

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112421AL\
 Data File : FC057066.D
 Signal(s) : FID1A.CH
 Acq On : 24 Nov 2021 17:40
 Operator : AJ\MA
 Sample : PB141005BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB141005BS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/26/2021
 Supervised By :mohammad ahmed 11/26/2021

Integration File: autoint1.e
 Quant Time: Nov 25 02:07:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 19 00:52:49 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			
12) S 1-chlorooctadecane (S...	13.027	3857156	42.369 ug/ml
Spiked Amount 50.000		Recovery =	84.74%
Target Compounds			
1) T n-Nonane (C9)	3.358	2973571	29.345 ug/ml
2) T n-Decane (C10)	4.425	3664082	36.590 ug/ml
4) T n-Dodecane (C12)	6.441	4186029	41.286 ug/ml
6) T n-Tetradecane (C14)	8.235	4499090	44.405 ug/ml
7) T n-Hexadecane (C16)	9.835	5120709	49.901 ug/ml
8) T n-Octadecane (C18)	11.275	5569063	51.980 ug/ml
10) T n-Eicosane (C20)	12.582	5482792	51.263 ug/ml
11) T n-Heneicosane (C21)	13.193	5442801	50.260 ug/ml
13) T n-Docosane (C22)	13.778	5365418	50.081 ug/ml
14) T n-Tetracosane (C24)	14.878	5210765	48.134 ug/ml
15) T n-Hexacosane (C26)	15.896	5013997	47.072 ug/ml
16) T n-Octacosane (C28)	16.842	4805361	45.051 ug/ml
17) T n-Tricontane (C30)	17.726	4608635	43.239 ug/ml
18) T n-Dotriacontane (C32)	18.554	4408730	41.797 ug/ml
19) T n-Tetratriacontane (C34)	19.334	4172504	40.164 ug/ml
20) T n-Hexatriacontane (C36)	20.072	3840182	38.019 ug/mlm
21) T n-Octatriacontane (C38)	20.801	3645399	39.712 ug/mlm
22) T n-Tetracontane (C40)	21.706	3663347	40.666 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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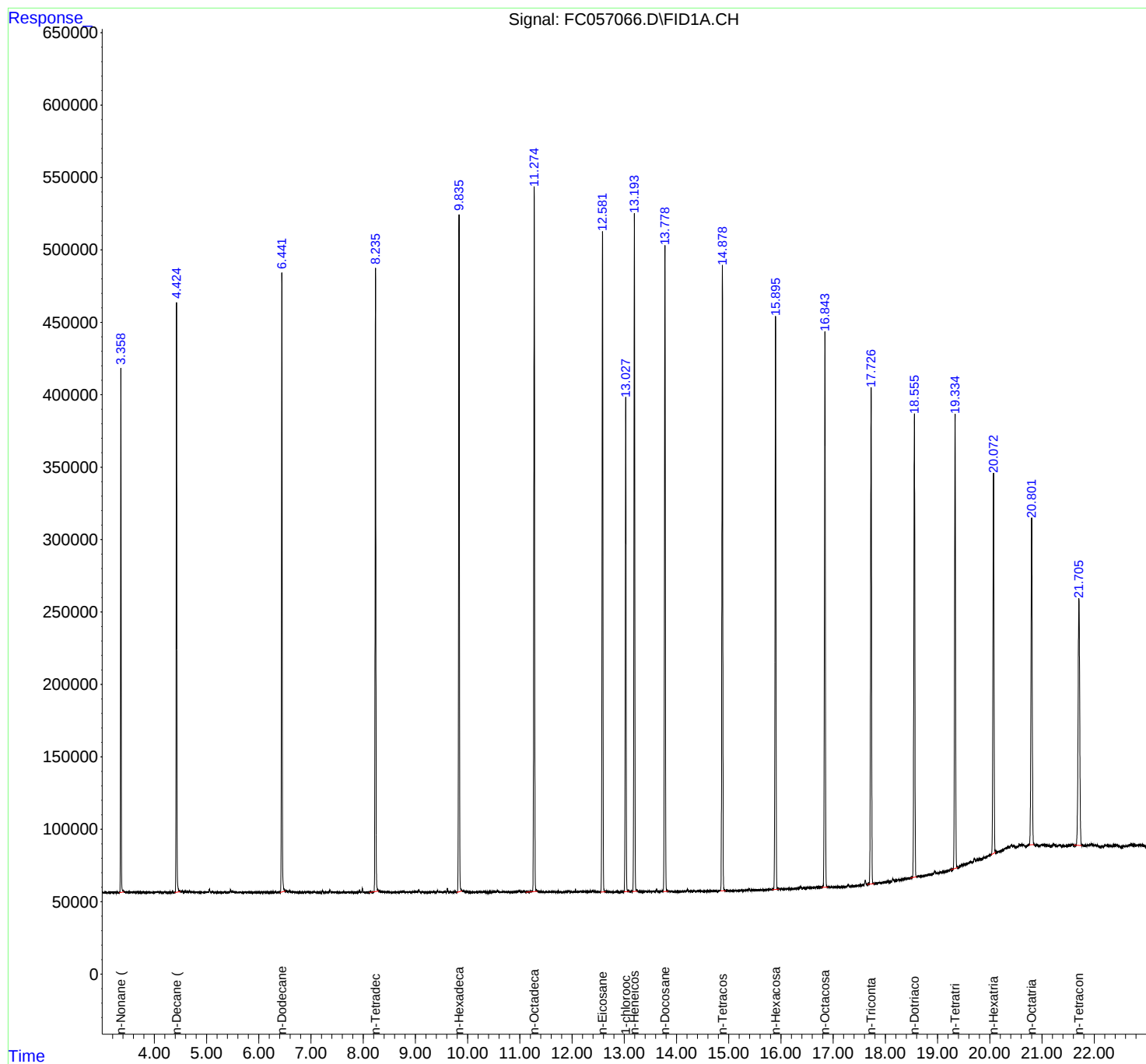
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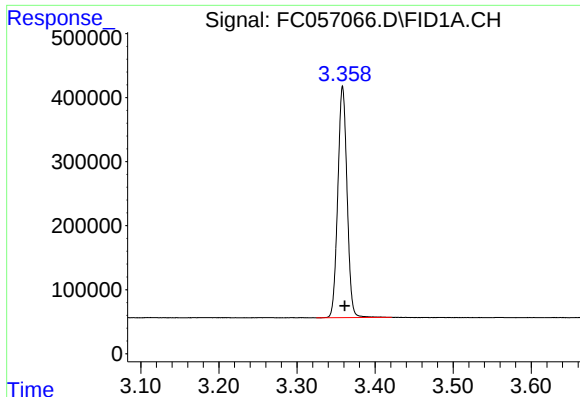
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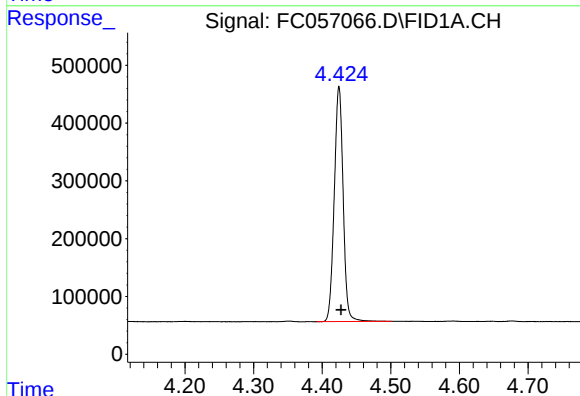
#1 n-Nonane (C9)

