

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030821AL\
 Data File : FC052311.D
 Signal(s) : FID1A.CH
 Acq On : 08 Mar 2021 22:56
 Operator : DD\AJ
 Sample : M1577-06MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 72-11939-VNJ-229-EPH-2MS

Manual Integrations
 APPROVED

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 3/9/2021 2:04:46 PM

Integration File: autoint1.e
 Quant Time: Mar 09 02:58:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 03:56:17 2021
 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			
9) S ortho-Terphenyl (SURR)	11.614	4976460	37.736 ug/ml
Spiked Amount 50.000		Recovery =	75.47%
12) S 1-chlorooctadecane (S...	13.048	3910019	37.596 ug/ml
Spiked Amount 50.000		Recovery =	75.19%
Target Compounds			
1) T n-Nonane (C9)	3.357	4030883	34.196 ug/ml
2) T n-Decane (C10)	4.427	4569548	38.475 ug/ml
3) T A~Naphthalene (C11.7)	6.016	5426153	40.867 ug/ml
4) T n-Dodecane (C12)	6.448	4915299	40.660 ug/ml
5) T A~2-methylnaphthalene...	7.075	5651338	41.635 ug/ml
6) T n-Tetradecane (C14)	8.249	5125008	42.271 ug/ml
7) T n-Hexadecane (C16)	9.851	5353526	44.743 ug/ml
8) T n-Octadecane (C18)	11.295	5685194	45.927 ug/ml
10) T n-Eicosane (C20)	12.605	5596591	45.420 ug/ml
11) T n-Heneicosane (C21)	13.217	5545800	45.430 ug/ml
13) T n-Docosane (C22)	13.804	5397443	44.858 ug/ml
14) T n-Tetracosane (C24)	14.897	10097724	86.613 ug/ml
15) T n-Hexacosane (C26)	15.930	4838133	44.042 ug/ml
16) T n-Octacosane (C28)	16.879	4640907	45.277 ug/ml
17) T n-Tricontane (C30)	17.767	4283112	45.497 ug/ml
18) T n-Dotriacontane (C32)	18.599	4087927	47.878 ug/ml
19) T n-Tetratriacontane (C34)	19.382	3956929	51.039 ug/ml
20) T n-Hexatriacontane (C36)	20.122	3842092	53.469 ug/mlm
21) T n-Octatriacontane (C38)	20.865	3802103	55.504 ug/ml
22) T n-Tetracontane (C40)	21.789	3909712	54.370 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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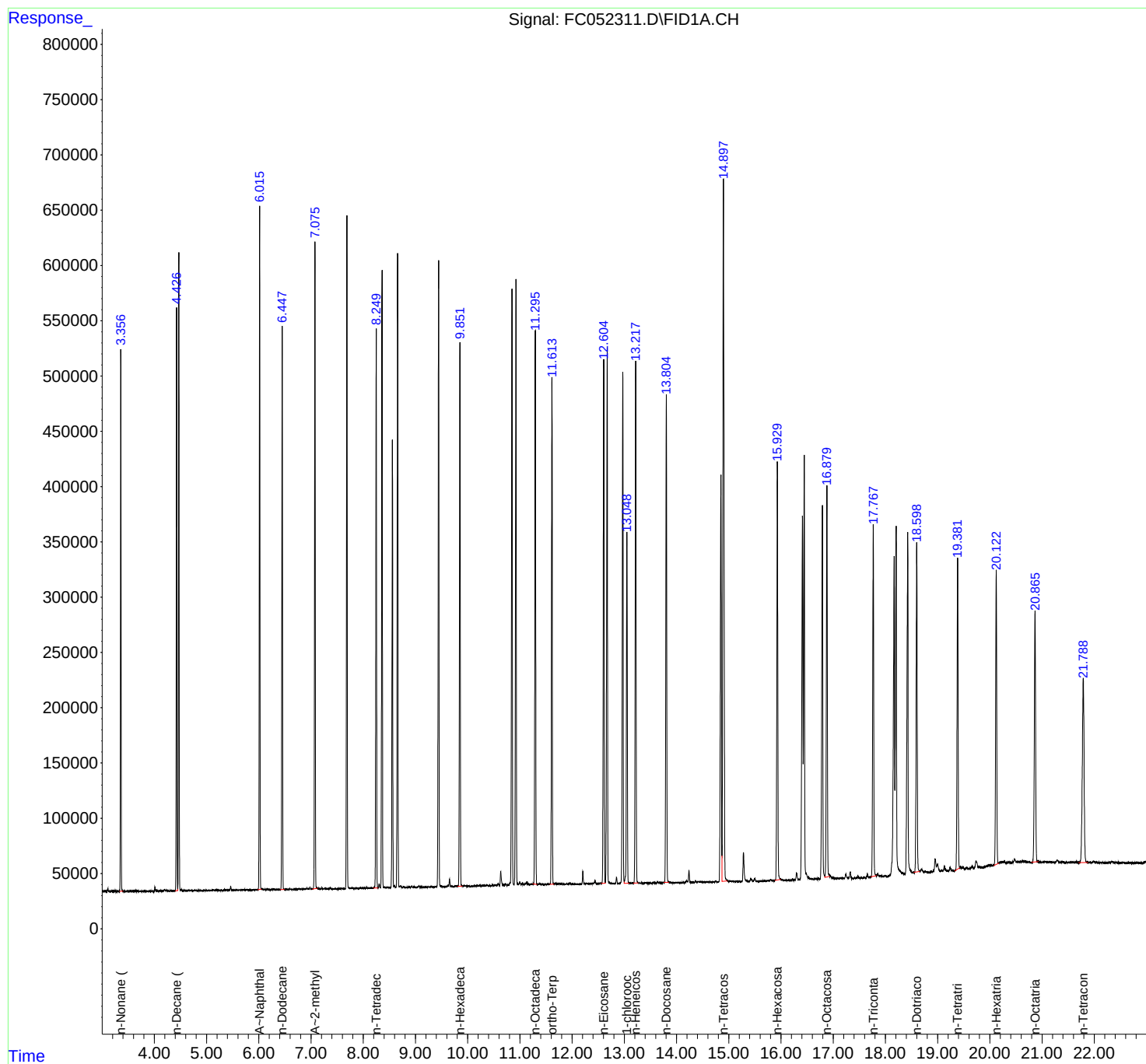
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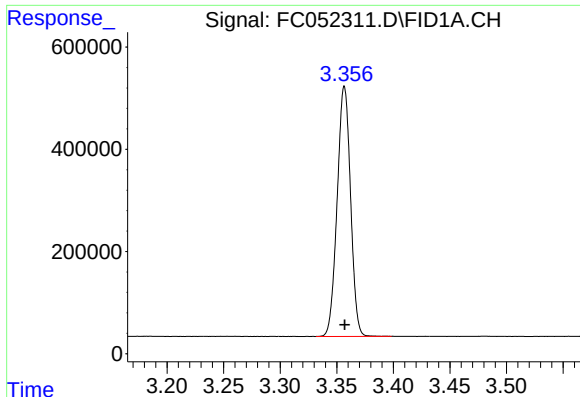
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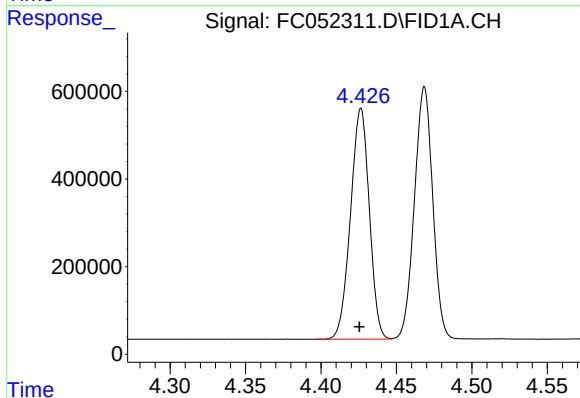
#1 n-Nonane (C9)

