

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100520AL\
 Data File : FC049938.D
 Signal(s) : FID1A.CH
 Acq On : 05 Oct 2020 19:55
 Operator : DD\AJ
 Sample : L4176-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 AC-4MS

Manual Integrations
 APPROVED

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 10/6/2020 12:16:18 PM

Integration File: autoint1.e
 Quant Time: Oct 06 02:46:09 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 090820.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 09 05:58:47 2020
 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			
12) S 1-chlorooctadecane (S...	13.085	3581986	40.214 ug/ml
Spiked Amount 50.000		Recovery =	80.43%
Target Compounds			
1) T n-Nonane (C9)	3.391	2819512	27.254 ug/ml
2) T n-Decane (C10)	4.463	3346957	32.224 ug/ml
4) T n-Dodecane (C12)	6.486	3977350	37.627 ug/ml
6) T n-Tetradecane (C14)	8.284	4350832	41.242 ug/ml
7) T n-Hexadecane (C16)	9.888	4582802	44.036 ug/ml
8) T n-Octadecane (C18)	11.330	4684750	43.591 ug/ml
10) T n-Eicosane (C20)	12.641	4532325	42.326 ug/ml
11) T n-Heneicosane (C21)	13.253	4526395	42.534 ug/ml
13) T n-Docosane (C22)	13.838	4473825	42.277 ug/ml
14) T n-Tetracosane (C24)	14.941	4414483	42.186 ug/ml
15) T n-Hexacosane (C26)	15.961	4263949	41.710 ug/ml
16) T n-Octacosane (C28)	16.910	4289288	42.680 ug/ml
17) T n-Tricontane (C30)	17.797	4198624	43.123 ug/ml
18) T n-Dotriacontane (C32)	18.629	3961523	43.841 ug/mlm
19) T n-Tetratriacontane (C34)	19.411	3769091	44.030 ug/ml
20) T n-Hexatriacontane (C36)	20.150	3494550	43.375 ug/mlm
21) T n-Octatriacontane (C38)	20.898	3343158	44.160 ug/ml
22) T n-Tetracontane (C40)	21.843	3284698	42.214 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : L4176-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

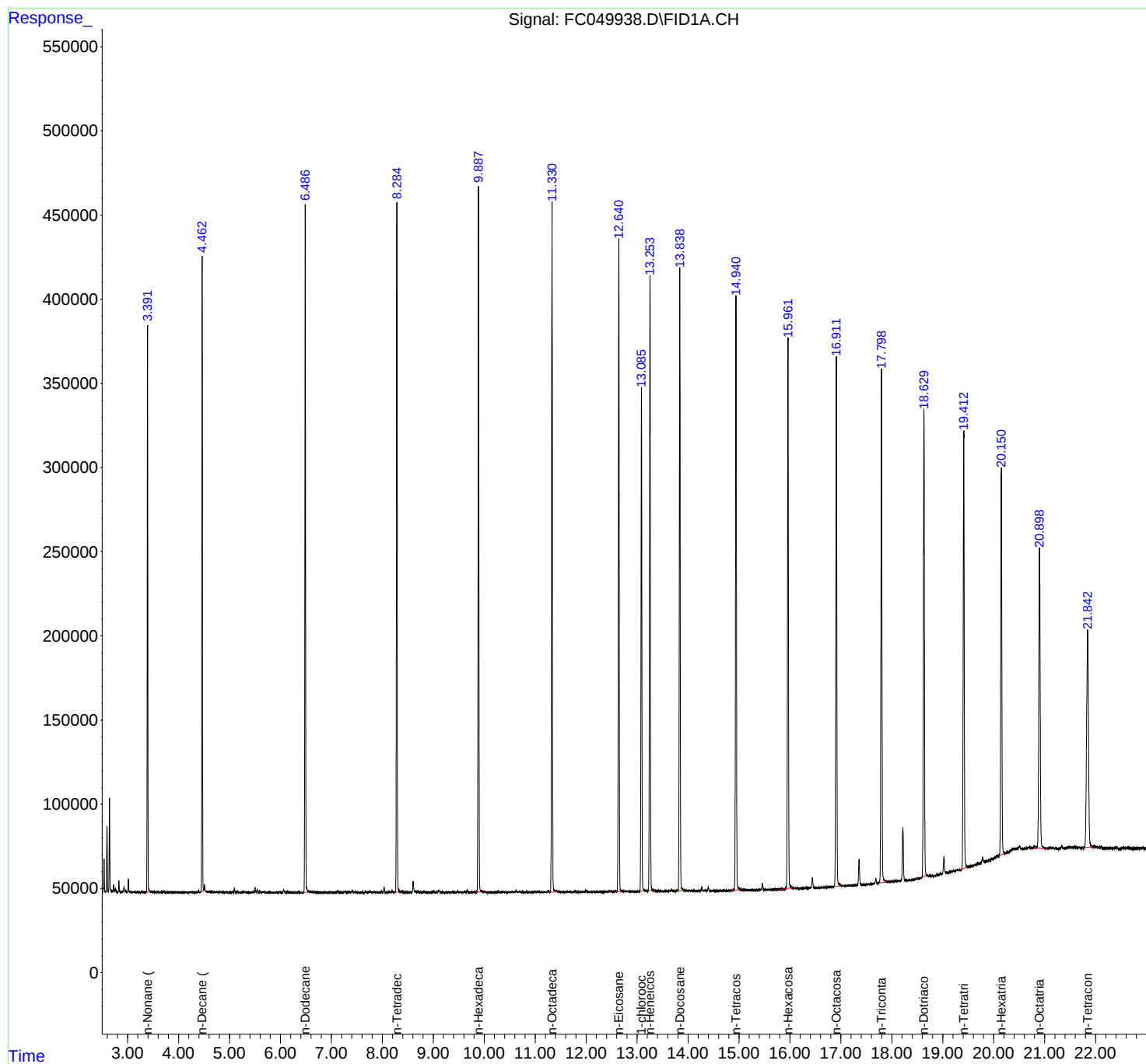
Instrument :
FID_C
ClientSampled :
AC-4MS

