

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031721AL\
 Data File : FC052470.D
 Signal(s) : FID1A.CH
 Acq On : 17 Mar 2021 14:13
 Operator : DD\AJ
 Sample : M1458-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOQ-WATER-02-QT1-2021

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Mar 18 03:36:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 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...	13.005	4040149	37.458 ug/ml
Spiked Amount 50.000		Recovery =	74.92%
Target Compounds			
1) T n-Nonane (C9)	3.329	368253	3.171 ug/ml
2) T n-Decane (C10)	4.394	475337	4.056 ug/ml
4) T n-Dodecane (C12)	6.412	635249	5.291 ug/ml
6) T n-Tetradecane (C14)	8.207	667957	5.523 ug/ml
7) T n-Hexadecane (C16)	9.807	644204	5.356 ug/ml
8) T n-Octadecane (C18)	11.248	709843	5.626 ug/ml
10) T n-Eicosane (C20)	12.558	730344	5.719 ug/ml
11) T n-Heneicosane (C21)	13.170	684595	5.386 ug/ml
13) T n-Docosane (C22)	13.755	730298	5.765 ug/ml
14) T n-Tetracosane (C24)	14.858	702674	5.625 ug/ml
15) T n-Hexacosane (C26)	15.878	703514	5.843 ug/ml
16) T n-Octacosane (C28)	16.827	645500	5.599 ug/ml
17) T n-Tricontane (C30)	17.713	623702	5.725 ug/ml
18) T n-Dotriacontane (C32)	18.546	598538	5.965 ug/ml
19) T n-Tetratriacontane (C34)	19.327	542391	5.901 ug/ml
20) T n-Hexatriacontane (C36)	20.065	522868	5.734 ug/ml
21) T n-Octatriacontane (C38)	20.798	463937	5.684 ug/ml
22) T n-Tetracontane (C40)	21.702	527692	6.126 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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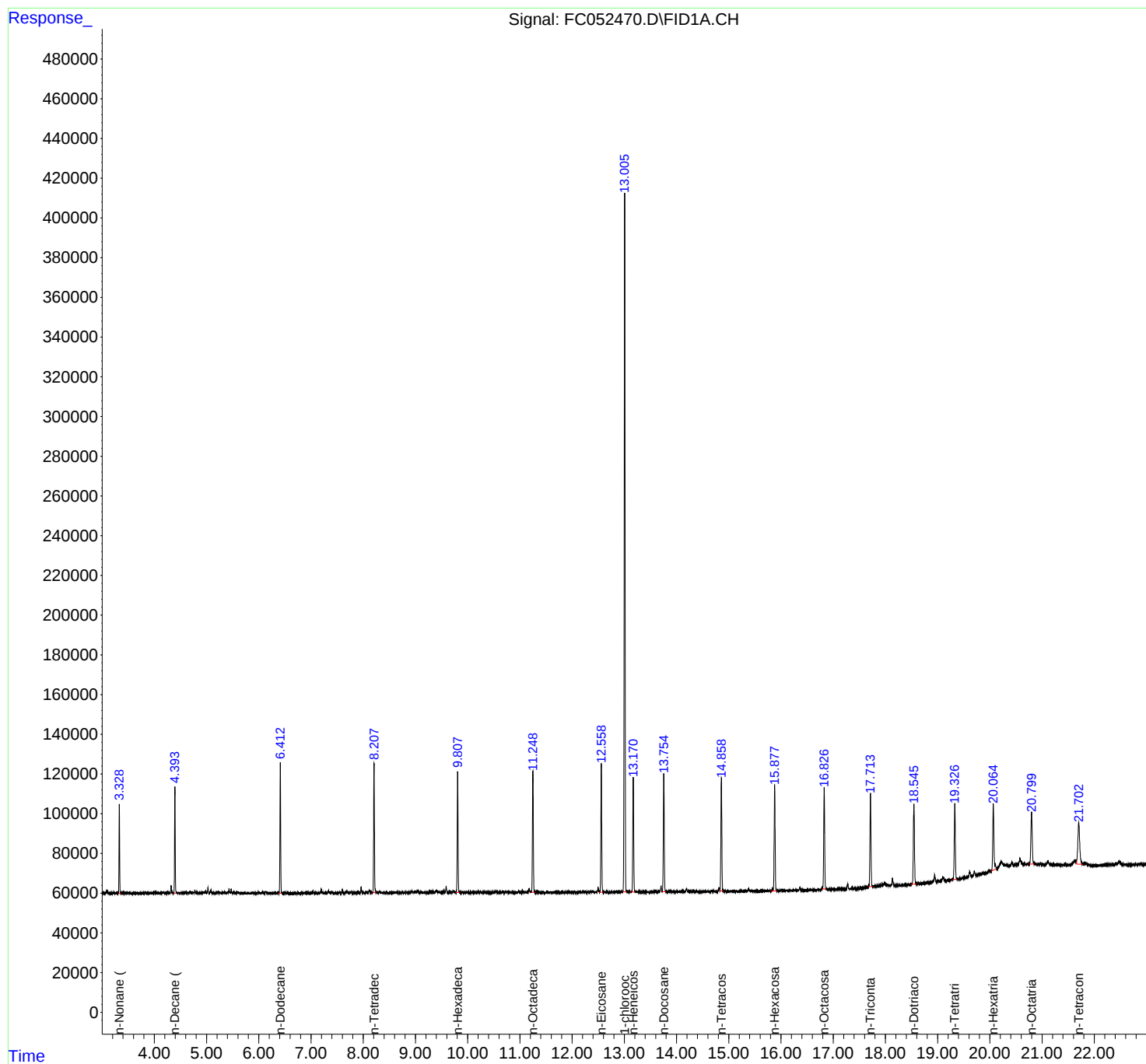
Instrument :
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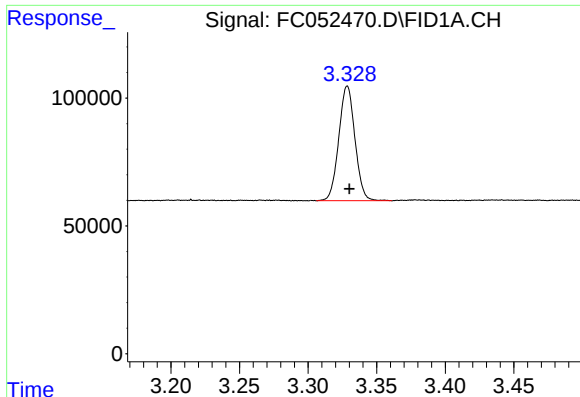
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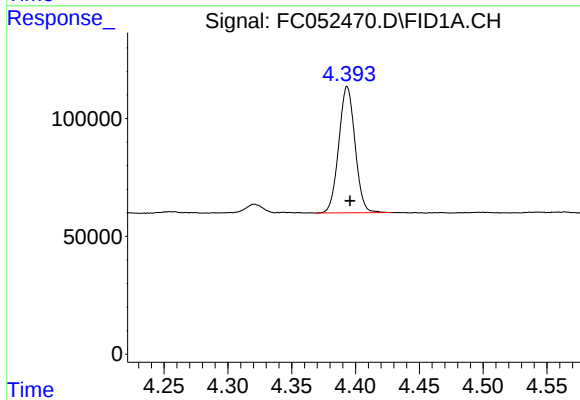
#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: -0.001 min
Response: 368253
Conc: 3.17 ug/ml

