

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041521AL\
 Data File : FC053211.D
 Signal(s) : FID1A.CH
 Acq On : 16 Apr 2021 6:36
 Operator : DD\AJ
 Sample : M2040-07MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 FILL-BMSD

Manual Integrations
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 4/16/2021 11:10:43 AM

Integration File: autoint1.e
 Quant Time: Apr 16 07:57:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 040821.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 09 09:23:51 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			
12) S 1-chlorooctadecane (S...	12.999	4751738	41.125 ug/mlm
Spiked Amount 50.000		Recovery =	82.25%
Target Compounds			
1) T n-Nonane (C9)	3.309	3291496	26.298 ug/ml
2) T n-Decane (C10)	4.375	4119444	32.722 ug/ml
4) T n-Dodecane (C12)	6.395	5238248	40.900 ug/ml
6) T n-Tetradecane (C14)	8.194	6133584	47.670 ug/ml
7) T n-Hexadecane (C16)	9.798	6594267	51.575 ug/ml
8) T n-Octadecane (C18)	11.244	6911962	51.109 ug/mlm
10) T n-Eicosane (C20)	12.556	6564968	47.795 ug/mlm
11) T n-Heneicosane (C21)	13.170	6772674	49.291 ug/ml
13) T n-Docosane (C22)	13.757	6693550	48.560 ug/ml
14) T n-Tetracosane (C24)	14.863	6351884	46.069 ug/ml
15) T n-Hexacosane (C26)	15.885	5981982	44.114 ug/ml
16) T n-Octacosane (C28)	16.836	6395657	47.982 ug/mlm
17) T n-Tricontane (C30)	17.722	5676939	44.234 ug/ml
18) T n-Dotriacontane (C32)	18.553	4938107	41.333 ug/ml
19) T n-Tetratriacontane (C34)	19.336	5255233	47.451 ug/ml
20) T n-Hexatriacontane (C36)	20.073	4843245	47.996 ug/mlm
21) T n-Octatriacontane (C38)	20.808	4704251	52.803 ug/ml
22) T n-Tetracontane (C40)	21.713	4837548	60.428 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 16 Apr 2021 6:36
Operator : DD\AJ
Sample : M2040-07MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

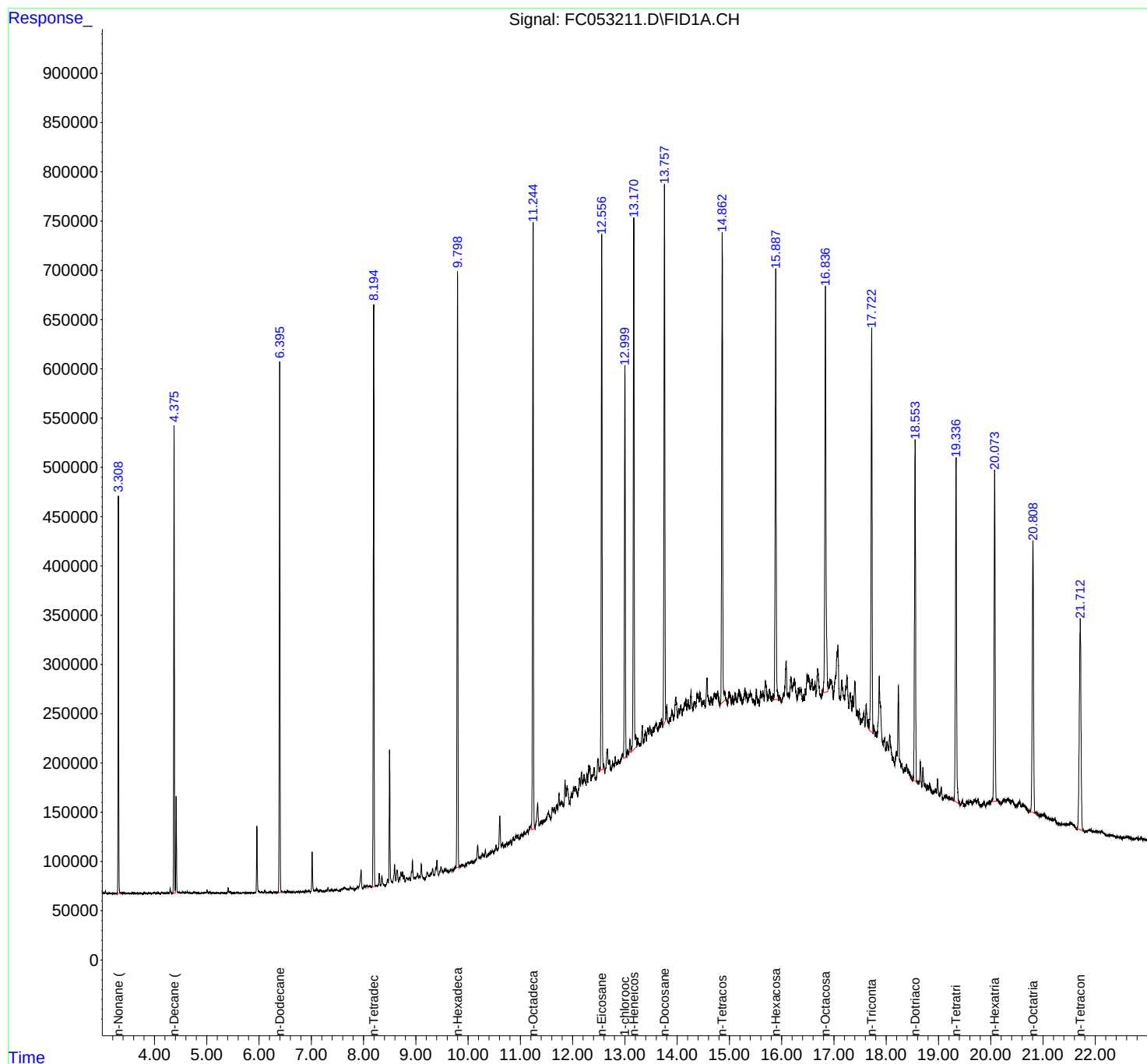
Instrument :
FID_C
ClientSampled :
FILL-BMSD