R.T.: 3.357 min
Delta R.T.: 0.000 min
Response: 4030883
Conc: 34.20 ug/ml

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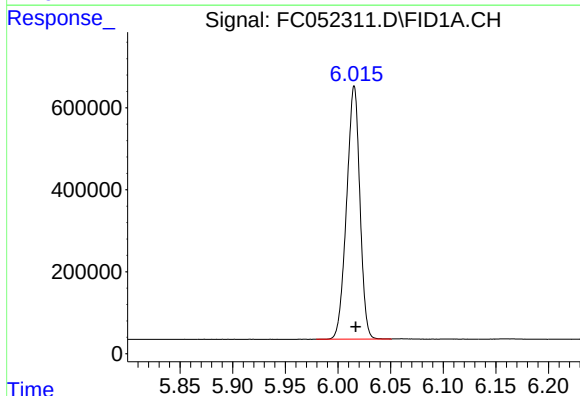
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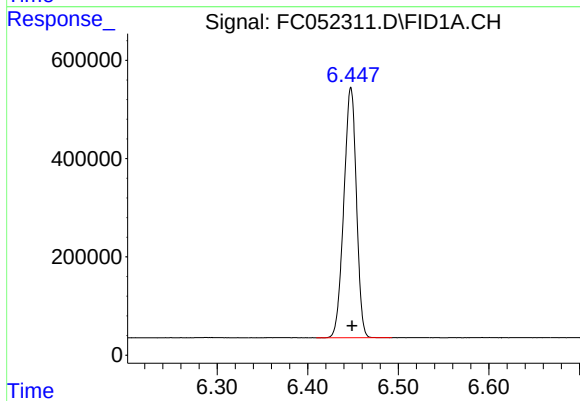
#2 n-Decane (C10)

R.T.: 4.427 min
Delta R.T.: 0.001 min
Response: 4569548
Conc: 38.48 ug/ml



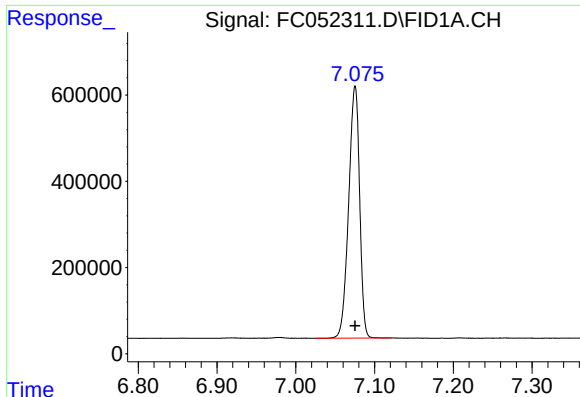
#3 A~Naphthalene (C11.7)

R.T.: 6.016 min
Delta R.T.: -0.001 min
Response: 5426153
Conc: 40.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.448 min
Delta R.T.: -0.001 min
Response: 4915299
Conc: 40.66 ug/ml



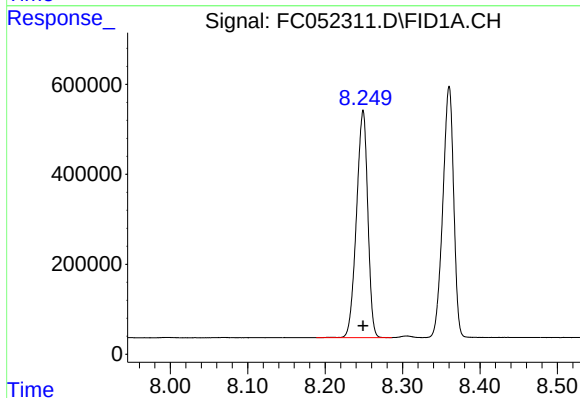
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.075 min
Delta R.T.: 0.000 min
Response: 5651338
Conc: 41.64 ug/ml

