

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021519AL\
 Data File : FC039213.D
 Signal(s) : FID1A.CH
 Acq On : 15 Feb 2019 20:13
 Operator : AJ\SJ
 Sample : K1490-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-1-214MSD

Manual Integrations
 APPROVED

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 2/18/2019 4:25:03 PM

Integration File: autoint1.e
 Quant Time: Feb 16 02:51:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 020619.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 07 03:09:34 2019
 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)	11.211	3882461	24.832 ug/ml
Spiked Amount 50.000		Recovery =	49.66%
12) S 1-chlorooctadecane (S...	12.655	2808610	23.820 ug/ml
Spiked Amount 50.000		Recovery =	47.64%
Target Compounds			
1) T n-Nonane (C9)	3.067	2500240	24.089 ug/ml
2) T n-Decane (C10)	4.118	2971416	28.827 ug/mlm
3) T A~Naphthalene (C11.7)	5.671	3611766	32.187 ug/ml
4) T n-Dodecane (C12)	6.118	3364917	31.847 ug/ml
5) T A~2-methylnaphthalene...	6.718	3818952	34.344 ug/ml
6) T n-Tetradecane (C14)	7.899	3747210	34.411 ug/ml
7) T n-Hexadecane (C16)	9.486	3980292	35.387 ug/ml
8) T n-Octadecane (C18)	10.918	4107573	35.085 ug/ml
10) T n-Eicosane (C20)	12.218	3997436	33.567 ug/mlm
11) T n-Heneicosane (C21)	12.827	4137207	35.154 ug/ml
13) T n-Docosane (C22)	13.410	4259282	36.136 ug/ml
14) T n-Tetracosane (C24)	14.506	4236049	35.921 ug/ml
15) T n-Hexacosane (C26)	15.523	4105946	35.313 ug/ml
16) T n-Octacosane (C28)	16.467	4541022	38.964 ug/ml
17) T n-Tricontane (C30)	17.354	4329125	37.301 ug/ml
18) T n-Dotriacontane (C32)	18.181	4213840	38.747 ug/ml
19) T n-Tetratriacontane (C34)	18.961	3992055	43.103 ug/ml
20) T n-Hexatriacontane (C36)	19.697	3379524	42.547 ug/mlm
21) T n-Octatriacontane (C38)	20.392	3151256	42.908 ug/mlm
22) T n-Tetracontane (C40)	21.176	3215679	43.097 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\SJ
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ALS Vial : 17 Sample Multiplier: 1

