

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051222AL\
 Data File : FC059735.D
 Signal(s) : FID1A.CH
 Acq On : 13 May 2022 6:15
 Operator : UA/NP
 Sample : N2776-02MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 CF-280MER-9-5MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/17/2022
 Supervised By :mohammad ahmed 05/17/2022

Integration File: sample.E
 Quant Time: May 13 07:06:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Mon May 09 11:12:42 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...	12.026	5545797	48.191 ug/ml
Spiked Amount 50.000		Recovery =	96.38%
Target Compounds			
1) T n-Nonane (C9)	2.631	3506812	27.461 ug/ml
2) T n-Decane (C10)	3.631	4299108	33.946 ug/ml
4) T n-Dodecane (C12)	5.585	5140288	39.087 ug/ml
6) T n-Tetradecane (C14)	7.338	5560133	41.321 ug/ml
7) T n-Hexadecane (C16)	8.903	5871994	42.794 ug/ml
8) T n-Octadecane (C18)	10.311	6219288	45.130 ug/ml
10) T n-Eicosane (C20)	11.590	5927193	44.069 ug/ml
11) T n-Heneicosane (C21)	12.189	5849183	43.846 ug/ml
13) T n-Docosane (C22)	12.761	5733249	43.685 ug/ml
14) T n-Tetracosane (C24)	13.839	5525552	43.916 ug/ml
15) T n-Hexacosane (C26)	14.836	5250352	43.962 ug/ml
16) T n-Octacosane (C28)	15.763	4967701	43.635 ug/ml
17) T n-Tricontane (C30)	16.631	4792122	43.595 ug/ml
18) T n-Dotriacontane (C32)	17.445	4697299	45.436 ug/mlm
19) T n-Tetratriacontane (C34)	18.208	4252190	43.554 ug/mlm
20) T n-Hexatriacontane (C36)	18.930	3938602	42.426 ug/mlm
21) T n-Octatriacontane (C38)	19.612	3747305	39.365 ug/mlm
22) T n-Tetracontane (C40)	20.262	3609744	38.132 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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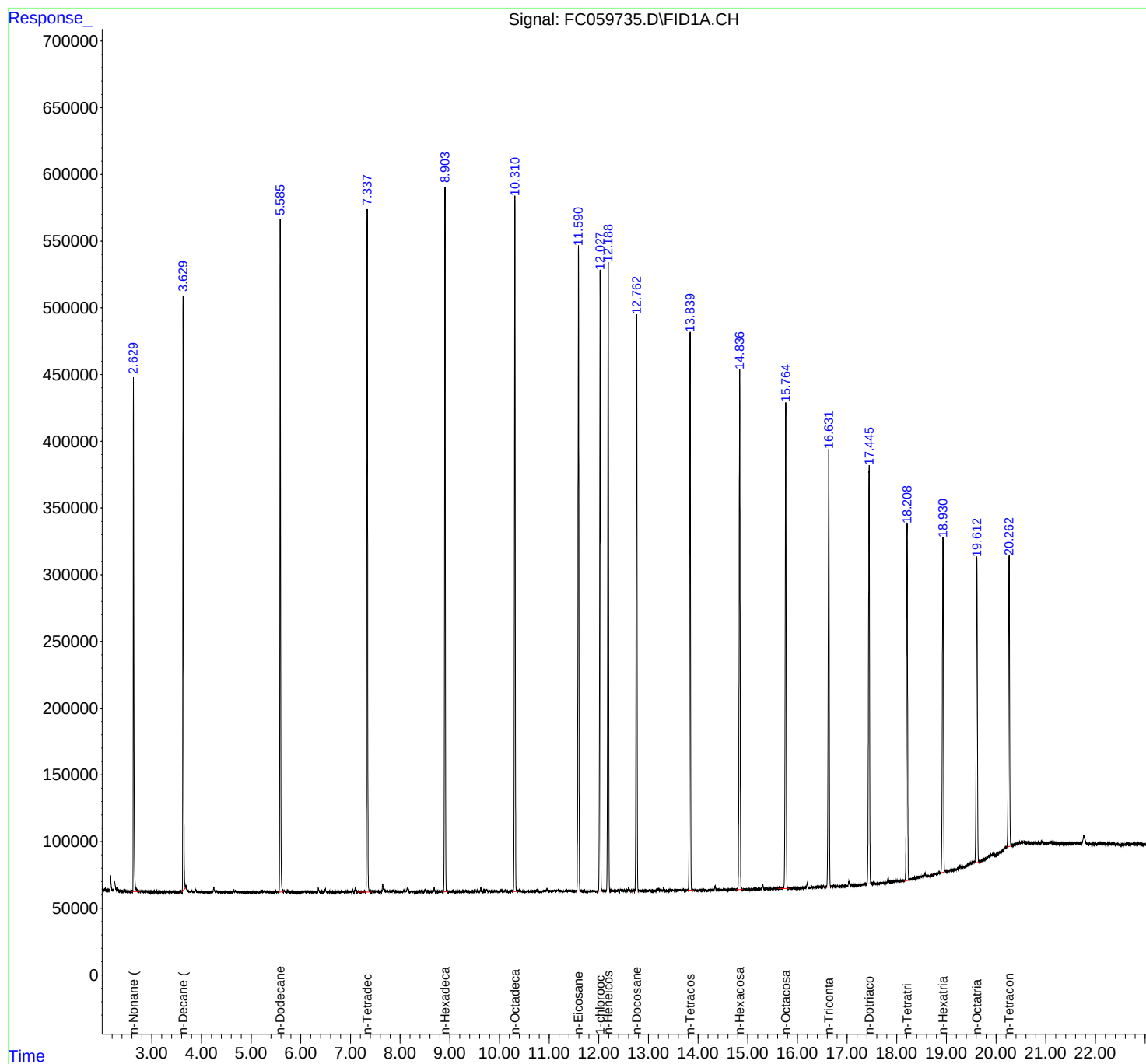
Instrument :
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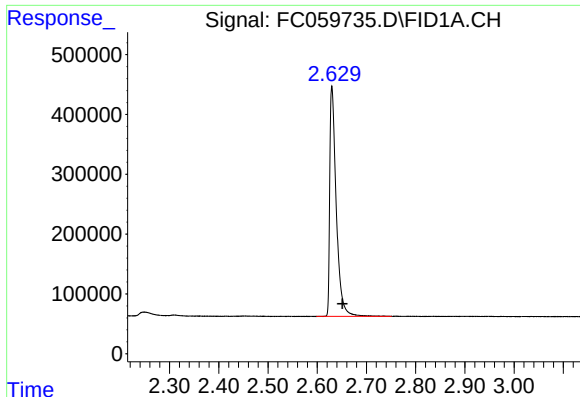
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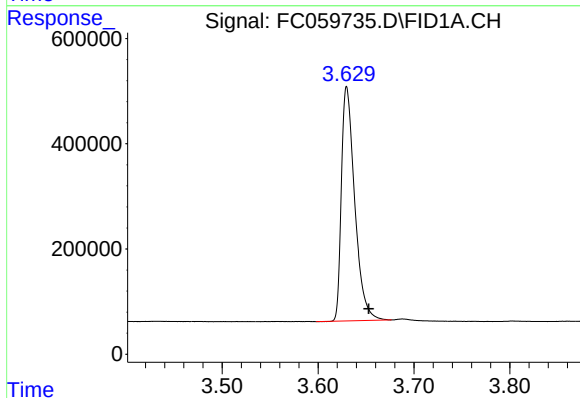
#1 n-Nonane (C9)

