

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060721AL\
 Data File : FC054079.D
 Signal(s) : FID1A.CH
 Acq On : 07 Jun 2021 9:13
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

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 6/8/2021 1:52:19 PM

Integration File: autoint1.e
 Quant Time: Jun 08 02:56:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 052721.M
 Quant Title : GC Extractables
 QLast Update : Fri May 28 09:04:47 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			
9) S ortho-Terphenyl (SURR)	11.367	2970562	21.275 ug/ml
Spiked Amount 50.000		Recovery =	42.55%
12) S 1-chlorooctadecane (S...	12.811	2290193	20.427 ug/ml
Spiked Amount 50.000		Recovery =	40.85%
Target Compounds			
1) T n-Nonane (C9)	3.170	2861890	24.224 ug/ml
2) T n-Decane (C10)	4.227	2911917	24.431 ug/ml
3) T A~Naphthalene (C11.7)	5.795	3158555	24.151 ug/ml
4) T n-Dodecane (C12)	6.236	2959119	24.104 ug/ml
5) T A~2-methylnaphthalene...	6.848	3203721	23.999 ug/ml
6) T n-Tetradecane (C14)	8.026	2942123	23.719 ug/ml
7) T n-Hexadecane (C16)	9.622	2867216	23.013 ug/ml
8) T n-Octadecane (C18)	11.062	2895361	21.982 ug/ml
10) T n-Eicosane (C20)	12.369	2806788	20.940 ug/ml
11) T n-Heneicosane (C21)	12.980	2748965	20.496 ug/ml
13) T n-Docosane (C22)	13.565	2727199	20.291 ug/ml
14) T n-Tetracosane (C24)	14.667	2637301	19.642 ug/ml
15) T n-Hexacosane (C26)	15.687	2561503	19.327 ug/ml
16) T n-Octacosane (C28)	16.636	2556331	19.360 ug/ml
17) T n-Tricontane (C30)	17.523	2581273	19.686 ug/ml
18) T n-Dotriacontane (C32)	18.356	2566110	19.892 ug/ml
19) T n-Tetratriacontane (C34)	19.138	2527667	20.719 ug/mlm
20) T n-Hexatriacontane (C36)	19.877	2423526	21.466 ug/mlm
21) T n-Octatriacontane (C38)	20.587	2291845	22.730 ug/mlm
22) T n-Tetracontane (C40)	21.424	2385442	23.637 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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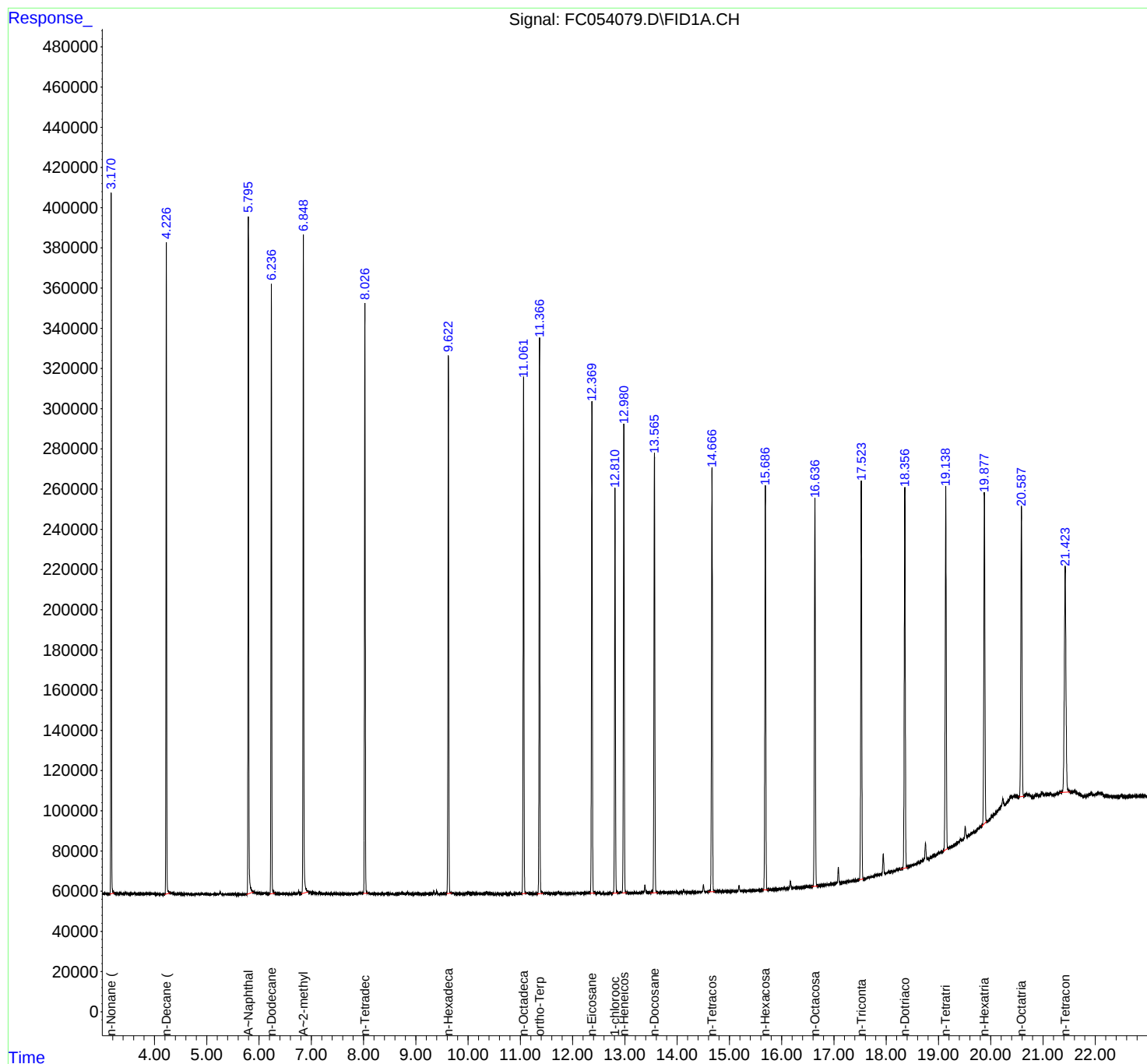
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

