

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081721AL\
 Data File : FC055237.D
 Signal(s) : FID1A.CH
 Acq On : 17 Aug 2021 19:19
 Operator : AJ\MA
 Sample : M3431-04MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 4MSD

Manual Integrations
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Integration File: sample.E
 Quant Time: Aug 18 05:42:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:08:31 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...	12.745	3046525	30.740 ug/ml
Spiked Amount 50.000		Recovery =	61.48%
Target Compounds			
1) T n-Nonane (C9)	3.143	2681857	25.647 ug/ml
2) T n-Decane (C10)	4.192	3288273	31.226 ug/ml
4) T n-Dodecane (C12)	6.192	4230410	38.957 ug/ml
6) T n-Tetradecane (C14)	7.976	4936585	44.220 ug/ml
7) T n-Hexadecane (C16)	9.569	5338186	46.804 ug/ml
8) T n-Octadecane (C18)	11.003	5630983	47.751 ug/ml
10) T n-Eicosane (C20)	12.306	5381904	45.841 ug/ml
11) T n-Heneicosane (C21)	12.916	5322527	45.077 ug/ml
13) T n-Docosane (C22)	13.499	5195871	44.487 ug/ml
14) T n-Tetracosane (C24)	14.597	4971138	42.947 ug/ml
15) T n-Hexacosane (C26)	15.614	4775586	42.612 ug/ml
16) T n-Octacosane (C28)	16.561	4613174	42.489 ug/ml
17) T n-Tricontane (C30)	17.445	4494082	43.043 ug/ml
18) T n-Dotriacontane (C32)	18.276	4273890	43.156 ug/ml
19) T n-Tetratriacontane (C34)	19.056	4041777	42.644 ug/ml
20) T n-Hexatriacontane (C36)	19.792	3782157	41.854 ug/mlm
21) T n-Octatriacontane (C38)	20.495	3555630	41.151 ug/ml
22) T n-Tetracontane (C40)	21.300	3864219	43.392 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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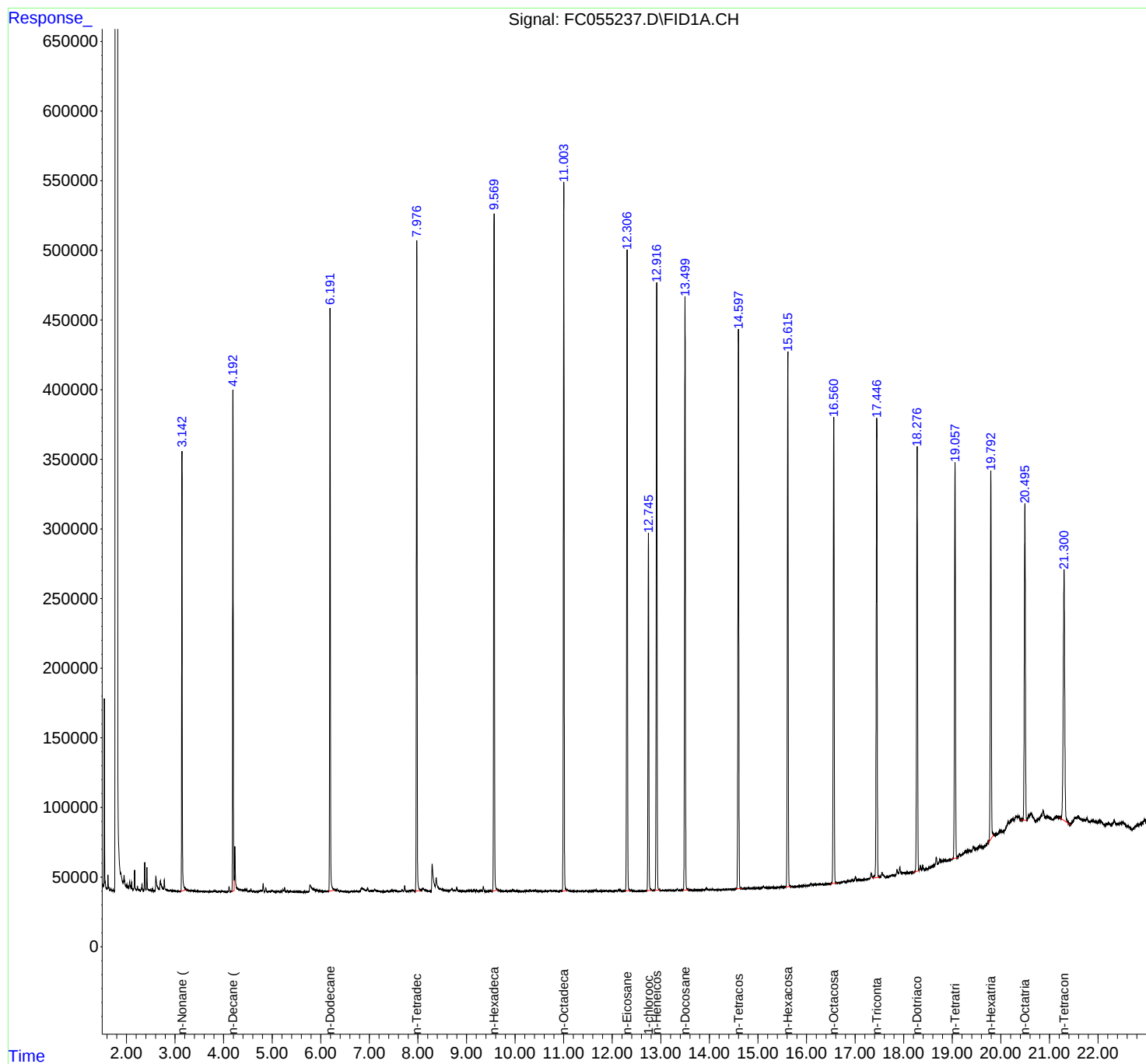
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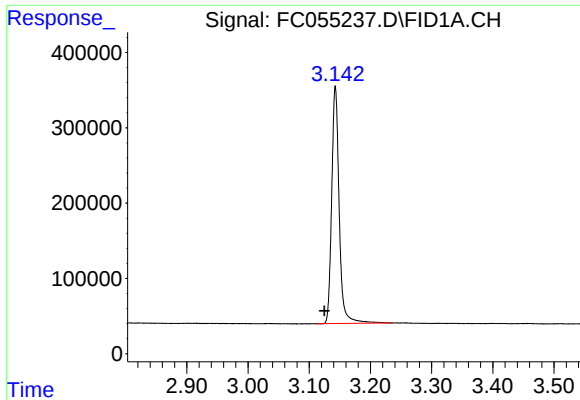
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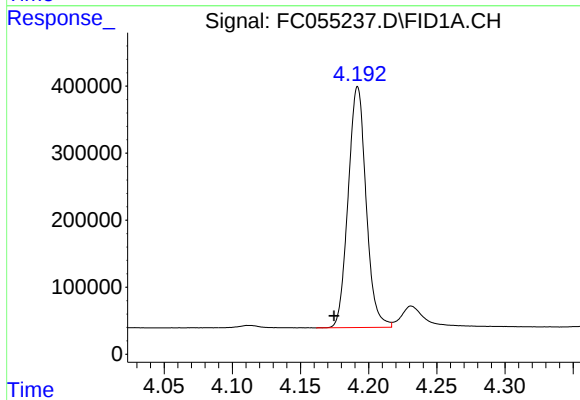
#1 n-Nonane (C9)