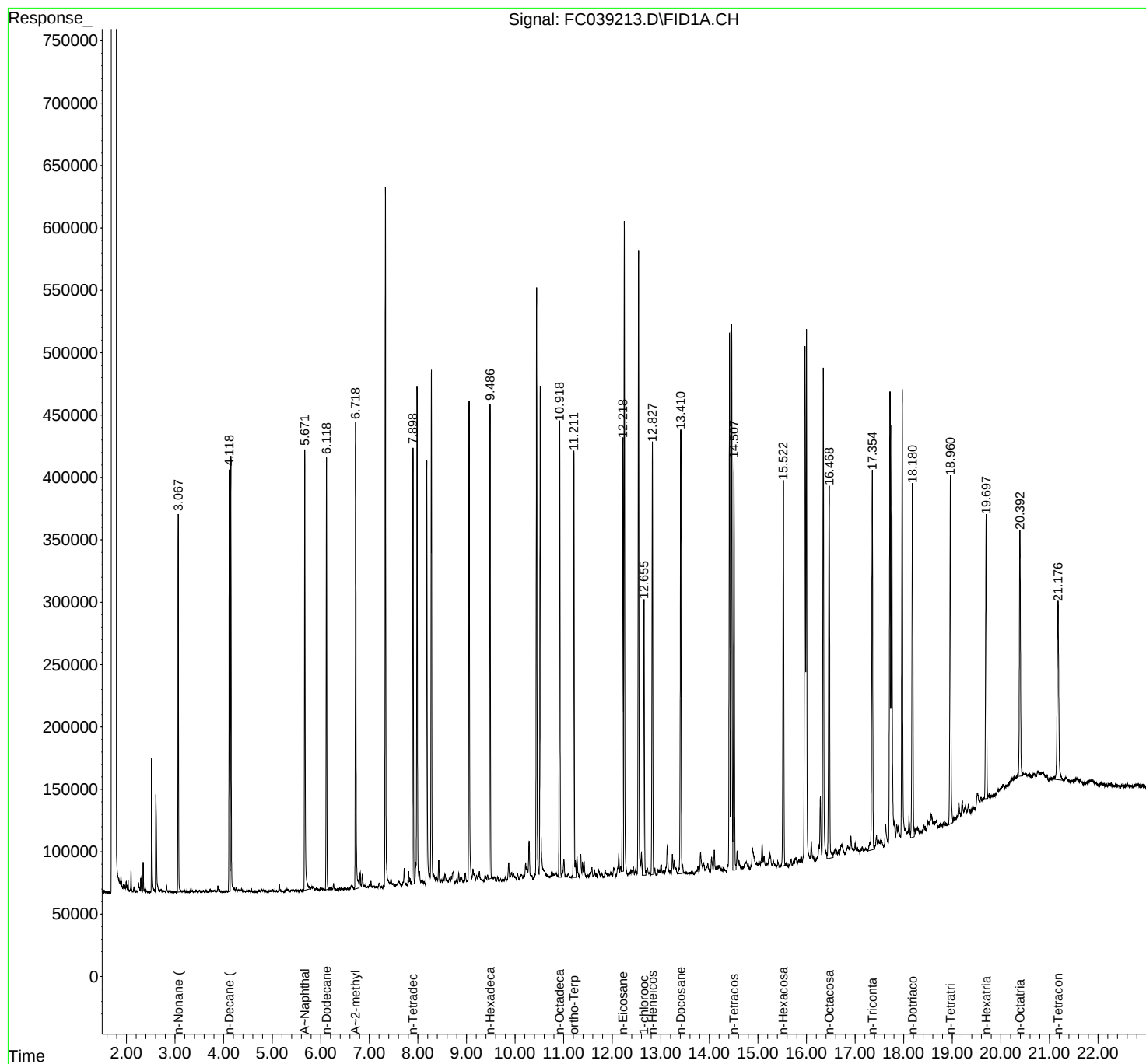
Instrument :
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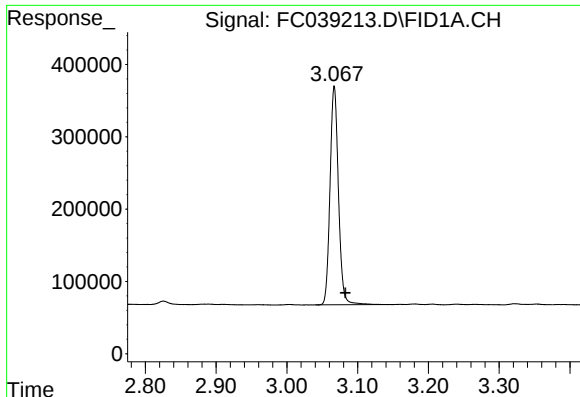
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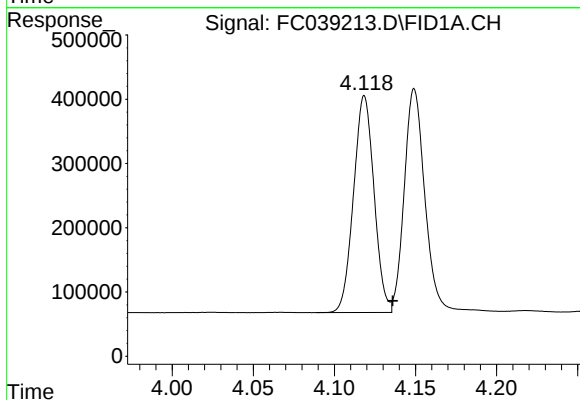
#1 n-Nonane (C9)