R.T.: 2.631 min
Delta R.T.: -0.020 min
Response: 3506812
Conc: 27.46 ug/ml

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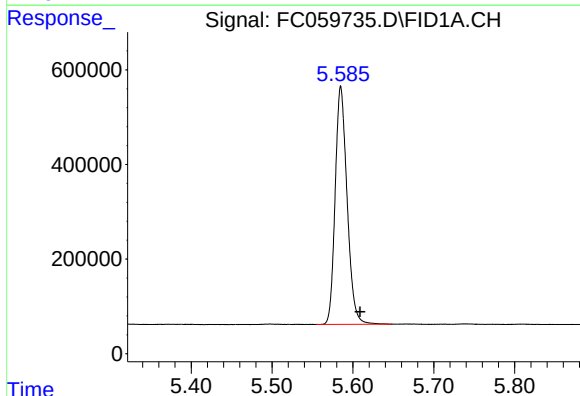
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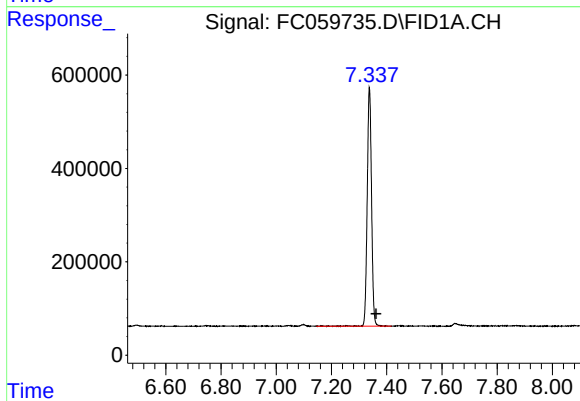
#2 n-Decane (C10)

R.T.: 3.631 min
Delta R.T.: -0.022 min
Response: 4299108
Conc: 33.95 ug/ml



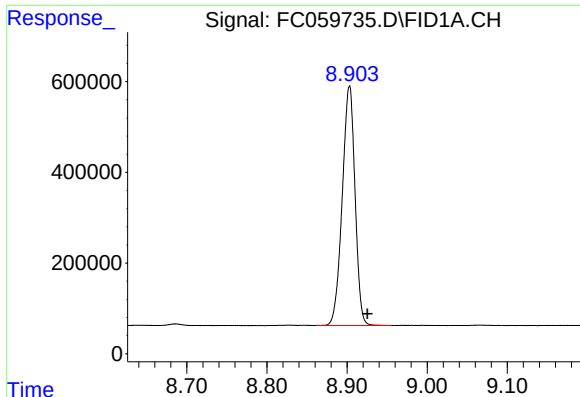
#4 n-Dodecane (C12)

R.T.: 5.585 min
Delta R.T.: -0.023 min
Response: 5140288
Conc: 39.09 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.338 min
Delta R.T.: -0.023 min
Response: 5560133
Conc: 41.32 ug/ml



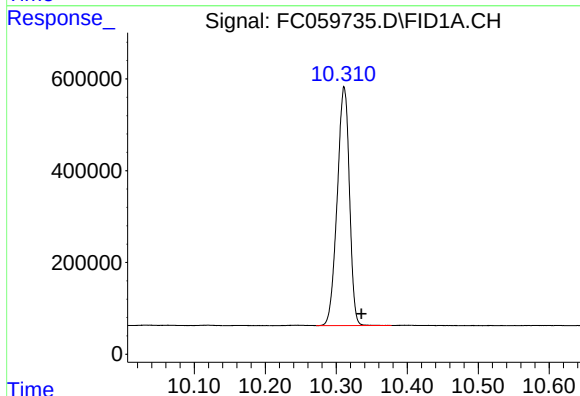
#7 n-Hexadecane (C16)

R.T.: 8.903 min
Delta R.T.: -0.023 min
Response: 5871994
Conc: 42.79 ug/ml

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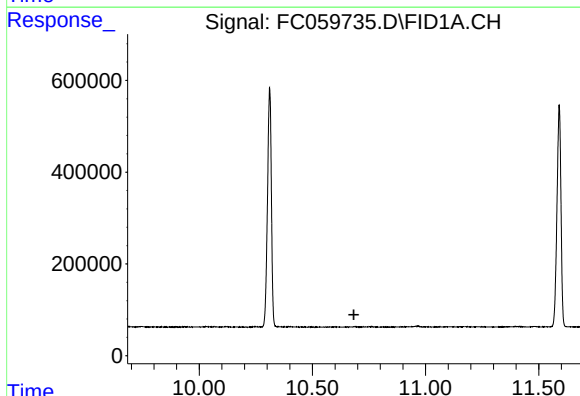
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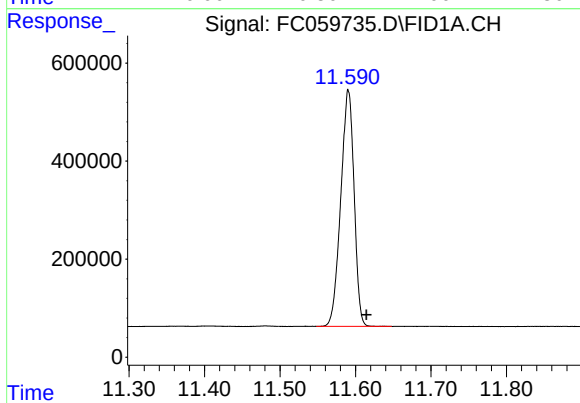
#8 n-Octadecane (C18)

