

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042222AL\
 Data File : FC059353.D
 Signal(s) : FID1A.CH
 Acq On : 22 Apr 2022 11:29
 Operator : UA/NP
 Sample : PB144240BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB144240BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/25/2022
 Supervised By :mohammad ahmed 04/25/2022

Integration File: sample.E
 Quant Time: Apr 22 23:29:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:30:29 2022
 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...	12.544	6043041	46.277 ug/ml
Spiked Amount 50.000		Recovery =	92.55%
Target Compounds			
1) T n-Nonane (C9)	2.961	2649357	21.139 ug/ml
2) T n-Decane (C10)	4.001	3431511	27.467 ug/ml
4) T n-Dodecane (C12)	5.999	4002966	30.356 ug/ml
6) T n-Tetradecane (C14)	7.781	4289546	31.712 ug/ml
7) T n-Hexadecane (C16)	9.371	4947532	35.228 ug/ml
8) T n-Octadecane (C18)	10.804	5692000	38.966 ug/ml
10) T n-Eicosane (C20)	12.107	5849395	39.004 ug/ml
11) T n-Heneicosane (C21)	12.716	5983432	39.336 ug/ml
13) T n-Docosane (C22)	13.298	6031180	39.362 ug/ml
14) T n-Tetracosane (C24)	14.395	6111711	39.471 ug/ml
15) T n-Hexacosane (C26)	15.411	6096464	39.557 ug/ml
16) T n-Octacosane (C28)	16.357	5969154	38.560 ug/ml
17) T n-Tricontane (C30)	17.239	5816289	38.293 ug/ml
18) T n-Dotriacontane (C32)	18.068	5675484	40.280 ug/ml
19) T n-Tetratriacontane (C34)	18.850	5057740	40.018 ug/ml
20) T n-Hexatriacontane (C36)	19.586	4607428	42.124 ug/ml
21) T n-Octatriacontane (C38)	20.286	4172166	44.798 ug/mlm
22) T n-Tetracontane (C40)	21.026	3807073	45.578 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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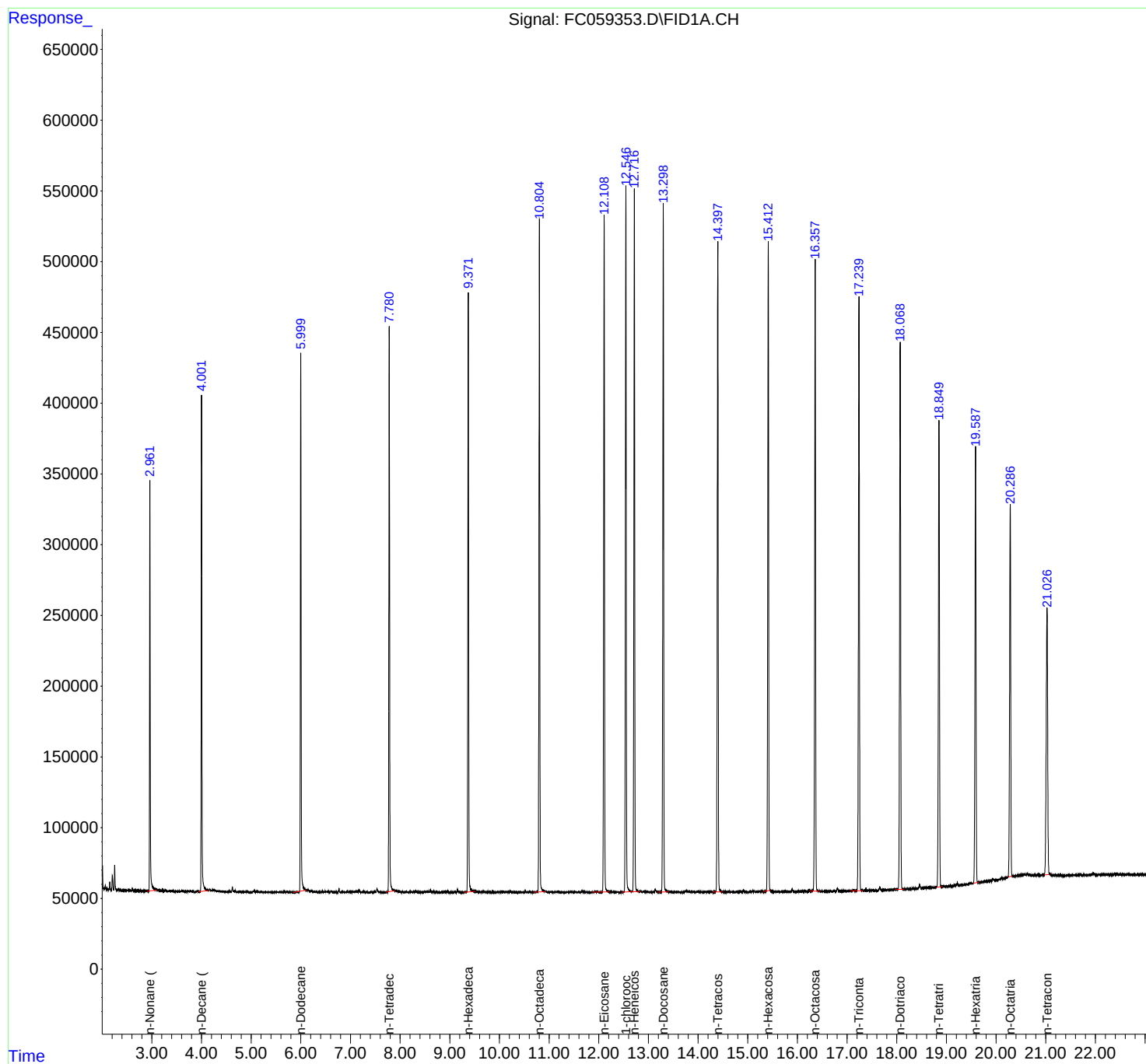
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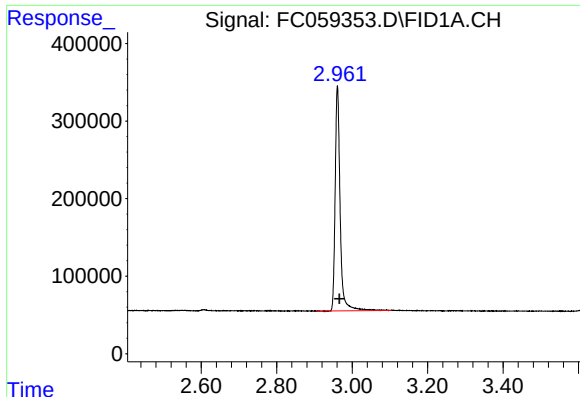
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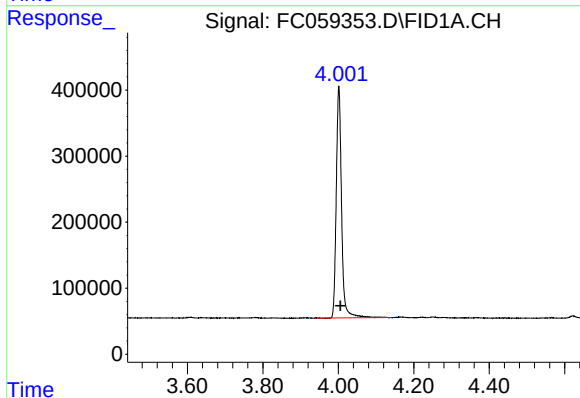
#1 n-Nonane (C9)