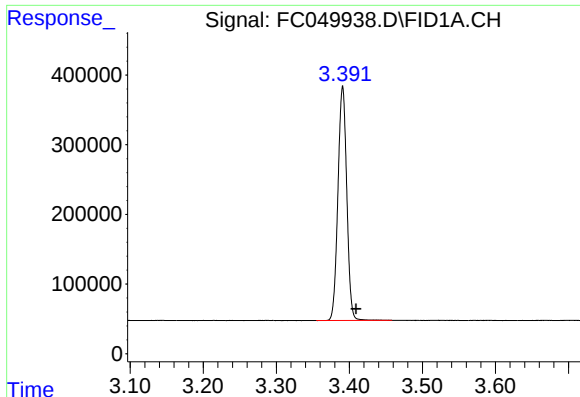
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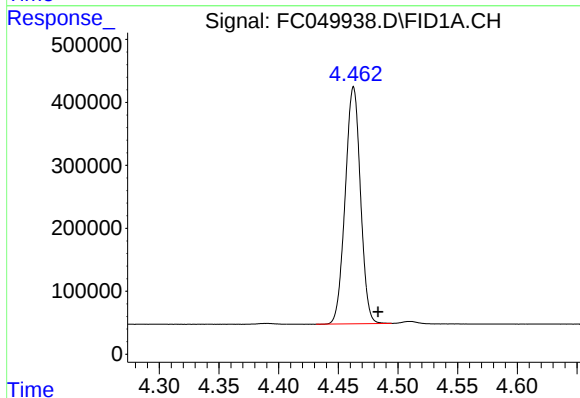
#1 n-Nonane (C9)