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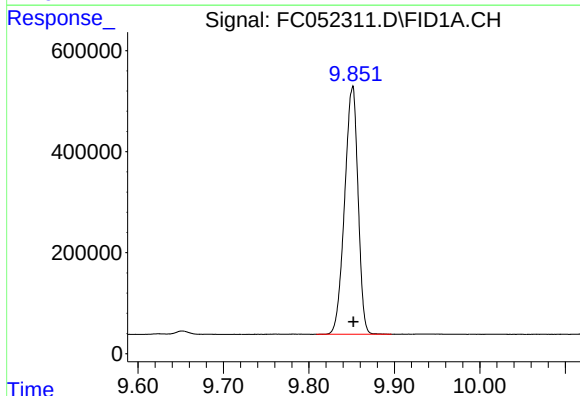
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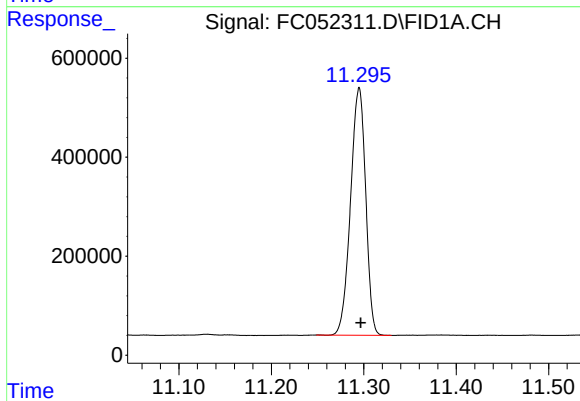
#6 n-Tetradecane (C14)

R.T.: 8.249 min
Delta R.T.: 0.000 min
Response: 5125008
Conc: 42.27 ug/ml



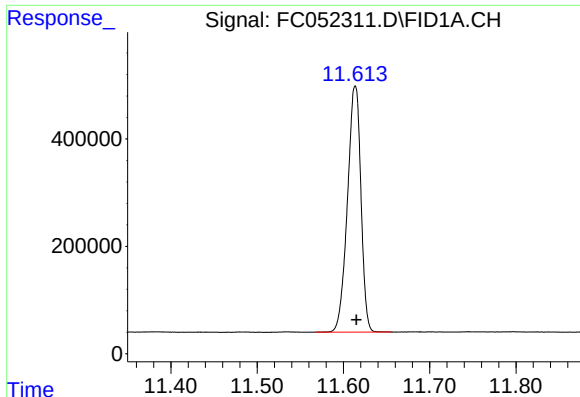
#7 n-Hexadecane (C16)

R.T.: 9.851 min
Delta R.T.: -0.001 min
Response: 5353526
Conc: 44.74 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.295 min
Delta R.T.: -0.002 min
Response: 5685194
Conc: 45.93 ug/ml



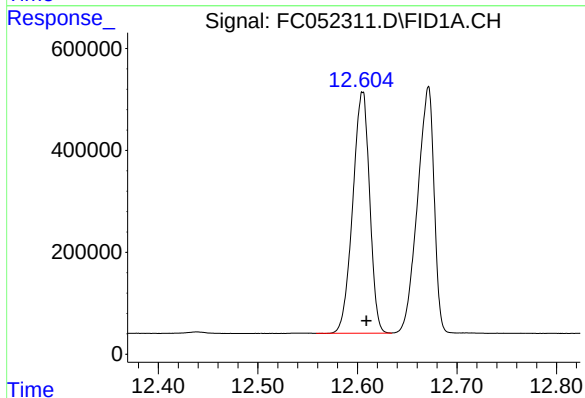
#9 ortho-Terphenyl (SURR)