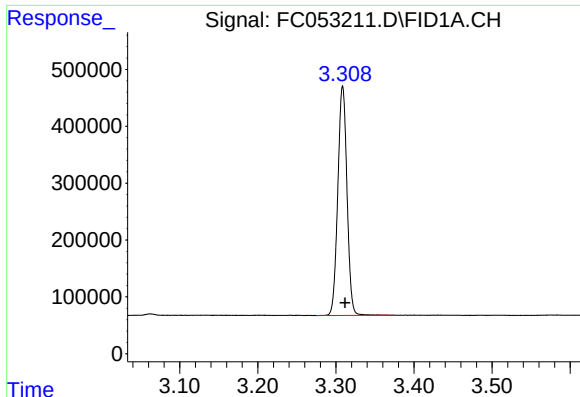
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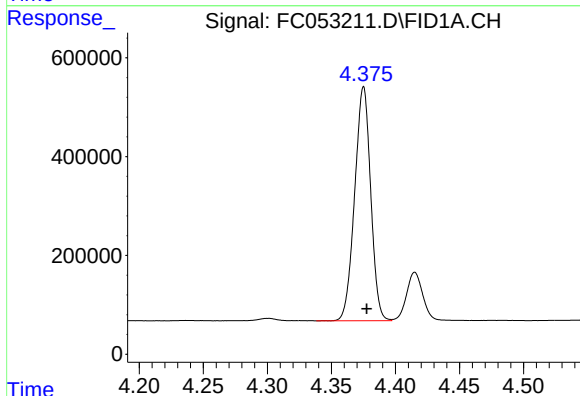
#1 n-Nonane (C9)

