

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091020AL\
 Data File : FC049509.D
 Signal(s) : FID1A.CH
 Acq On : 10 Sep 2020 11:17
 Operator : DD\AJ
 Sample : PB131507BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB131507BSD

Manual Integrations
 APPROVED

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 9/11/2020 11:41:30 AM

Integration File: autoint1.e
 Quant Time: Sep 11 02:08:59 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 090820.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 09 05:58:47 2020
 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...	13.102	4448040	49.938 ug/ml
Spiked Amount 50.000		Recovery =	99.88%
Target Compounds			
1) T n-Nonane (C9)	3.405	4049726	39.146 ug/ml
2) T n-Decane (C10)	4.478	5162727	49.705 ug/ml
4) T n-Dodecane (C12)	6.503	6053020	57.263 ug/ml
6) T n-Tetradecane (C14)	8.302	6266857	59.404 ug/ml
7) T n-Hexadecane (C16)	9.905	6622025	63.631 ug/ml
8) T n-Octadecane (C18)	11.348	6946414	64.635 ug/ml
10) T n-Eicosane (C20)	12.658	6870699	64.164 ug/ml
11) T n-Heneicosane (C21)	13.269	6885279	64.701 ug/ml
13) T n-Docosane (C22)	13.856	6843252	64.667 ug/ml
14) T n-Tetracosane (C24)	14.958	6741132	64.421 ug/ml
15) T n-Hexacosane (C26)	15.978	6462302	63.215 ug/ml
16) T n-Octacosane (C28)	16.928	6392366	63.606 ug/ml
17) T n-Tricontane (C30)	17.814	6246360	64.154 ug/ml
18) T n-Dotriacontane (C32)	18.644	6067850	67.151 ug/ml
19) T n-Tetratriacontane (C34)	19.427	6006590	70.168 ug/ml
20) T n-Hexatriacontane (C36)	20.164	5898410	73.213 ug/ml
21) T n-Octatriacontane (C38)	20.914	5735260	75.758 ug/mlm
22) T n-Tetracontane (C40)	21.858	5852589	75.216 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB131507BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

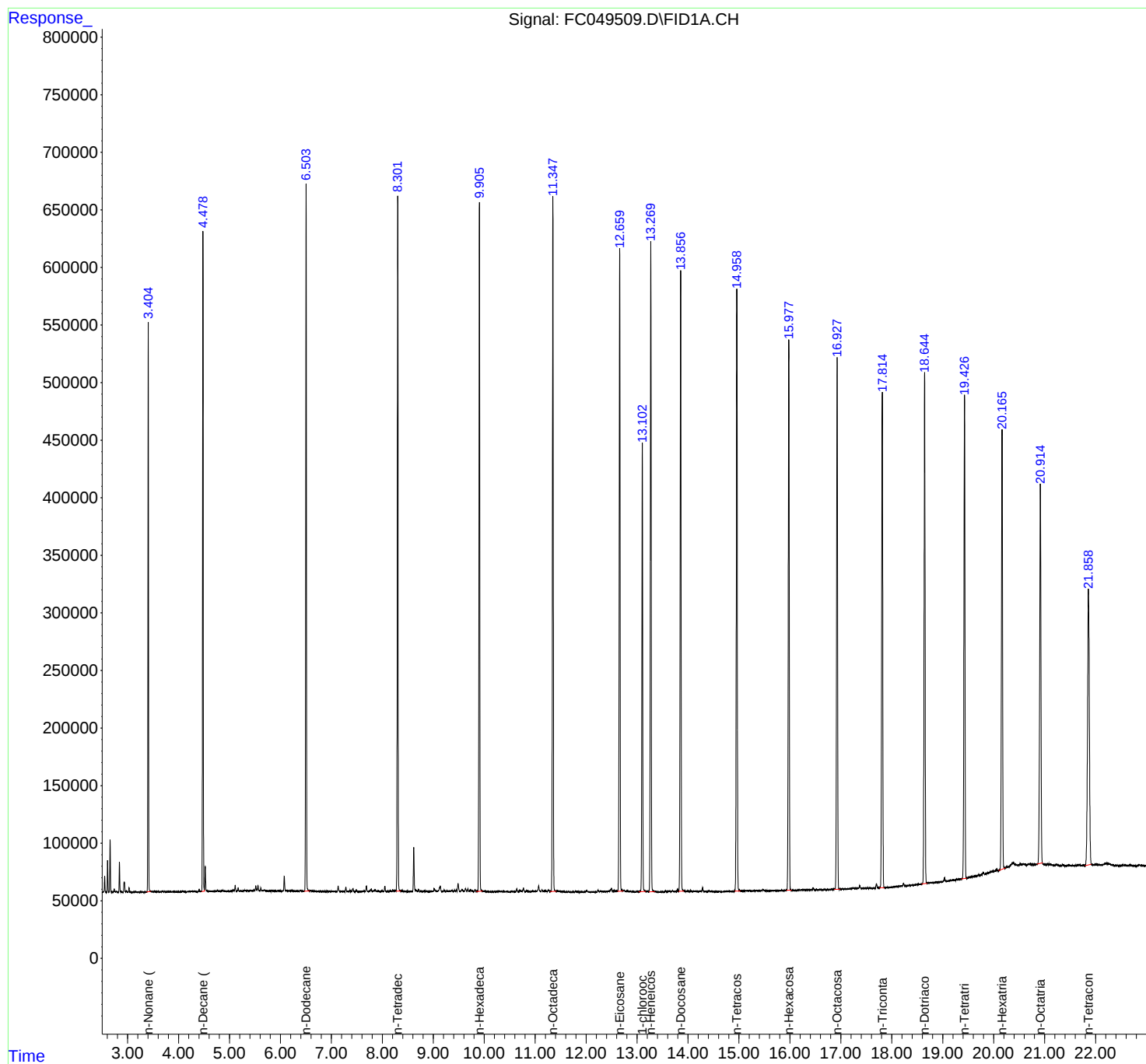
Instrument :
FID_C
ClientSampleId :
PB131507BSD