R.T.: 11.614 min
Delta R.T.: -0.001 min
Response: 4976460
Conc: 37.74 ug/ml

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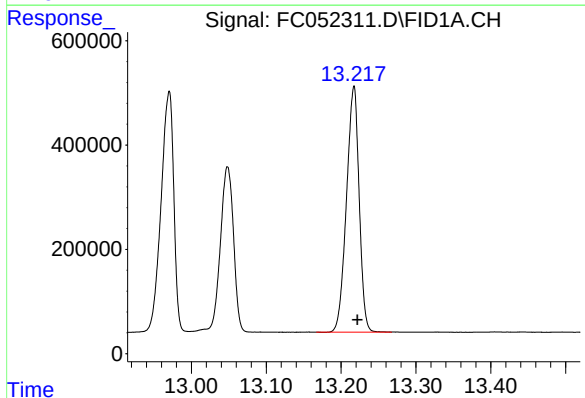
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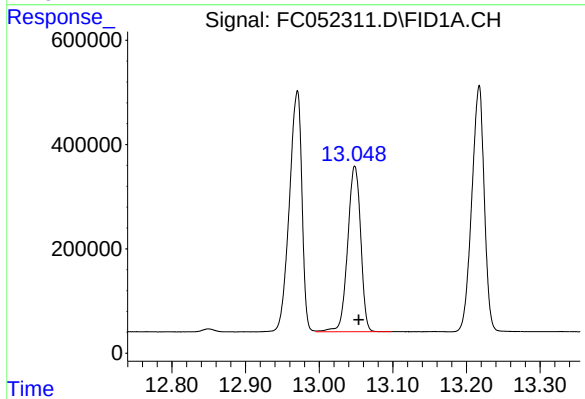
#10 n-Eicosane (C20)

R.T.: 12.605 min
Delta R.T.: -0.004 min
Response: 5596591
Conc: 45.42 ug/ml



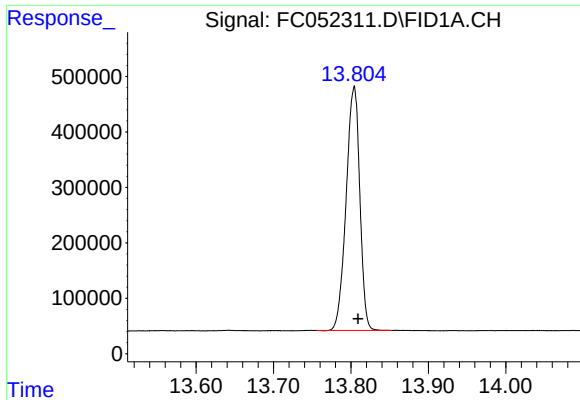
#11 n-Heneicosane (C21)

R.T.: 13.217 min
Delta R.T.: -0.004 min
Response: 5545800
Conc: 45.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.048 min
Delta R.T.: -0.005 min
Response: 3910019
Conc: 37.60 ug/ml



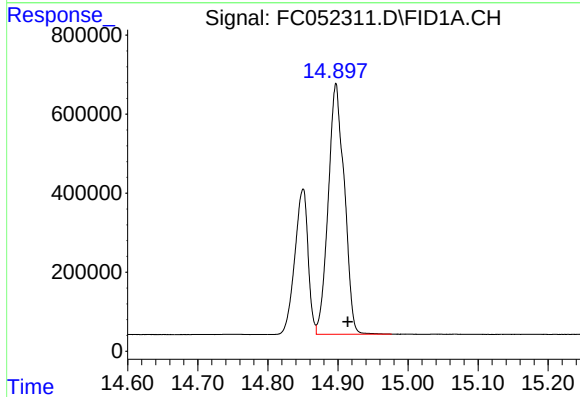
#13 n-Docosane (C22)

