

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101419AL\
 Data File : FC043955.D
 Signal(s) : FID1A.CH
 Acq On : 14 Oct 2019 12:13
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
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 10/15/2019 11:35:24 AM

Integration File: autoint1.e
 Quant Time: Oct 14 16:55:03 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 12 00:05:39 2019
 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			
9) S ortho-Terphenyl (SURR)	11.571	3099416	20.420 ug/ml
Spiked Amount 50.000		Recovery =	40.84%
12) S 1-chlorooctadecane (S...	12.991	2352200	19.840 ug/ml
Spiked Amount 50.000		Recovery =	39.68%
Target Compounds			
1) T n-Nonane (C9)	3.422	2848357	23.559 ug/ml
2) T n-Decane (C10)	4.475	2925629	24.171 ug/ml
3) T A~Naphthalene (C11.7)	6.055	2771198	23.538 ug/ml
4) T n-Dodecane (C12)	6.467	3048024	24.099 ug/ml
5) T A~2-methylnaphthalene...	7.099	2818799	23.392 ug/ml
6) T n-Tetradecane (C14)	8.240	3051216	23.704 ug/ml
7) T n-Hexadecane (C16)	9.823	3021582	22.948 ug/ml
8) T n-Octadecane (C18)	11.250	2965984	21.746 ug/ml
10) T n-Eicosane (C20)	12.548	2868095	20.549 ug/ml
11) T n-Heneicosane (C21)	13.155	2841040	19.991 ug/ml
13) T n-Docosane (C22)	13.736	2769212	19.489 ug/ml
14) T n-Tetracosane (C24)	14.832	2685380	18.706 ug/ml
15) T n-Hexacosane (C26)	15.845	2625178	18.358 ug/ml
16) T n-Octacosane (C28)	16.788	2612440	18.429 ug/ml
17) T n-Tricontane (C30)	17.670	2650813	18.901 ug/ml
18) T n-Dotriacontane (C32)	18.498	2602238	19.590 ug/ml
19) T n-Tetratriacontane (C34)	19.278	2551123	20.418 ug/ml
20) T n-Hexatriacontane (C36)	20.013	2507296	21.692 ug/ml
21) T n-Octatriacontane (C38)	20.735	2335859	21.947 ug/ml
22) T n-Tetracontane (C40)	21.614	2462236	23.549 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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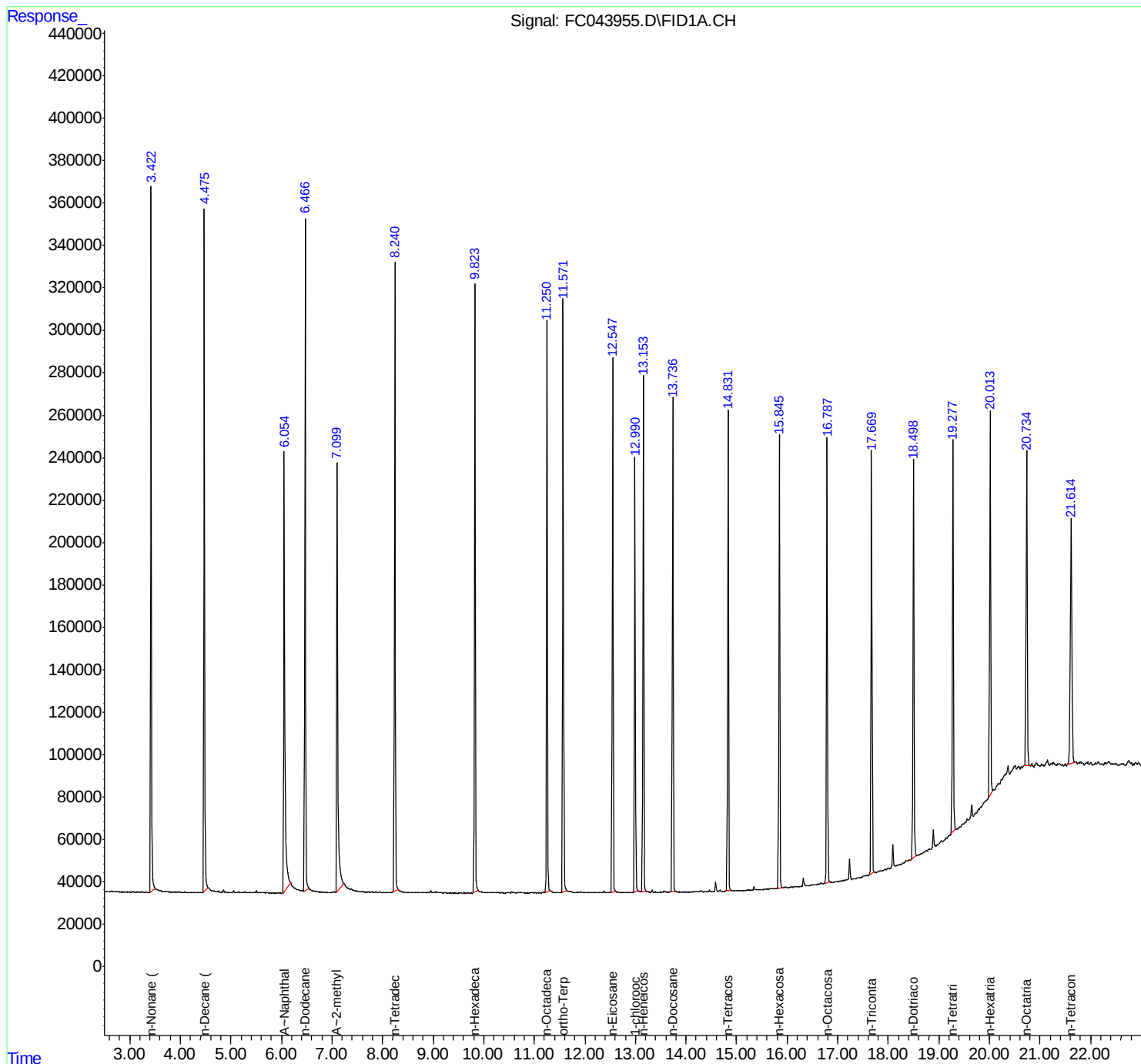
Instrument :
FID_C
ClientSampleId :