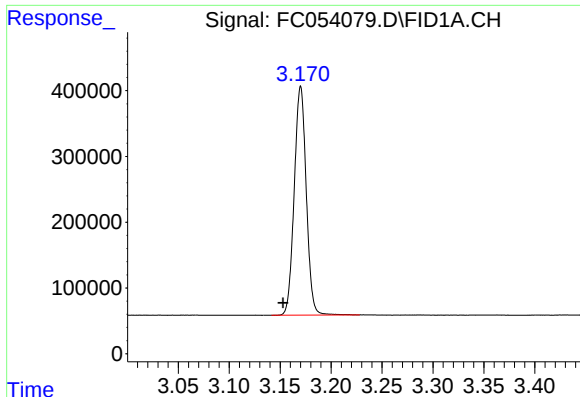
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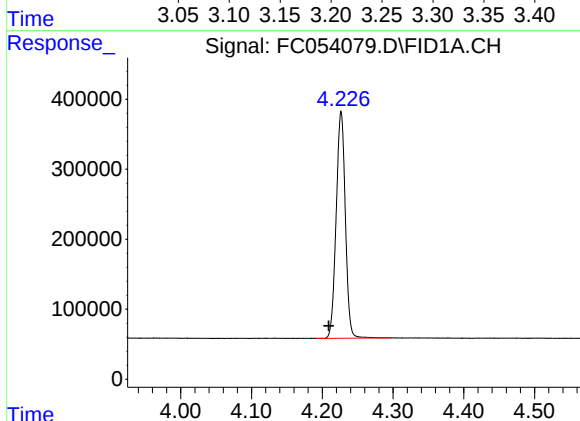
#1 n-Nonane (C9)