R.T.: 3.358 min
Delta R.T.: -0.003 min
Response: 2973571
Conc: 29.34 ug/ml

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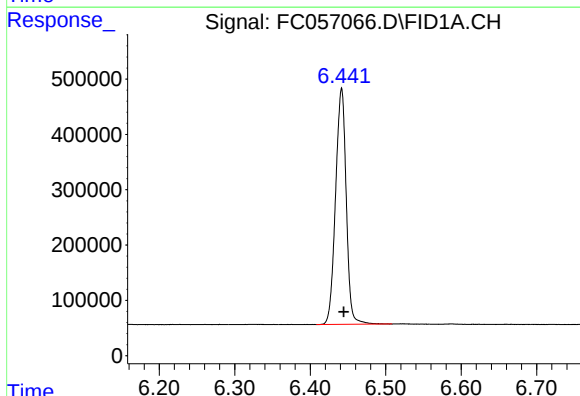
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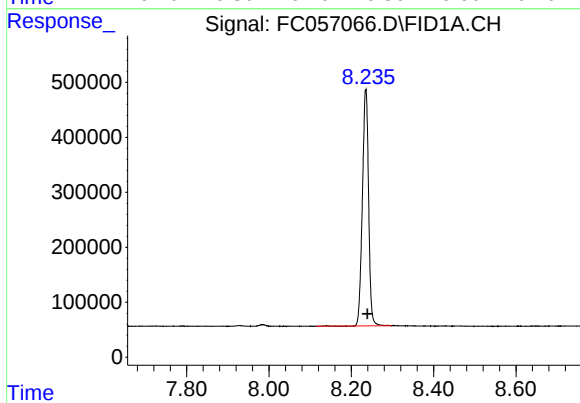
#2 n-Decane (C10)

R.T.: 4.425 min
Delta R.T.: -0.003 min
Response: 3664082
Conc: 36.59 ug/ml



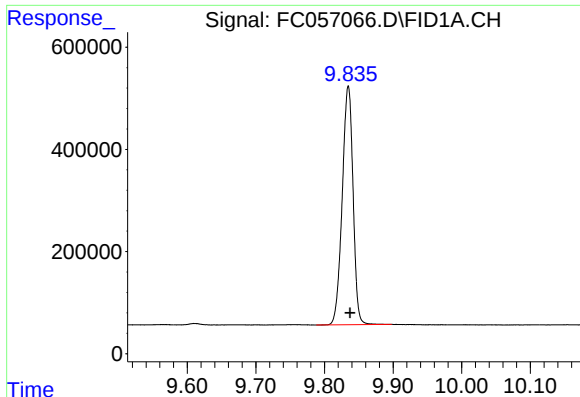
#4 n-Dodecane (C12)

R.T.: 6.441 min
Delta R.T.: -0.003 min
Response: 4186029
Conc: 41.29 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.235 min
Delta R.T.: -0.004 min
Response: 4499090
Conc: 44.40 ug/ml



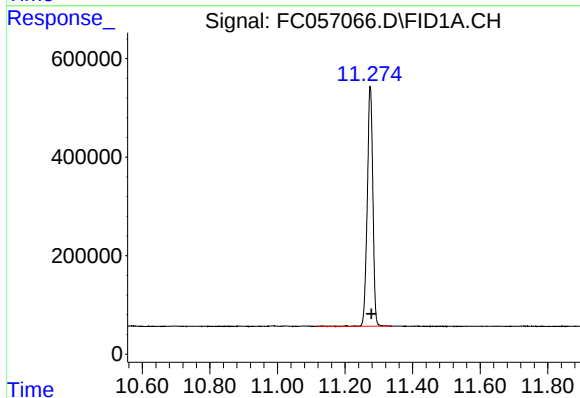
#7 n-Hexadecane (C16)

