

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042222AL\
 Data File : FC059367.D
 Signal(s) : FID1A.CH
 Acq On : 22 Apr 2022 20:34
 Operator : UA/NP
 Sample : N2428-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 S-1MSD

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 23:32:31 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...	12.546	5687416	43.554 ug/ml
Spiked Amount 50.000		Recovery =	87.11%
Target Compounds			
1) T n-Nonane (C9)	2.963	2895512	23.103 ug/ml
2) T n-Decane (C10)	4.003	3793728	30.366 ug/ml
4) T n-Dodecane (C12)	5.999	4406107	33.413 ug/ml
6) T n-Tetradecane (C14)	7.782	4643127	34.326 ug/ml
7) T n-Hexadecane (C16)	9.372	5096127	36.286 ug/ml
8) T n-Octadecane (C18)	10.806	5692801	38.971 ug/ml
10) T n-Eicosane (C20)	12.108	5725847	38.180 ug/ml
11) T n-Heneicosane (C21)	12.717	5792763	38.082 ug/ml
13) T n-Docosane (C22)	13.299	5767622	37.642 ug/ml
14) T n-Tetracosane (C24)	14.396	5690533	36.751 ug/ml
15) T n-Hexacosane (C26)	15.411	5480465	35.560 ug/ml
16) T n-Octacosane (C28)	16.357	5086056	32.855 ug/mlm
17) T n-Tricontane (C30)	17.239	4726807	31.120 ug/ml
18) T n-Dotriacontane (C32)	18.068	4475104	31.761 ug/ml
19) T n-Tetratriacontane (C34)	18.848	3955296	31.295 ug/ml
20) T n-Hexatriacontane (C36)	19.587	3686594	33.705 ug/ml
21) T n-Octatriacontane (C38)	20.284	3566526	38.295 ug/mlm
22) T n-Tetracontane (C40)	21.025	3366722	40.307 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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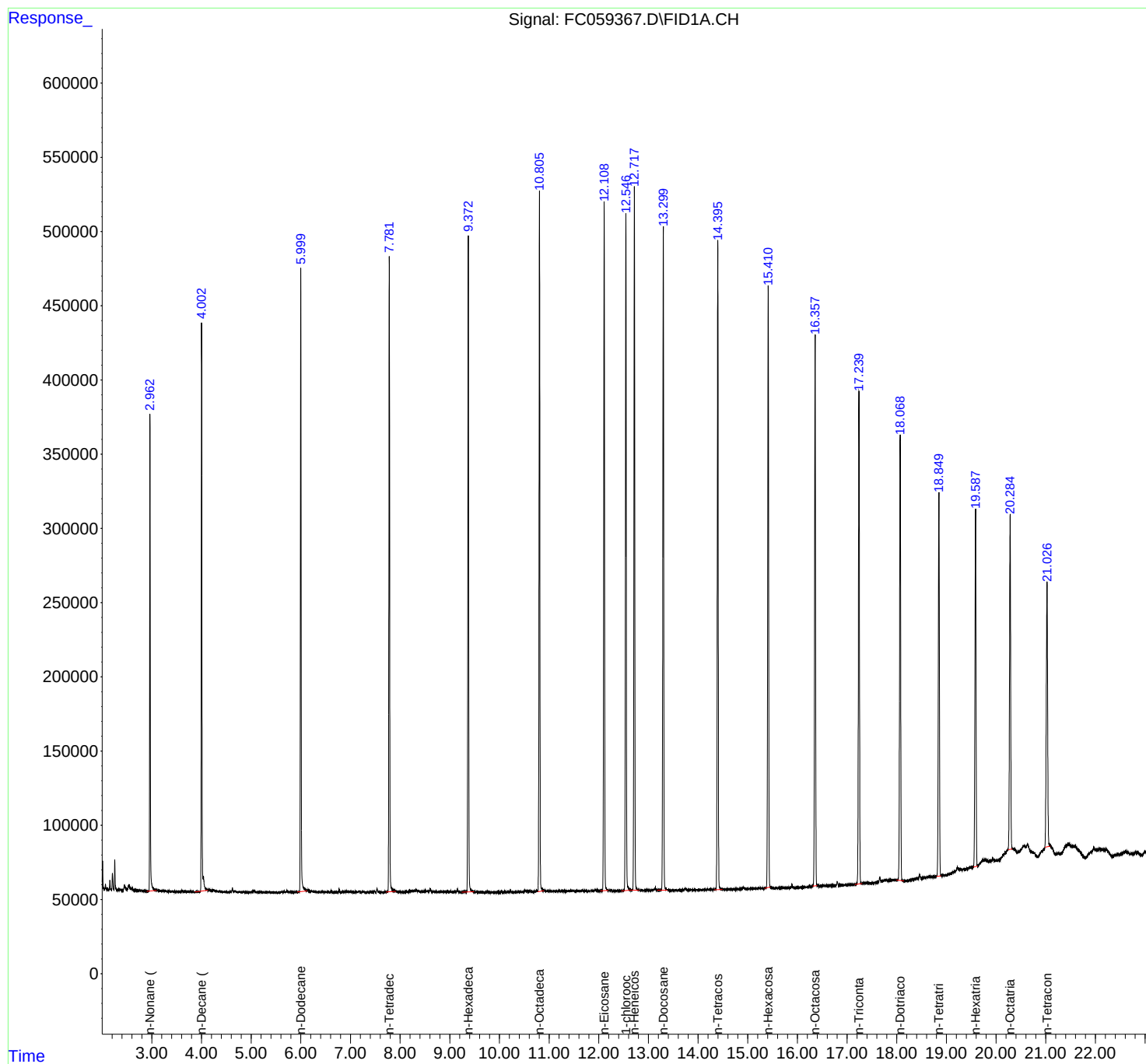
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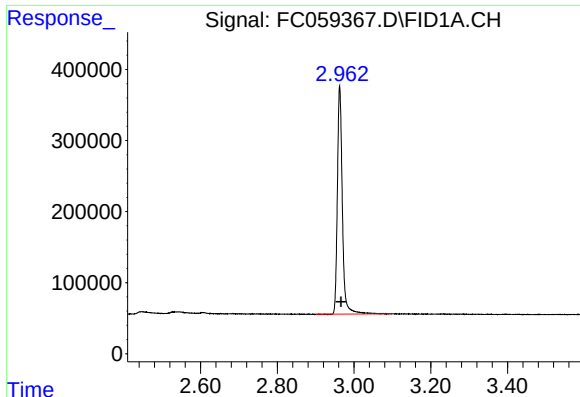
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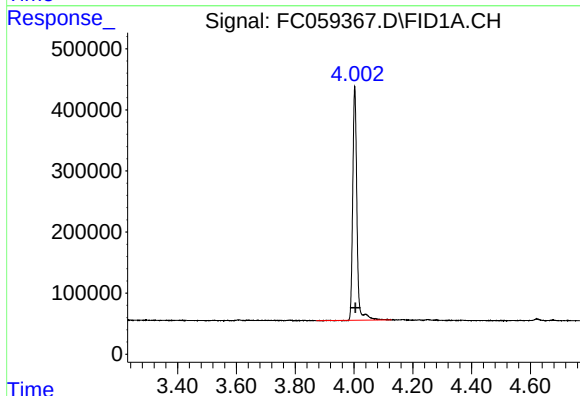
#1 n-Nonane (C9)

