	64.48%
12) S 1-chlorooctadecane (S...	13.084	3079385	33.518 ug/ml
Spiked Amount 50.000		Recovery =	67.04%
Target Compounds			
1) T n-Nonane (C9)	3.400	2582346	24.199 ug/mlm
2) T n-Decane (C10)	4.471	2974082	27.823 ug/ml
3) T A~Naphthalene (C11.7)	6.064	3389026	28.167 ug/ml
4) T n-Dodecane (C12)	6.491	3700280	34.091 ug/ml
5) T A~2-methylnaphthalene...	7.121	3607276	29.696 ug/ml
6) T n-Tetradecane (C14)	8.288	3828659	34.606 ug/ml
7) T n-Hexadecane (C16)	9.887	3836658	34.661 ug/ml
8) T n-Octadecane (C18)	11.328	3981519	35.574 ug/mlm
10) T n-Eicosane (C20)	12.638	3947540	36.141 ug/ml
11) T n-Heneicosane (C21)	13.250	3752942	34.518 ug/ml
13) T n-Docosane (C22)	13.837	3639783	34.081 ug/ml
14) T n-Tetracosane (C24)	14.937	7180760	68.671 ug/ml
15) T n-Hexacosane (C26)	15.961	3765574	37.478 ug/ml
16) T n-Octacosane (C28)	16.909	3515441	36.343 ug/ml
17) T n-Tricontane (C30)	17.796	3256035	35.092 ug/ml
18) T n-Dotriacontane (C32)	18.625	3115118	35.038 ug/ml
19) T n-Tetratriacontane (C34)	19.407	3113168	35.995 ug/ml
20) T n-Hexatriacontane (C36)	20.144	2387939	29.227 ug/mlm
21) T n-Octatriacontane (C38)	20.887	2026616	25.432 ug/mlm
22) T n-Tetracontane (C40)	21.815	1752511	21.862 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\MA
Sample : M3971-09MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

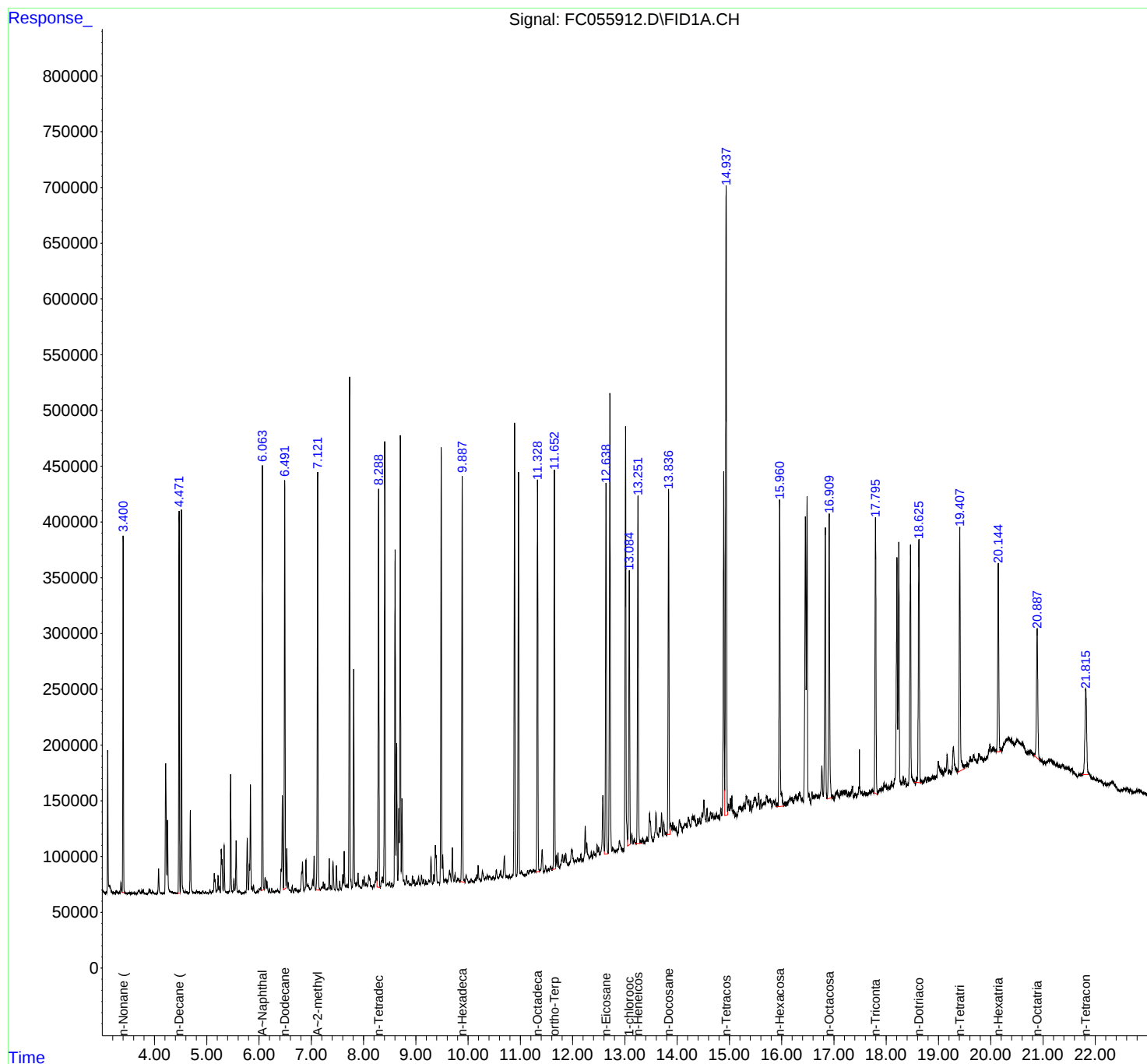
Instrument :
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RP-COMP-3-EPH-2MS