R.T.: 9.835 min
Delta R.T.: -0.003 min
Response: 5120709
Conc: 49.90 ug/ml

Instrument :
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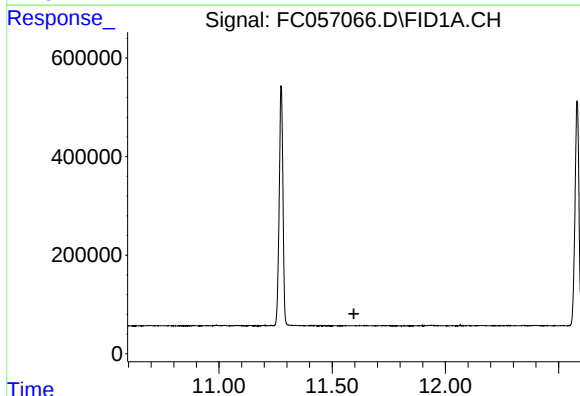
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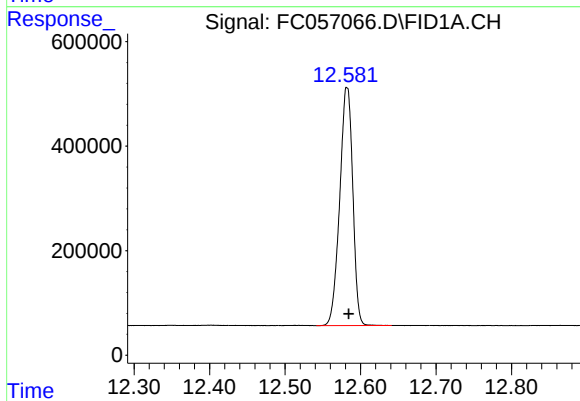
#8 n-Octadecane (C18)

R.T.: 11.275 min
Delta R.T.: -0.003 min
Response: 5569063
Conc: 51.98 ug/ml



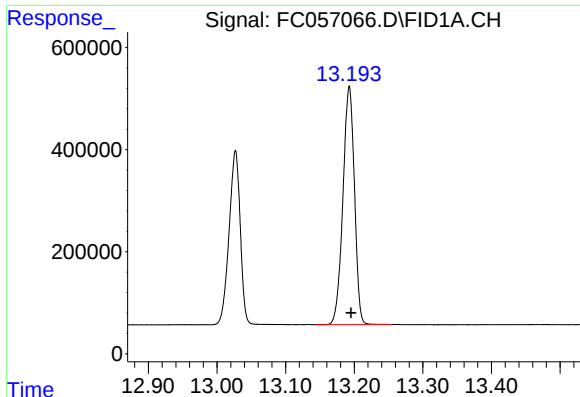
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.596 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.582 min
Delta R.T.: -0.002 min
Response: 5482792
Conc: 51.26 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.193 min
Delta R.T.: -0.003 min
Response: 5442801
Conc: 50.26 ug/ml

Instrument :

FID_C

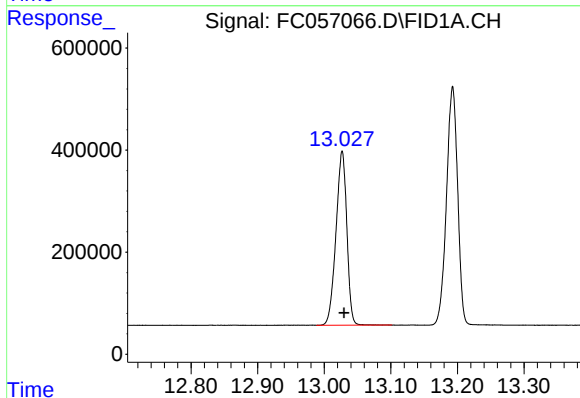
ClientSampleId :

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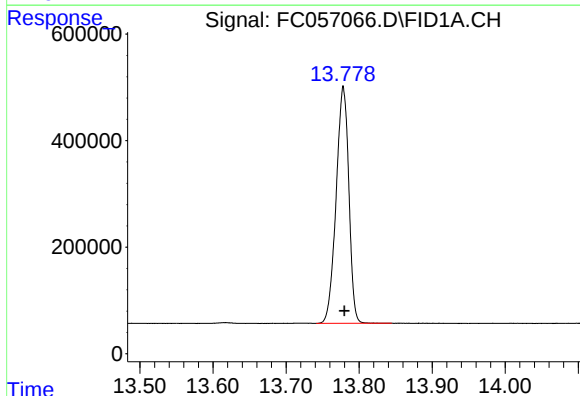
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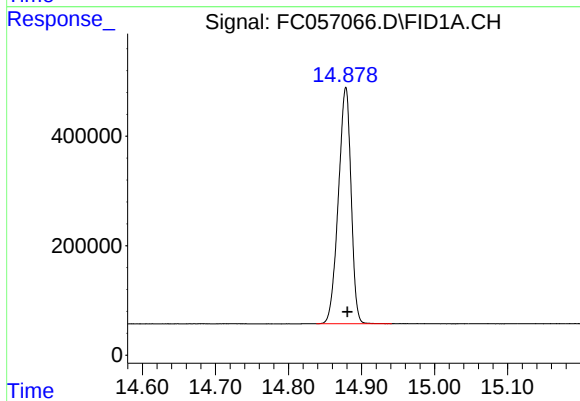
#12 1-chlorooctadecane (SURR)