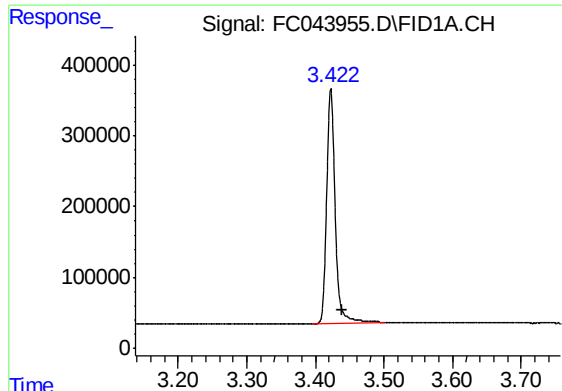
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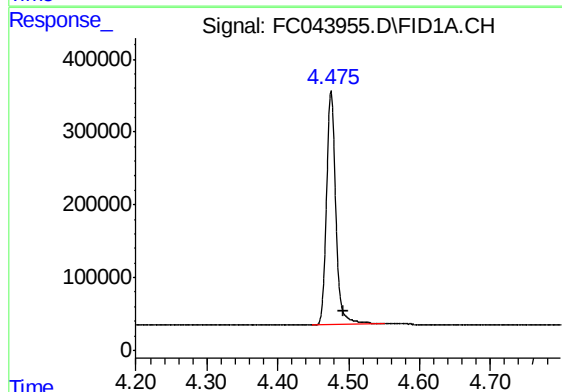
#1 n-Nonane (C9)

R.T.: 3.422 min
Delta R.T.: -0.017 min
Response: 2848357
Conc: 23.56 ug/ml

Instrument :
FID_C
ClientSampleId :

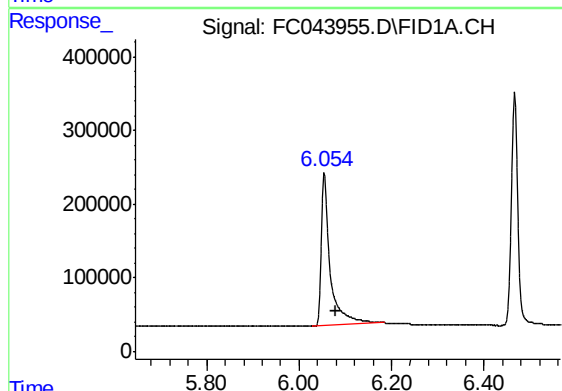
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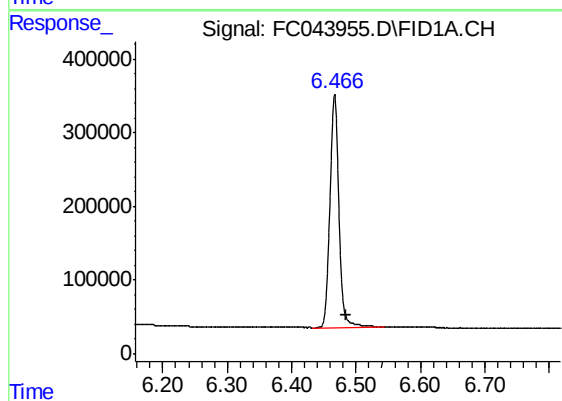
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: -0.017 min
Response: 2925629
Conc: 24.17 ug/ml