R.T.: 2.963 min
Delta R.T.: -0.003 min
Response: 2895512
Conc: 23.10 ug/ml

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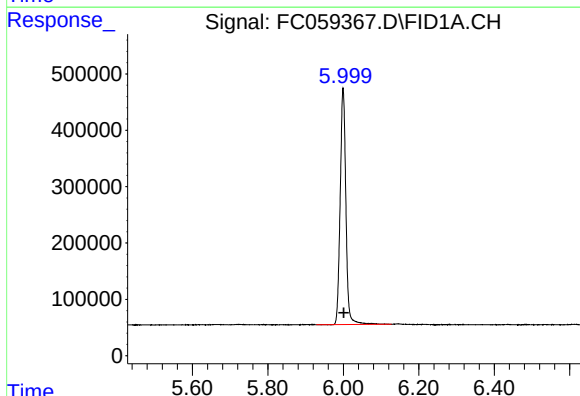
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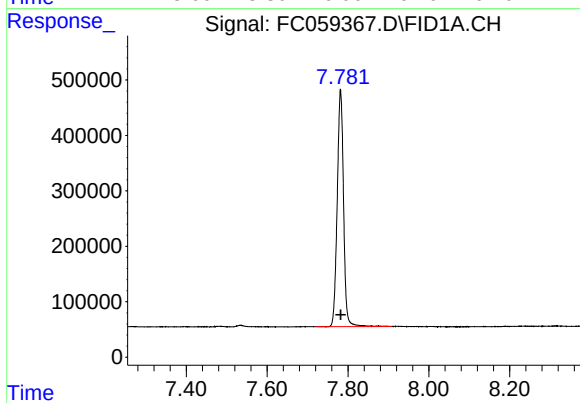
#2 n-Decane (C10)

R.T.: 4.003 min
Delta R.T.: -0.003 min
Response: 3793728
Conc: 30.37 ug/ml



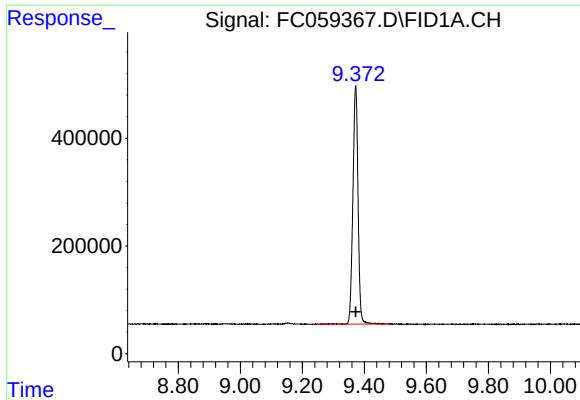
#4 n-Dodecane (C12)

R.T.: 5.999 min
Delta R.T.: -0.001 min
Response: 4406107
Conc: 33.41 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 4643127
Conc: 34.33 ug/ml



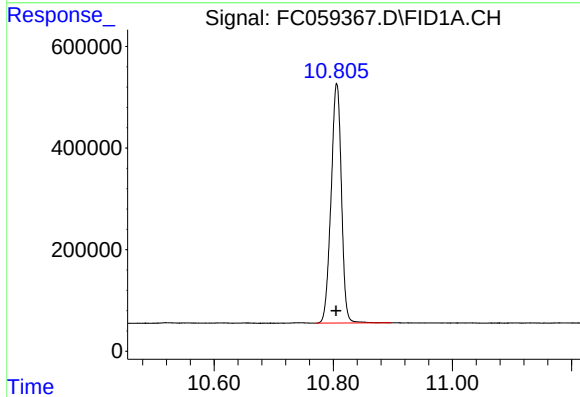
#7 n-Hexadecane (C16)

R.T.: 9.372 min
Delta R.T.: 0.000 min
Response: 5096127
Conc: 36.29 ug/ml

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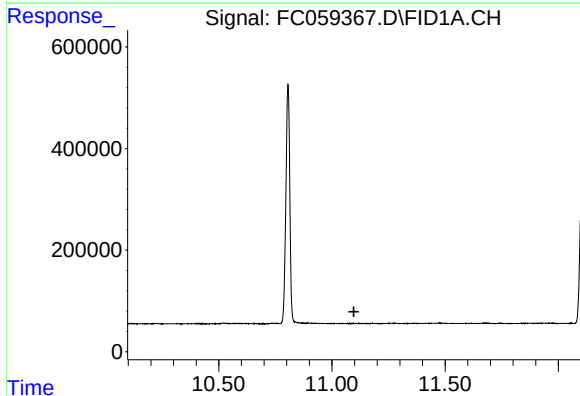
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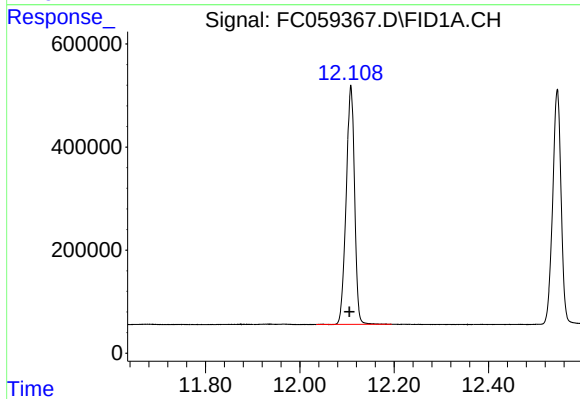
#8 n-Octadecane (C18)