R.T.: 13.027 min
Delta R.T.: -0.003 min
Response: 3857156
Conc: 42.37 ug/ml



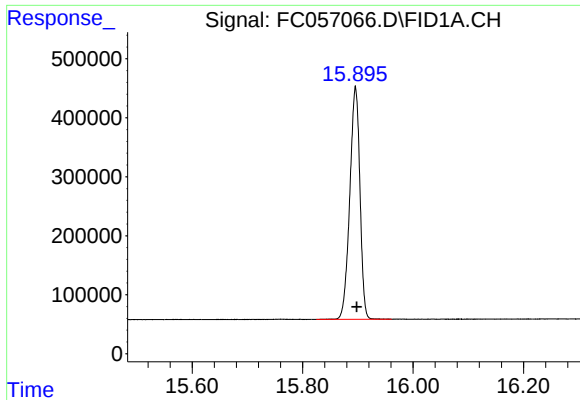
#13 n-Docosane (C22)

R.T.: 13.778 min
Delta R.T.: -0.002 min
Response: 5365418
Conc: 50.08 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.878 min
Delta R.T.: -0.002 min
Response: 5210765
Conc: 48.13 ug/ml



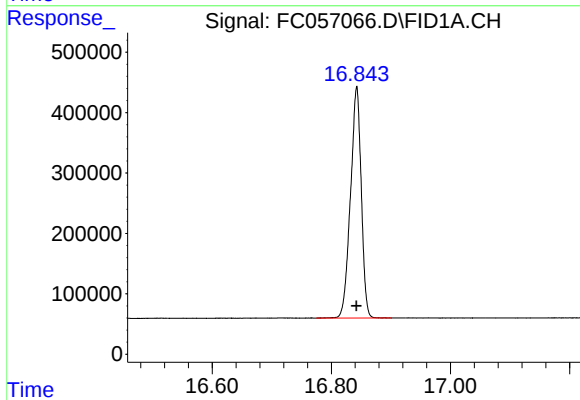
#15 n-Hexacosane (C26)

R.T.: 15.896 min
Delta R.T.: -0.002 min
Response: 5013997
Conc: 47.07 ug/ml

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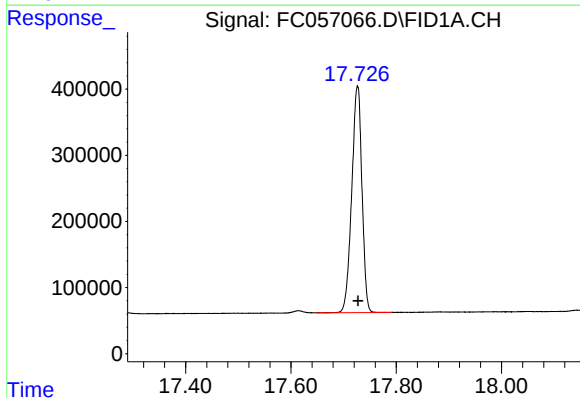
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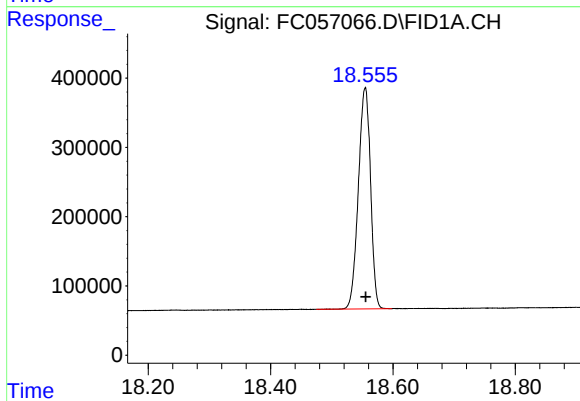
#16 n-Octacosane (C28)