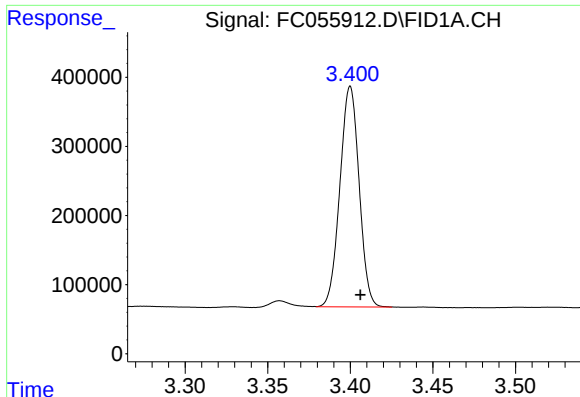
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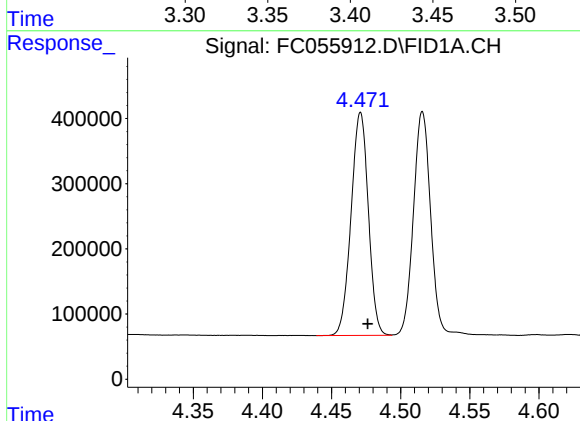
#1 n-Nonane (C9)

R.T.: 3.400 min
Delta R.T.: -0.006 min
Response: 2582346
Conc: 24.20 ug/ml m

Instrument :
FID_C
ClientSampleId :
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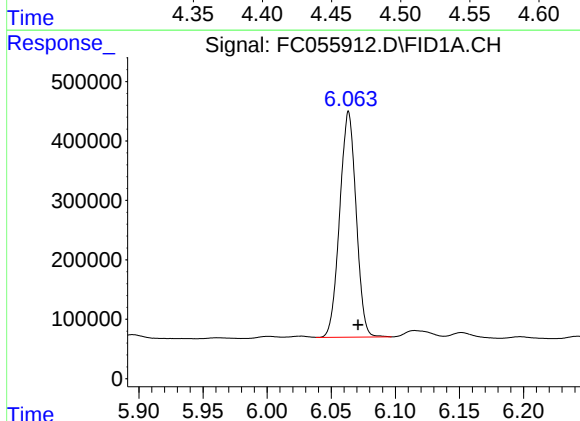
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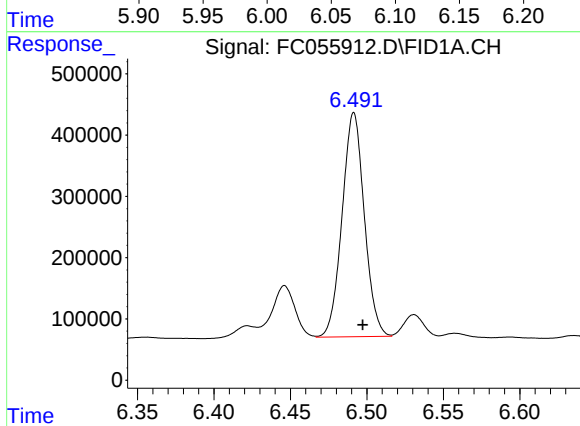
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: -0.005 min
Response: 2974082
Conc: 27.82 ug/ml