R.T.: 3.391 min
Delta R.T.: -0.018 min
Response: 2819512
Conc: 27.25 ug/ml

Instrument :
FID_C
ClientSampleId :
AC-4MS

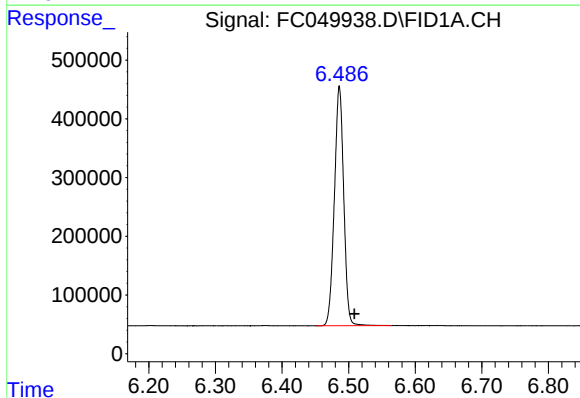
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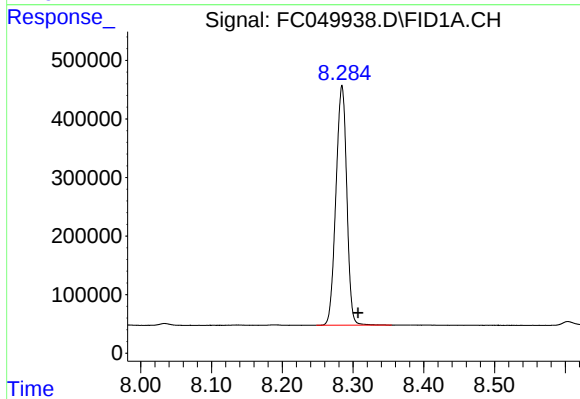
#2 n-Decane (C10)

R.T.: 4.463 min
Delta R.T.: -0.021 min
Response: 3346957
Conc: 32.22 ug/ml



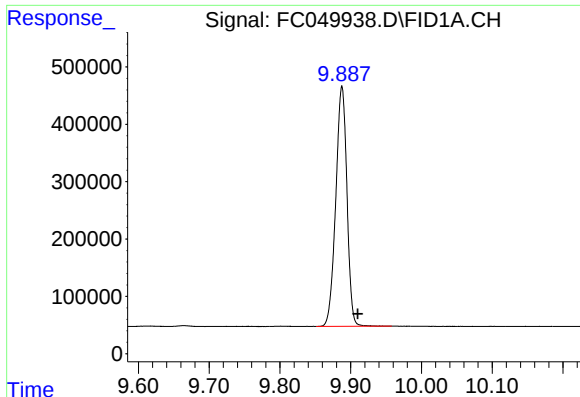
#4 n-Dodecane (C12)

R.T.: 6.486 min
Delta R.T.: -0.023 min
Response: 3977350
Conc: 37.63 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.284 min
Delta R.T.: -0.023 min
Response: 4350832
Conc: 41.24 ug/ml



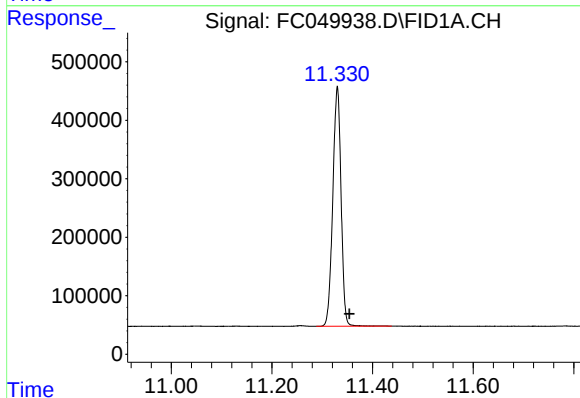
#7 n-Hexadecane (C16)