Instrument :
FID_C
ClientSampleId :
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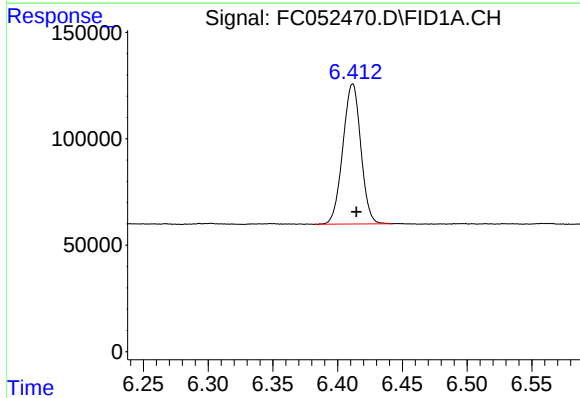
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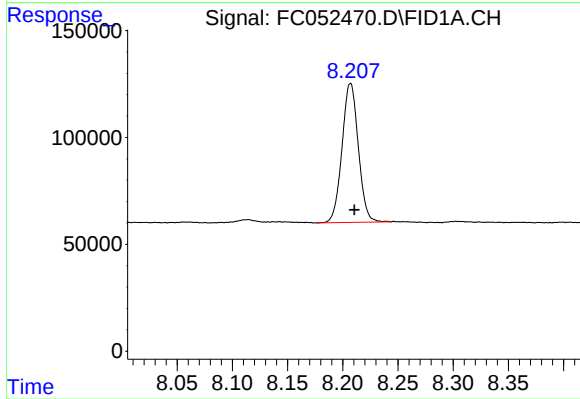
#2 n-Decane (C10)