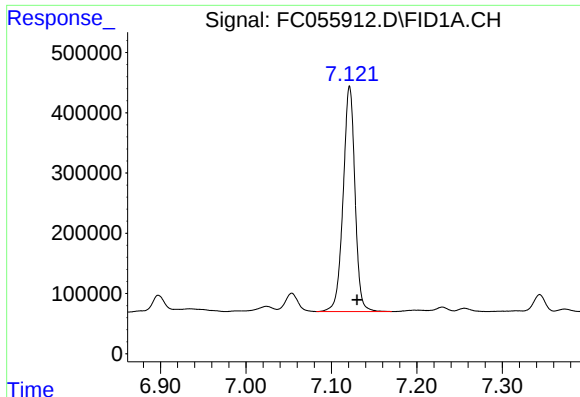
#3 A~Naphthalene (C11.7)

R.T.: 6.064 min
Delta R.T.: -0.007 min
Response: 3389026
Conc: 28.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.491 min
Delta R.T.: -0.006 min
Response: 3700280
Conc: 34.09 ug/ml



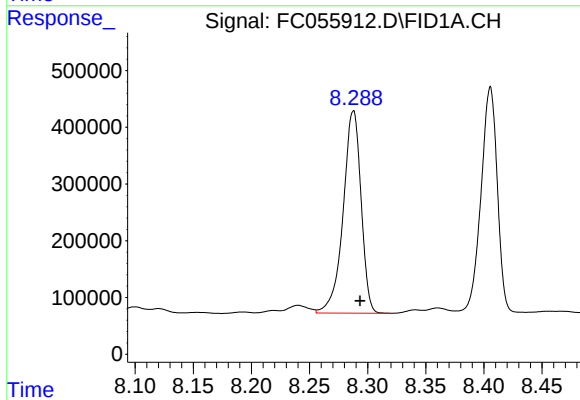
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.121 min
Delta R.T.: -0.009 min
Response: 3607276
Conc: 29.70 ug/ml

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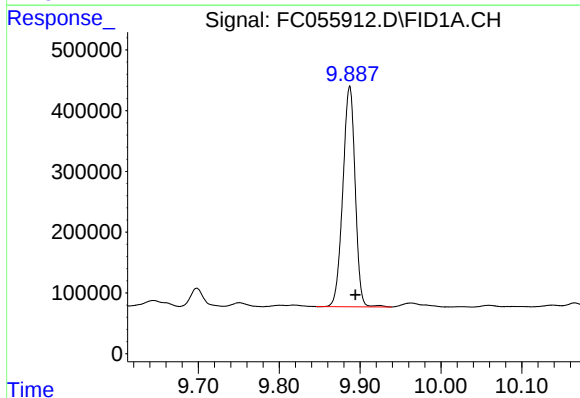
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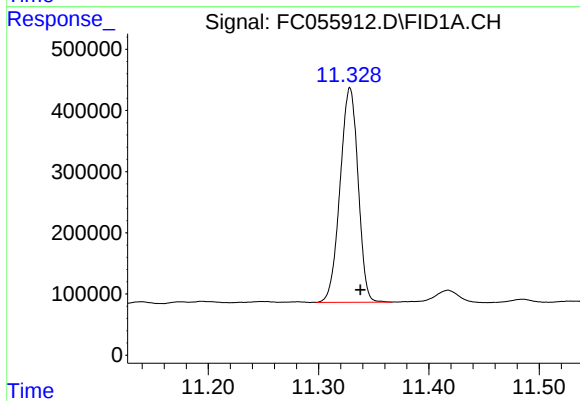
#6 n-Tetradecane (C14)