R.T.: 2.961 min
Delta R.T.: -0.005 min
Response: 2649357
Conc: 21.14 ug/ml

Instrument :
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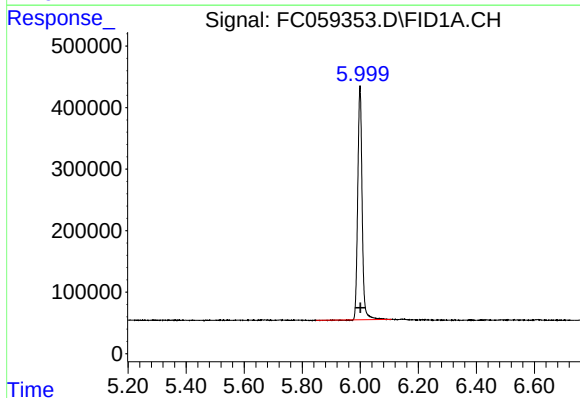
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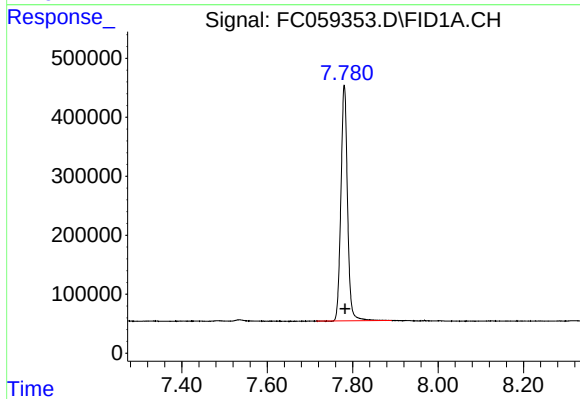
#2 n-Decane (C10)

R.T.: 4.001 min
Delta R.T.: -0.004 min
Response: 3431511
Conc: 27.47 ug/ml



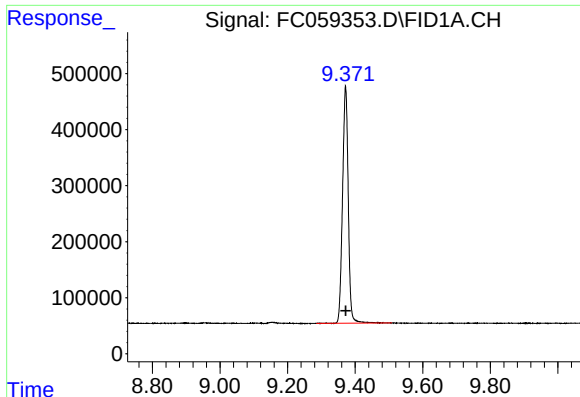
#4 n-Dodecane (C12)

R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 4002966
Conc: 30.36 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.781 min
Delta R.T.: -0.001 min
Response: 4289546
Conc: 31.71 ug/ml



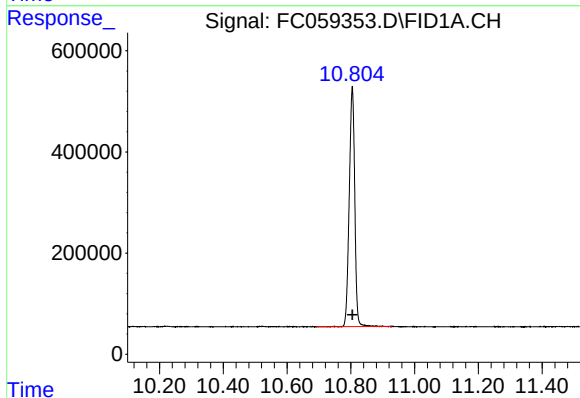
#7 n-Hexadecane (C16)

R.T.: 9.371 min
Delta R.T.: 0.000 min
Response: 4947532
Conc: 35.23 ug/ml

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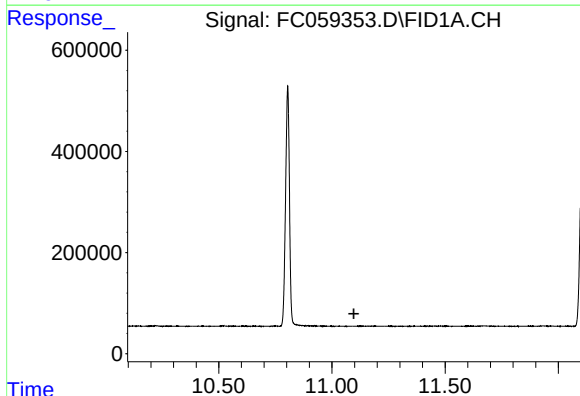
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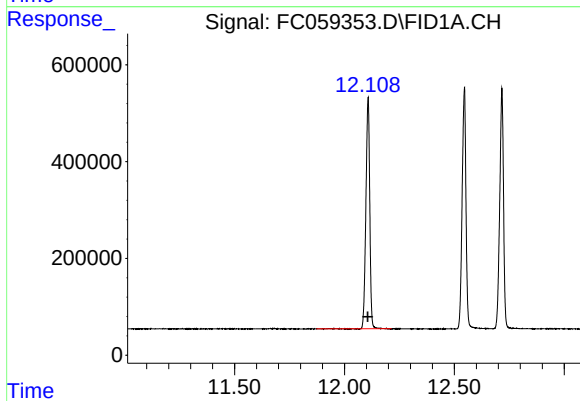
#8 n-Octadecane (C18)