R.T.: 3.170 min
Delta R.T.: 0.017 min
Response: 2861890
Conc: 24.22 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

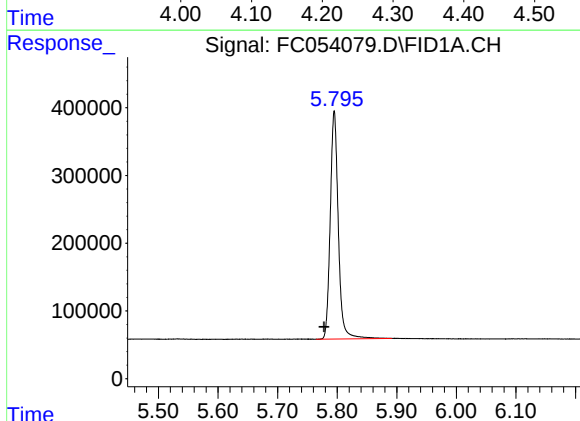
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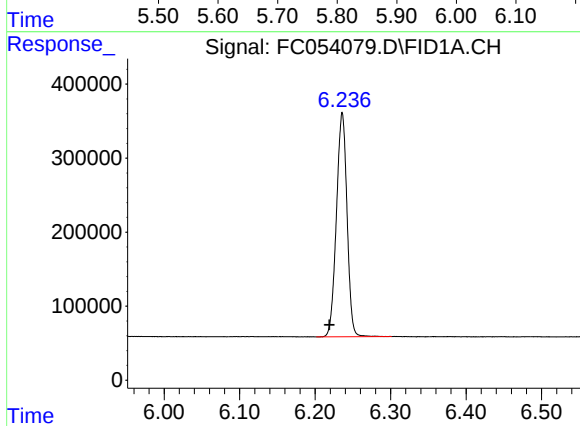
#2 n-Decane (C10)

R.T.: 4.227 min
Delta R.T.: 0.018 min
Response: 2911917
Conc: 24.43 ug/ml



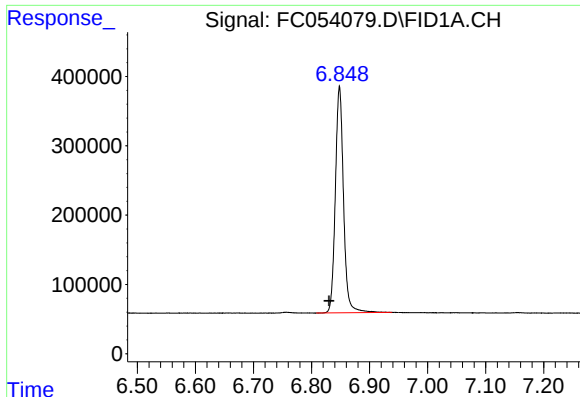
#3 A~Naphthalene (C11.7)

R.T.: 5.795 min
Delta R.T.: 0.017 min
Response: 3158555
Conc: 24.15 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.236 min
Delta R.T.: 0.017 min
Response: 2959119
Conc: 24.10 ug/ml



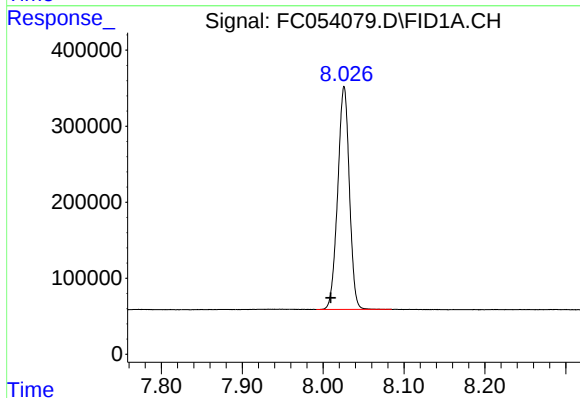
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.848 min
Delta R.T.: 0.018 min
Response: 3203721
Conc: 24.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