R.T.: 8.288 min
Delta R.T.: -0.006 min
Response: 3828659
Conc: 34.61 ug/ml



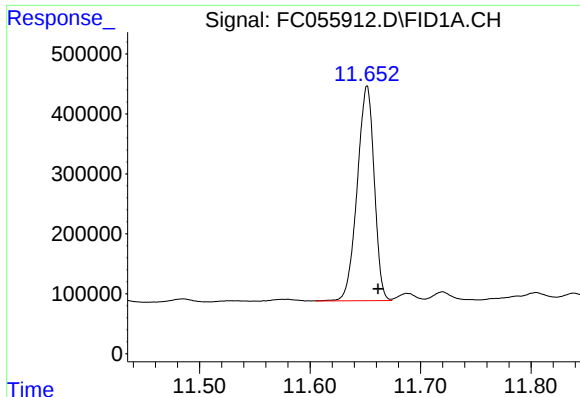
#7 n-Hexadecane (C16)

R.T.: 9.887 min
Delta R.T.: -0.007 min
Response: 3836658
Conc: 34.66 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.328 min
Delta R.T.: -0.010 min
Response: 3981519
Conc: 35.57 ug/ml m



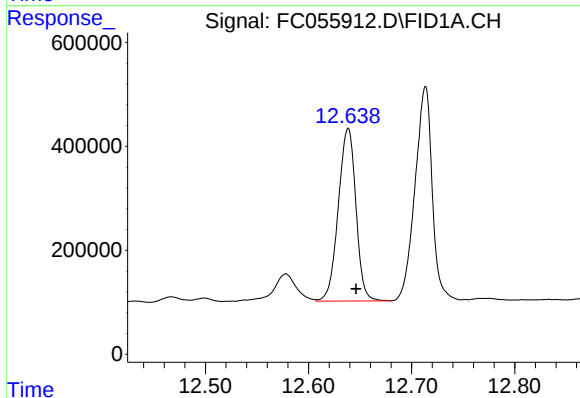
#9 ortho-Terphenyl (SURR)

R.T.: 11.651 min
Delta R.T.: -0.010 min
Response: 3825736
Conc: 32.24 ug/ml

Instrument :
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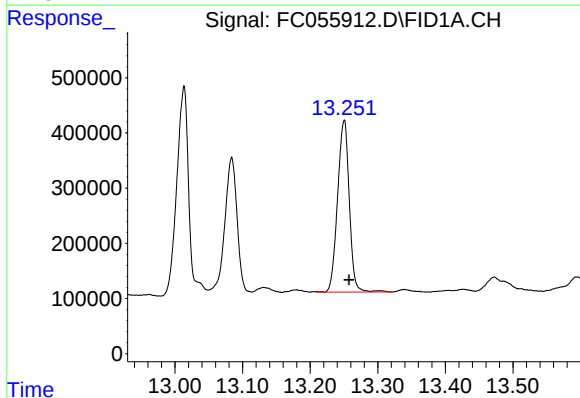
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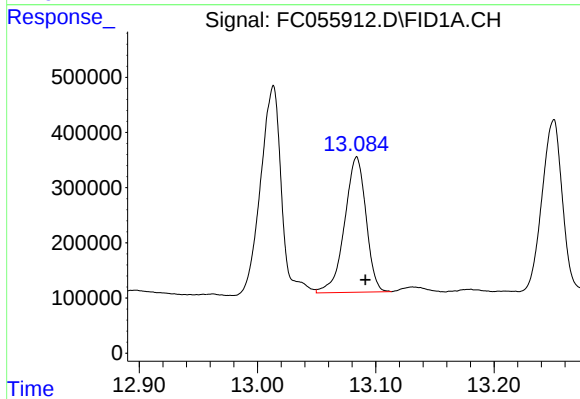
#10 n-Eicosane (C20)

R.T.: 12.638 min
Delta R.T.: -0.008 min
Response: 3947540
Conc: 36.14 ug/ml



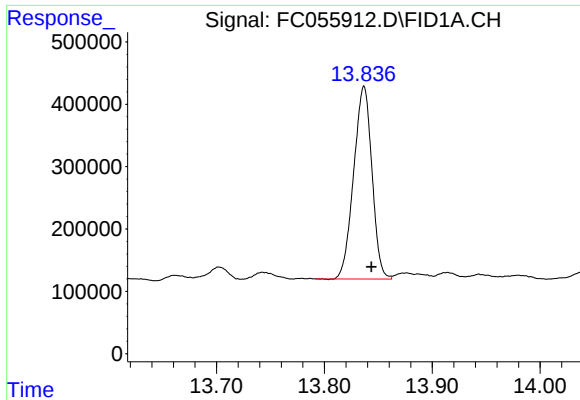
#11 n-Heneicosane (C21)

