

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060621AL\
 Data File : FC054076.D
 Signal(s) : FID1A.CH
 Acq On : 07 Jun 2021 7:18
 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

Ankita
 6/8/2021 8:50:14 AM

Integration File: autoint1.e
 Quant Time: Jun 07 07:36:14 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)	11.364	2879062	20.620 ug/ml
Spiked Amount 50.000		Recovery =	41.24%
12) S 1-chlorooctadecane (S...	12.808	2225224	19.847 ug/ml
Spiked Amount 50.000		Recovery =	39.69%
Target Compounds			
1) T n-Nonane (C9)	3.162	2757077	23.336 ug/ml
2) T n-Decane (C10)	4.221	2809536	23.572 ug/ml
3) T A~Naphthalene (C11.7)	5.790	3047696	23.303 ug/ml
4) T n-Dodecane (C12)	6.232	2864786	23.336 ug/ml
5) T A~2-methylnaphthalene...	6.844	3105907	23.267 ug/ml
6) T n-Tetradecane (C14)	8.022	2855814	23.023 ug/ml
7) T n-Hexadecane (C16)	9.619	2785418	22.356 ug/ml
8) T n-Octadecane (C18)	11.059	2815079	21.372 ug/ml
10) T n-Eicosane (C20)	12.366	2731640	20.380 ug/ml
11) T n-Heneicosane (C21)	12.978	2676253	19.954 ug/ml
13) T n-Docosane (C22)	13.562	2649230	19.711 ug/ml
14) T n-Tetracosane (C24)	14.665	2545961	18.962 ug/ml
15) T n-Hexacosane (C26)	15.685	2470846	18.643 ug/ml
16) T n-Octacosane (C28)	16.636	2457347	18.611 ug/ml
17) T n-Tricontane (C30)	17.522	2500093	19.067 ug/ml
18) T n-Dotriacontane (C32)	18.355	2461853	19.084 ug/ml
19) T n-Tetratriacontane (C34)	19.139	2419274	19.831 ug/mlm
20) T n-Hexatriacontane (C36)	19.879	2329187	20.631 ug/mlm
21) T n-Octatriacontane (C38)	20.588	2194911	21.768 ug/mlm
22) T n-Tetracontane (C40)	21.424	2288439	22.675 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

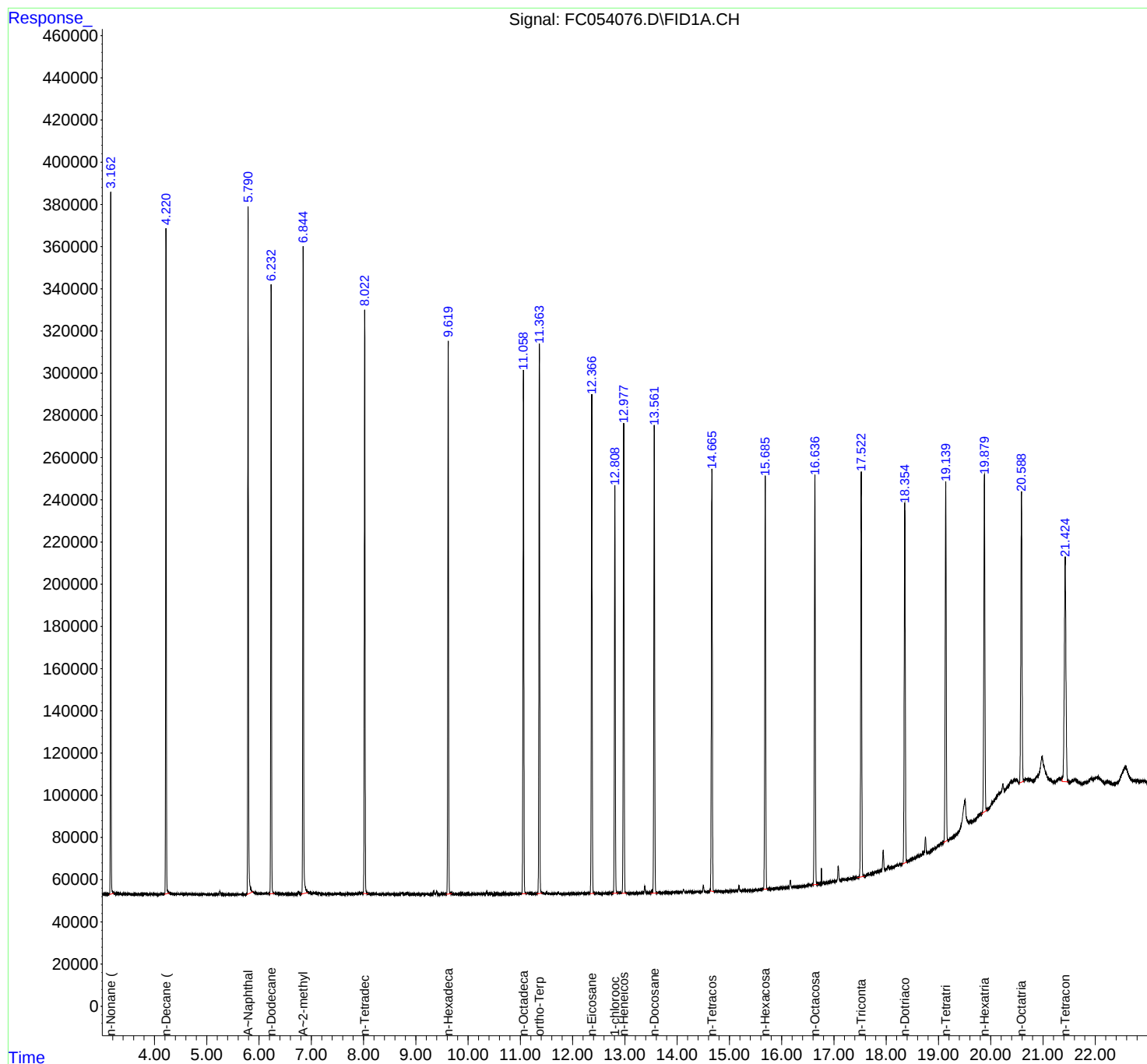
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