R.T.: 3.067 min
Delta R.T.: -0.016 min
Response: 2500240
Conc: 24.09 ug/ml

Instrument :
FID_C
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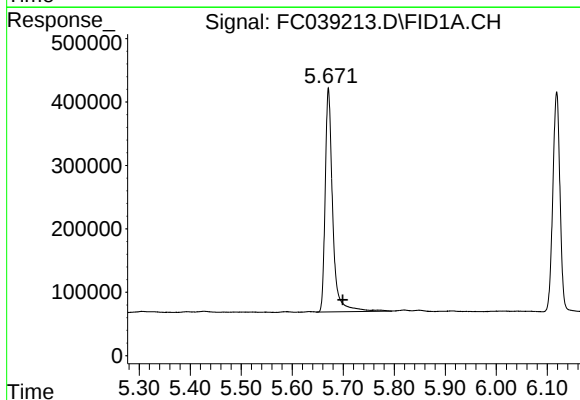
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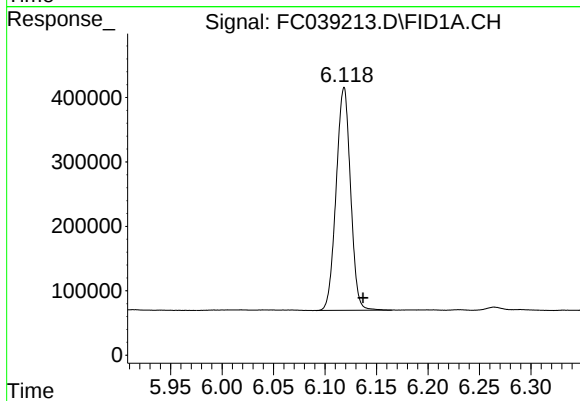
#2 n-Decane (C10)

R.T.: 4.118 min
Delta R.T.: -0.018 min
Response: 2971416
Conc: 28.83 ug/ml m



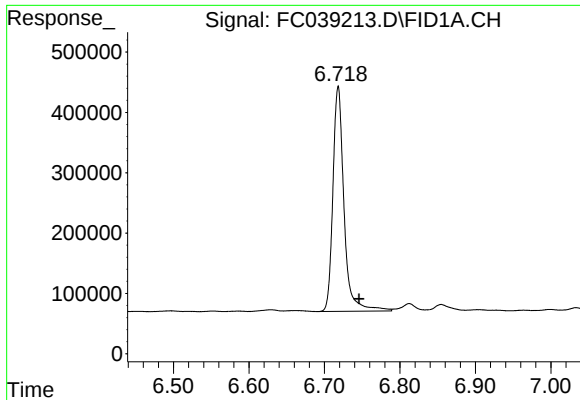
#3 A~Naphthalene (C11.7)

R.T.: 5.671 min
Delta R.T.: -0.028 min
Response: 3611766
Conc: 32.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.118 min
Delta R.T.: -0.019 min
Response: 3364917
Conc: 31.85 ug/ml



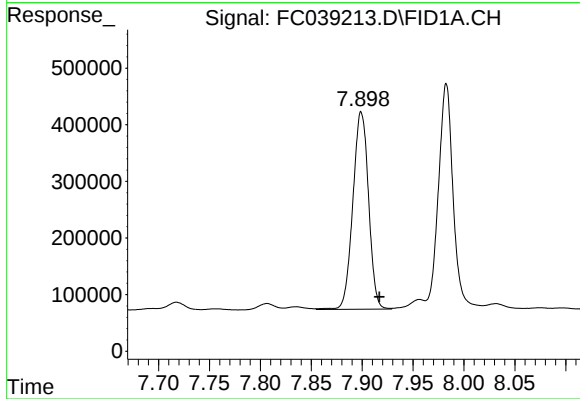
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.718 min
Delta R.T.: -0.028 min
Response: 3818952
Conc: 34.34 ug/ml