R.T.: 13.250 min
Delta R.T.: -0.008 min
Response: 3752942
Conc: 34.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.084 min
Delta R.T.: -0.007 min
Response: 3079385
Conc: 33.52 ug/ml



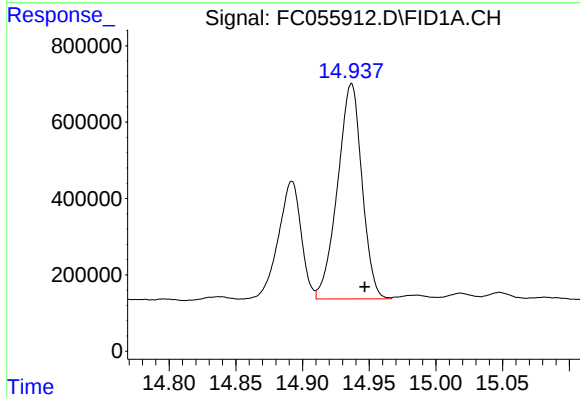
#13 n-Docosane (C22)

R.T.: 13.837 min
Delta R.T.: -0.007 min
Response: 3639783
Conc: 34.08 ug/ml

Instrument :
FID_C
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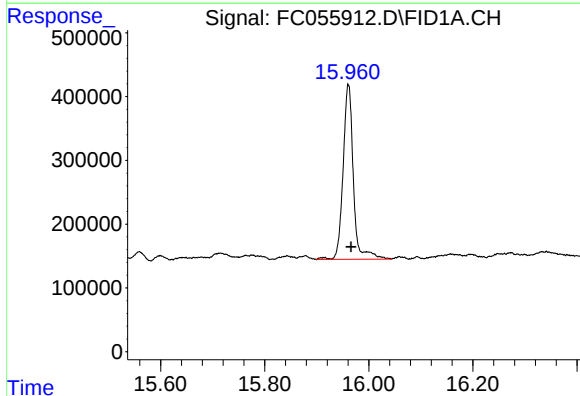
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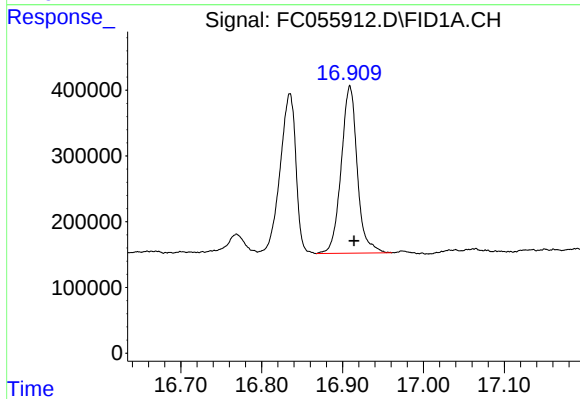
#14 n-Tetracosane (C24)

R.T.: 14.937 min
Delta R.T.: -0.010 min
Response: 7180760
Conc: 68.67 ug/ml



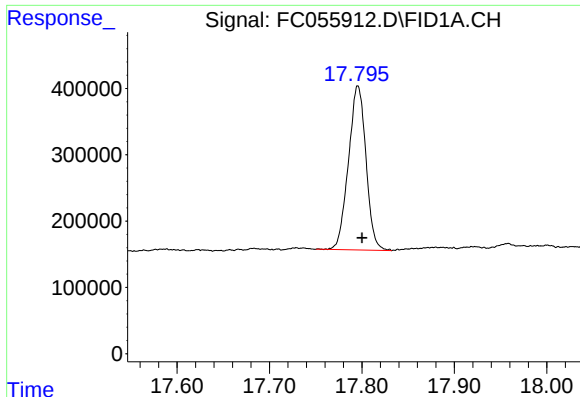
#15 n-Hexacosane (C26)

R.T.: 15.961 min
Delta R.T.: -0.005 min
Response: 3765574
Conc: 37.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.909 min
Delta R.T.: -0.006 min
Response: 3515441
Conc: 36.34 ug/ml



