

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030519AL\
 Data File : FC039613.D
 Signal(s) : FID1A.CH
 Acq On : 05 Mar 2019 17:04
 Operator : AJ\SJ
 Sample : K1715-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-4-B-D1MSD

Manual Integrations
 APPROVED

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 3/7/2019 4:37:19 PM

Integration File: autoint1.e
 Quant Time: Mar 06 02:15:55 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022219.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 25 18:21:16 2019
 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...	12.604	4162092	32.995 ug/ml
Spiked Amount 50.000		Recovery =	65.99%
Target Compounds			
1) T n-Nonane (C9)	3.027	2666184	22.214 ug/ml
2) T n-Decane (C10)	4.077	3548472	29.455 ug/ml
4) T n-Dodecane (C12)	6.076	4333823	35.078 ug/ml
6) T n-Tetradecane (C14)	7.853	4680134	36.746 ug/ml
7) T n-Hexadecane (C16)	9.439	4834523	37.307 ug/ml
8) T n-Octadecane (C18)	10.869	4909161	36.493 ug/ml
10) T n-Eicosane (C20)	12.169	4900506	37.581 ug/ml
11) T n-Heneicosane (C21)	12.777	4886202	38.528 ug/ml
13) T n-Docosane (C22)	13.359	4879123	38.733 ug/ml
14) T n-Tetracosane (C24)	14.454	4881359	39.055 ug/ml
15) T n-Hexacosane (C26)	15.470	4949298	39.678 ug/ml
16) T n-Octacosane (C28)	16.415	5014402	37.518 ug/ml
17) T n-Tricontane (C30)	17.298	4998423	34.059 ug/ml
18) T n-Dotriacontane (C32)	18.127	4825765	35.923 ug/ml
19) T n-Tetratriacontane (C34)	18.907	4475756	39.349 ug/mlm
20) T n-Hexatriacontane (C36)	19.641	4040004	41.888 ug/ml
21) T n-Octatriacontane (C38)	20.340	3682415	40.106 ug/mlm
22) T n-Tetracontane (C40)	21.104	3741767	41.228 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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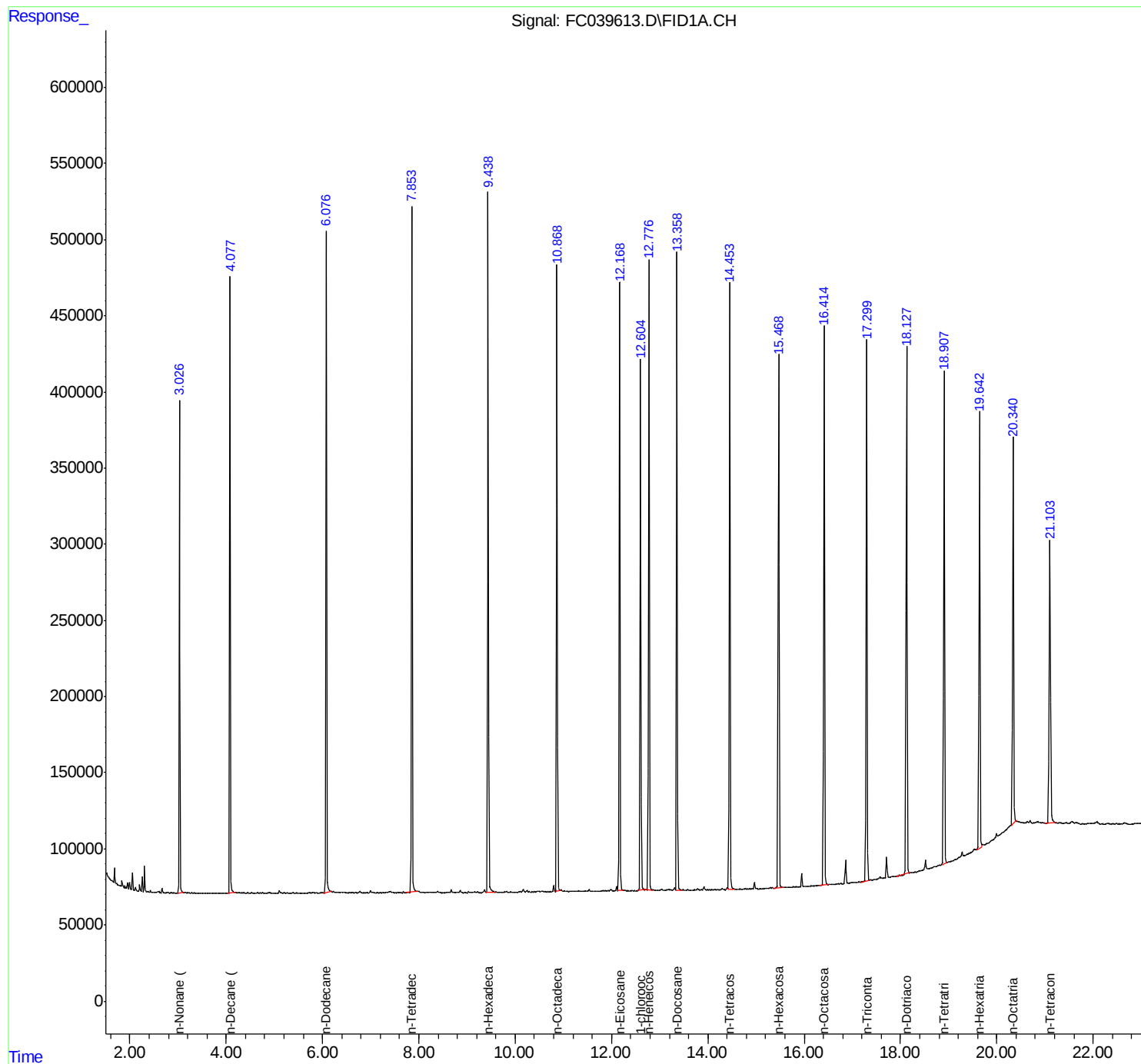
Instrument :
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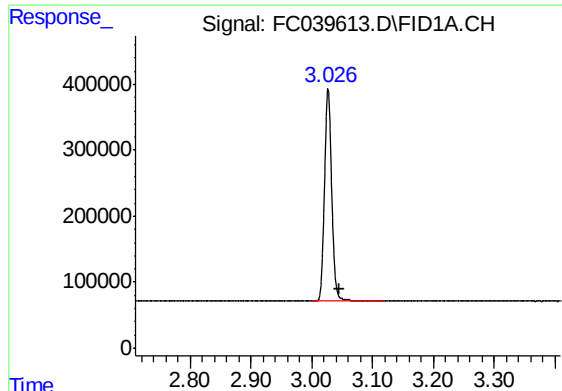
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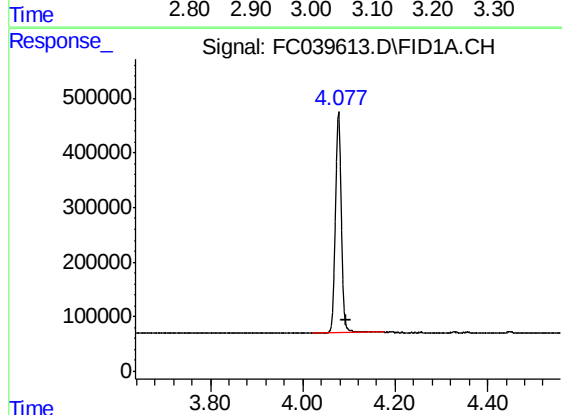
#1 n-Nonane (C9)

