

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021722AL\
 Data File : FC058367.D
 Signal(s) : FID1A.CH
 Acq On : 17 Feb 2022 14:24
 Operator : YP\AJ
 Sample : PB142729BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB142729BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/18/2022
 Supervised By :Ankita Jodhani 02/18/2022

Integration File: autoint1.e
 Quant Time: Feb 18 01:26:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021522.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 16 02:18:53 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...	12.824	44439645	42.462 ug/ml
Spiked Amount 50.000		Recovery =	84.92%
Target Compounds			
1) T n-Nonane (C9)	3.364	31641141	26.745 ug/ml
2) T n-Decane (C10)	4.327	39539155	33.075 ug/ml
4) T n-Dodecane (C12)	6.276	47637104	38.293 ug/ml
6) T n-Tetradecane (C14)	8.057	51124047	41.069 ug/ml
7) T n-Hexadecane (C16)	9.649	54379794	43.351 ug/ml
8) T n-Octadecane (C18)	11.084	56841016	45.041 ug/ml
10) T n-Eicosane (C20)	12.386	56202568	45.120 ug/ml
11) T n-Heneicosane (C21)	12.997	55977451	44.997 ug/ml
13) T n-Docosane (C22)	13.580	55689848	45.074 ug/ml
14) T n-Tetracosane (C24)	14.677	55348496	45.508 ug/ml
15) T n-Hexacosane (C26)	15.694	54428055	46.029 ug/ml
16) T n-Octacosane (C28)	16.640	52300276	45.740 ug/ml
17) T n-Tricontane (C30)	17.522	49009308	45.066 ug/ml
18) T n-Dotriacontane (C32)	18.350	43903837	46.351 ug/ml
19) T n-Tetratriacontane (C34)	19.129	38982502	45.407 ug/ml
20) T n-Hexatriacontane (C36)	19.862	32144724	45.916 ug/mlm
21) T n-Octatriacontane (C38)	20.564	25128713	44.889 ug/ml
22) T n-Tetracontane (C40)	21.384	19531212	44.884 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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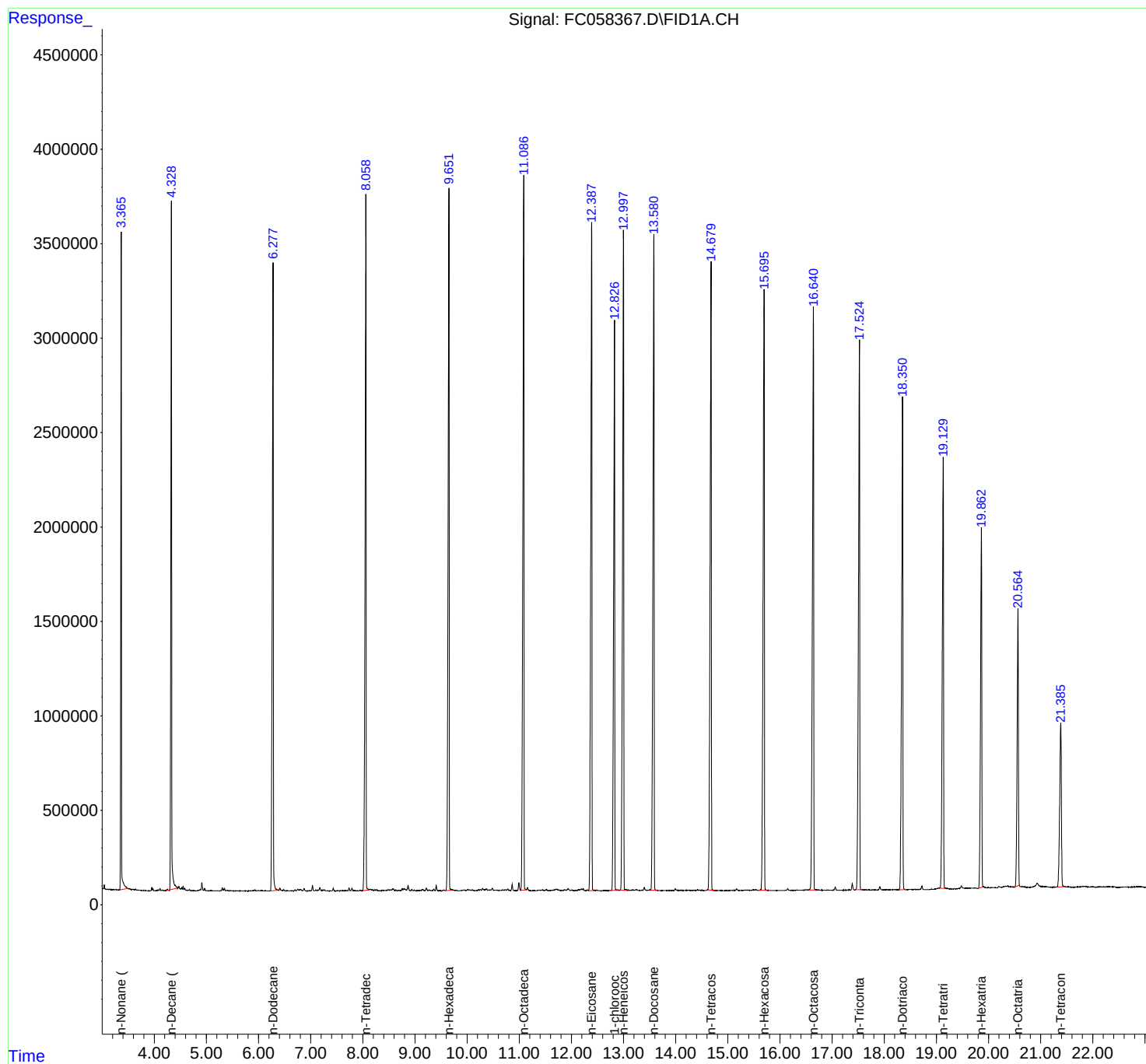
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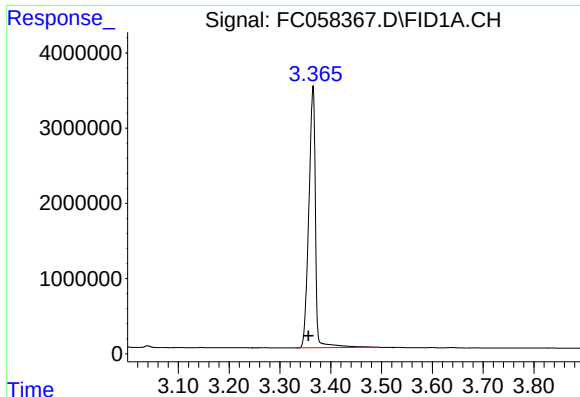
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#1 n-Nonane (C9)