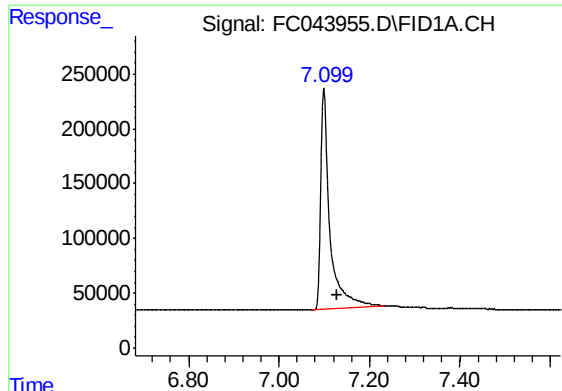
#3 A~Naphthalene (C11.7)

R.T.: 6.055 min
Delta R.T.: -0.026 min
Response: 2771198
Conc: 23.54 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.467 min
Delta R.T.: -0.018 min
Response: 3048024
Conc: 24.10 ug/ml



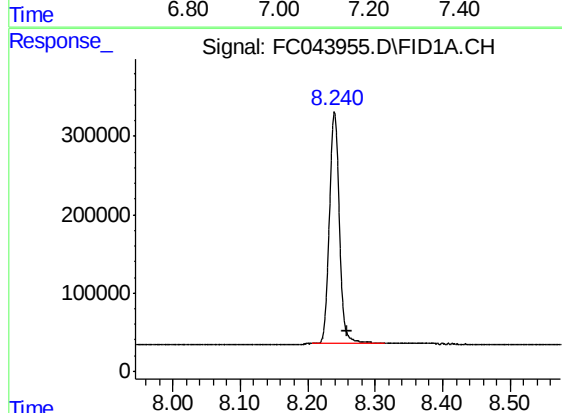
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.099 min
Delta R.T.: -0.028 min
Response: 2818799
Conc: 23.39 ug/ml

Instrument :
FID_C
ClientSampleId :

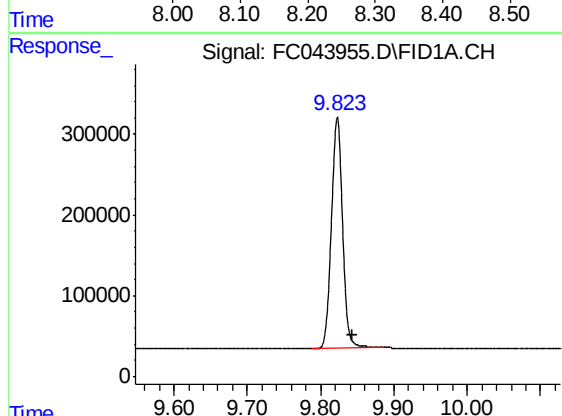
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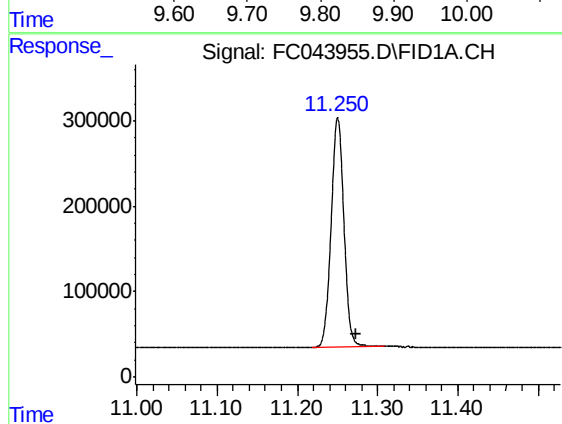
#6 n-Tetradecane (C14)