R.T.: 3.309 min
Delta R.T.: -0.003 min
Response: 3291496
Conc: 26.30 ug/ml

Instrument :
FID_C
ClientSampleId :
FILL-BMSD

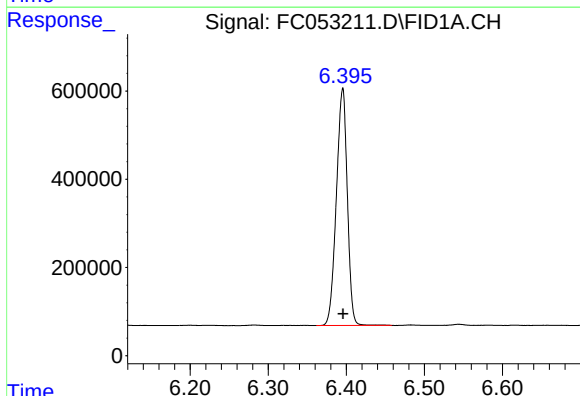
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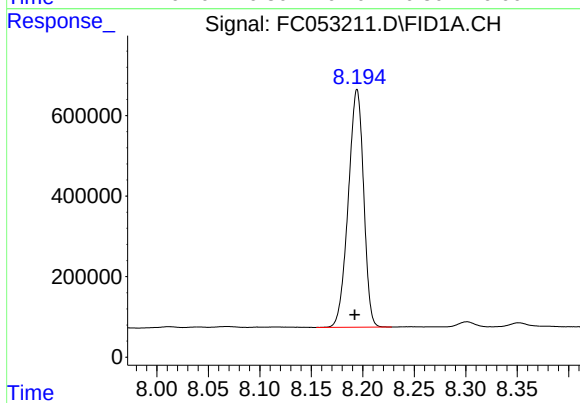
#2 n-Decane (C10)

R.T.: 4.375 min
Delta R.T.: -0.003 min
Response: 4119444
Conc: 32.72 ug/ml



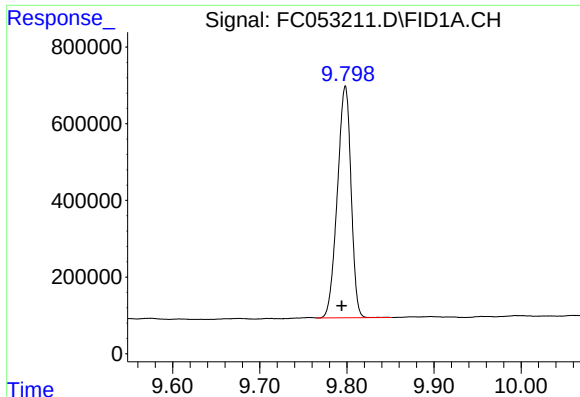
#4 n-Dodecane (C12)

R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 5238248
Conc: 40.90 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.194 min
Delta R.T.: 0.002 min
Response: 6133584
Conc: 47.67 ug/ml



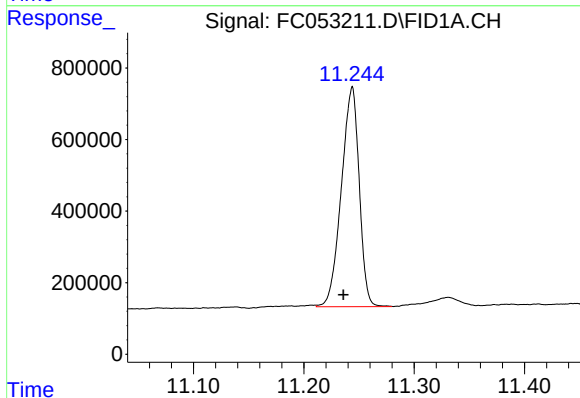
#7 n-Hexadecane (C16)