R.T.: 3.027 min
Delta R.T.: -0.018 min
Response: 2666184
Conc: 22.21 ug/ml

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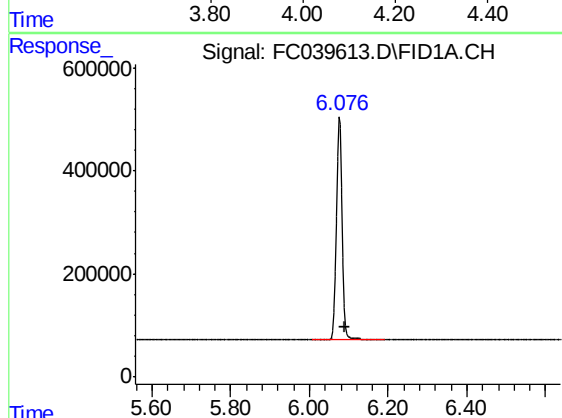
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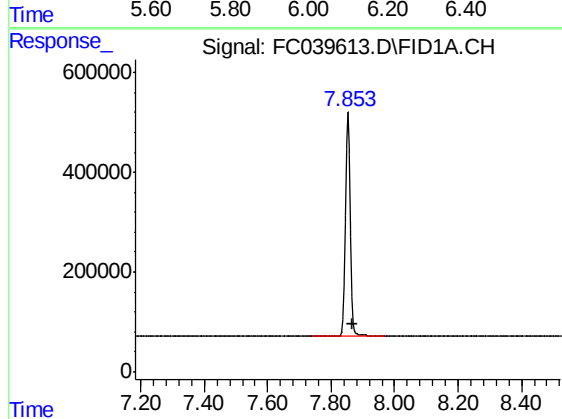
#2 n-Decane (C10)

R.T.: 4.077 min
Delta R.T.: -0.016 min
Response: 3548472
Conc: 29.45 ug/ml



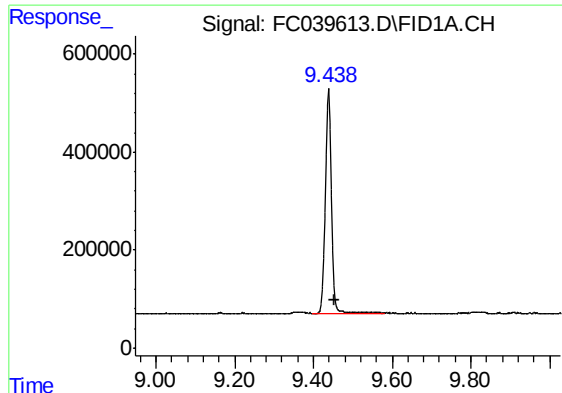
#4 n-Dodecane (C12)

R.T.: 6.076 min
Delta R.T.: -0.014 min
Response: 4333823
Conc: 35.08 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.853 min
Delta R.T.: -0.015 min
Response: 4680134
Conc: 36.75 ug/ml



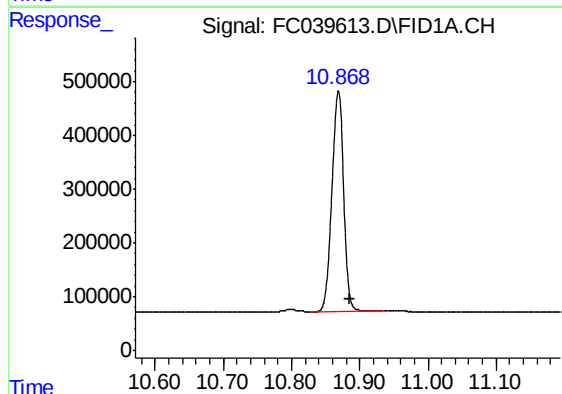
#7 n-Hexadecane (C16)