R.T.: 10.806 min
Delta R.T.: 0.001 min
Response: 5692801
Conc: 38.97 ug/ml



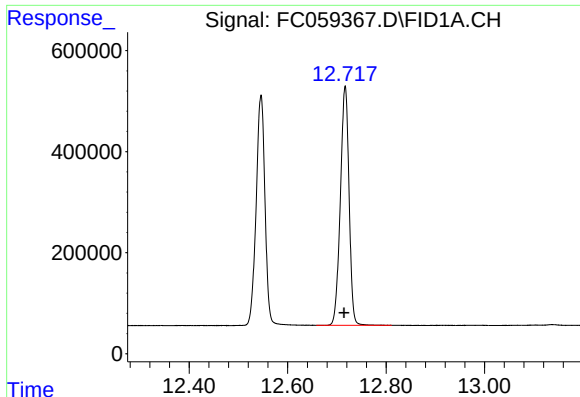
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.108 min
Delta R.T.: 0.003 min
Response: 5725847
Conc: 38.18 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.717 min
Delta R.T.: 0.002 min
Response: 5792763
Conc: 38.08 ug/ml

Instrument :

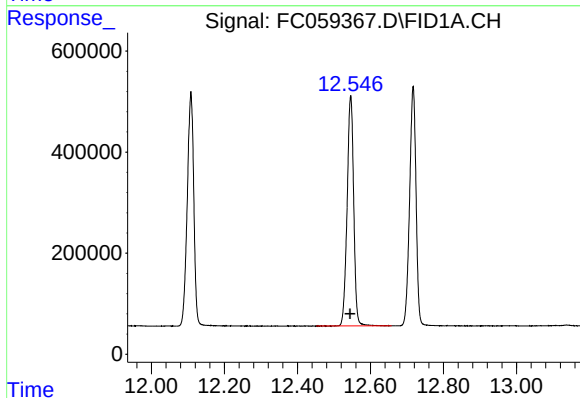
FID_C

ClientSampleId :

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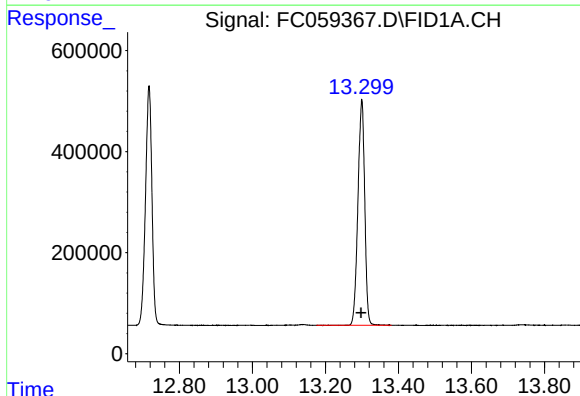
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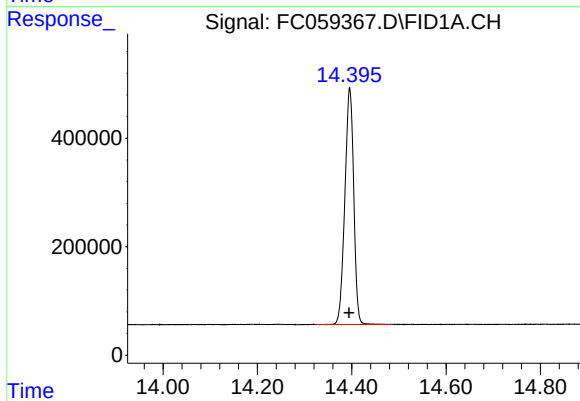
#12 1-chlorooctadecane (SURR)