R.T.: 9.888 min
Delta R.T.: -0.023 min
Response: 4582802
Conc: 44.04 ug/ml

Instrument :
FID_C
ClientSampleId :
AC-4MS

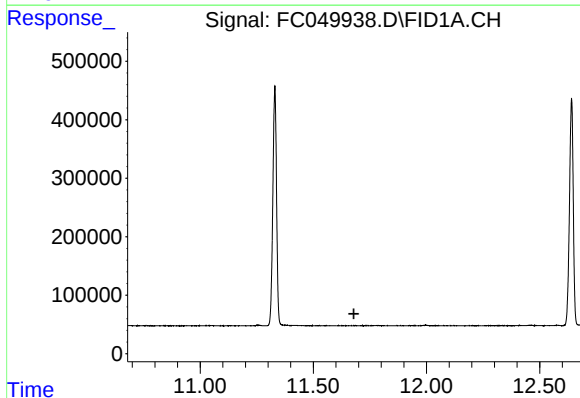
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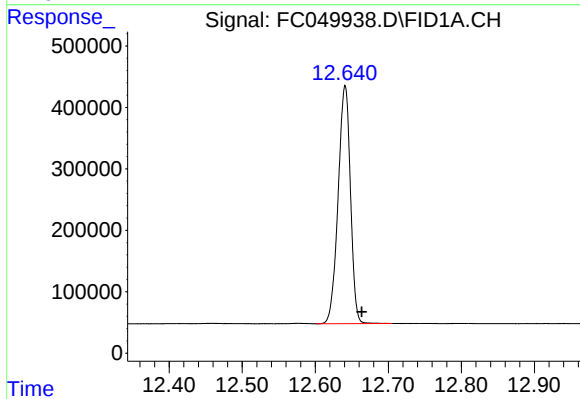
#8 n-Octadecane (C18)

R.T.: 11.330 min
Delta R.T.: -0.024 min
Response: 4684750
Conc: 43.59 ug/ml



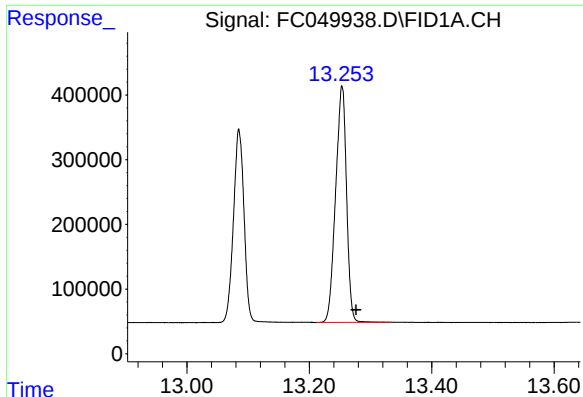
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.679 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.641 min
Delta R.T.: -0.023 min
Response: 4532325
Conc: 42.33 ug/ml



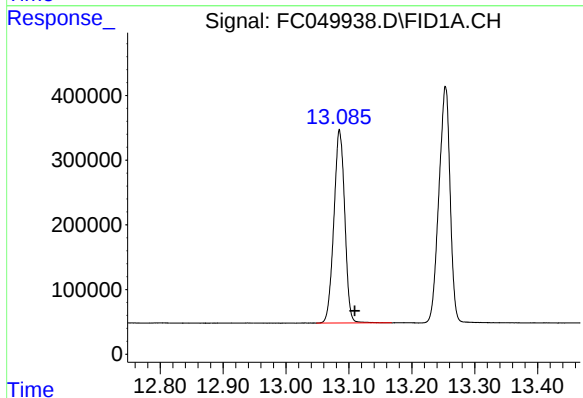
#11 n-Heneicosane (C21)

R.T.: 13.253 min
Delta R.T.: -0.023 min
Response: 4526395
Conc: 42.53 ug/ml

Instrument :
FID_C
ClientSampleId :
AC-4MS

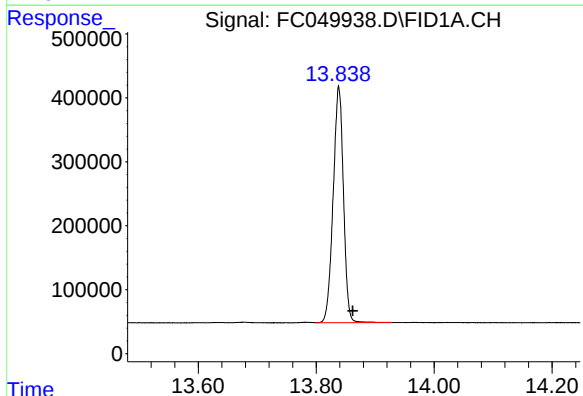
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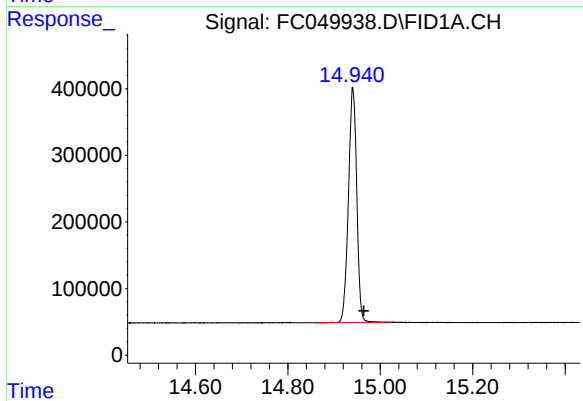
#12 1-chlorooctadecane (SURR)