R.T.: 9.439 min
Delta R.T.: -0.016 min
Response: 4834523
Conc: 37.31 ug/ml

Instrument :
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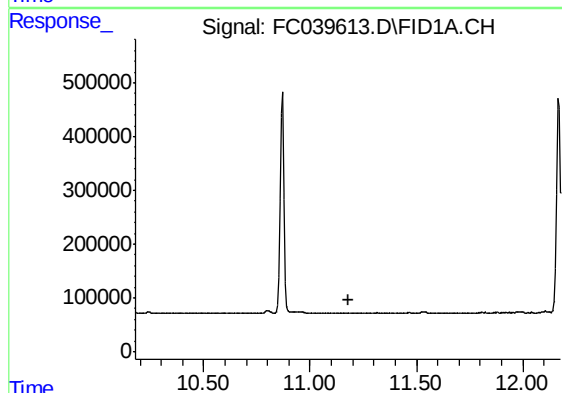
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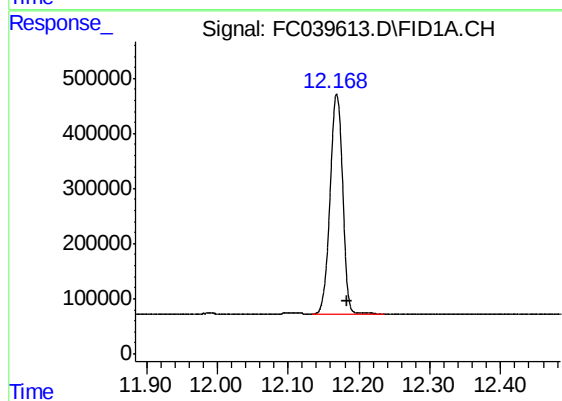
#8 n-Octadecane (C18)

R.T.: 10.869 min
Delta R.T.: -0.016 min
Response: 4909161
Conc: 36.49 ug/ml



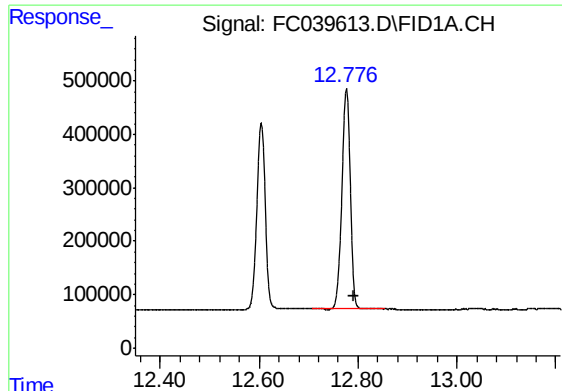
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.178 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.169 min
Delta R.T.: -0.016 min
Response: 4900506
Conc: 37.58 ug/ml



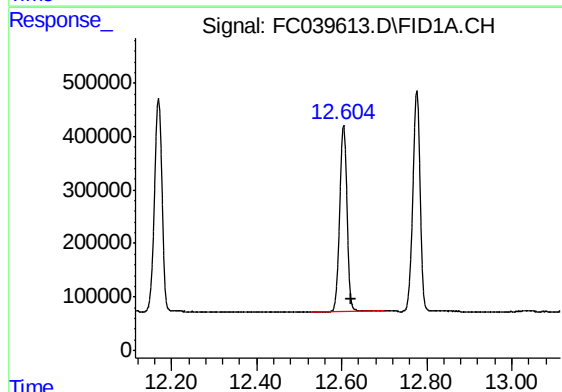
#11 n-Heneicosane (C21)

R.T.: 12.777 min
Delta R.T.: -0.014 min
Response: 4886202
Conc: 38.53 ug/ml

Instrument :
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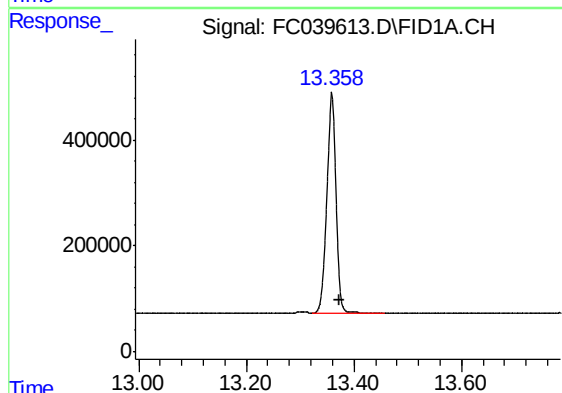
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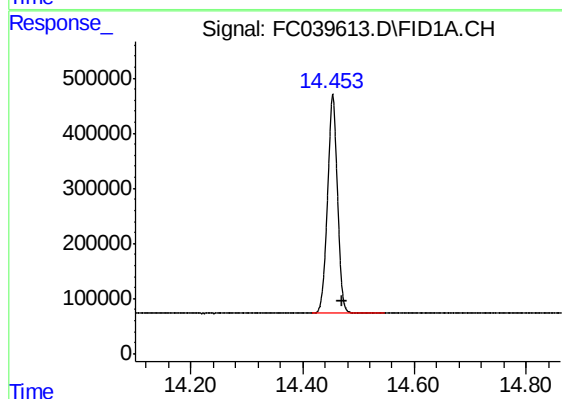
#12 1-chlorooctadecane (SURR)