R.T.: 13.804 min
Delta R.T.: -0.005 min
Response: 5397443
Conc: 44.86 ug/ml

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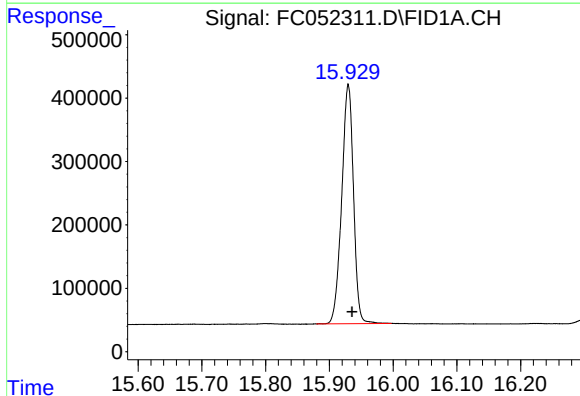
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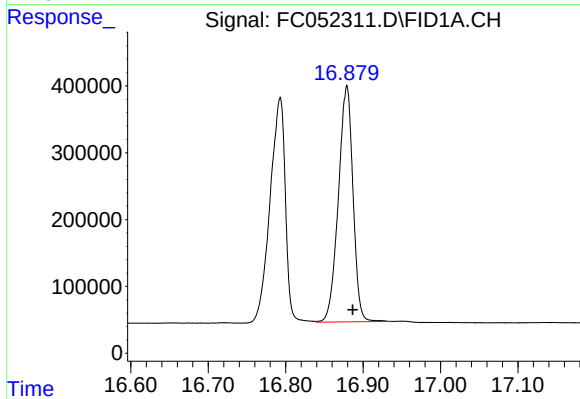
#14 n-Tetracosane (C24)

R.T.: 14.897 min
Delta R.T.: -0.017 min
Response: 10097724
Conc: 86.61 ug/ml



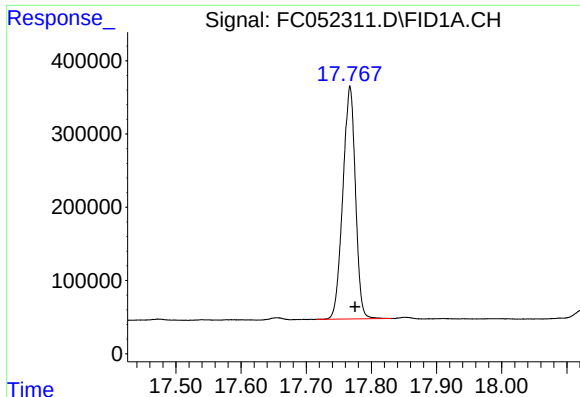
#15 n-Hexacosane (C26)

R.T.: 15.930 min
Delta R.T.: -0.006 min
Response: 4838133
Conc: 44.04 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.879 min
Delta R.T.: -0.007 min
Response: 4640907
Conc: 45.28 ug/ml



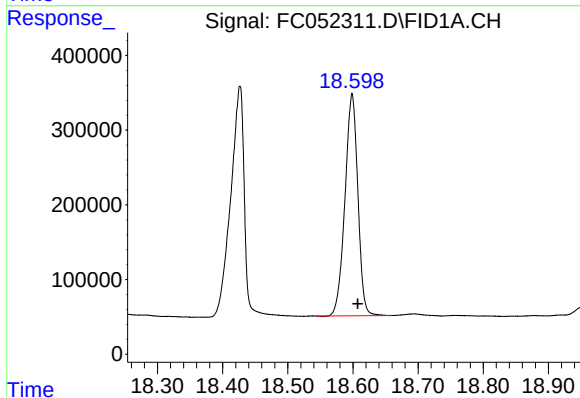
#17 n-Tricontane (C30)