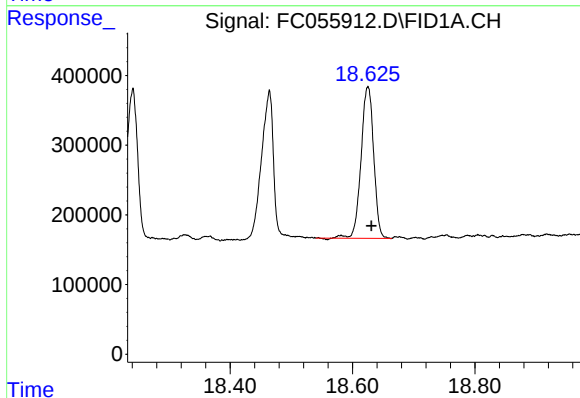
#17 n-Tricontane (C30)

R.T.: 17.796 min
Delta R.T.: -0.004 min
Response: 3256035
Conc: 35.09 ug/ml

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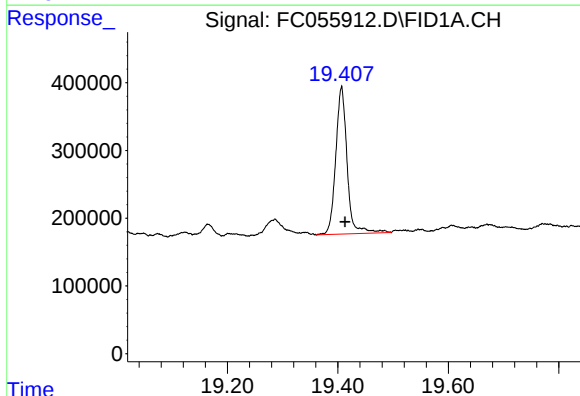
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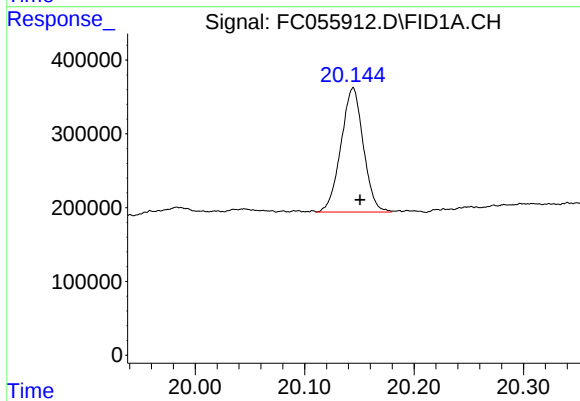
#18 n-Dotriacontane (C32)

R.T.: 18.625 min
Delta R.T.: -0.006 min
Response: 3115118
Conc: 35.04 ug/ml



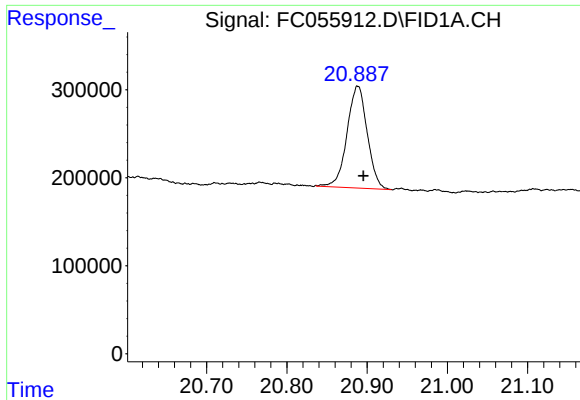
#19 n-Tetratriacontane (C34)

R.T.: 19.407 min
Delta R.T.: -0.007 min
Response: 3113168
Conc: 36.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.144 min
Delta R.T.: -0.006 min
Response: 2387939
Conc: 29.23 ug/ml m



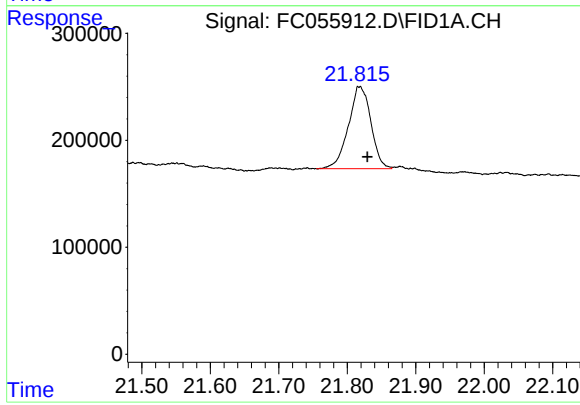
#21 n-Octatriacontane (C38)

R.T.: 20.887 min
Delta R.T.: -0.008 min
Response: 2026616
Conc: 25.43 ug/ml m

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.815 min
Delta R.T.: -0.014 min
Response: 1752511
Conc: 21.86 ug/ml m