R.T.: 9.798 min
Delta R.T.: 0.004 min
Response: 6594267
Conc: 51.58 ug/ml

Instrument :
FID_C
ClientSampleId :
FILL-BMSD

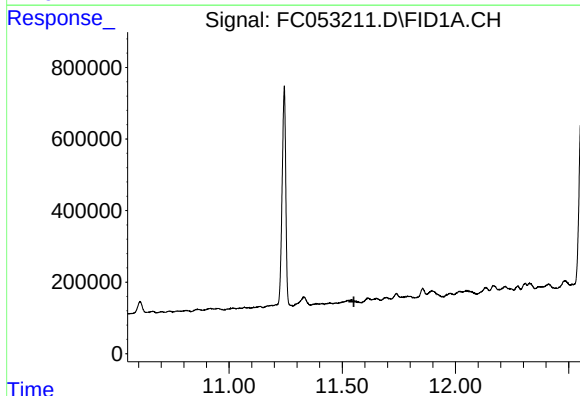
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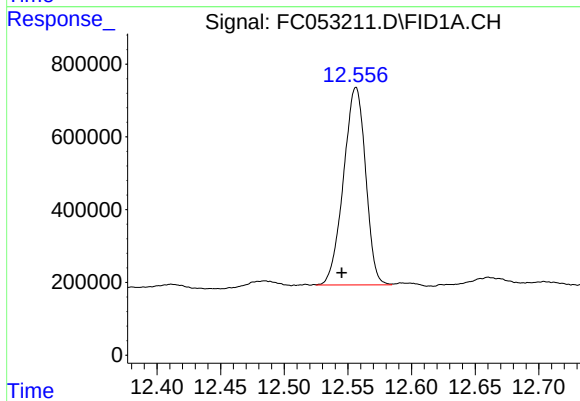
#8 n-Octadecane (C18)

R.T.: 11.244 min
Delta R.T.: 0.008 min
Response: 6911962
Conc: 51.11 ug/ml m



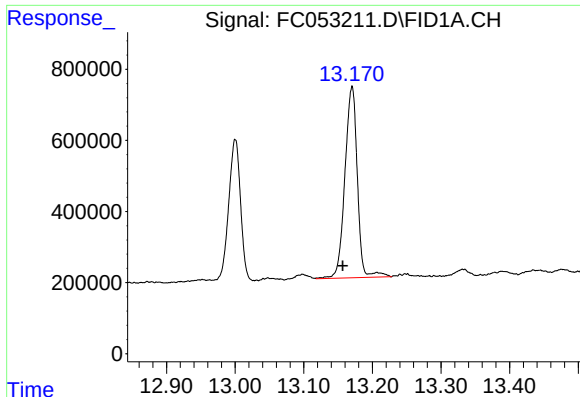
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.551 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.556 min
Delta R.T.: 0.011 min
Response: 6564968
Conc: 47.80 ug/ml m



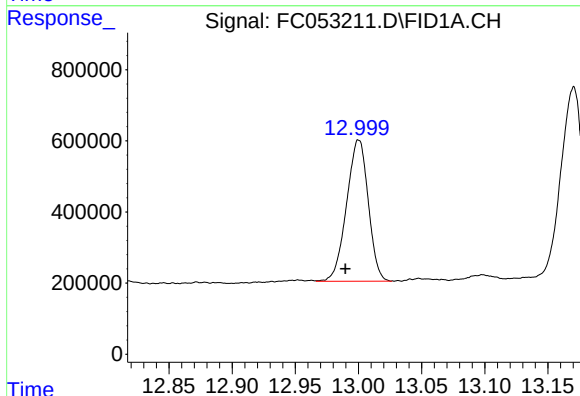
#11 n-Heneicosane (C21)

R.T.: 13.170 min
Delta R.T.: 0.013 min
Response: 6772674
Conc: 49.29 ug/ml

Instrument :
FID_C
ClientSampleId :
FILL-BMSD

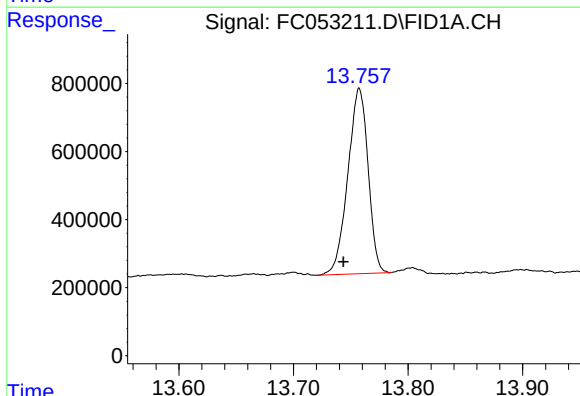
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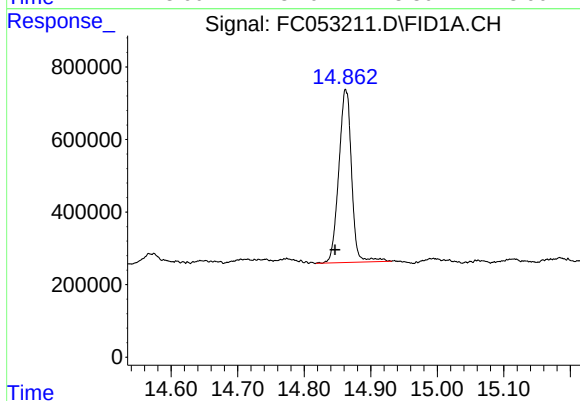
#12 1-chlorooctadecane (SURR)