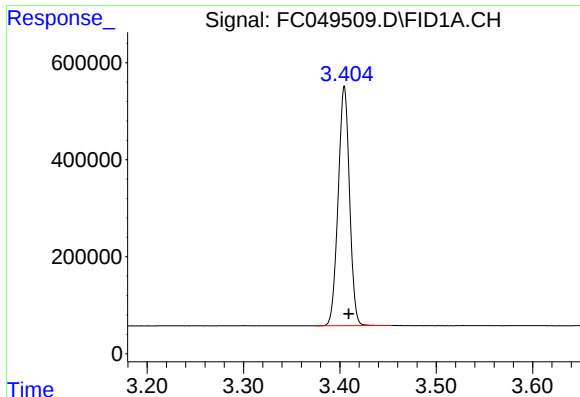
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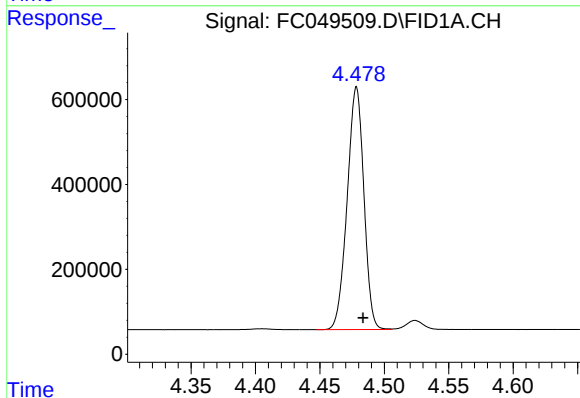
#1 n-Nonane (C9)