Instrument :
FID_C
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TP-1-214MSD

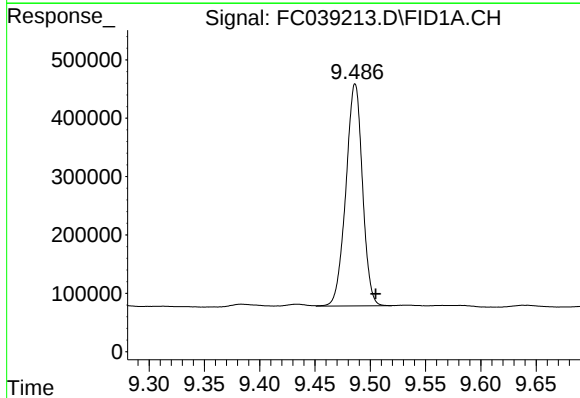
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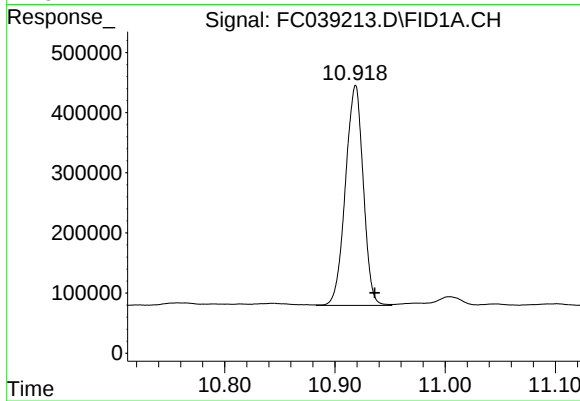
#6 n-Tetradecane (C14)

R.T.: 7.899 min
Delta R.T.: -0.018 min
Response: 3747210
Conc: 34.41 ug/ml



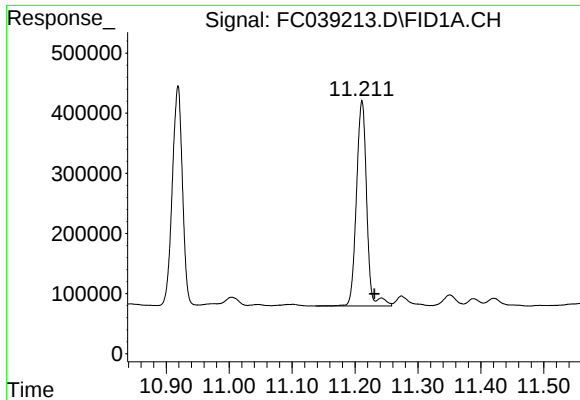
#7 n-Hexadecane (C16)

R.T.: 9.486 min
Delta R.T.: -0.019 min
Response: 3980292
Conc: 35.39 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.918 min
Delta R.T.: -0.018 min
Response: 4107573
Conc: 35.08 ug/ml



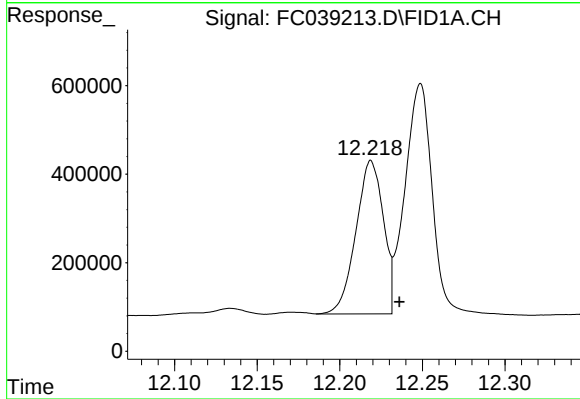
#9 ortho-Terphenyl (SURR)