R.T.: 10.804 min
Delta R.T.: 0.000 min
Response: 5692000
Conc: 38.97 ug/ml



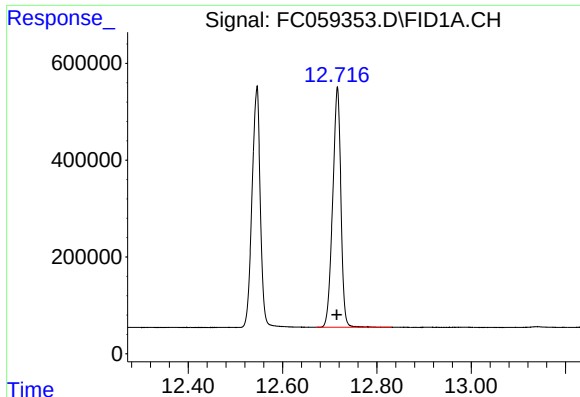
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.097 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.107 min
Delta R.T.: 0.001 min
Response: 5849395
Conc: 39.00 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.716 min
Delta R.T.: 0.000 min
Response: 5983432
Conc: 39.34 ug/ml

Instrument :

FID_C

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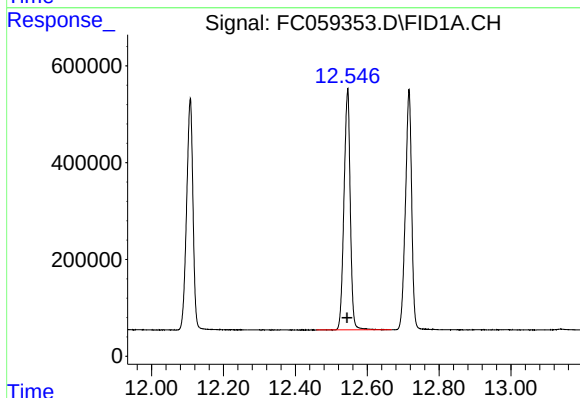
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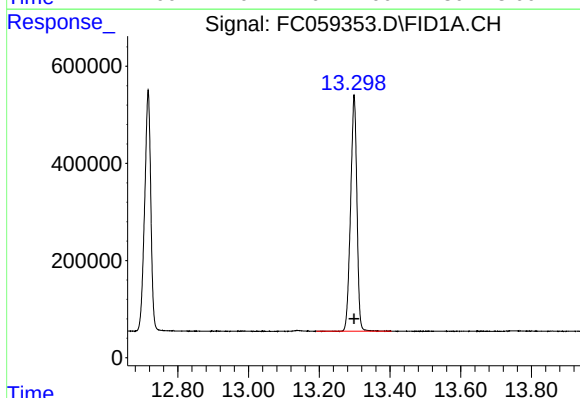
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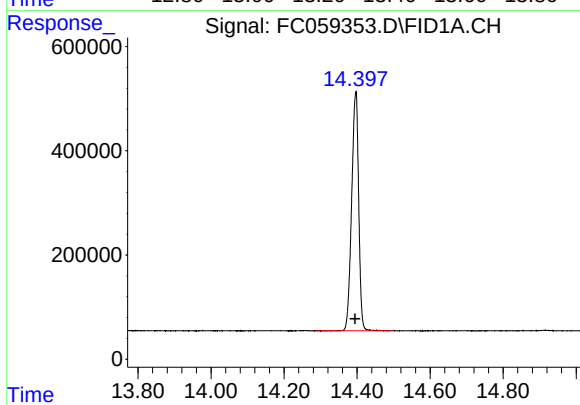
#12 1-chlorooctadecane (SURR)