R.T.: 12.604 min
Delta R.T.: -0.017 min
Response: 4162092
Conc: 33.00 ug/ml



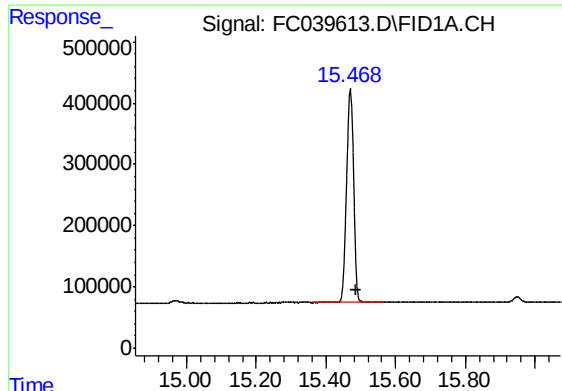
#13 n-Docosane (C22)

R.T.: 13.359 min
Delta R.T.: -0.015 min
Response: 4879123
Conc: 38.73 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.454 min
Delta R.T.: -0.016 min
Response: 4881359
Conc: 39.06 ug/ml



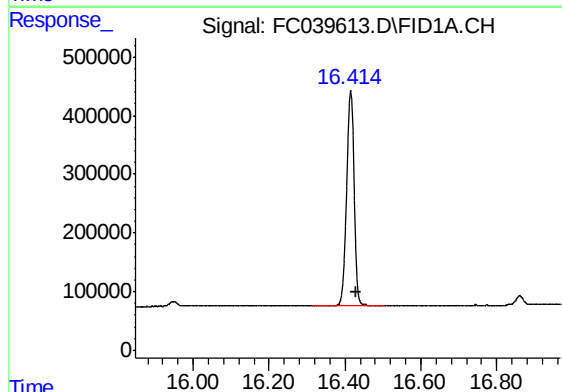
#15 n-Hexacosane (C26)

R.T.: 15.470 min
Delta R.T.: -0.015 min
Response: 4949298
Conc: 39.68 ug/ml

Instrument :
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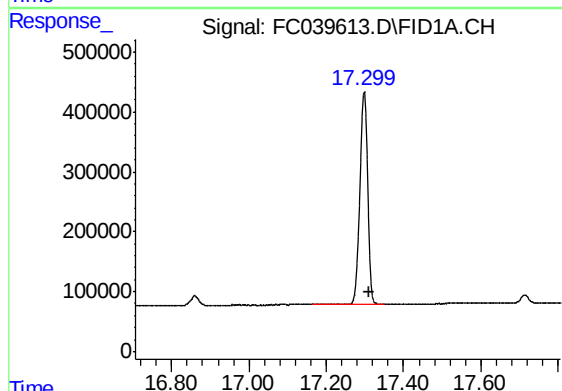
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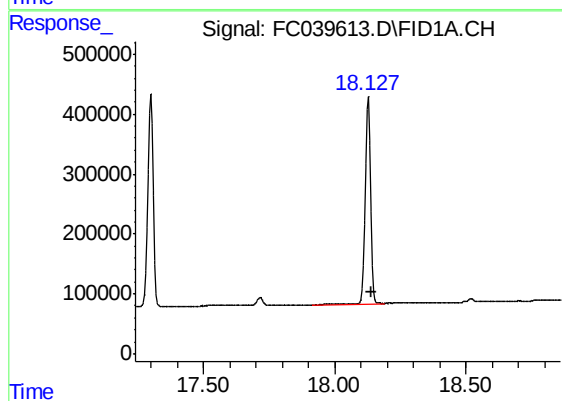
#16 n-Octacosane (C28)