R.T.: 8.240 min
Delta R.T.: -0.020 min
Response: 3051216
Conc: 23.70 ug/ml



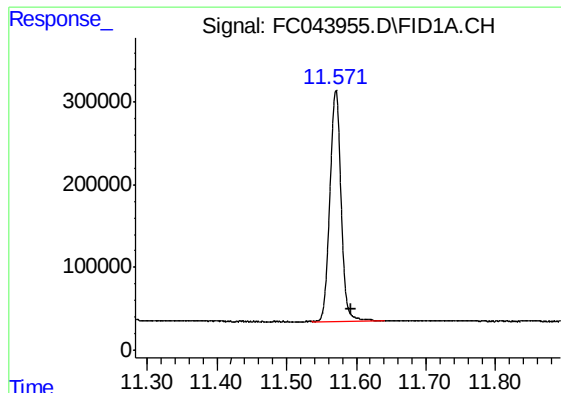
#7 n-Hexadecane (C16)

R.T.: 9.823 min
Delta R.T.: -0.021 min
Response: 3021582
Conc: 22.95 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.250 min
Delta R.T.: -0.023 min
Response: 2965984
Conc: 21.75 ug/ml



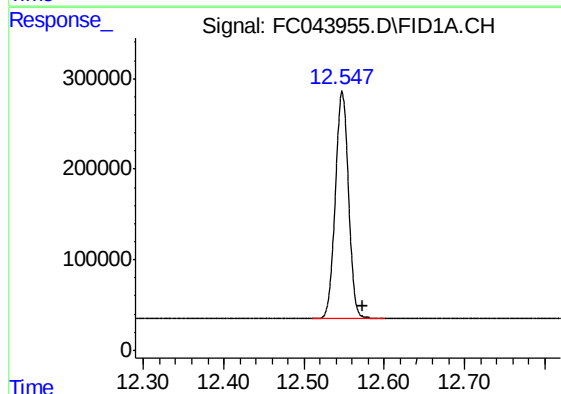
#9 ortho-Terphenyl (SURR)

R.T.: 11.571 min
Delta R.T.: -0.022 min
Response: 3099416
Conc: 20.42 ug/ml

Instrument :
FID_C
ClientSampleId :

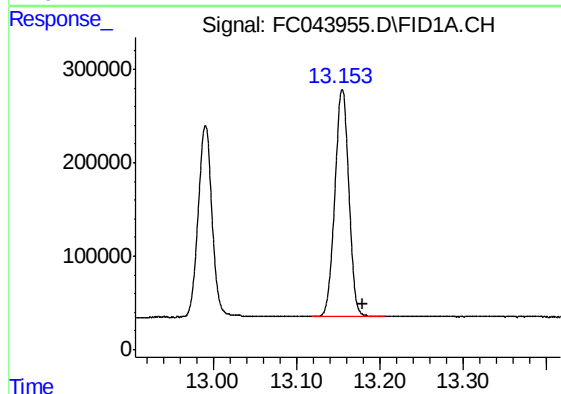
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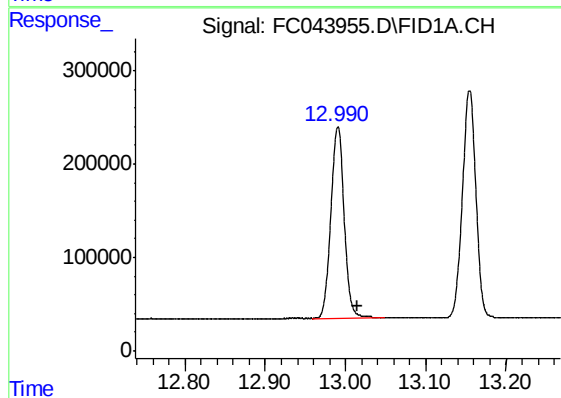
#10 n-Eicosane (C20)

R.T.: 12.548 min
Delta R.T.: -0.025 min
Response: 2868095
Conc: 20.55 ug/ml



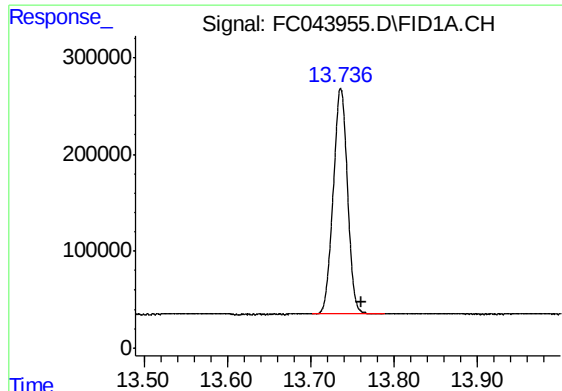
#11 n-Heneicosane (C21)