R.T.: 12.999 min
Delta R.T.: 0.009 min
Response: 4751738
Conc: 41.13 ug/ml m



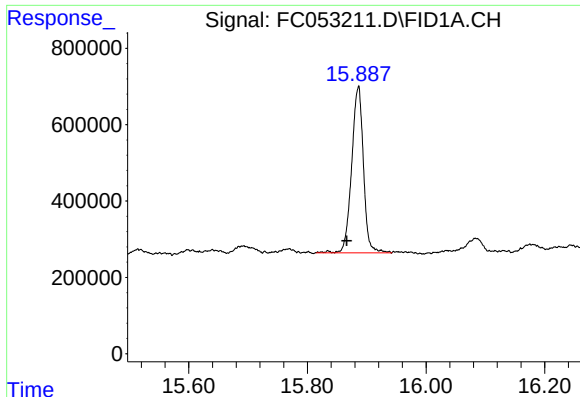
#13 n-Docosane (C22)

R.T.: 13.757 min
Delta R.T.: 0.014 min
Response: 6693550
Conc: 48.56 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.863 min
Delta R.T.: 0.016 min
Response: 6351884
Conc: 46.07 ug/ml



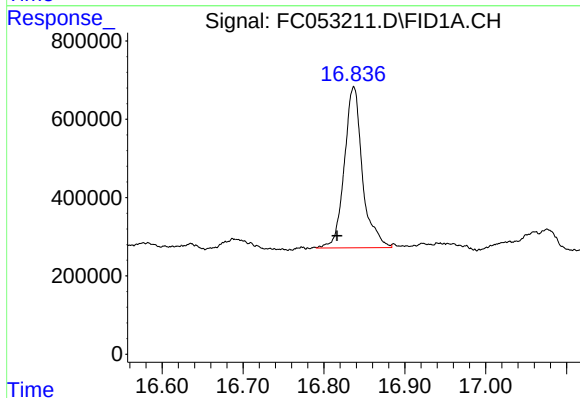
#15 n-Hexacosane (C26)

R.T.: 15.885 min
Delta R.T.: 0.019 min
Response: 5981982
Conc: 44.11 ug/ml

Instrument :
FID_C
ClientSampleId :
FILL-BMSD

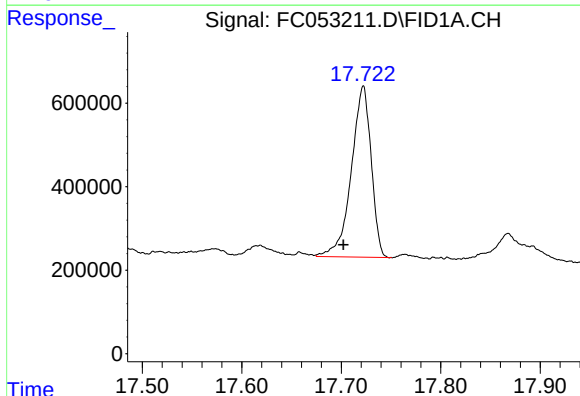
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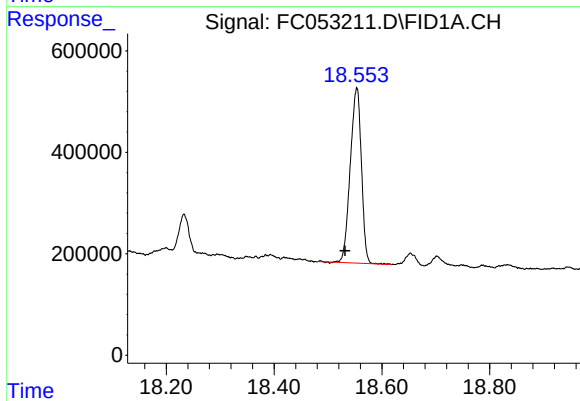
#16 n-Octacosane (C28)