R.T.: 10.311 min
Delta R.T.: -0.024 min
Response: 6219288
Conc: 45.13 ug/ml



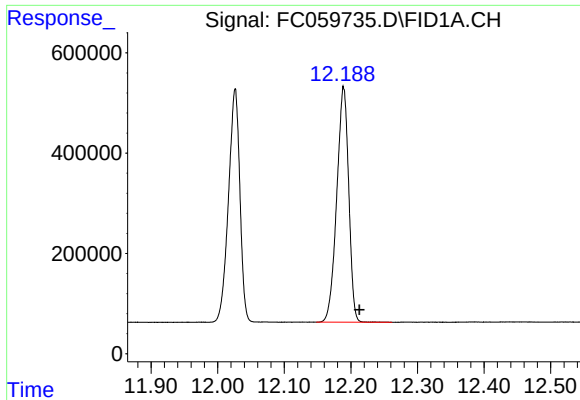
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.683 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.590 min
Delta R.T.: -0.024 min
Response: 5927193
Conc: 44.07 ug/ml



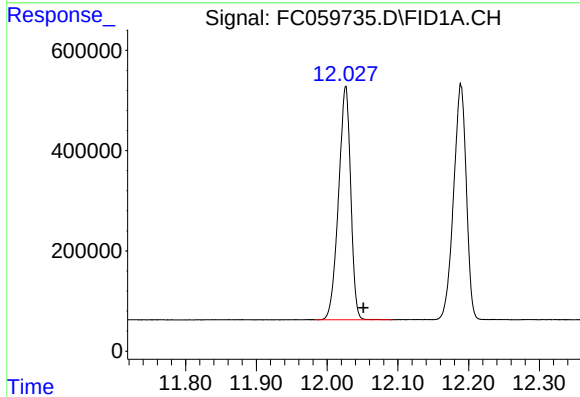
#11 n-Heneicosane (C21)

R.T.: 12.189 min
Delta R.T.: -0.024 min
Response: 5849183
Conc: 43.85 ug/ml

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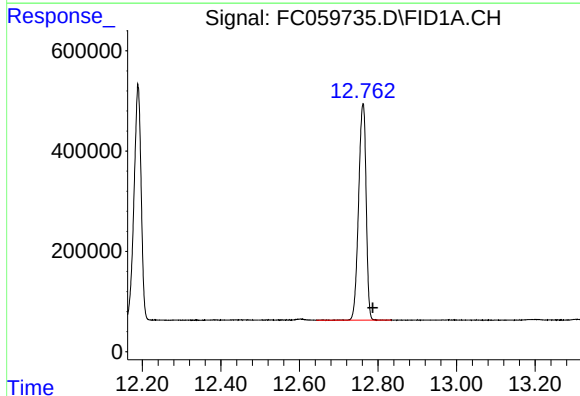
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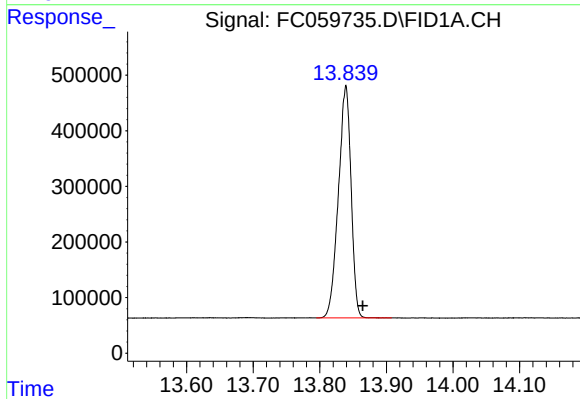
#12 1-chlorooctadecane (SURR)