R.T.: 3.364 min
Delta R.T.: 0.008 min
Response: 31641141
Conc: 26.75 ug/ml

Instrument :

FID_C

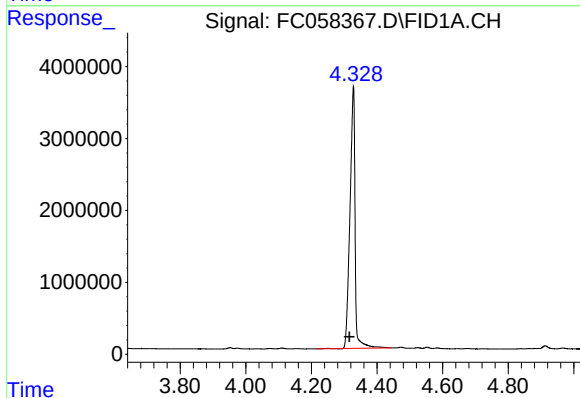
ClientSampleId :

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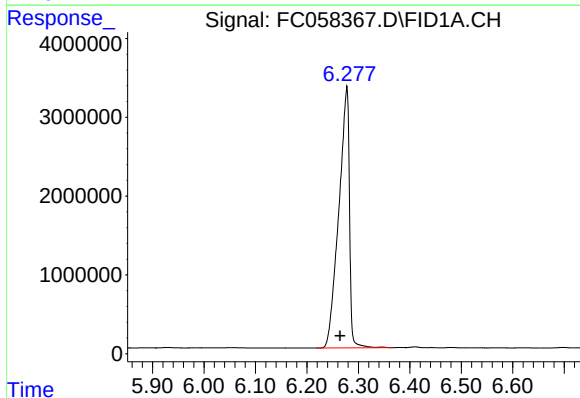
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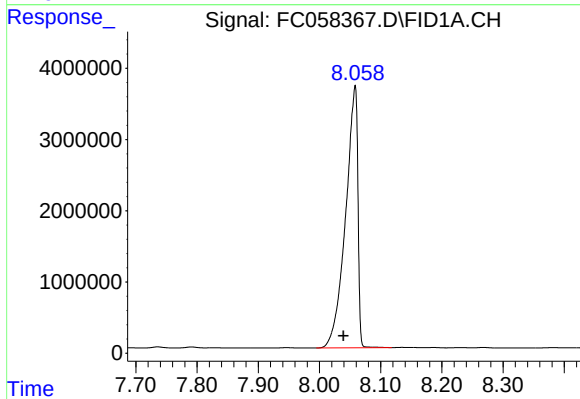
#2 n-Decane (C10)

R.T.: 4.327 min
Delta R.T.: 0.011 min
Response: 39539155
Conc: 33.08 ug/ml



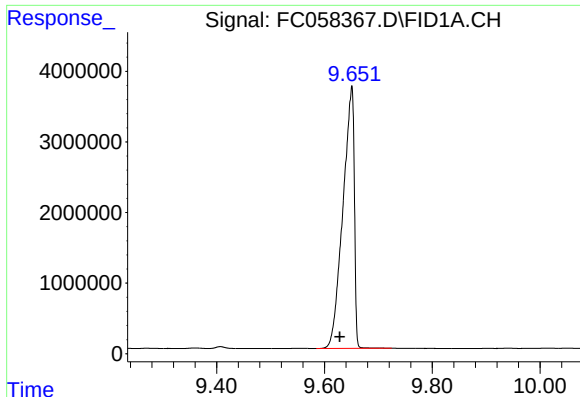
#4 n-Dodecane (C12)

R.T.: 6.276 min
Delta R.T.: 0.012 min
Response: 47637104
Conc: 38.29 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.057 min
Delta R.T.: 0.018 min
Response: 51124047
Conc: 41.07 ug/ml



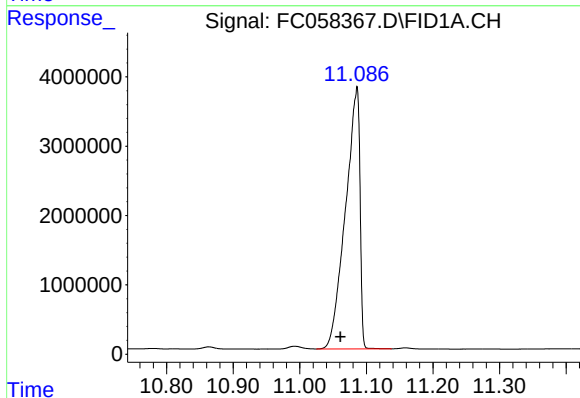
#7 n-Hexadecane (C16)

