

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050621AL\
 Data File : FC053543.D
 Signal(s) : FID1A.CH
 Acq On : 06 May 2021 20:18
 Operator : DD\AJ
 Sample : PB136165BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB136165BS

Manual Integrations
 APPROVED

Ankita
 5/10/2021 10:22:25 AM

Integration File: autoint1.e
 Quant Time: May 07 05:08:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050321.M
 Quant Title : GC Extractables
 QLast Update : Tue May 04 11:44:19 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...	12.977	4139447	37.114 ug/ml
Spiked Amount 50.000		Recovery =	74.23%
Target Compounds			
1) T n-Nonane (C9)	3.293	3134392	26.537 ug/ml
2) T n-Decane (C10)	4.358	3931291	33.199 ug/ml
4) T n-Dodecane (C12)	6.377	4759616	39.334 ug/ml
6) T n-Tetradecane (C14)	8.175	5069144	41.613 ug/ml
7) T n-Hexadecane (C16)	9.778	5626431	45.939 ug/ml
8) T n-Octadecane (C18)	11.222	6233462	47.864 ug/ml
10) T n-Eicosane (C20)	12.534	6206207	46.888 ug/ml
11) T n-Heneicosane (C21)	13.147	6206183	46.730 ug/ml
13) T n-Docosane (C22)	13.733	6139866	46.160 ug/ml
14) T n-Tetracosane (C24)	14.838	5867783	43.958 ug/ml
15) T n-Hexacosane (C26)	15.859	5577836	42.189 ug/ml
16) T n-Octacosane (C28)	16.810	5288696	40.401 ug/ml
17) T n-Tricontane (C30)	17.698	4959414	38.023 ug/ml
18) T n-Dotriacontane (C32)	18.531	4671247	37.021 ug/ml
19) T n-Tetratriacontane (C34)	19.313	4516287	37.067 ug/mlm
20) T n-Hexatriacontane (C36)	20.054	4295433	36.739 ug/mlm
21) T n-Octatriacontane (C38)	20.786	4188289	40.713 ug/ml
22) T n-Tetracontane (C40)	21.683	4246873	42.620 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 15 Sample Multiplier: 1

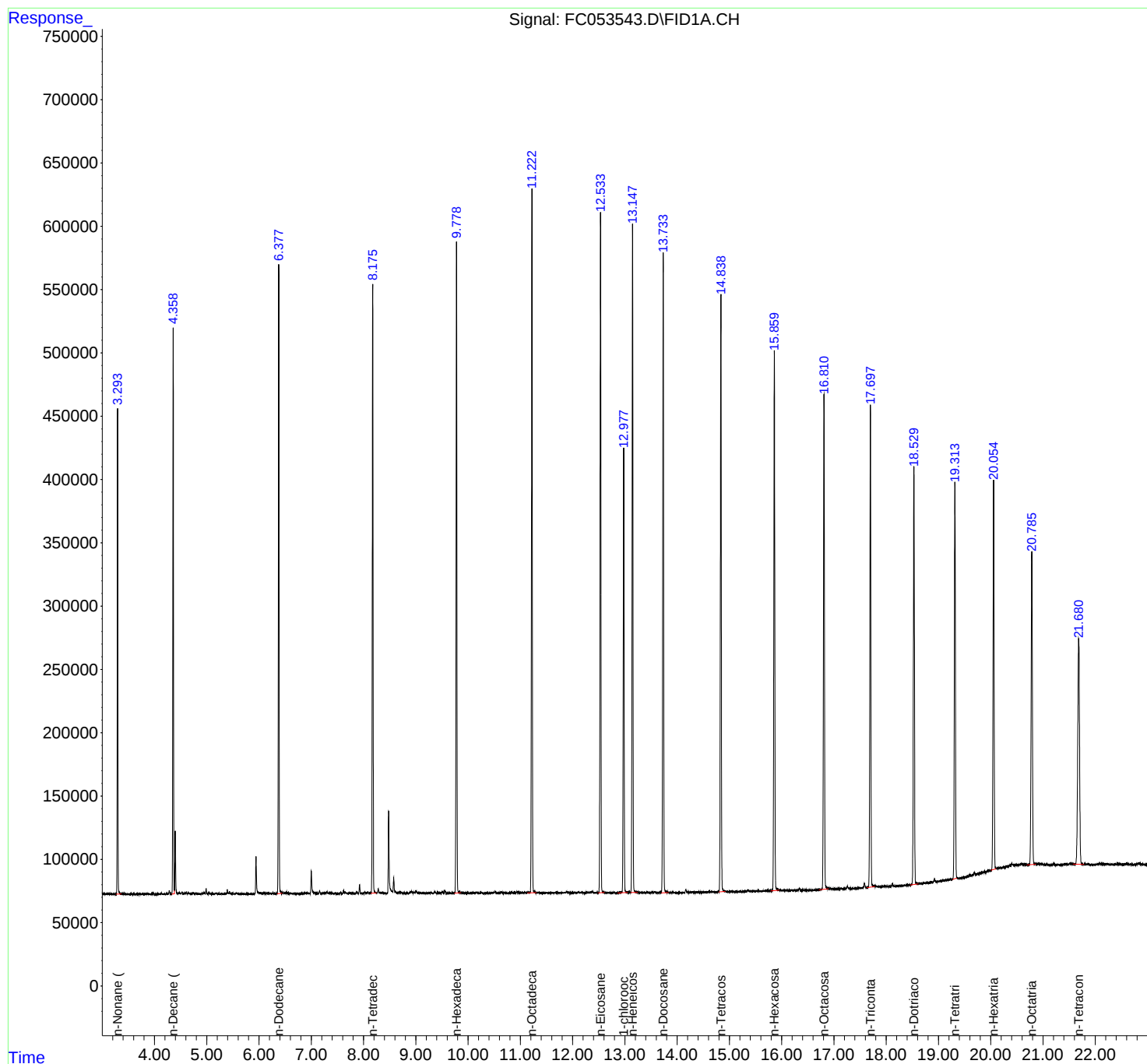
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PB136165BS