R.T.: 16.415 min
Delta R.T.: -0.014 min
Response: 5014402
Conc: 37.52 ug/ml



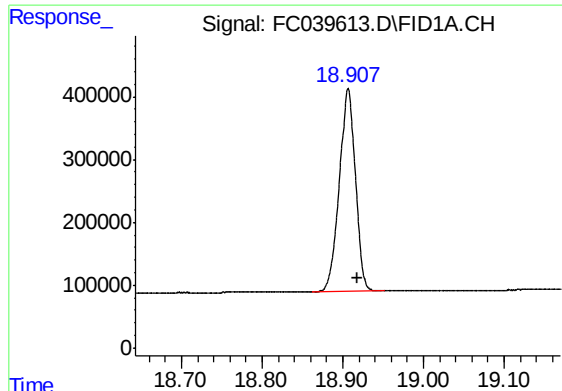
#17 n-Tricontane (C30)

R.T.: 17.298 min
Delta R.T.: -0.013 min
Response: 4998423
Conc: 34.06 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.127 min
Delta R.T.: -0.013 min
Response: 4825765
Conc: 35.92 ug/ml



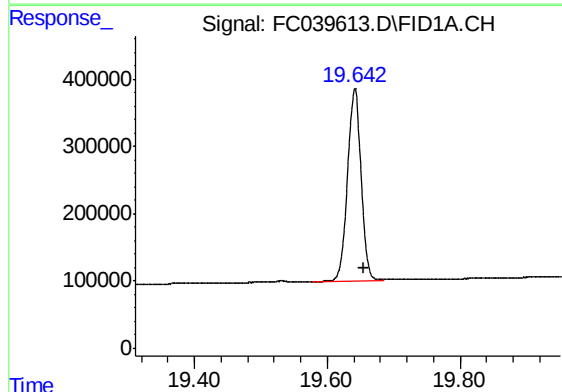
#19 n-Tetratriacontane (C34)

R.T.: 18.907 min
Delta R.T.: -0.012 min
Response: 4475756
Conc: 39.35 ug/ml m

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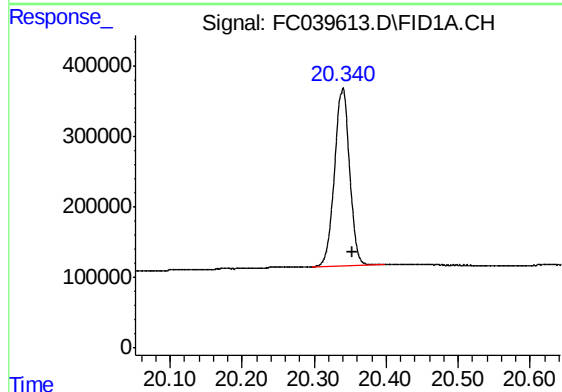
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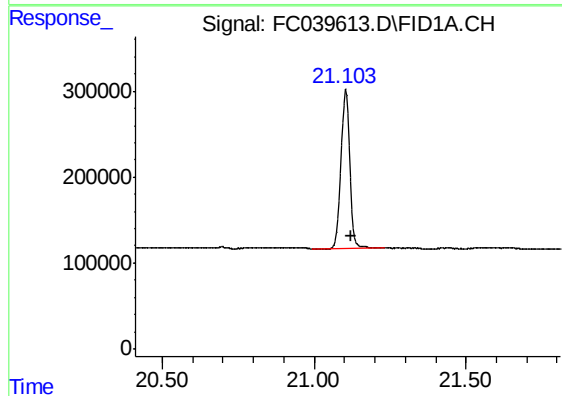
#20 n-Hexatriacontane (C36)

R.T.: 19.641 min
Delta R.T.: -0.014 min
Response: 4040004
Conc: 41.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.340 min
Delta R.T.: -0.013 min
Response: 3682415
Conc: 40.11 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.104 min
Delta R.T.: -0.016 min
Response: 3741767
Conc: 41.23 ug/ml