R.T.: 9.649 min
Delta R.T.: 0.021 min
Response: 54379794
Conc: 43.35 ug/ml

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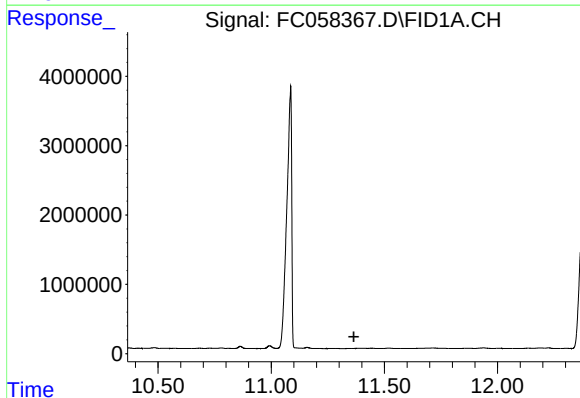
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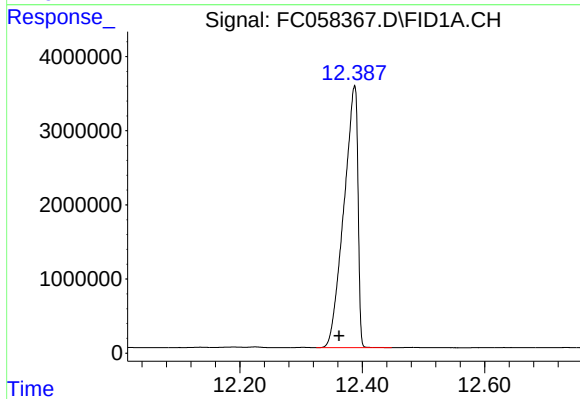
#8 n-Octadecane (C18)

R.T.: 11.084 min
Delta R.T.: 0.023 min
Response: 56841016
Conc: 45.04 ug/ml



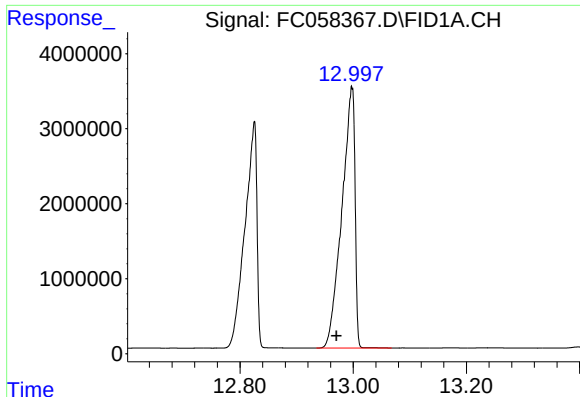
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.365 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.386 min
Delta R.T.: 0.024 min
Response: 56202568
Conc: 45.12 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.997 min
Delta R.T.: 0.026 min
Response: 55977451
Conc: 45.00 ug/ml

Instrument :

FID_C

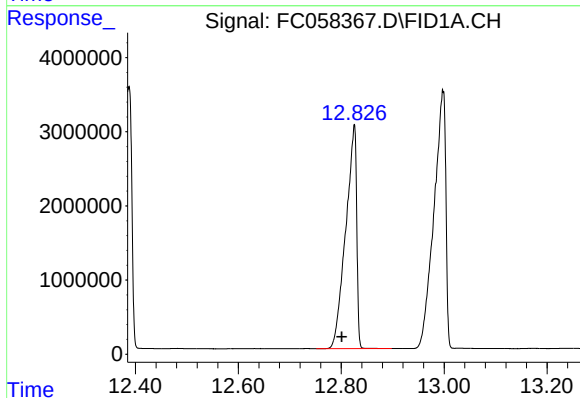
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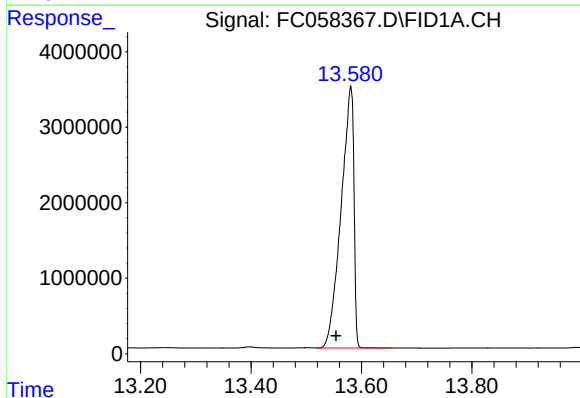
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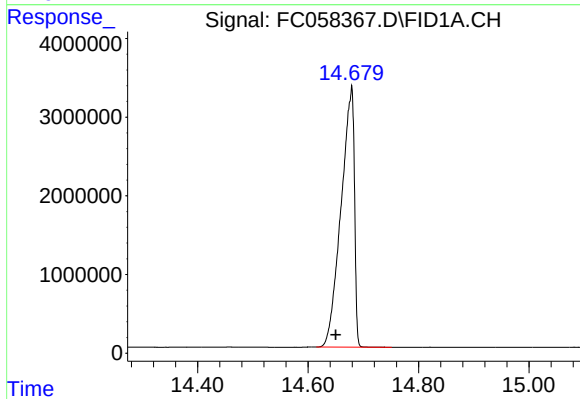
#12 1-chlorooctadecane (SURR)