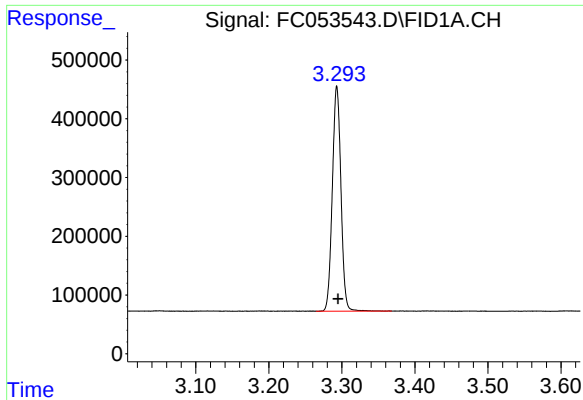
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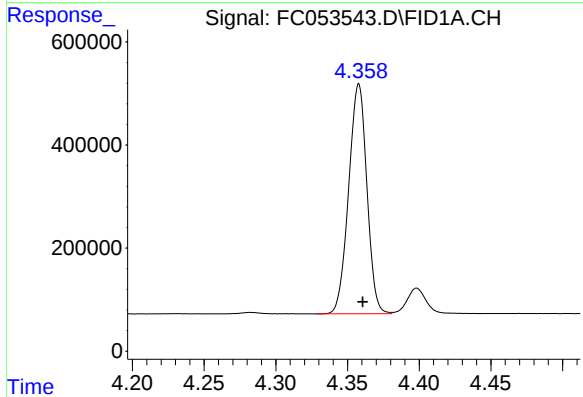
#1 n-Nonane (C9)