R.T.: 3.143 min
Delta R.T.: 0.018 min
Response: 2681857
Conc: 25.65 ug/ml

Instrument :
FID_C
ClientSampleId :
4MSD

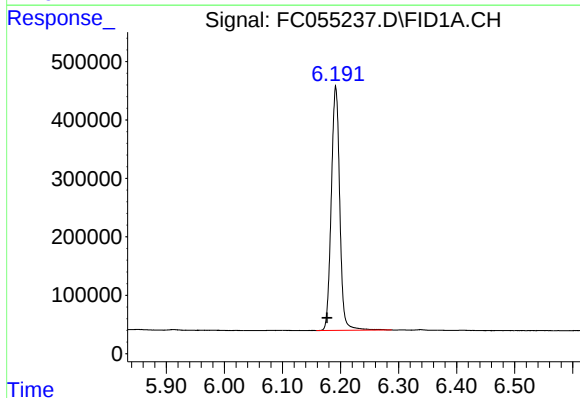
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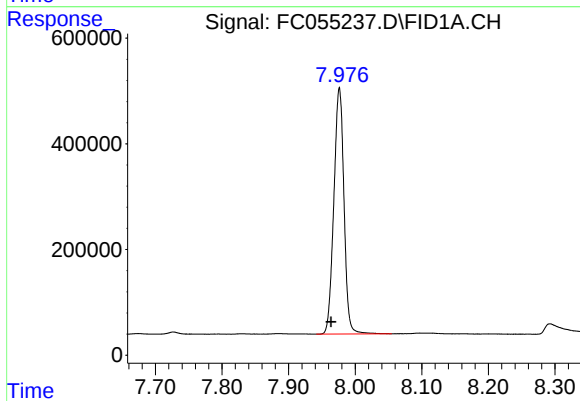
#2 n-Decane (C10)

R.T.: 4.192 min
Delta R.T.: 0.017 min
Response: 3288273
Conc: 31.23 ug/ml



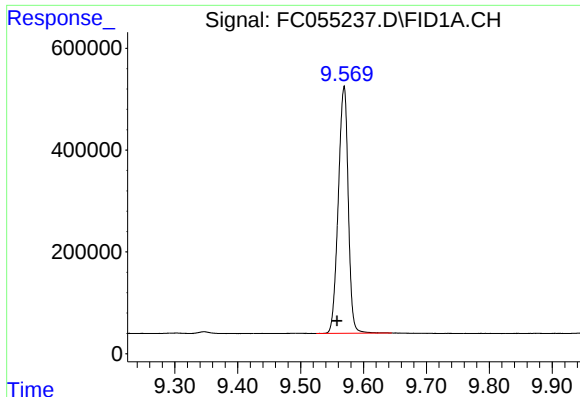
#4 n-Dodecane (C12)

R.T.: 6.192 min
Delta R.T.: 0.015 min
Response: 4230410
Conc: 38.96 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.976 min
Delta R.T.: 0.012 min
Response: 4936585
Conc: 44.22 ug/ml



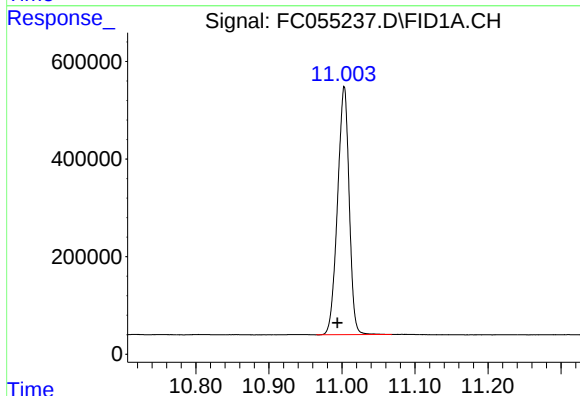
#7 n-Hexadecane (C16)

R.T.: 9.569 min
Delta R.T.: 0.011 min
Response: 5338186
Conc: 46.80 ug/ml

Instrument :
FID_C
ClientSampleId :
4MSD

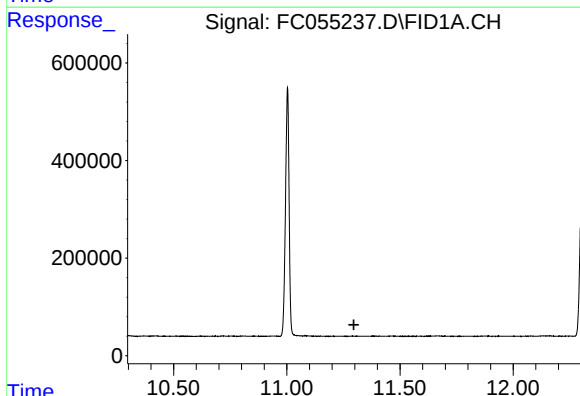
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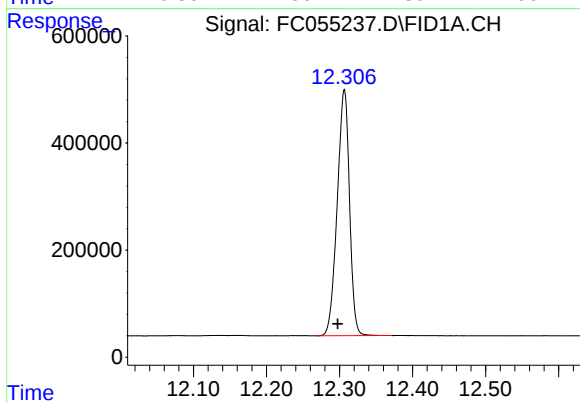
#8 n-Octadecane (C18)