R.T.: 12.026 min
Delta R.T.: -0.025 min
Response: 5545797
Conc: 48.19 ug/ml



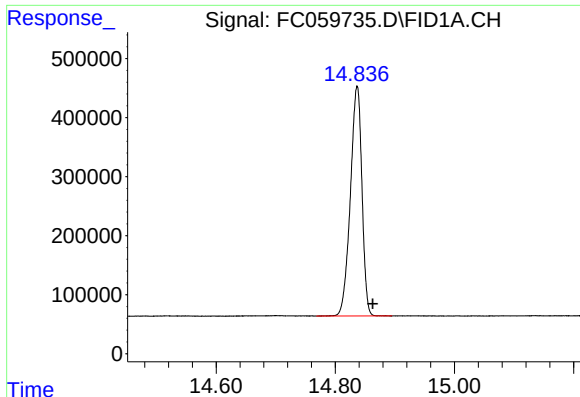
#13 n-Docosane (C22)

R.T.: 12.761 min
Delta R.T.: -0.025 min
Response: 5733249
Conc: 43.68 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.839 min
Delta R.T.: -0.026 min
Response: 5525552
Conc: 43.92 ug/ml



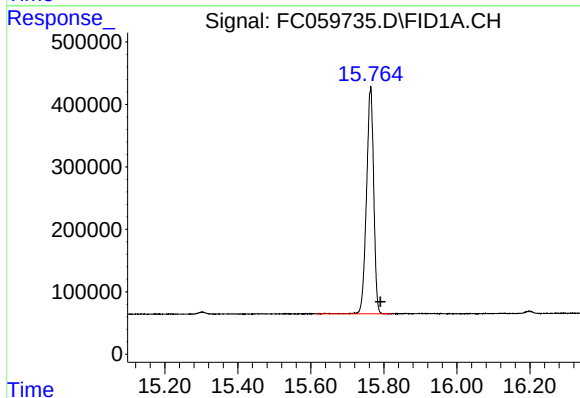
#15 n-Hexacosane (C26)

R.T.: 14.836 min
Delta R.T.: -0.026 min
Response: 5250352
Conc: 43.96 ug/ml

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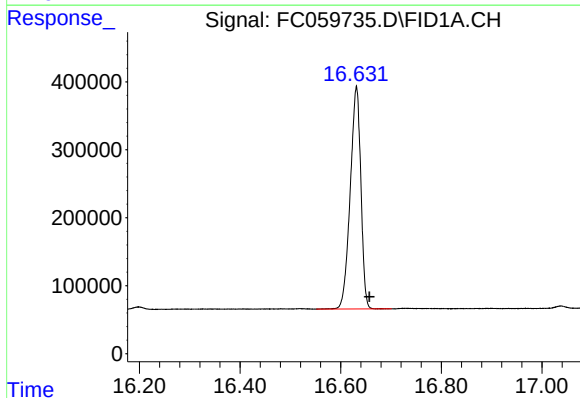
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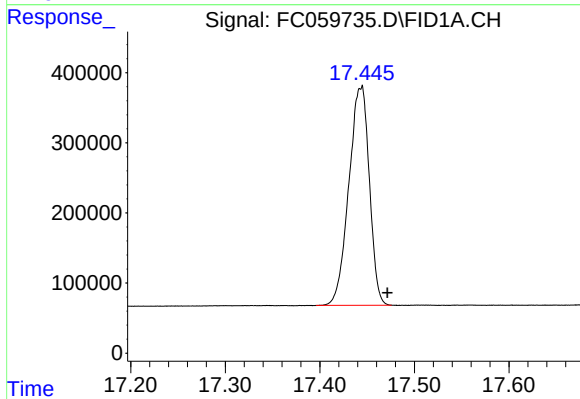
#16 n-Octacosane (C28)