R.T.: 3.293 min
Delta R.T.: -0.002 min
Response: 3134392
Conc: 26.54 ug/ml

Instrument :
FID_C
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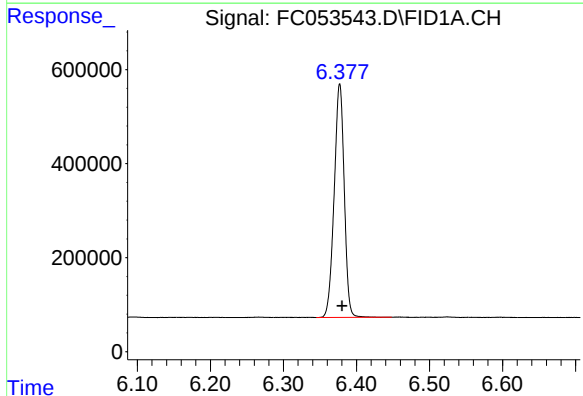
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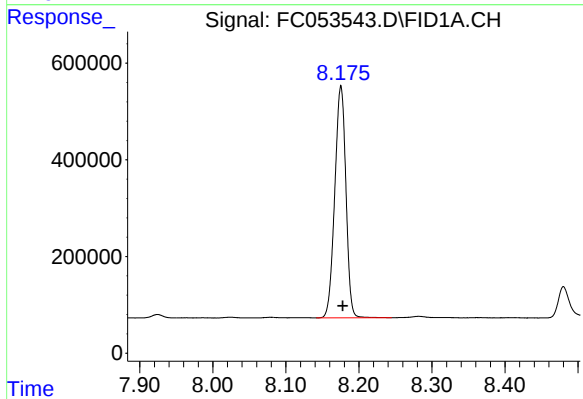
#2 n-Decane (C10)

R.T.: 4.358 min
Delta R.T.: -0.003 min
Response: 3931291
Conc: 33.20 ug/ml



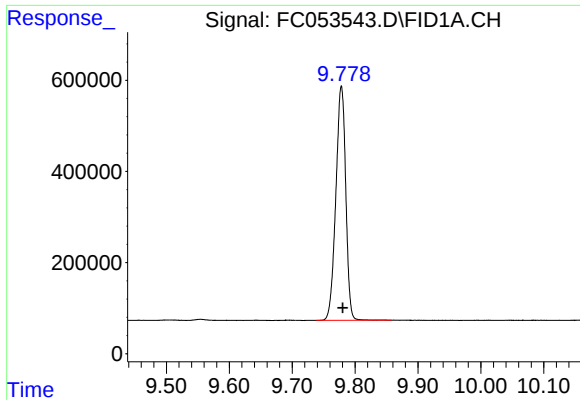
#4 n-Dodecane (C12)

R.T.: 6.377 min
Delta R.T.: -0.003 min
Response: 4759616
Conc: 39.33 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: -0.003 min
Response: 5069144
Conc: 41.61 ug/ml



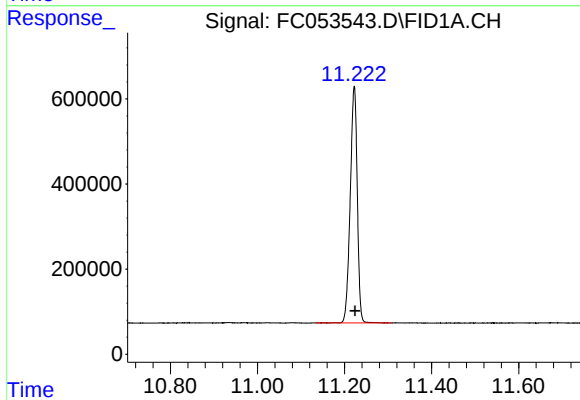
#7 n-Hexadecane (C16)