R.T.: 11.003 min
Delta R.T.: 0.009 min
Response: 5630983
Conc: 47.75 ug/ml



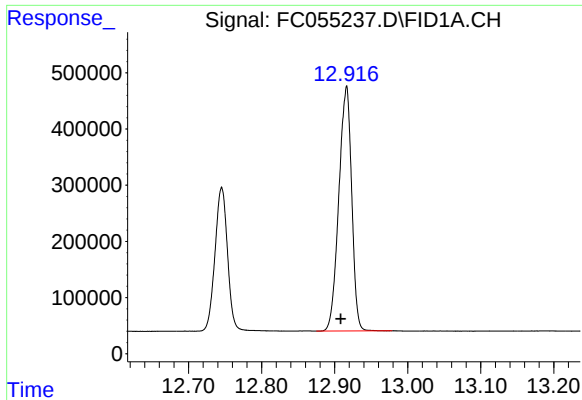
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.296 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.306 min
Delta R.T.: 0.009 min
Response: 5381904
Conc: 45.84 ug/ml



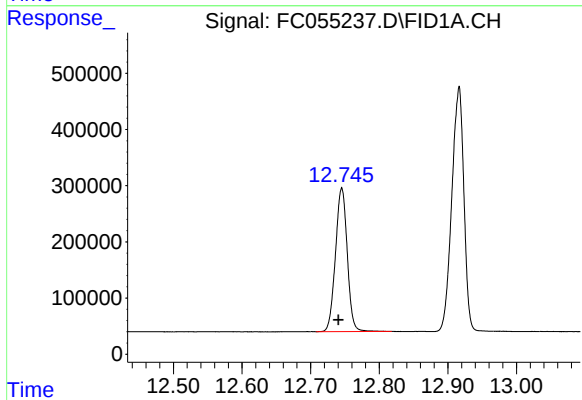
#11 n-Heneicosane (C21)

R.T.: 12.916 min
Delta R.T.: 0.008 min
Response: 5322527
Conc: 45.08 ug/ml

Instrument :
FID_C
ClientSampleId :
4MSD

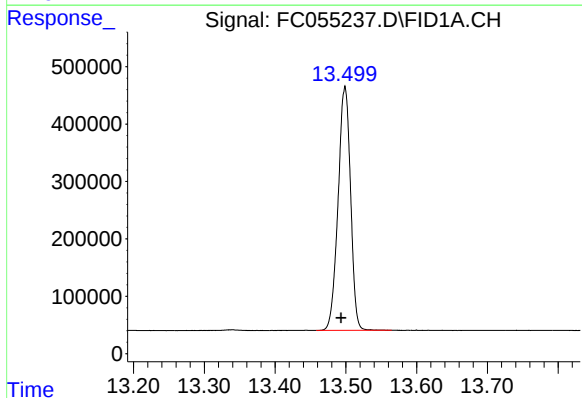
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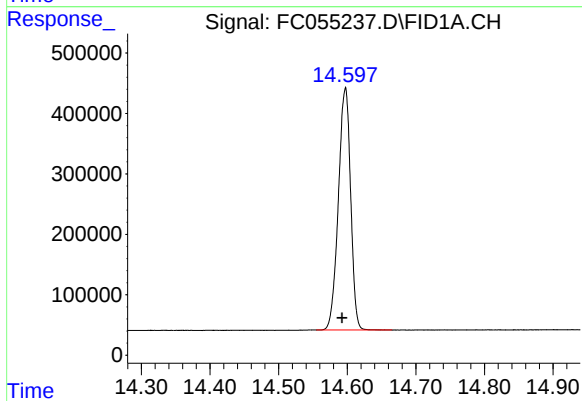
#12 1-chlorooctadecane (SURR)