R.T.: 13.155 min
Delta R.T.: -0.024 min
Response: 2841040
Conc: 19.99 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.991 min
Delta R.T.: -0.025 min
Response: 2352200
Conc: 19.84 ug/ml



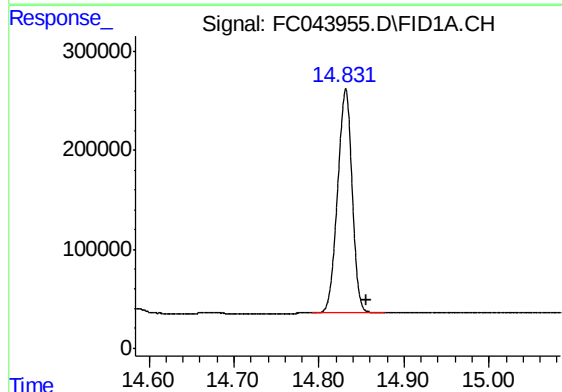
#13 n-Docosane (C22)

R.T.: 13.736 min
Delta R.T.: -0.025 min
Response: 2769212
Conc: 19.49 ug/ml

Instrument :
FID_C
ClientSampleId :

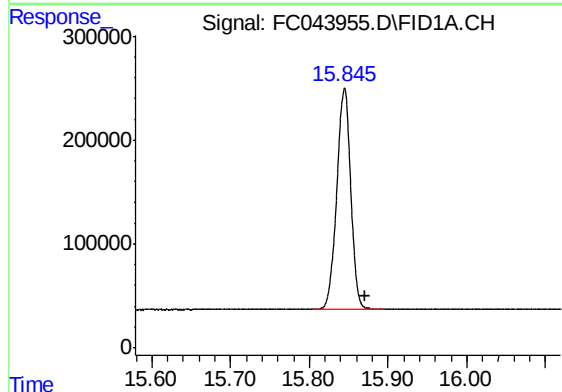
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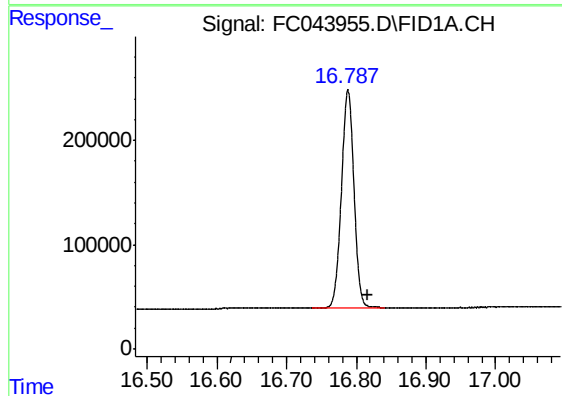
#14 n-Tetracosane (C24)

R.T.: 14.832 min
Delta R.T.: -0.025 min
Response: 2685380
Conc: 18.71 ug/ml



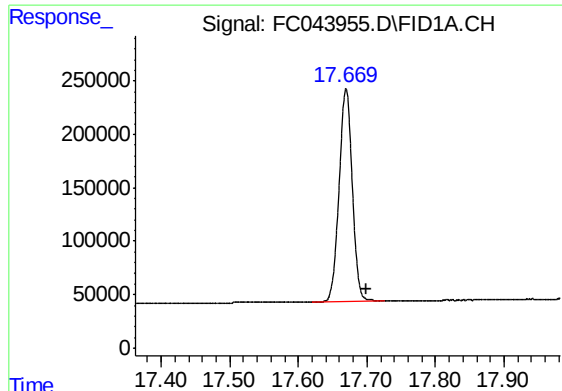
#15 n-Hexacosane (C26)

R.T.: 15.845 min
Delta R.T.: -0.026 min
Response: 2625178
Conc: 18.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.788 min
Delta R.T.: -0.027 min
Response: 2612440
Conc: 18.43 ug/ml