R.T.: 9.778 min
Delta R.T.: -0.002 min
Response: 5626431
Conc: 45.94 ug/ml

Instrument :
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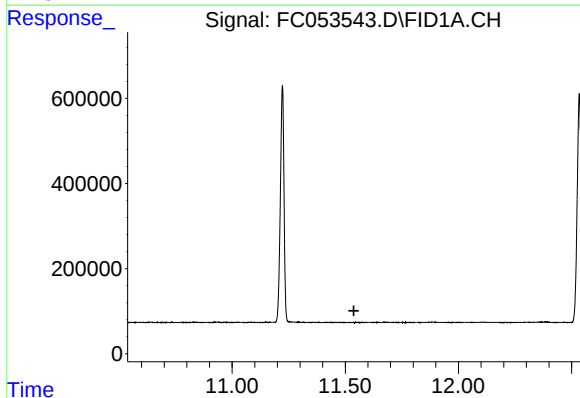
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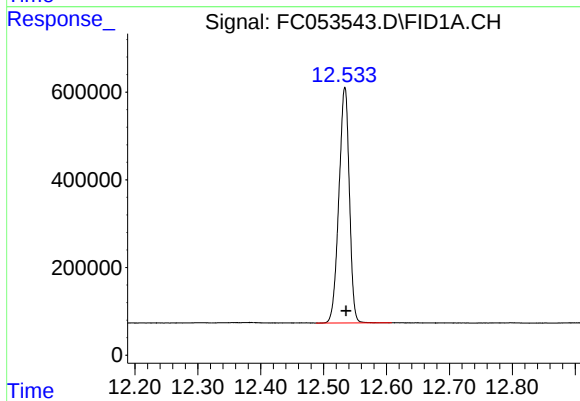
#8 n-Octadecane (C18)

R.T.: 11.222 min
Delta R.T.: -0.002 min
Response: 6233462
Conc: 47.86 ug/ml



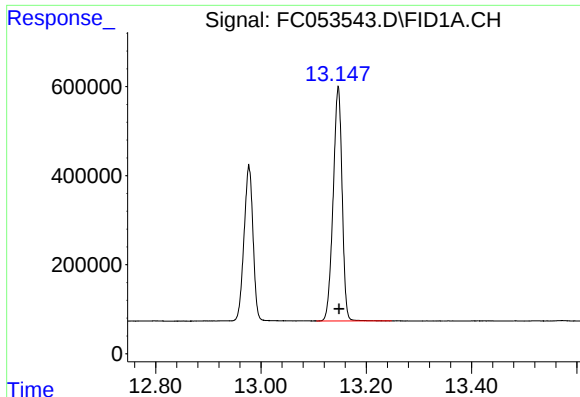
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.538 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.534 min
Delta R.T.: -0.002 min
Response: 6206207
Conc: 46.89 ug/ml



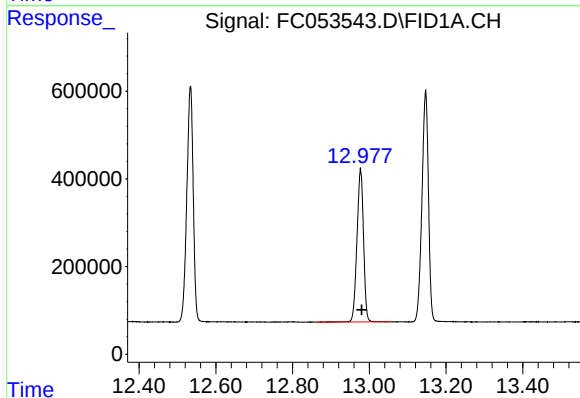
#11 n-Heneicosane (C21)

R.T.: 13.147 min
Delta R.T.: -0.002 min
Response: 6206183
Conc: 46.73 ug/ml

Instrument :
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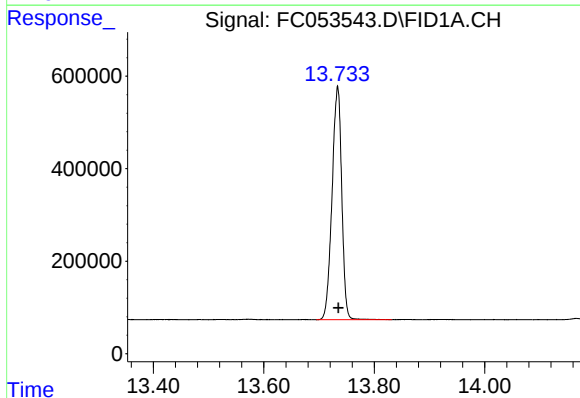
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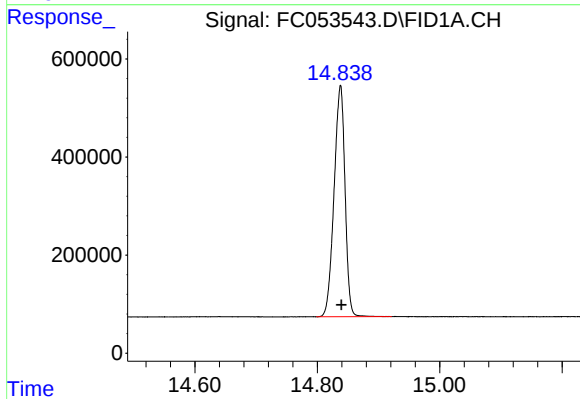
#12 1-chlorooctadecane (SURR)