R.T.: 12.824 min
Delta R.T.: 0.023 min
Response: 44439645
Conc: 42.46 ug/ml



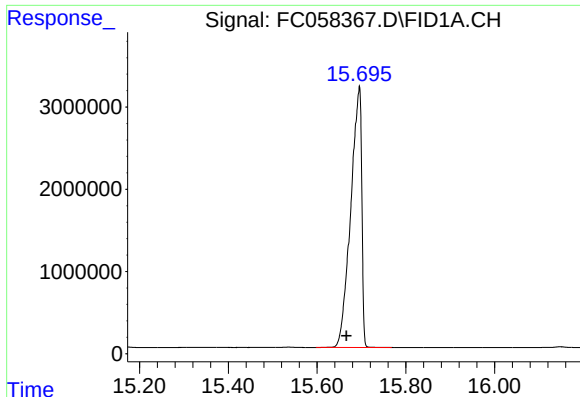
#13 n-Docosane (C22)

R.T.: 13.580 min
Delta R.T.: 0.026 min
Response: 55689848
Conc: 45.07 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.677 min
Delta R.T.: 0.027 min
Response: 55348496
Conc: 45.51 ug/ml



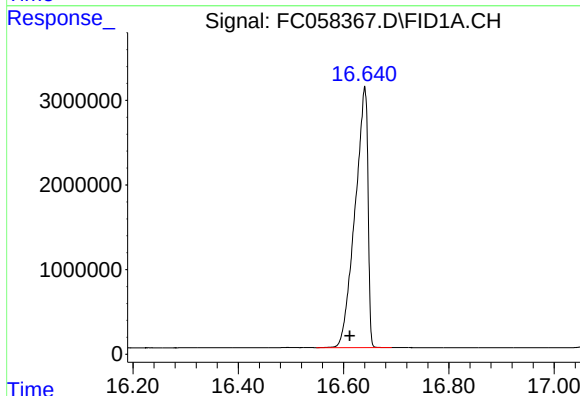
#15 n-Hexacosane (C26)

R.T.: 15.694 min
Delta R.T.: 0.027 min
Response: 54428055
Conc: 46.03 ug/ml

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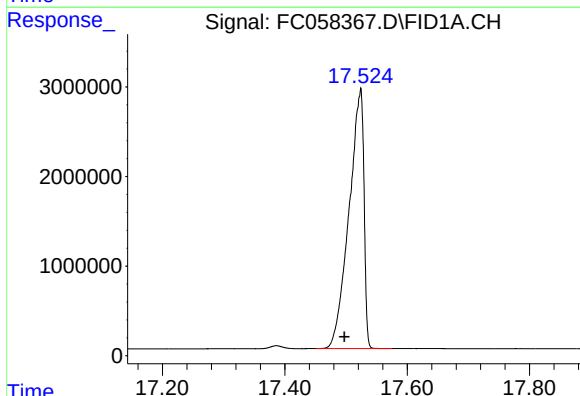
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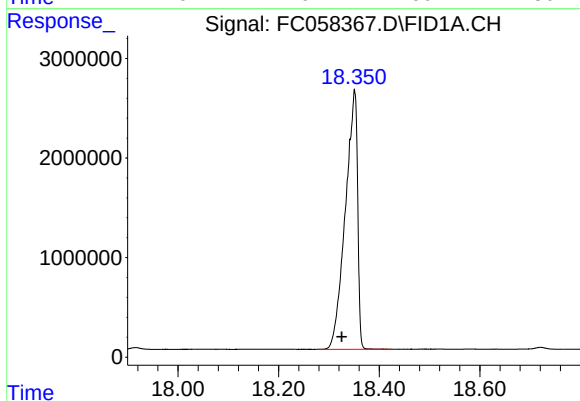
#16 n-Octacosane (C28)