R.T.: 4.394 min
Delta R.T.: -0.002 min
Response: 475337
Conc: 4.06 ug/ml



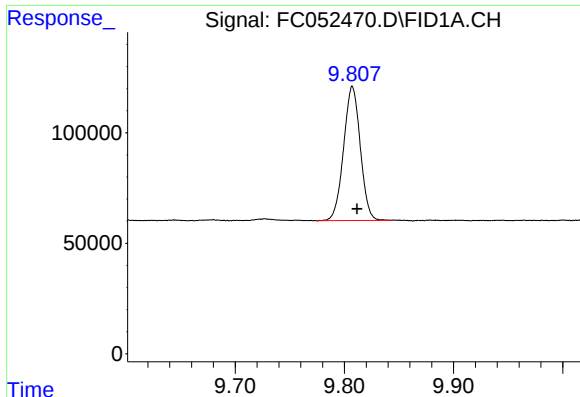
#4 n-Dodecane (C12)

R.T.: 6.412 min
Delta R.T.: -0.003 min
Response: 635249
Conc: 5.29 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.207 min
Delta R.T.: -0.004 min
Response: 667957
Conc: 5.52 ug/ml



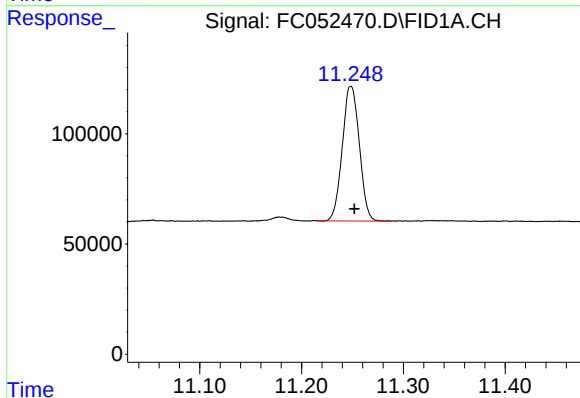
#7 n-Hexadecane (C16)

R.T.: 9.807 min
Delta R.T.: -0.004 min
Response: 644204
Conc: 5.36 ug/ml

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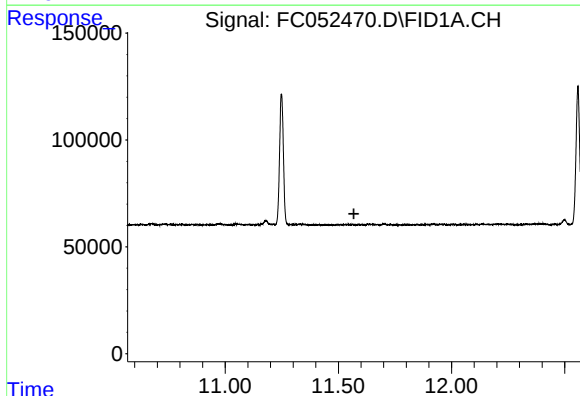
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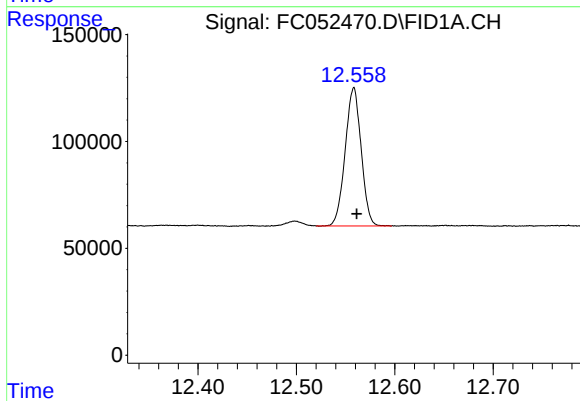
#8 n-Octadecane (C18)