R.T.: 12.977 min
Delta R.T.: -0.003 min
Response: 4139447
Conc: 37.11 ug/ml



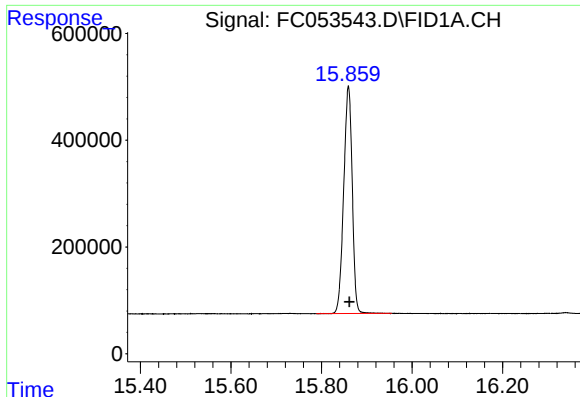
#13 n-Docosane (C22)

R.T.: 13.733 min
Delta R.T.: -0.001 min
Response: 6139866
Conc: 46.16 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.838 min
Delta R.T.: -0.002 min
Response: 5867783
Conc: 43.96 ug/ml



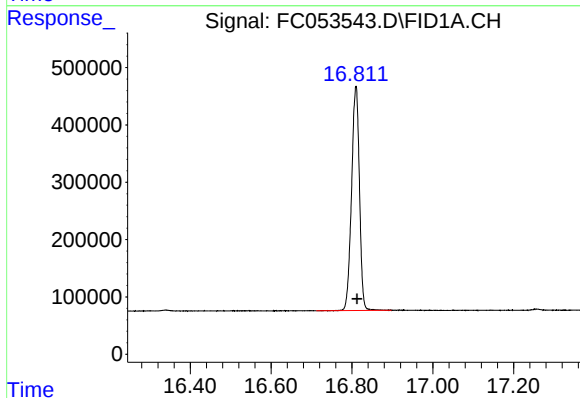
#15 n-Hexacosane (C26)

R.T.: 15.859 min
Delta R.T.: -0.002 min
Response: 5577836
Conc: 42.19 ug/ml

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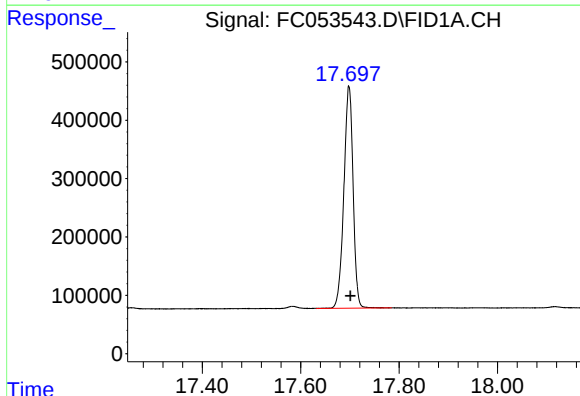
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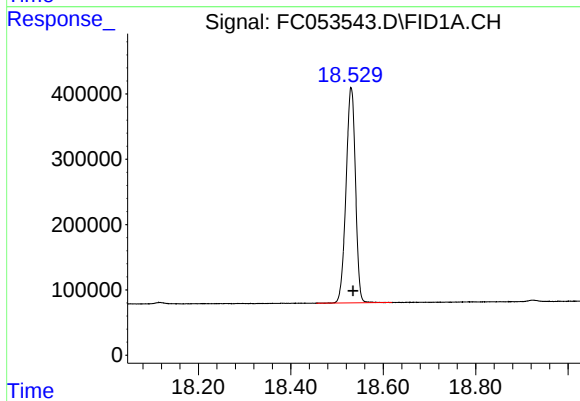
#16 n-Octacosane (C28)