R.T.: 3.405 min
Delta R.T.: -0.004 min
Response: 4049726
Conc: 39.15 ug/ml

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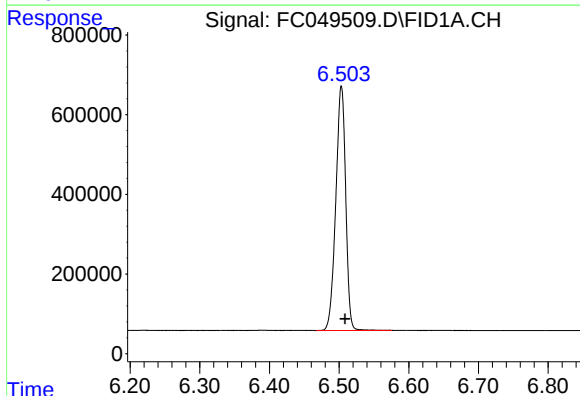
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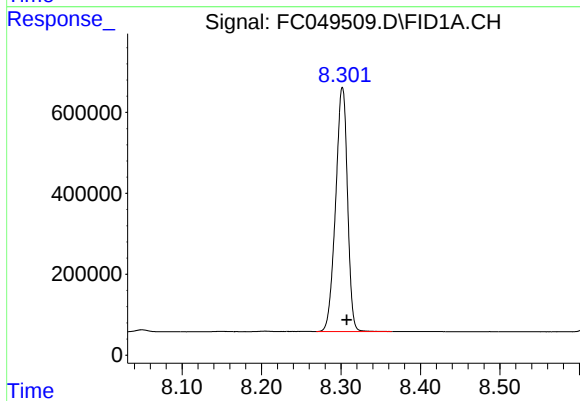
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: -0.005 min
Response: 5162727
Conc: 49.71 ug/ml



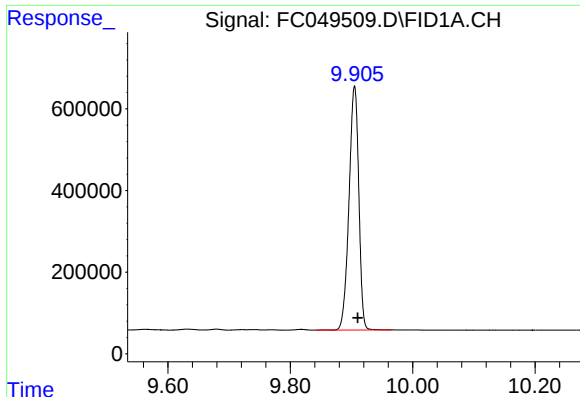
#4 n-Dodecane (C12)

R.T.: 6.503 min
Delta R.T.: -0.005 min
Response: 6053020
Conc: 57.26 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.302 min
Delta R.T.: -0.005 min
Response: 6266857
Conc: 59.40 ug/ml



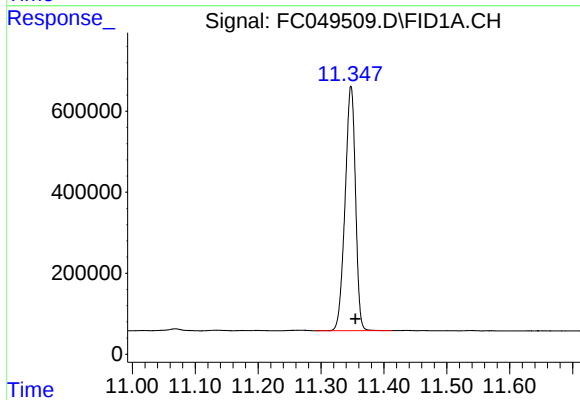
#7 n-Hexadecane (C16)

R.T.: 9.905 min
Delta R.T.: -0.005 min
Response: 6622025
Conc: 63.63 ug/ml

Instrument :
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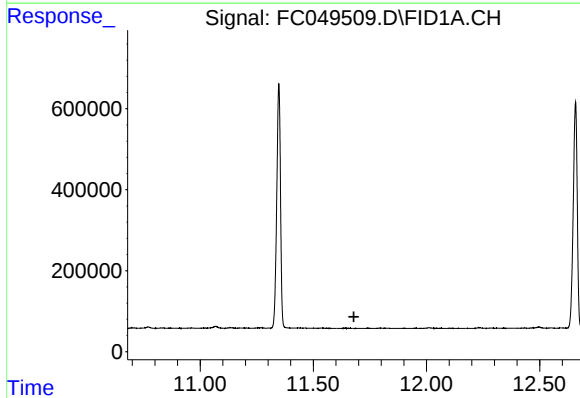
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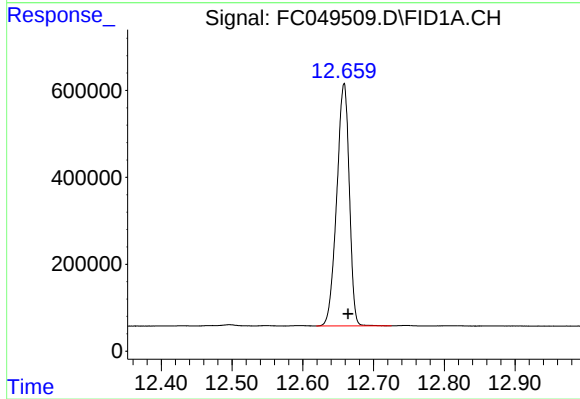
#8 n-Octadecane (C18)