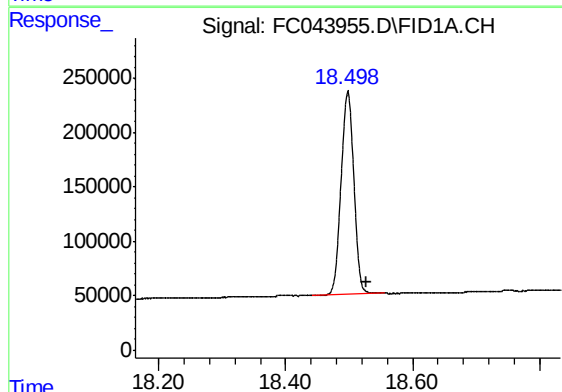
#17 n-Tricontane (C30)

R.T.: 17.670 min
Delta R.T.: -0.029 min
Response: 2650813
Conc: 18.90 ug/ml

Instrument :
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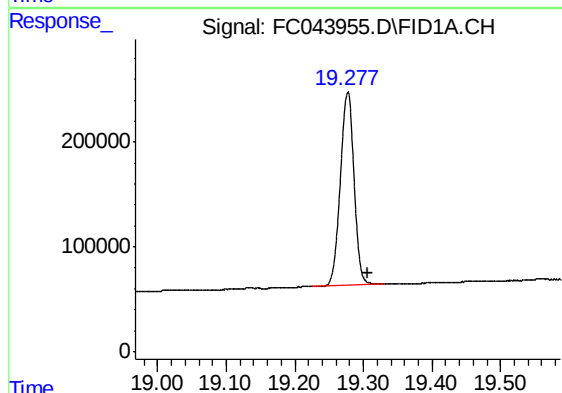
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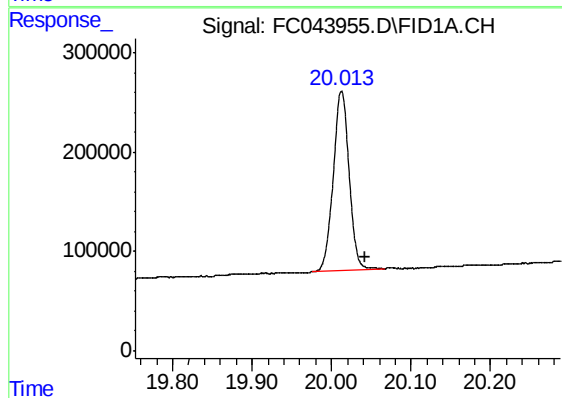
#18 n-Dotriacontane (C32)

R.T.: 18.498 min
Delta R.T.: -0.029 min
Response: 2602238
Conc: 19.59 ug/ml



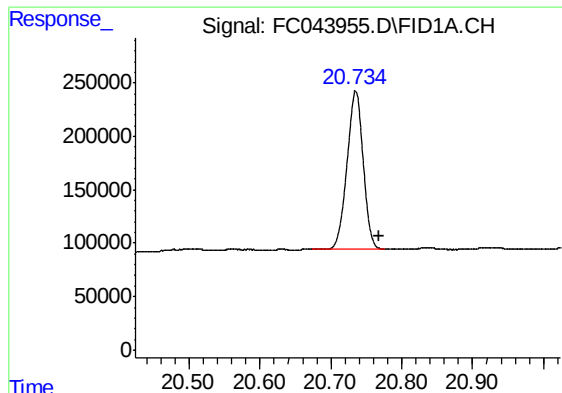
#19 n-Tetatriacontane (C34)

R.T.: 19.278 min
Delta R.T.: -0.028 min
Response: 2551123
Conc: 20.42 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.013 min
Delta R.T.: -0.030 min
Response: 2507296
Conc: 21.69 ug/ml m



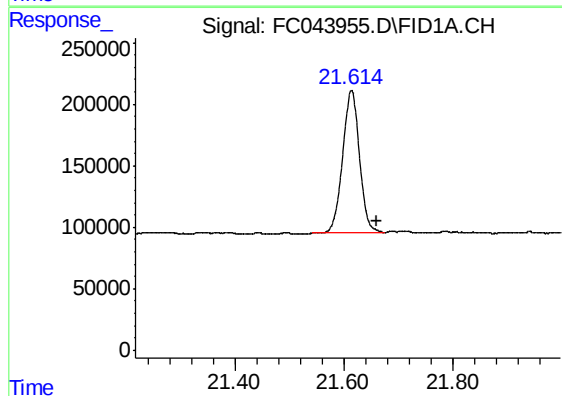
#21 n-Octatriacontane (C38)

R.T.: 20.735 min
Delta R.T.: -0.032 min
Response: 2335859
Conc: 21.95 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.614 min
Delta R.T.: -0.046 min
Response: 2462236
Conc: 23.55 ug/ml