R.T.: 11.248 min
Delta R.T.: -0.003 min
Response: 709843
Conc: 5.63 ug/ml



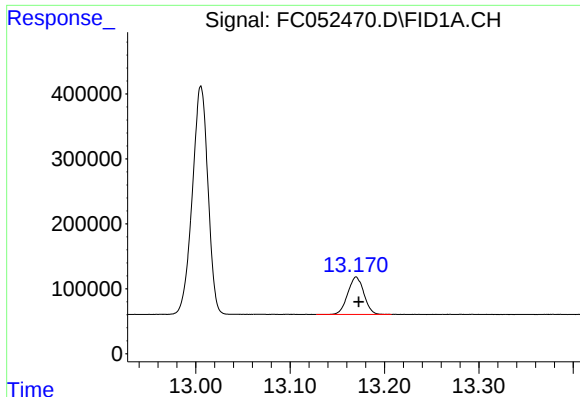
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.568 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.558 min
Delta R.T.: -0.003 min
Response: 730344
Conc: 5.72 ug/ml



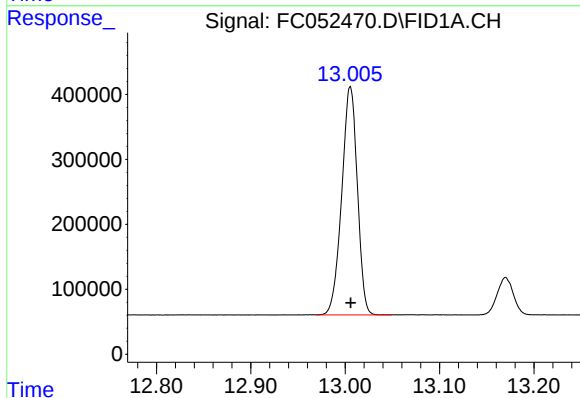
#11 n-Heneicosane (C21)

R.T.: 13.170 min
Delta R.T.: -0.003 min
Response: 684595
Conc: 5.39 ug/ml

Instrument :
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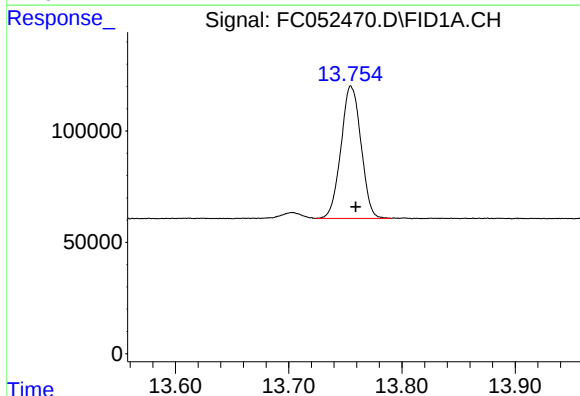
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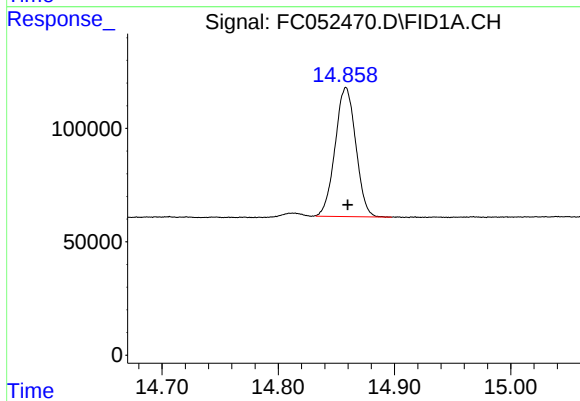
#12 1-chlorooctadecane (SURR)