R.T.: 11.211 min
Delta R.T.: -0.020 min
Response: 3882461
Conc: 24.83 ug/ml

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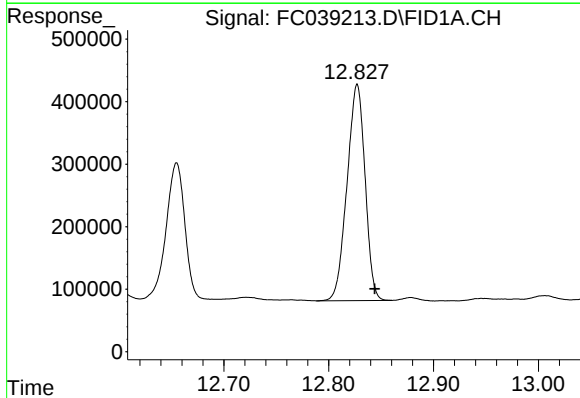
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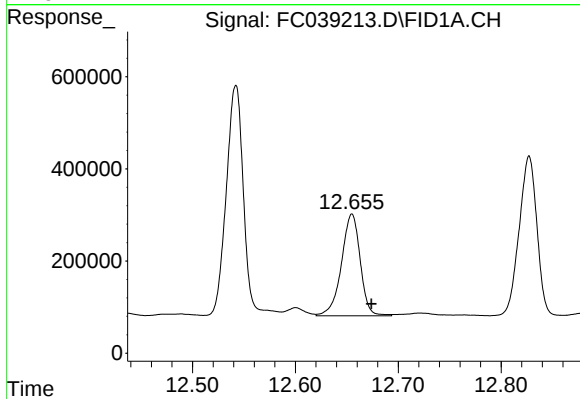
#10 n-Eicosane (C20)

R.T.: 12.218 min
Delta R.T.: -0.018 min
Response: 3997436
Conc: 33.57 ug/ml m



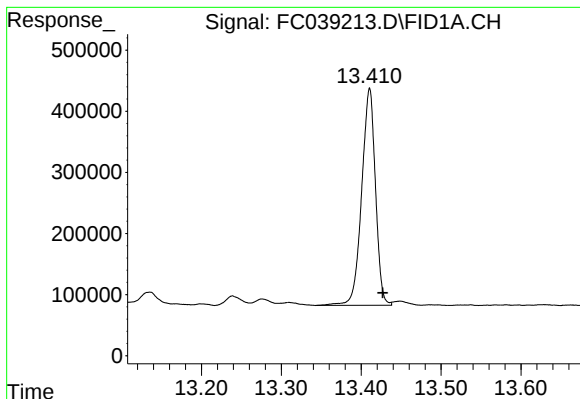
#11 n-Heneicosane (C21)

R.T.: 12.827 min
Delta R.T.: -0.017 min
Response: 4137207
Conc: 35.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.655 min
Delta R.T.: -0.019 min
Response: 2808610
Conc: 23.82 ug/ml



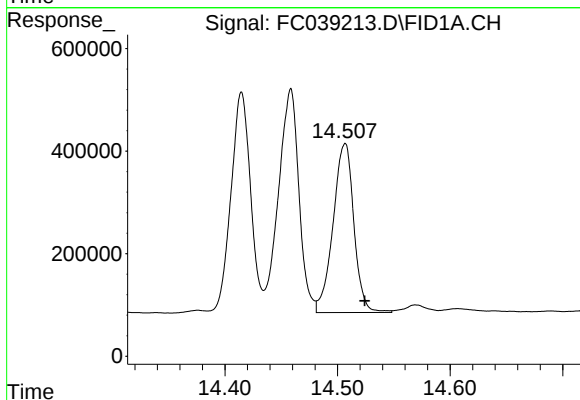
#13 n-Docosane (C22)