R.T.: 13.085 min
Delta R.T.: -0.024 min
Response: 3581986
Conc: 40.21 ug/ml



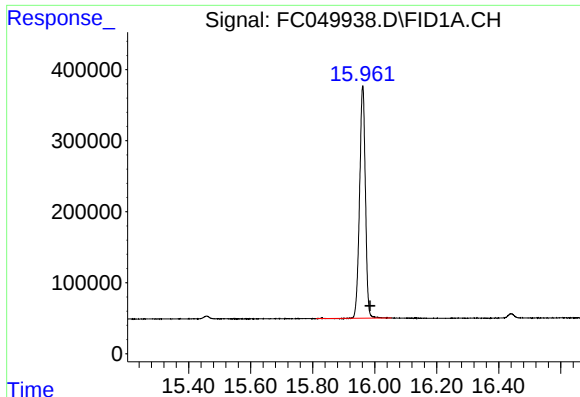
#13 n-Docosane (C22)

R.T.: 13.838 min
Delta R.T.: -0.024 min
Response: 4473825
Conc: 42.28 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.941 min
Delta R.T.: -0.024 min
Response: 4414483
Conc: 42.19 ug/ml



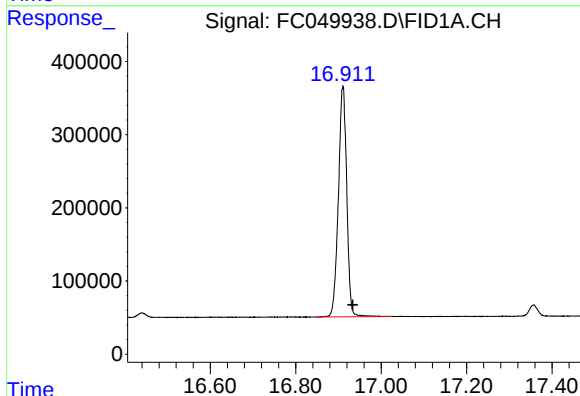
#15 n-Hexacosane (C26)

R.T.: 15.961 min
Delta R.T.: -0.024 min
Response: 4263949
Conc: 41.71 ug/ml

Instrument :
FID_C
ClientSampleId :
AC-4MS

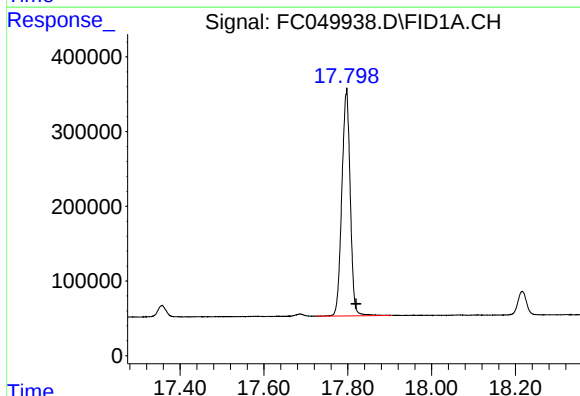
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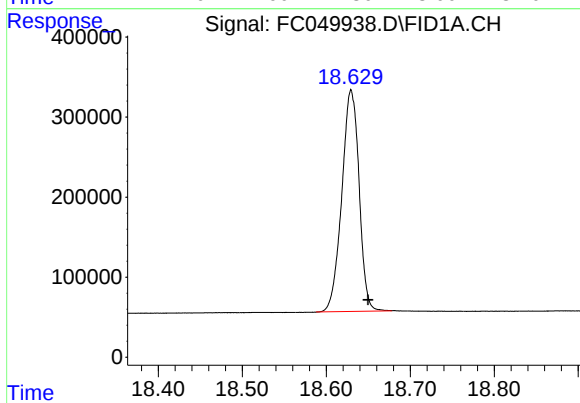
#16 n-Octacosane (C28)