R.T.: 16.836 min
Delta R.T.: 0.020 min
Response: 6395657
Conc: 47.98 ug/ml m



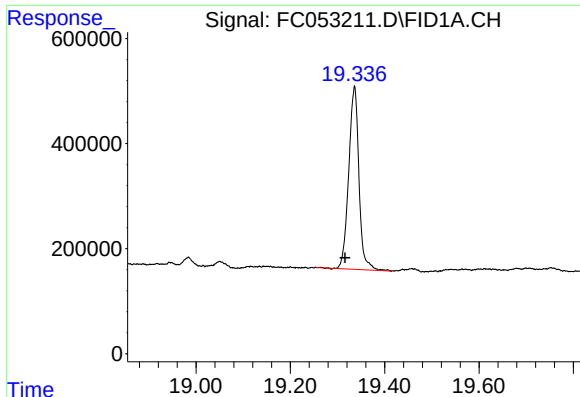
#17 n-Tricontane (C30)

R.T.: 17.722 min
Delta R.T.: 0.020 min
Response: 5676939
Conc: 44.23 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.553 min
Delta R.T.: 0.022 min
Response: 4938107
Conc: 41.33 ug/ml



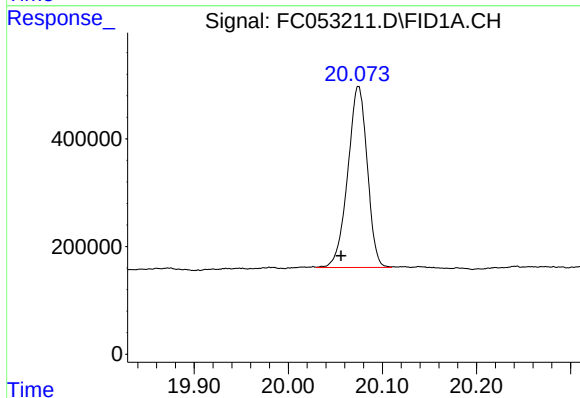
#19 n-Tetratriacontane (C34)

R.T.: 19.336 min
Delta R.T.: 0.019 min
Response: 5255233
Conc: 47.45 ug/ml

Instrument :
FID_C
ClientSampleId :
FILL-BMSD

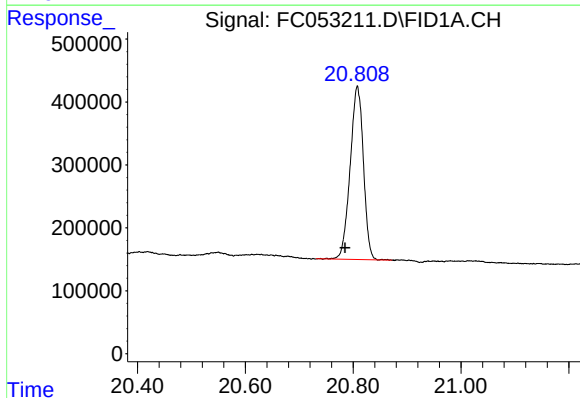
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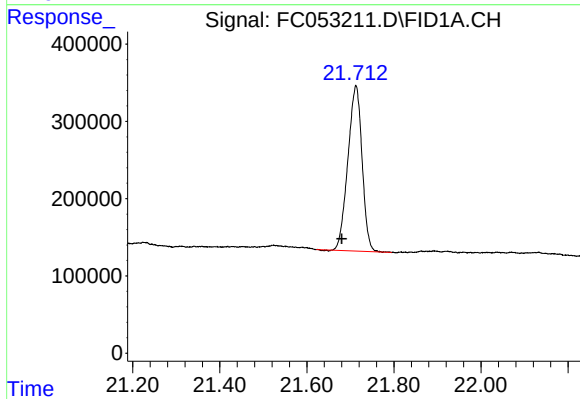
#20 n-Hexatriacontane (C36)

R.T.: 20.073 min
Delta R.T.: 0.017 min
Response: 4843245
Conc: 48.00 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.808 min
Delta R.T.: 0.023 min
Response: 4704251
Conc: 52.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.713 min
Delta R.T.: 0.032 min
Response: 4837548
Conc: 60.43 ug/ml