R.T.: 16.842 min
Delta R.T.: 0.000 min
Response: 4805361
Conc: 45.05 ug/ml



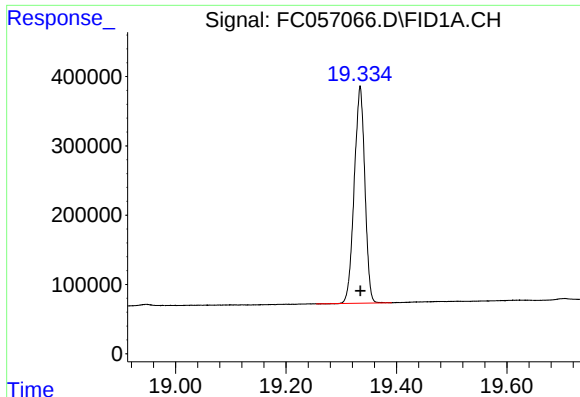
#17 n-Tricontane (C30)

R.T.: 17.726 min
Delta R.T.: -0.001 min
Response: 4608635
Conc: 43.24 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.554 min
Delta R.T.: -0.001 min
Response: 4408730
Conc: 41.80 ug/ml



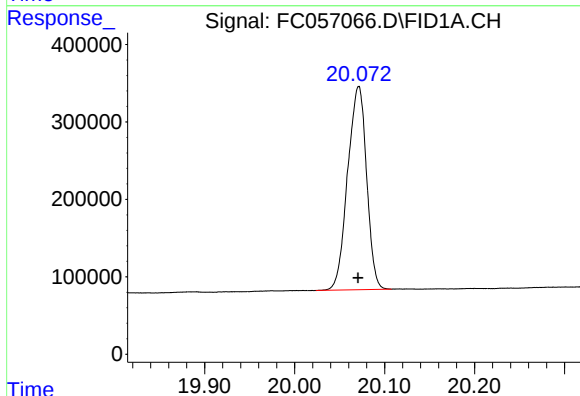
#19 n-Tetratriacontane (C34)

R.T.: 19.334 min
Delta R.T.: 0.000 min
Response: 4172504
Conc: 40.16 ug/ml

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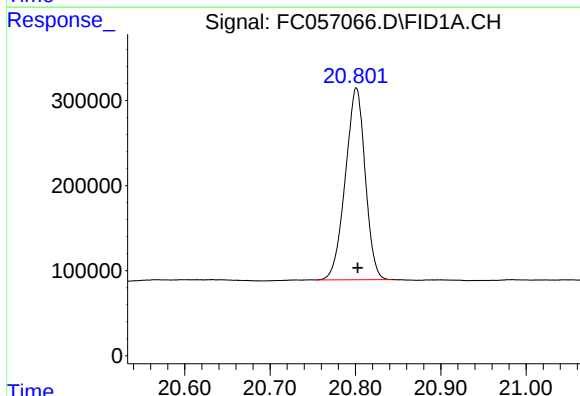
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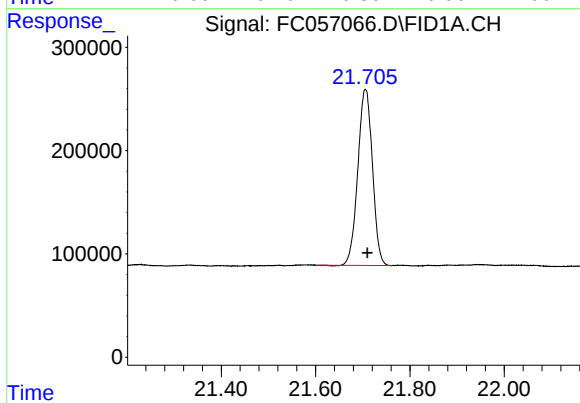
#20 n-Hexatriacontane (C36)

R.T.: 20.072 min
Delta R.T.: 0.001 min
Response: 3840182
Conc: 38.02 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.801 min
Delta R.T.: -0.002 min
Response: 3645399
Conc: 39.71 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.706 min
Delta R.T.: -0.005 min
Response: 3663347
Conc: 40.67 ug/ml