R.T.: 15.763 min
Delta R.T.: -0.027 min
Response: 4967701
Conc: 43.64 ug/ml



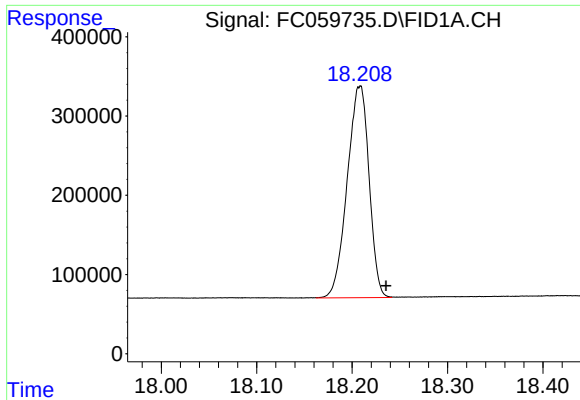
#17 n-Tricontane (C30)

R.T.: 16.631 min
Delta R.T.: -0.026 min
Response: 4792122
Conc: 43.59 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.445 min
Delta R.T.: -0.027 min
Response: 4697299
Conc: 45.44 ug/ml m



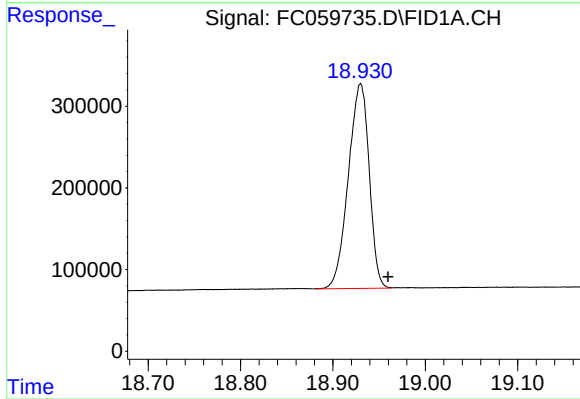
#19 n-Tetratriacontane (C34)

R.T.: 18.208 min
Delta R.T.: -0.028 min
Response: 4252190
Conc: 43.55 ug/ml

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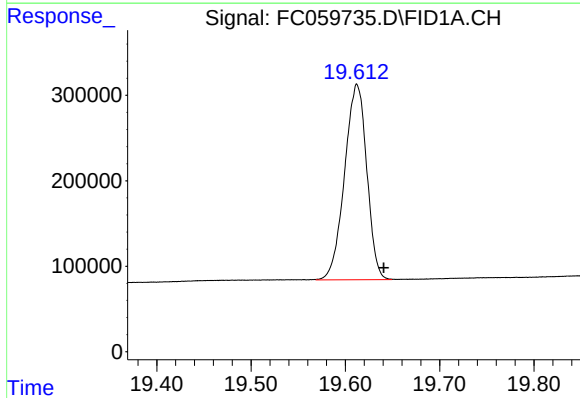
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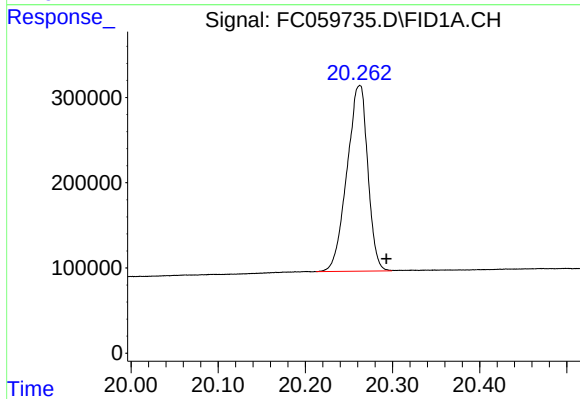
#20 n-Hexatriacontane (C36)

R.T.: 18.930 min
Delta R.T.: -0.030 min
Response: 3938602
Conc: 42.43 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.612 min
Delta R.T.: -0.029 min
Response: 3747305
Conc: 39.37 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.262 min
Delta R.T.: -0.031 min
Response: 3609744
Conc: 38.13 ug/ml m