R.T.: 13.005 min
Delta R.T.: 0.000 min
Response: 4040149
Conc: 37.46 ug/ml



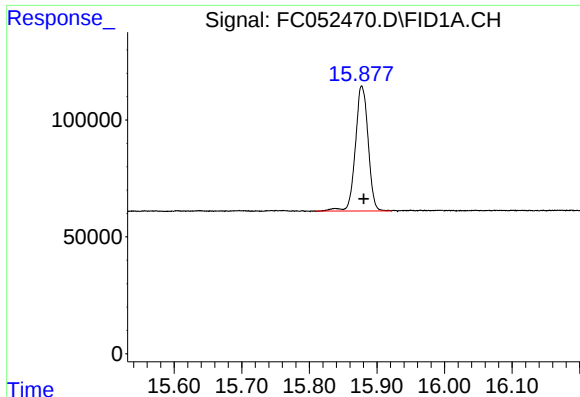
#13 n-Docosane (C22)

R.T.: 13.755 min
Delta R.T.: -0.004 min
Response: 730298
Conc: 5.76 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.858 min
Delta R.T.: -0.001 min
Response: 702674
Conc: 5.62 ug/ml



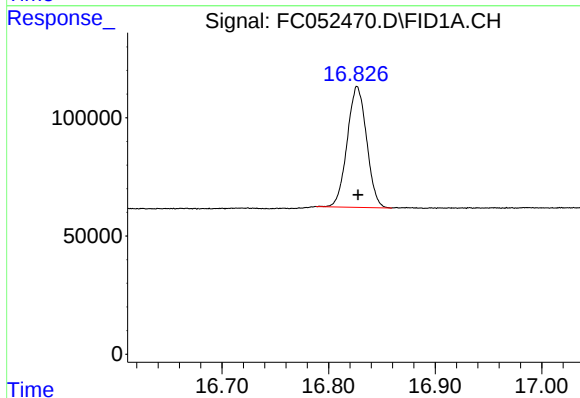
#15 n-Hexacosane (C26)

R.T.: 15.878 min
Delta R.T.: -0.003 min
Response: 703514
Conc: 5.84 ug/ml

Instrument :
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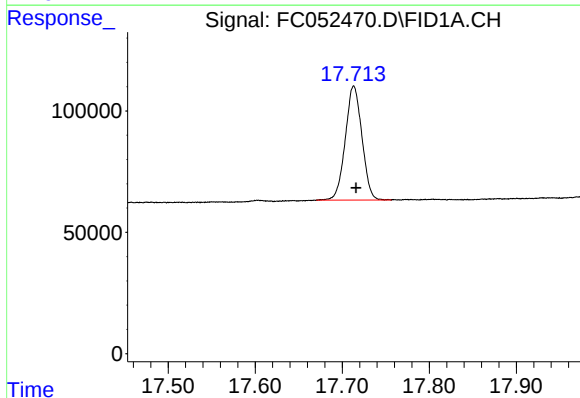
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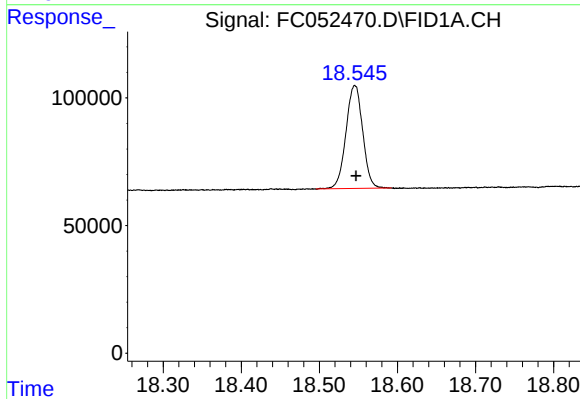
#16 n-Octacosane (C28)