R.T.: 12.544 min
Delta R.T.: 0.000 min
Response: 6043041
Conc: 46.28 ug/ml



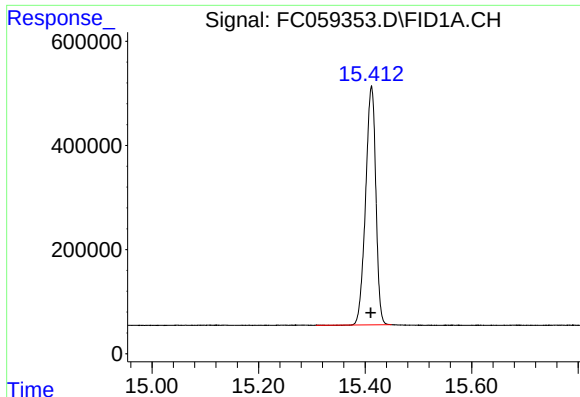
#13 n-Docosane (C22)

R.T.: 13.298 min
Delta R.T.: 0.000 min
Response: 6031180
Conc: 39.36 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.395 min
Delta R.T.: 0.001 min
Response: 6111711
Conc: 39.47 ug/ml



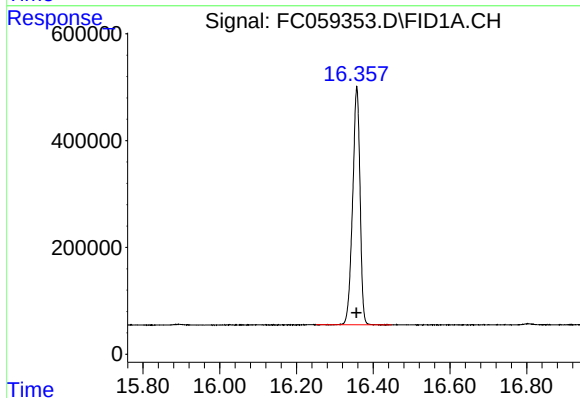
#15 n-Hexacosane (C26)

R.T.: 15.411 min
Delta R.T.: 0.000 min
Response: 6096464
Conc: 39.56 ug/ml

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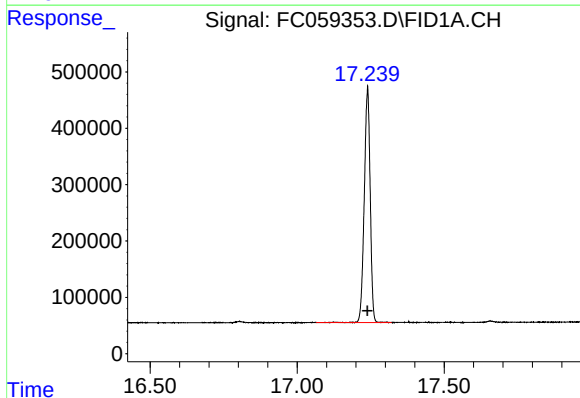
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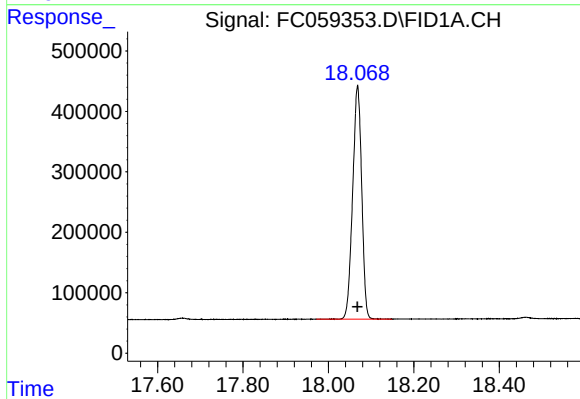
#16 n-Octacosane (C28)