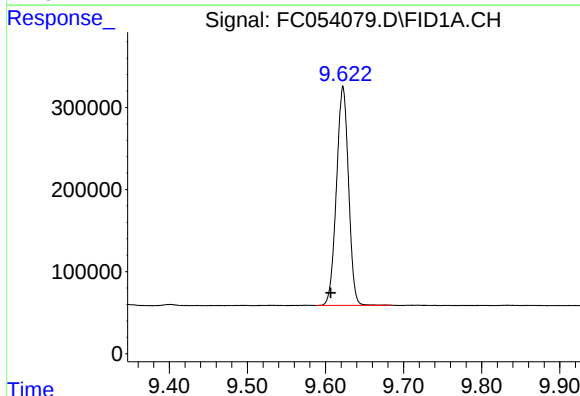
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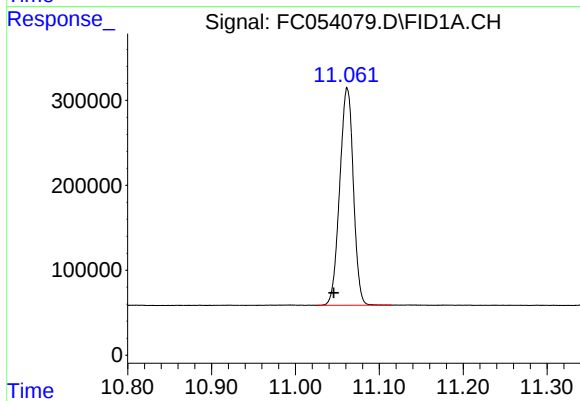
#6 n-Tetradecane (C14)

R.T.: 8.026 min
Delta R.T.: 0.016 min
Response: 2942123
Conc: 23.72 ug/ml



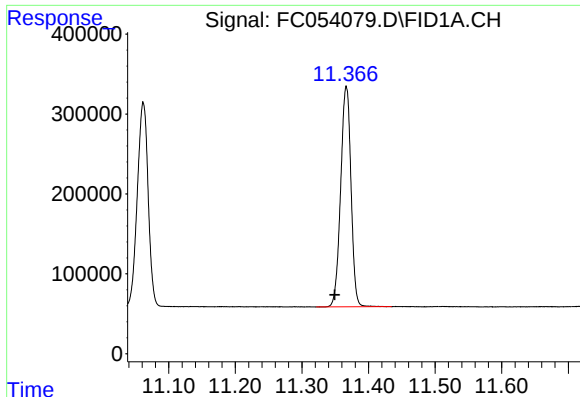
#7 n-Hexadecane (C16)

R.T.: 9.622 min
Delta R.T.: 0.015 min
Response: 2867216
Conc: 23.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.062 min
Delta R.T.: 0.016 min
Response: 2895361
Conc: 21.98 ug/ml



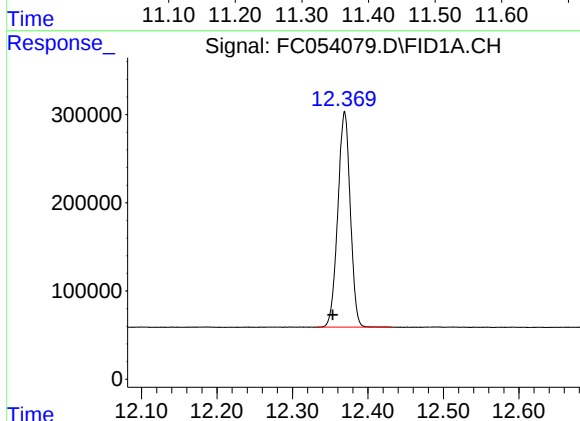
#9 ortho-Terphenyl (SURR)