R.T.: 11.348 min
Delta R.T.: -0.007 min
Response: 6946414
Conc: 64.64 ug/ml



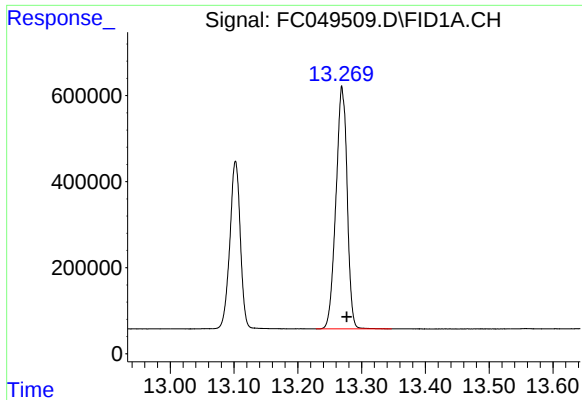
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.679 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.658 min
Delta R.T.: -0.005 min
Response: 6870699
Conc: 64.16 ug/ml



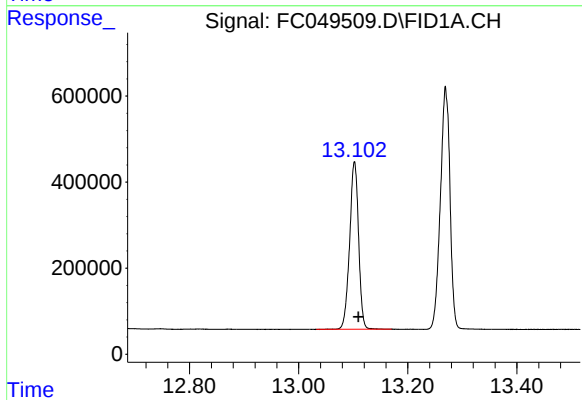
#11 n-Heneicosane (C21)

R.T.: 13.269 min
Delta R.T.: -0.007 min
Response: 6885279
Conc: 64.70 ug/ml

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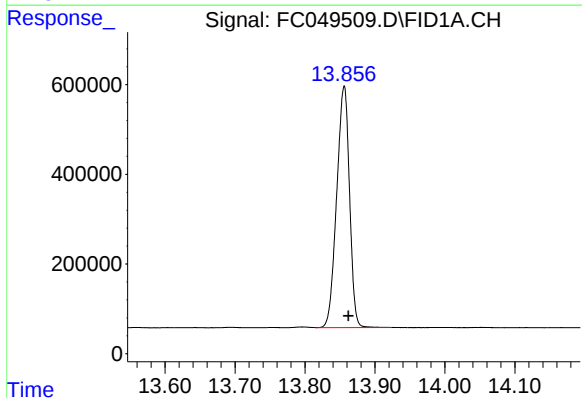
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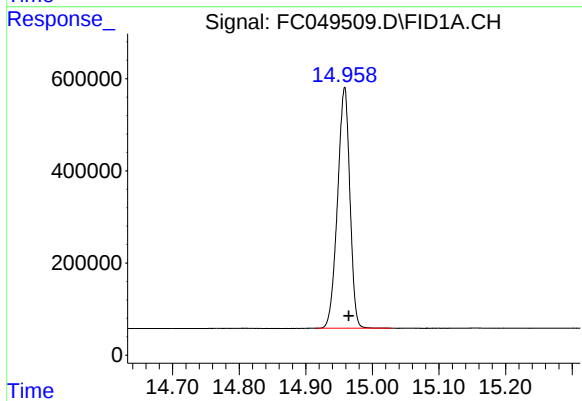
#12 1-chlorooctadecane (SURR)