R.T.: 13.410 min
Delta R.T.: -0.017 min
Response: 4259282
Conc: 36.14 ug/ml

Instrument :
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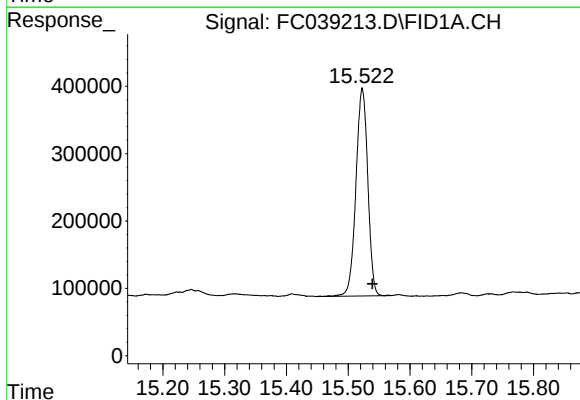
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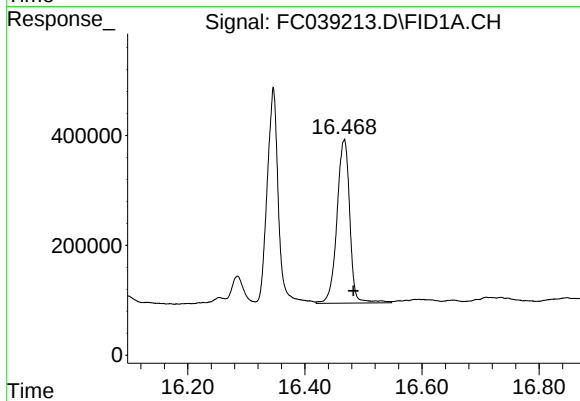
#14 n-Tetracosane (C24)

R.T.: 14.506 min
Delta R.T.: -0.018 min
Response: 4236049
Conc: 35.92 ug/ml



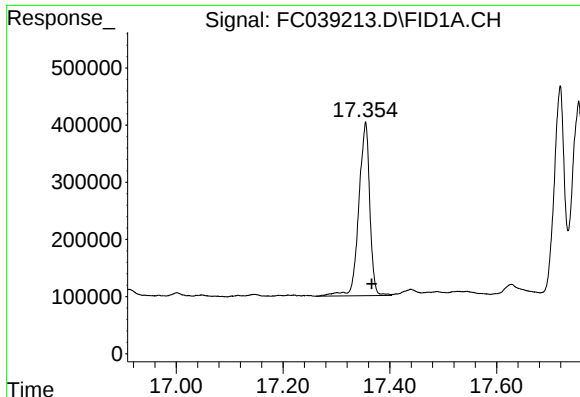
#15 n-Hexacosane (C26)

R.T.: 15.523 min
Delta R.T.: -0.016 min
Response: 4105946
Conc: 35.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.467 min
Delta R.T.: -0.016 min
Response: 4541022
Conc: 38.96 ug/ml



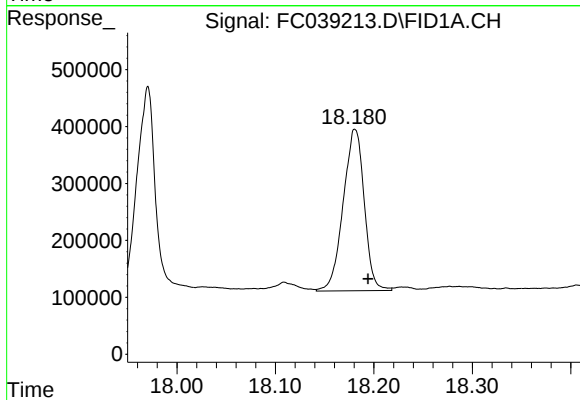
#17 n-Tricontane (C30)