R.T.: 11.367 min
Delta R.T.: 0.018 min
Response: 2970562
Conc: 21.28 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

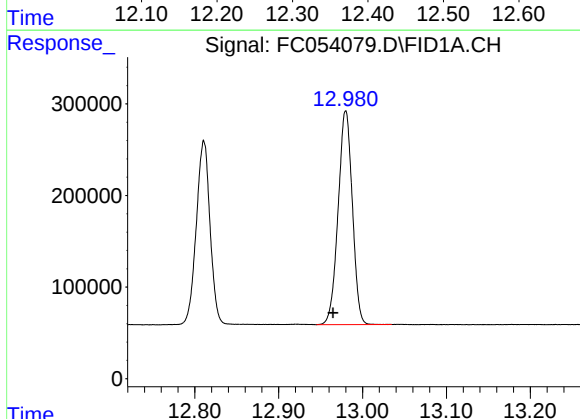
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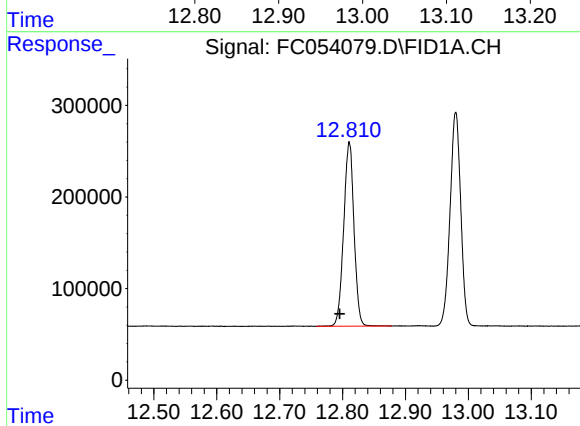
#10 n-Eicosane (C20)

R.T.: 12.369 min
Delta R.T.: 0.016 min
Response: 2806788
Conc: 20.94 ug/ml



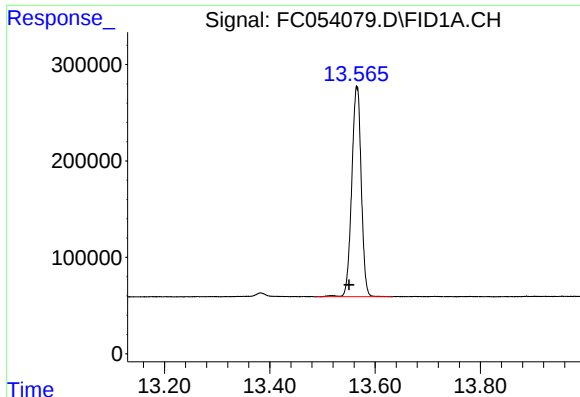
#11 n-Heneicosane (C21)

R.T.: 12.980 min
Delta R.T.: 0.015 min
Response: 2748965
Conc: 20.50 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.811 min
Delta R.T.: 0.015 min
Response: 2290193
Conc: 20.43 ug/ml



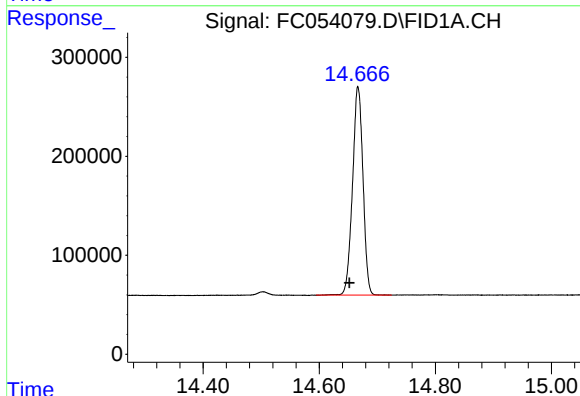
#13 n-Docosane (C22)