R.T.: 16.910 min
Delta R.T.: -0.023 min
Response: 4289288
Conc: 42.68 ug/ml



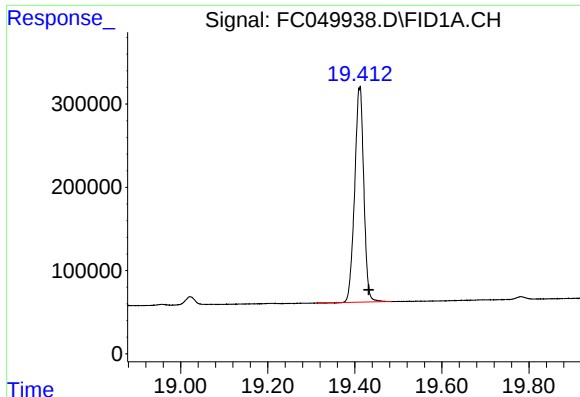
#17 n-Tricontane (C30)

R.T.: 17.797 min
Delta R.T.: -0.023 min
Response: 4198624
Conc: 43.12 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.629 min
Delta R.T.: -0.021 min
Response: 3961523
Conc: 43.84 ug/ml m



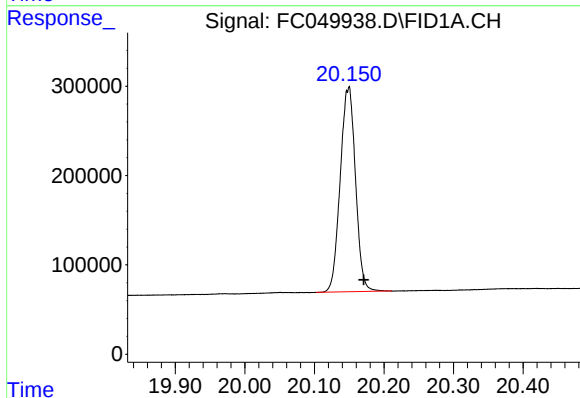
#19 n-Tetratriacontane (C34)

R.T.: 19.411 min
Delta R.T.: -0.021 min
Response: 3769091
Conc: 44.03 ug/ml

Instrument :
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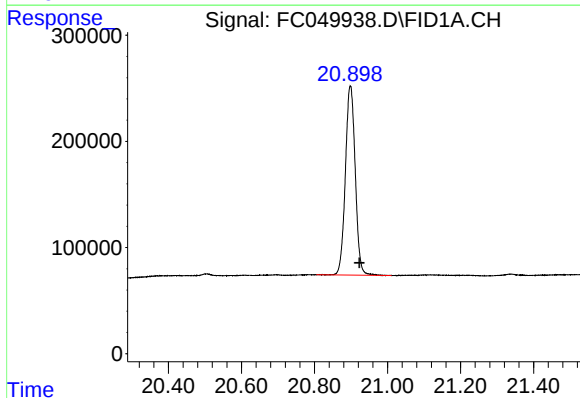
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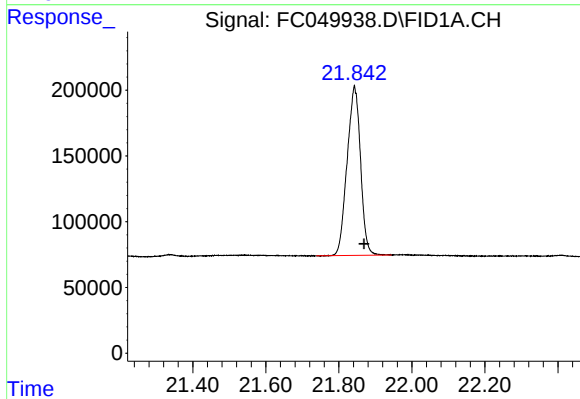
#20 n-Hexatriacontane (C36)

R.T.: 20.150 min
Delta R.T.: -0.021 min
Response: 3494550
Conc: 43.38 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.898 min
Delta R.T.: -0.025 min
Response: 3343158
Conc: 44.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.843 min
Delta R.T.: -0.026 min
Response: 3284698
Conc: 42.21 ug/ml