R.T.: 16.640 min
Delta R.T.: 0.028 min
Response: 52300276
Conc: 45.74 ug/ml



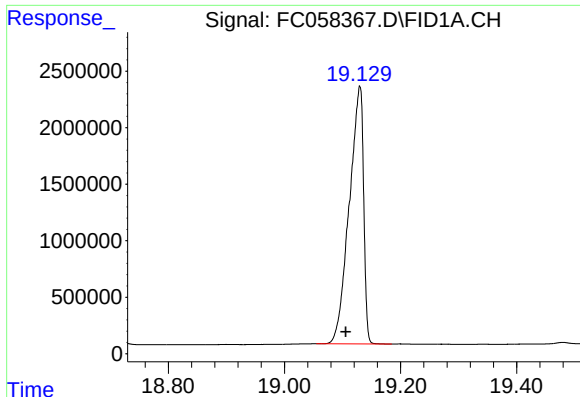
#17 n-Tricontane (C30)

R.T.: 17.522 min
Delta R.T.: 0.025 min
Response: 49009308
Conc: 45.07 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.350 min
Delta R.T.: 0.024 min
Response: 43903837
Conc: 46.35 ug/ml



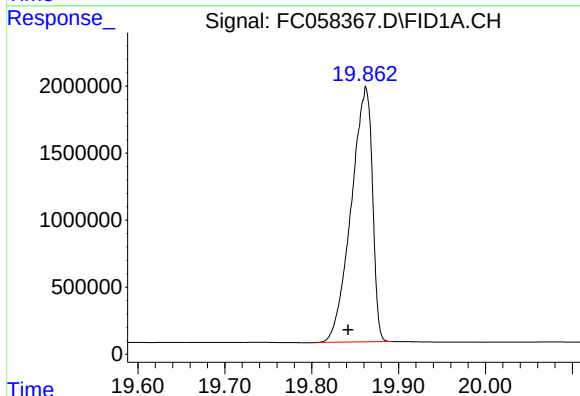
#19 n-Tetratriacontane (C34)

R.T.: 19.129 min
Delta R.T.: 0.023 min
Response: 38982502
Conc: 45.41 ug/ml

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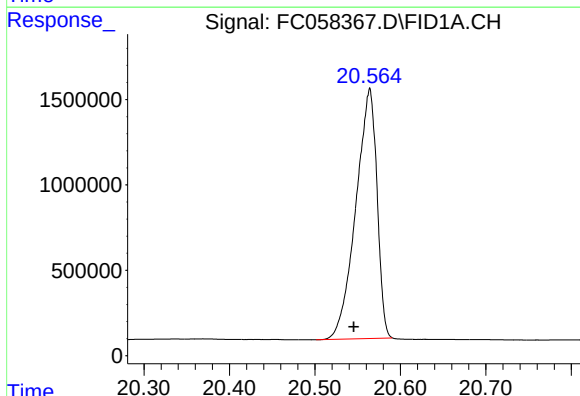
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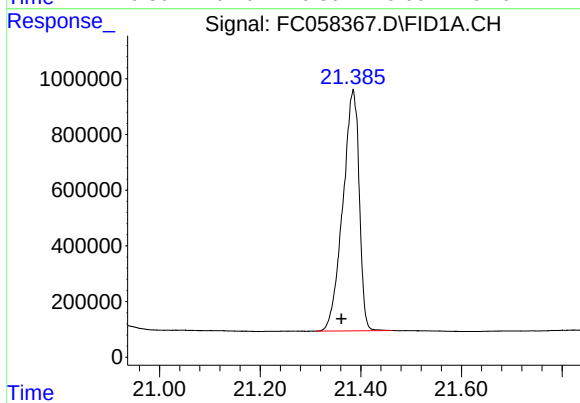
#20 n-Hexatriacontane (C36)

R.T.: 19.862 min
Delta R.T.: 0.020 min
Response: 32144724
Conc: 45.92 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.564 min
Delta R.T.: 0.018 min
Response: 25128713
Conc: 44.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.384 min
Delta R.T.: 0.023 min
Response: 19531212
Conc: 44.88 ug/ml