R.T.: 16.810 min
Delta R.T.: -0.003 min
Response: 5288696
Conc: 40.40 ug/ml



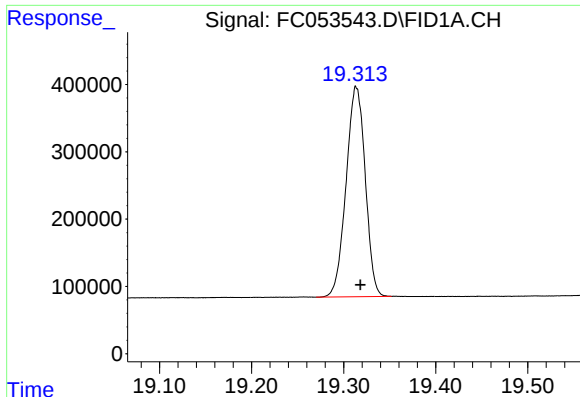
#17 n-Tricontane (C30)

R.T.: 17.698 min
Delta R.T.: -0.003 min
Response: 4959414
Conc: 38.02 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.531 min
Delta R.T.: -0.004 min
Response: 4671247
Conc: 37.02 ug/ml



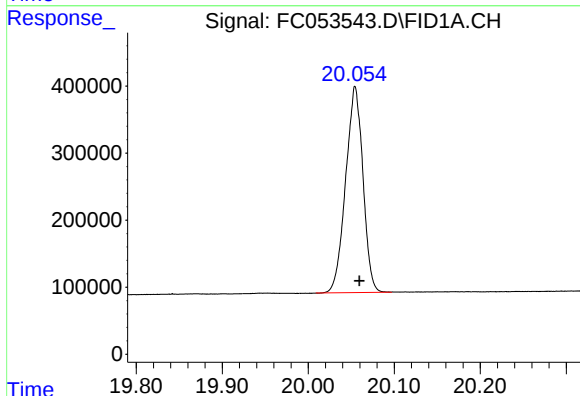
#19 n-Tetratriacontane (C34)

R.T.: 19.313 min
Delta R.T.: -0.006 min
Response: 4516287
Conc: 37.07 ug/ml m

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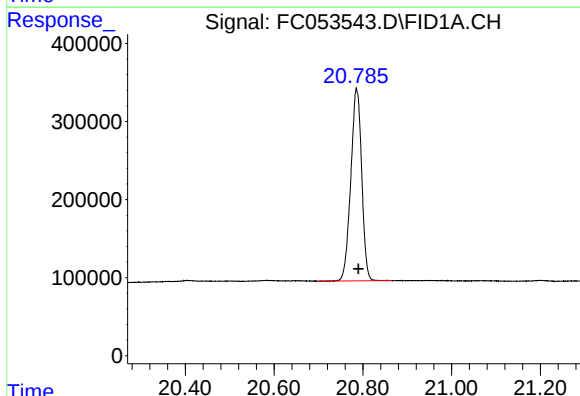
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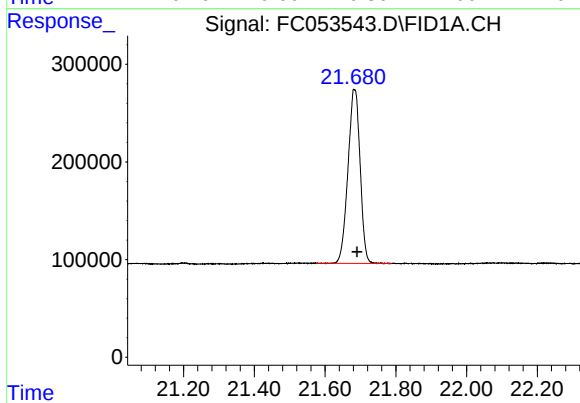
#20 n-Hexatriacontane (C36)

R.T.: 20.054 min
Delta R.T.: -0.006 min
Response: 4295433
Conc: 36.74 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.786 min
Delta R.T.: -0.004 min
Response: 4188289
Conc: 40.71 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.683 min
Delta R.T.: -0.007 min
Response: 4246873
Conc: 42.62 ug/ml