R.T.: 13.102 min
Delta R.T.: -0.007 min
Response: 4448040
Conc: 49.94 ug/ml



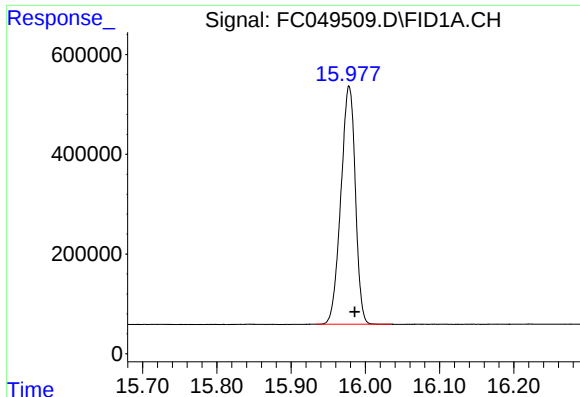
#13 n-Docosane (C22)

R.T.: 13.856 min
Delta R.T.: -0.006 min
Response: 6843252
Conc: 64.67 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.958 min
Delta R.T.: -0.006 min
Response: 6741132
Conc: 64.42 ug/ml



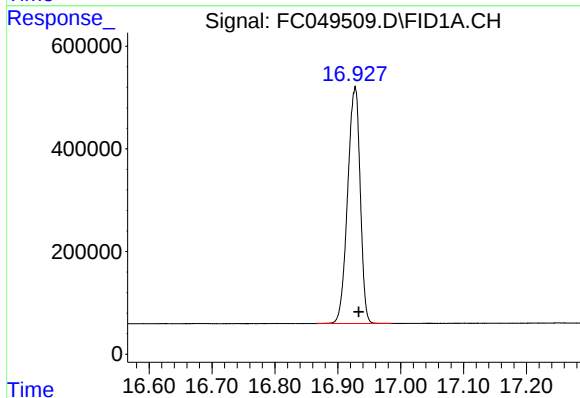
#15 n-Hexacosane (C26)

R.T.: 15.978 min
Delta R.T.: -0.007 min
Response: 6462302
Conc: 63.22 ug/ml

Instrument :
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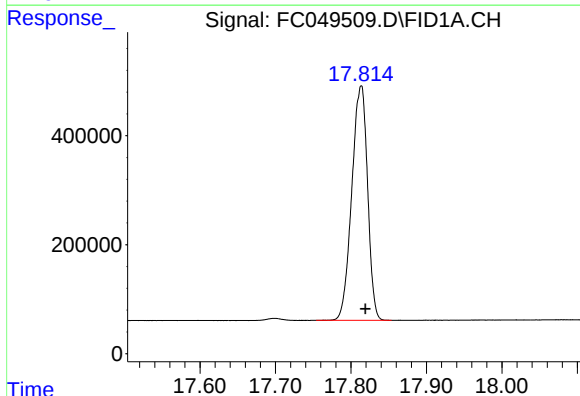
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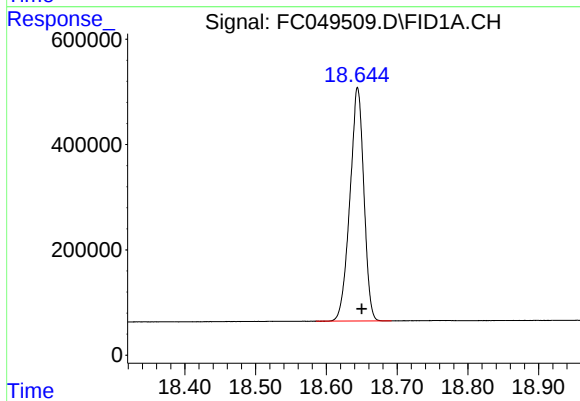
#16 n-Octacosane (C28)