R.T.: 13.565 min
Delta R.T.: 0.015 min
Response: 2727199
Conc: 20.29 ug/ml

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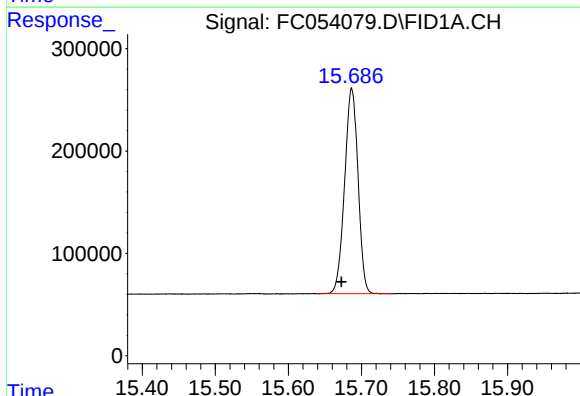
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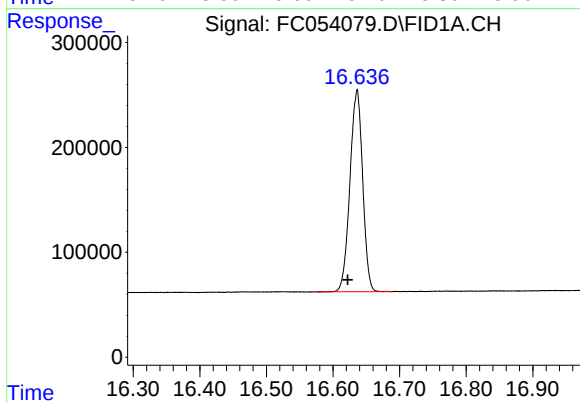
#14 n-Tetracosane (C24)

R.T.: 14.667 min
Delta R.T.: 0.015 min
Response: 2637301
Conc: 19.64 ug/ml



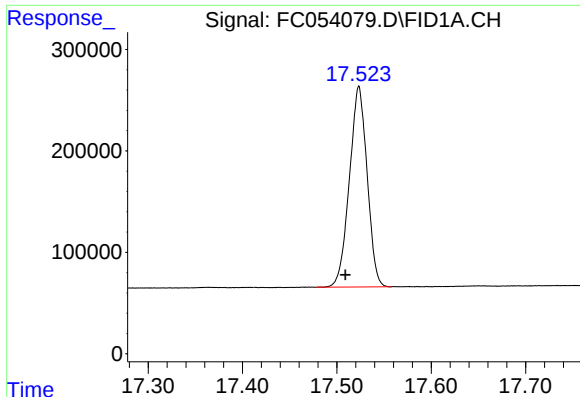
#15 n-Hexacosane (C26)

R.T.: 15.687 min
Delta R.T.: 0.014 min
Response: 2561503
Conc: 19.33 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.636 min
Delta R.T.: 0.014 min
Response: 2556331
Conc: 19.36 ug/ml



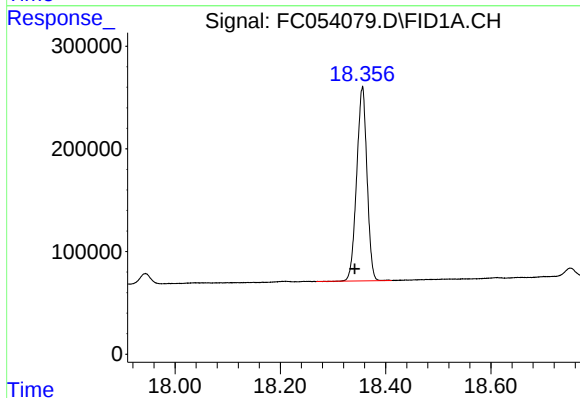
#17 n-Tricontane (C30)