R.T.: 17.767 min
Delta R.T.: -0.007 min
Response: 4283112
Conc: 45.50 ug/ml

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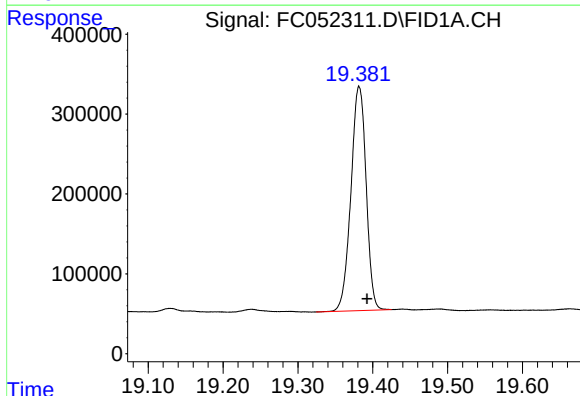
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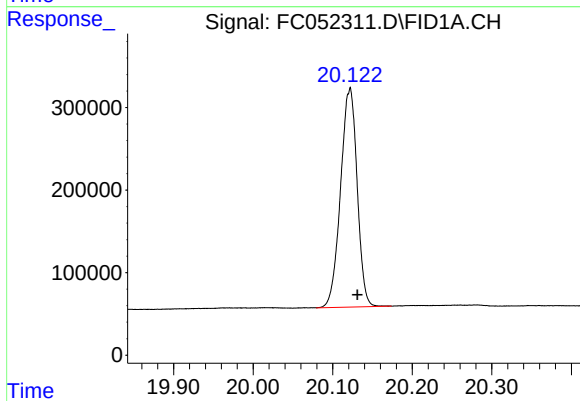
#18 n-Dotriacontane (C32)

R.T.: 18.599 min
Delta R.T.: -0.009 min
Response: 4087927
Conc: 47.88 ug/ml



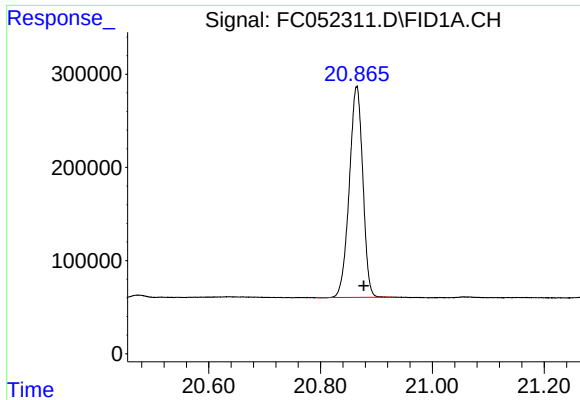
#19 n-Tetratriacontane (C34)

R.T.: 19.382 min
Delta R.T.: -0.010 min
Response: 3956929
Conc: 51.04 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.122 min
Delta R.T.: -0.009 min
Response: 3842092
Conc: 53.47 ug/ml m



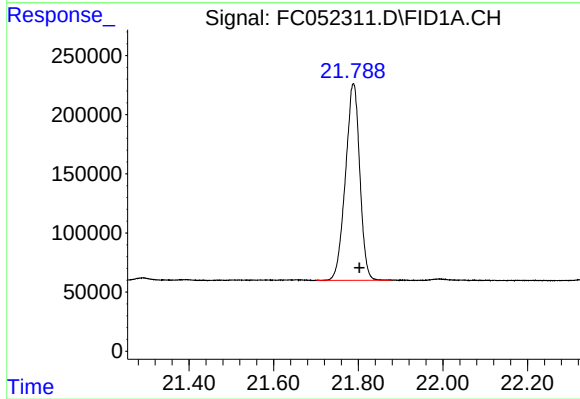
#21 n-Octatriacontane (C38)

R.T.: 20.865 min
Delta R.T.: -0.012 min
Response: 3802103
Conc: 55.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.789 min
Delta R.T.: -0.014 min
Response: 3909712
Conc: 54.37 ug/ml