R.T.: 12.745 min
Delta R.T.: 0.005 min
Response: 3046525
Conc: 30.74 ug/ml



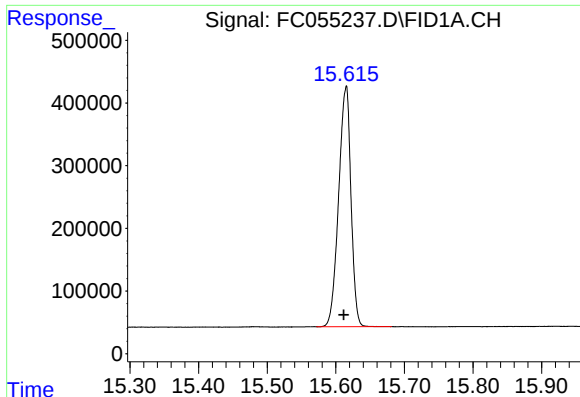
#13 n-Docosane (C22)

R.T.: 13.499 min
Delta R.T.: 0.006 min
Response: 5195871
Conc: 44.49 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.597 min
Delta R.T.: 0.005 min
Response: 4971138
Conc: 42.95 ug/ml



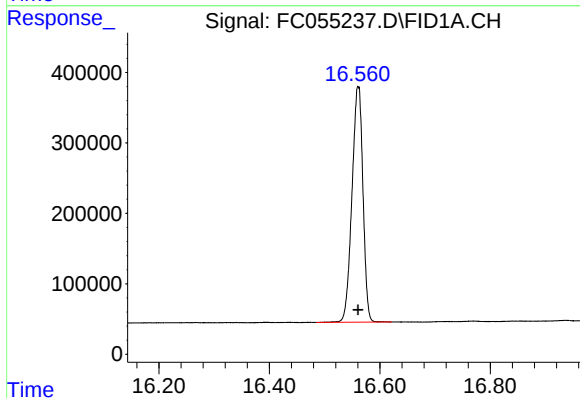
#15 n-Hexacosane (C26)

R.T.: 15.614 min
Delta R.T.: 0.003 min
Response: 4775586
Conc: 42.61 ug/ml

Instrument :
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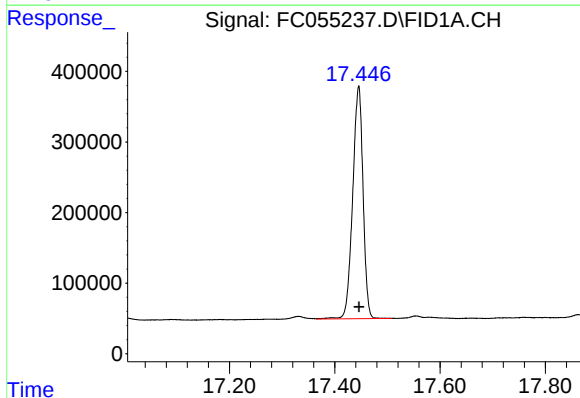
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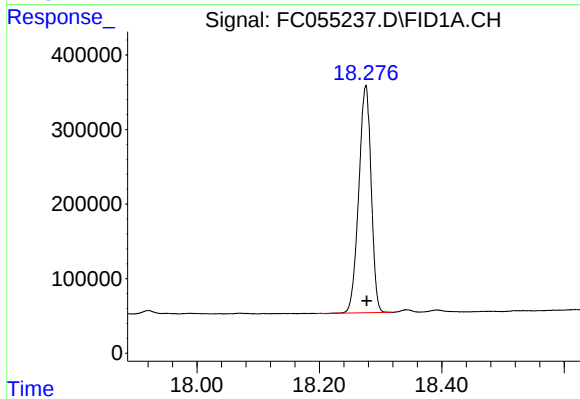
#16 n-Octacosane (C28)