R.T.: 12.546 min
Delta R.T.: 0.001 min
Response: 5687416
Conc: 43.55 ug/ml



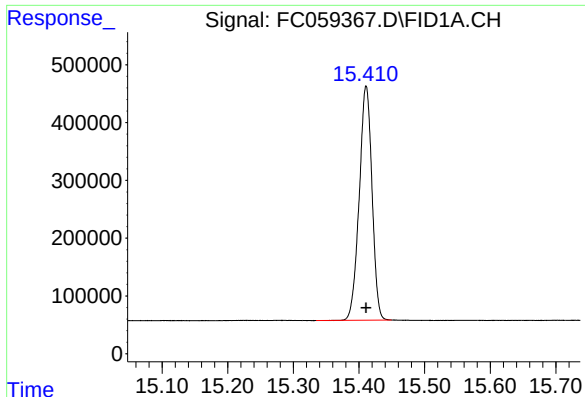
#13 n-Docosane (C22)

R.T.: 13.299 min
Delta R.T.: 0.001 min
Response: 5767622
Conc: 37.64 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.396 min
Delta R.T.: 0.002 min
Response: 5690533
Conc: 36.75 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.411 min
Delta R.T.: 0.000 min
Response: 5480465
Conc: 35.56 ug/ml

Instrument :

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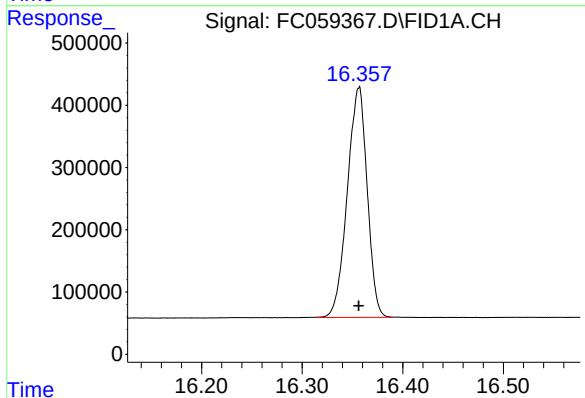
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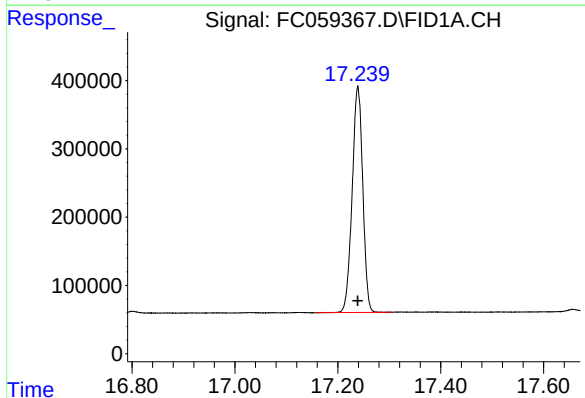
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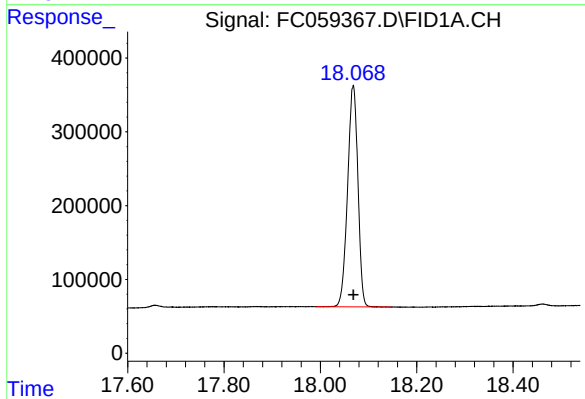
#16 n-Octacosane (C28)