R.T.: 16.827 min
Delta R.T.: 0.000 min
Response: 645500
Conc: 5.60 ug/ml



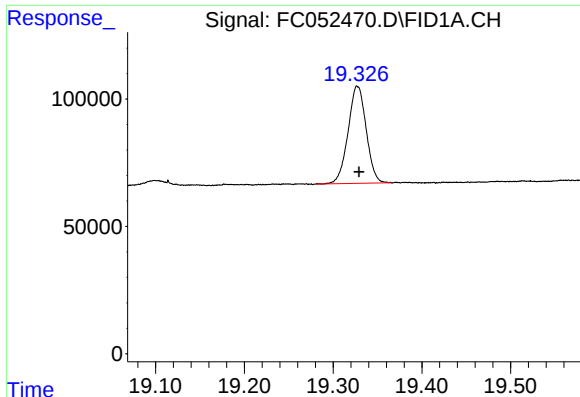
#17 n-Tricontane (C30)

R.T.: 17.713 min
Delta R.T.: -0.003 min
Response: 623702
Conc: 5.72 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.546 min
Delta R.T.: -0.002 min
Response: 598538
Conc: 5.97 ug/ml



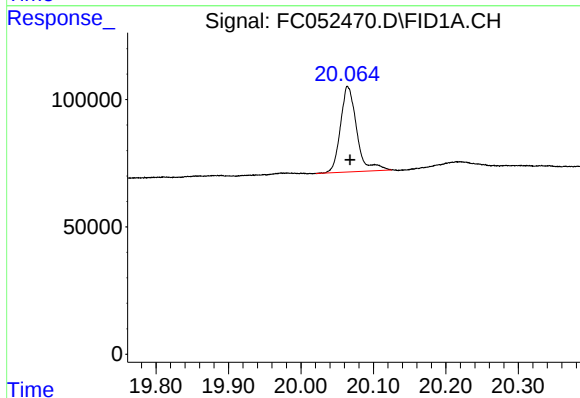
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: -0.002 min
Response: 542391
Conc: 5.90 ug/ml

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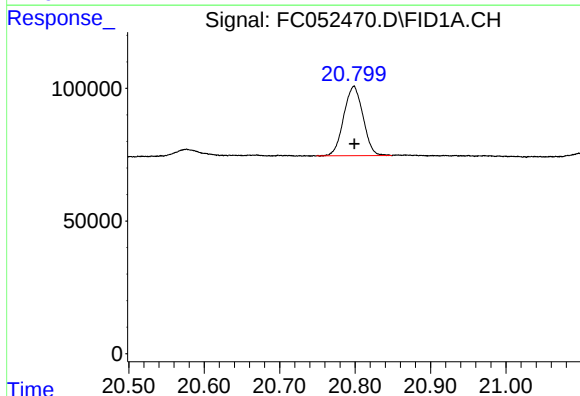
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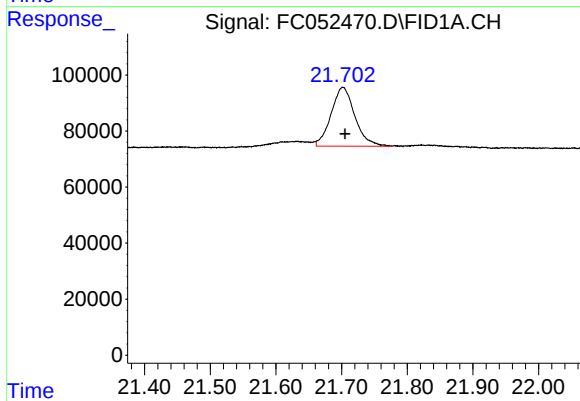
#20 n-Hexatriacontane (C36)

R.T.: 20.065 min
Delta R.T.: -0.003 min
Response: 522868
Conc: 5.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.798 min
Delta R.T.: 0.000 min
Response: 463937
Conc: 5.68 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.702 min
Delta R.T.: -0.003 min
Response: 527692
Conc: 6.13 ug/ml m