R.T.: 17.354 min
Delta R.T.: -0.012 min
Response: 4329125
Conc: 37.30 ug/ml

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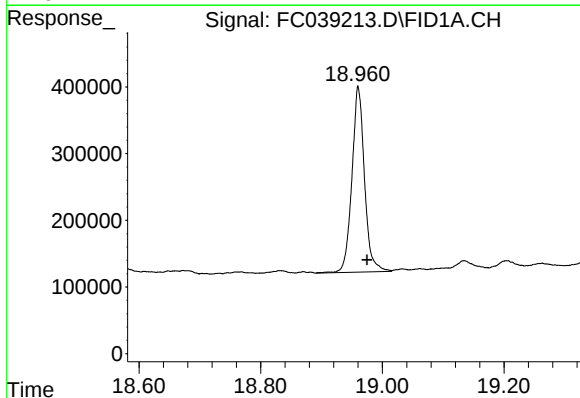
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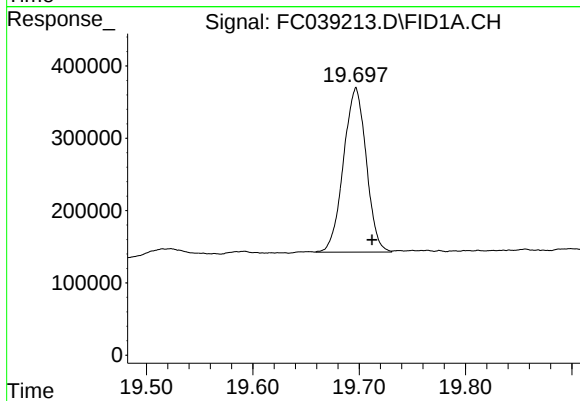
#18 n-Dotriacontane (C32)

R.T.: 18.181 min
Delta R.T.: -0.013 min
Response: 4213840
Conc: 38.75 ug/ml



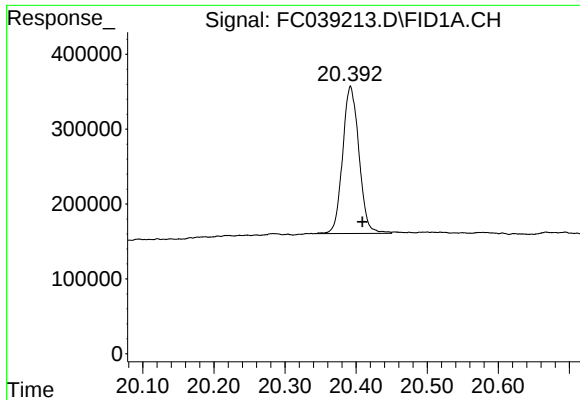
#19 n-Tetratriacontane (C34)

R.T.: 18.961 min
Delta R.T.: -0.014 min
Response: 3992055
Conc: 43.10 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.697 min
Delta R.T.: -0.015 min
Response: 3379524
Conc: 42.55 ug/ml m



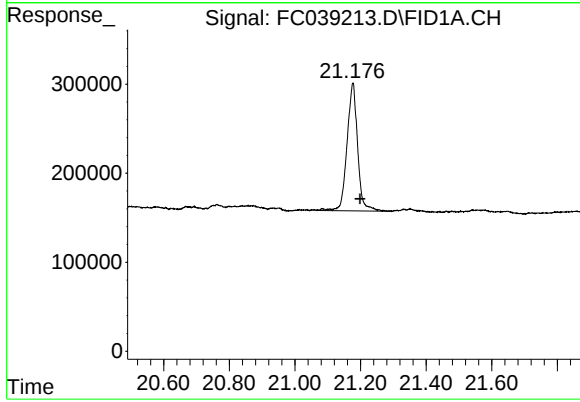
#21 n-Octatriacontane (C38)

R.T.: 20.392 min
Delta R.T.: -0.017 min
Response: 3151256
Conc: 42.91 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.176 min
Delta R.T.: -0.022 min
Response: 3215679
Conc: 43.10 ug/ml