R.T.: 16.357 min
Delta R.T.: 0.000 min
Response: 5969154
Conc: 38.56 ug/ml



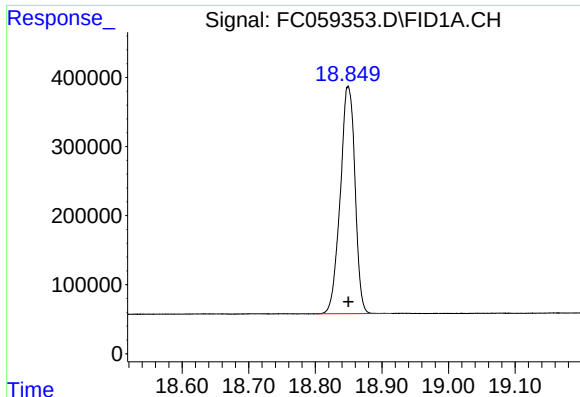
#17 n-Tricontane (C30)

R.T.: 17.239 min
Delta R.T.: 0.000 min
Response: 5816289
Conc: 38.29 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.068 min
Delta R.T.: 0.000 min
Response: 5675484
Conc: 40.28 ug/ml



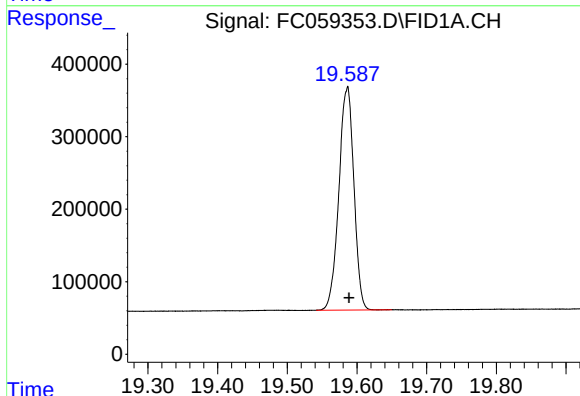
#19 n-Tetratriacontane (C34)

R.T.: 18.850 min
Delta R.T.: 0.000 min
Response: 5057740
Conc: 40.02 ug/ml

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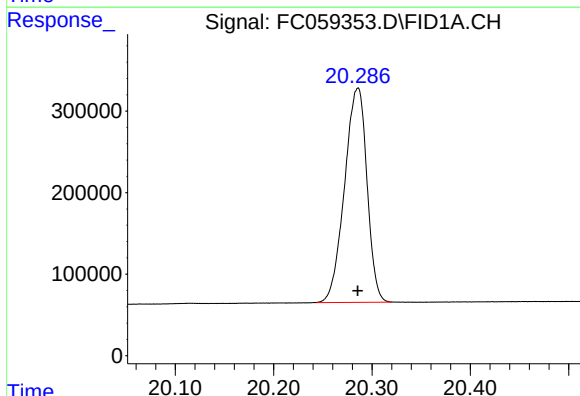
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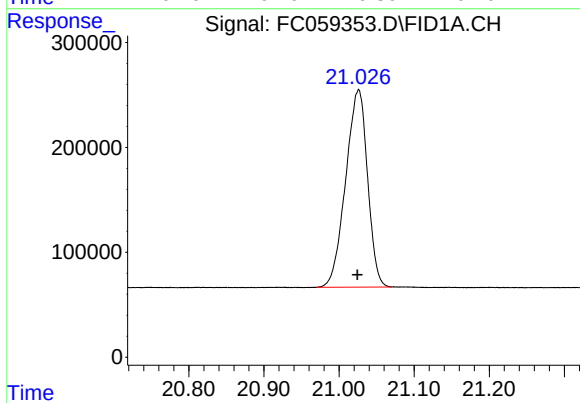
#20 n-Hexatriacontane (C36)

R.T.: 19.586 min
Delta R.T.: -0.003 min
Response: 4607428
Conc: 42.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.286 min
Delta R.T.: 0.000 min
Response: 4172166
Conc: 44.80 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.026 min
Delta R.T.: 0.001 min
Response: 3807073
Conc: 45.58 ug/ml m