R.T.: 16.561 min
Delta R.T.: 0.000 min
Response: 4613174
Conc: 42.49 ug/ml



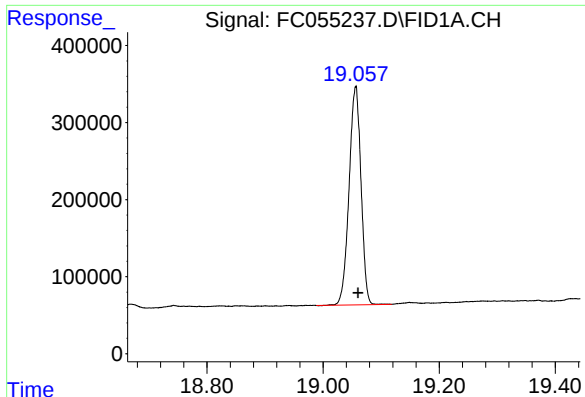
#17 n-Tricontane (C30)

R.T.: 17.445 min
Delta R.T.: -0.001 min
Response: 4494082
Conc: 43.04 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.276 min
Delta R.T.: -0.002 min
Response: 4273890
Conc: 43.16 ug/ml



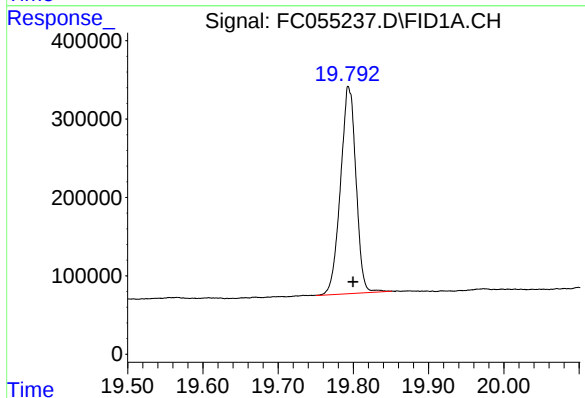
#19 n-Tetratriacontane (C34)

R.T.: 19.056 min
Delta R.T.: -0.005 min
Response: 4041777
Conc: 42.64 ug/ml

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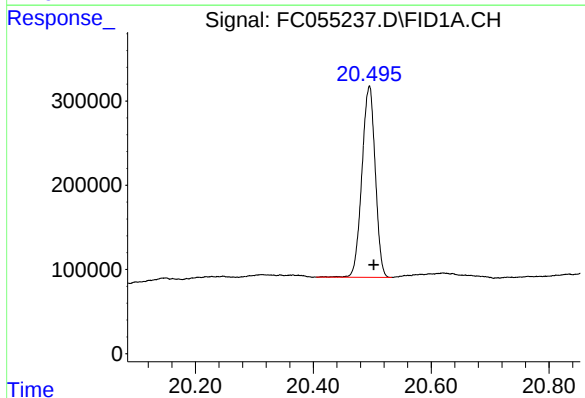
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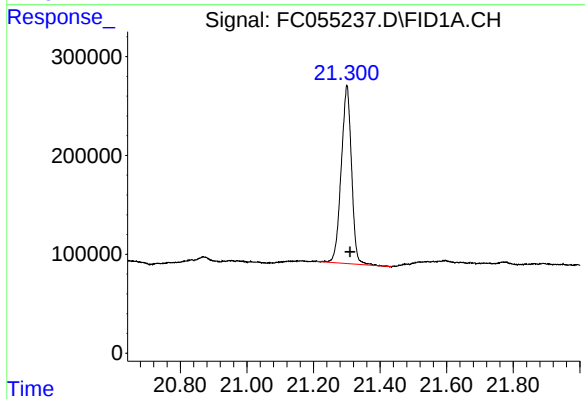
#20 n-Hexatriacontane (C36)

R.T.: 19.792 min
Delta R.T.: -0.007 min
Response: 3782157
Conc: 41.85 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.495 min
Delta R.T.: -0.008 min
Response: 3555630
Conc: 41.15 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.300 min
Delta R.T.: -0.010 min
Response: 3864219
Conc: 43.39 ug/ml