R.T.: 16.357 min
Delta R.T.: 0.000 min
Response: 5086056
Conc: 32.85 ug/ml m



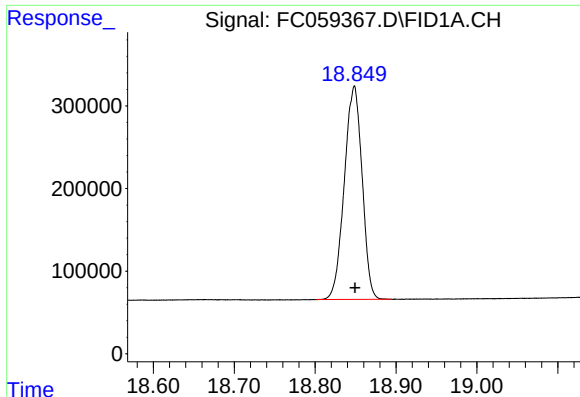
#17 n-Tricontane (C30)

R.T.: 17.239 min
Delta R.T.: 0.000 min
Response: 4726807
Conc: 31.12 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.068 min
Delta R.T.: 0.000 min
Response: 4475104
Conc: 31.76 ug/ml



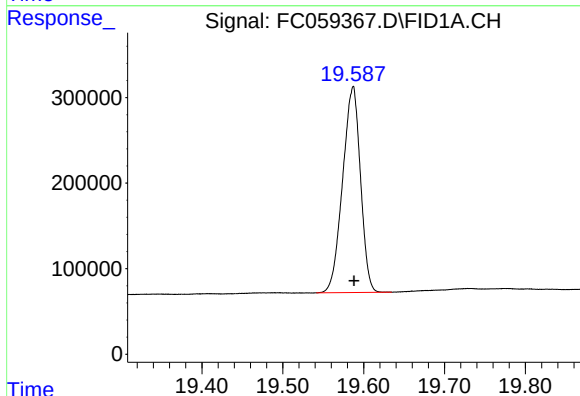
#19 n-Tetratriacontane (C34)

R.T.: 18.848 min
Delta R.T.: -0.002 min
Response: 3955296
Conc: 31.30 ug/ml

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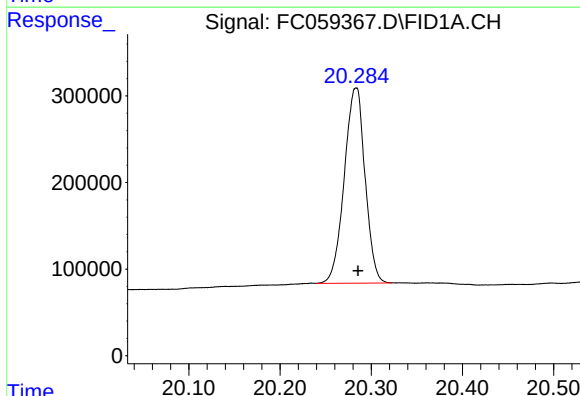
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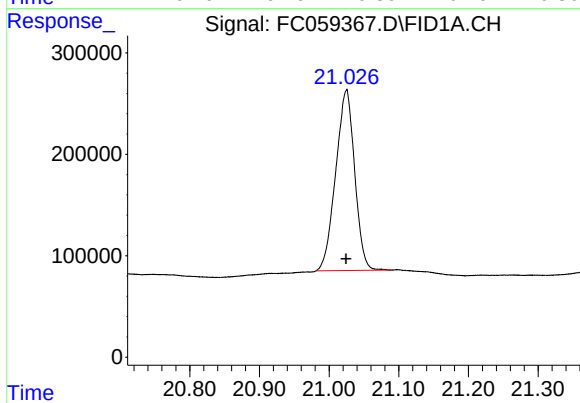
#20 n-Hexatriacontane (C36)

R.T.: 19.587 min
Delta R.T.: -0.002 min
Response: 3686594
Conc: 33.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.284 min
Delta R.T.: -0.001 min
Response: 3566526
Conc: 38.30 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.025 min
Delta R.T.: 0.000 min
Response: 3366722
Conc: 40.31 ug/ml