R.T.: 16.928 min
Delta R.T.: -0.006 min
Response: 6392366
Conc: 63.61 ug/ml



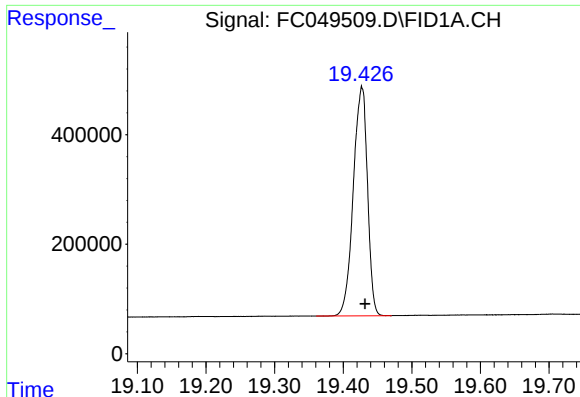
#17 n-Tricontane (C30)

R.T.: 17.814 min
Delta R.T.: -0.006 min
Response: 6246360
Conc: 64.15 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.644 min
Delta R.T.: -0.006 min
Response: 6067850
Conc: 67.15 ug/ml



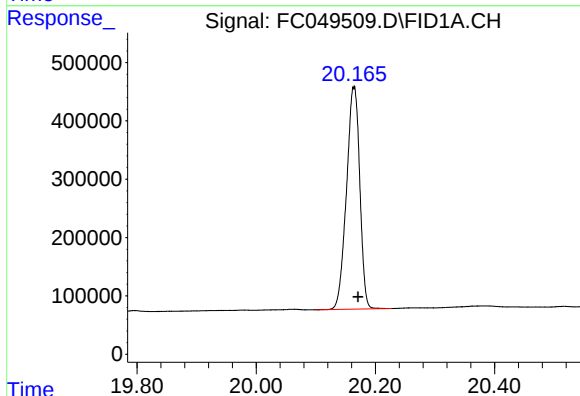
#19 n-Tetratriacontane (C34)

R.T.: 19.427 min
Delta R.T.: -0.005 min
Response: 6006590
Conc: 70.17 ug/ml

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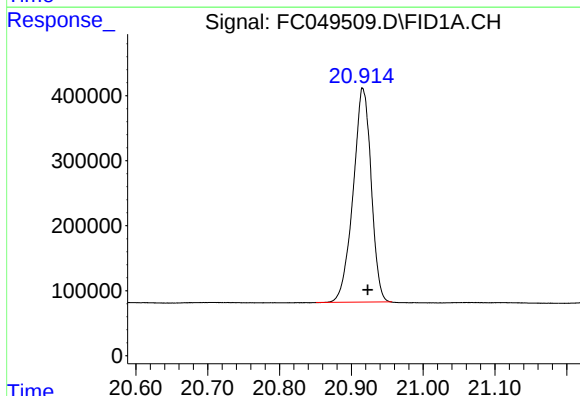
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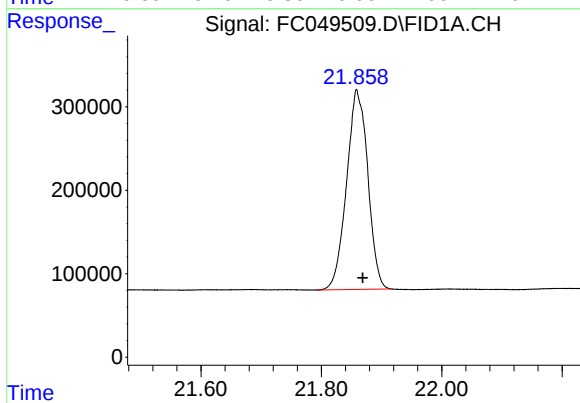
#20 n-Hexatriacontane (C36)

R.T.: 20.164 min
Delta R.T.: -0.007 min
Response: 5898410
Conc: 73.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.914 min
Delta R.T.: -0.009 min
Response: 5735260
Conc: 75.76 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.858 min
Delta R.T.: -0.011 min
Response: 5852589
Conc: 75.22 ug/ml m