R.T.: 17.523 min
Delta R.T.: 0.014 min
Response: 2581273
Conc: 19.69 ug/ml

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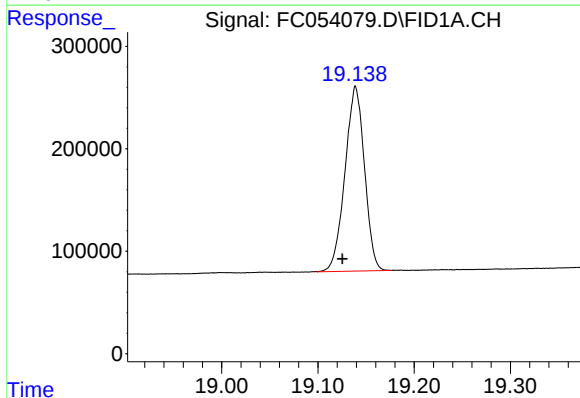
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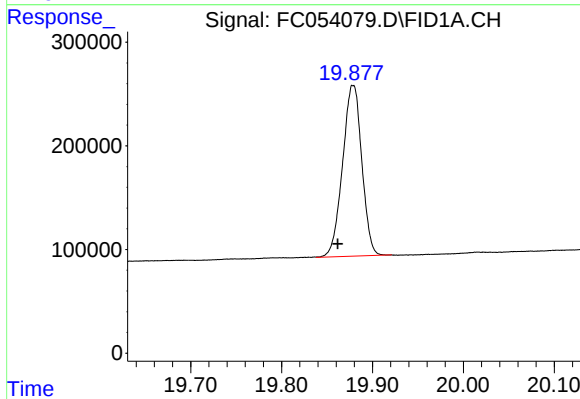
#18 n-Dotriacontane (C32)

R.T.: 18.356 min
Delta R.T.: 0.014 min
Response: 2566110
Conc: 19.89 ug/ml



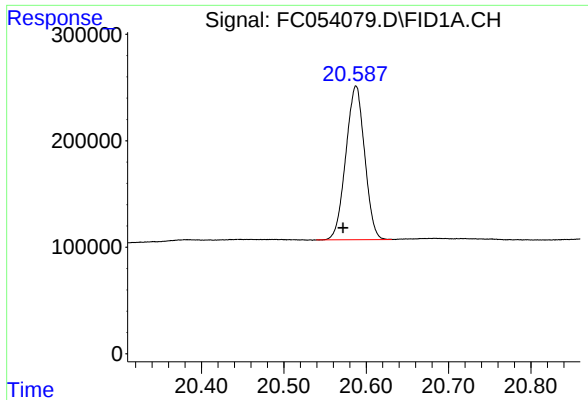
#19 n-Tetratriacontane (C34)

R.T.: 19.138 min
Delta R.T.: 0.013 min
Response: 2527667
Conc: 20.72 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.877 min
Delta R.T.: 0.015 min
Response: 2423526
Conc: 21.47 ug/ml m



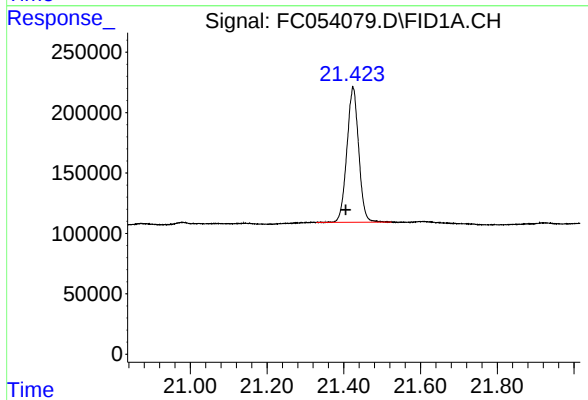
#21 n-Octatriacontane (C38)

R.T.: 20.587 min
Delta R.T.: 0.015 min
Response: 2291845
Conc: 22.73 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.424 min
Delta R.T.: 0.019 min
Response: 2385442
Conc: 23.64 ug/ml