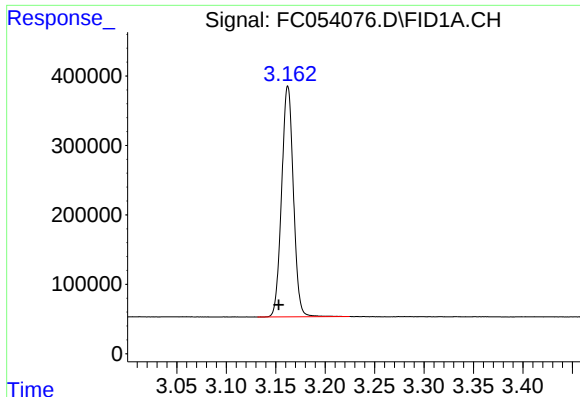
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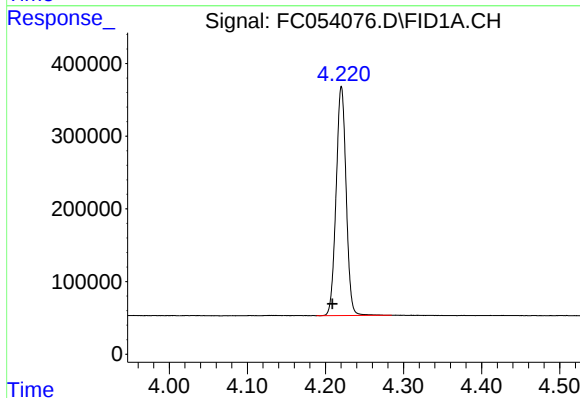
#1 n-Nonane (C9)

R.T.: 3.162 min
Delta R.T.: 0.009 min
Response: 2757077
Conc: 23.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

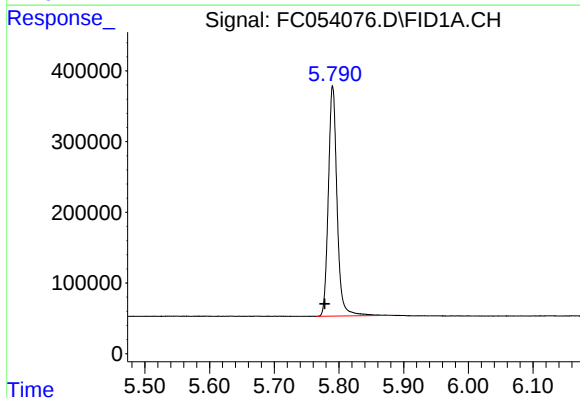
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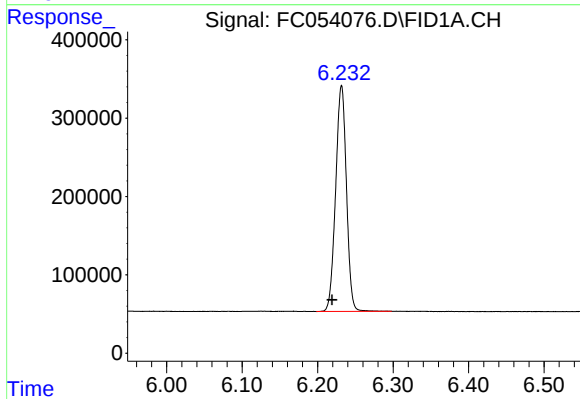
#2 n-Decane (C10)

R.T.: 4.221 min
Delta R.T.: 0.012 min
Response: 2809536
Conc: 23.57 ug/ml



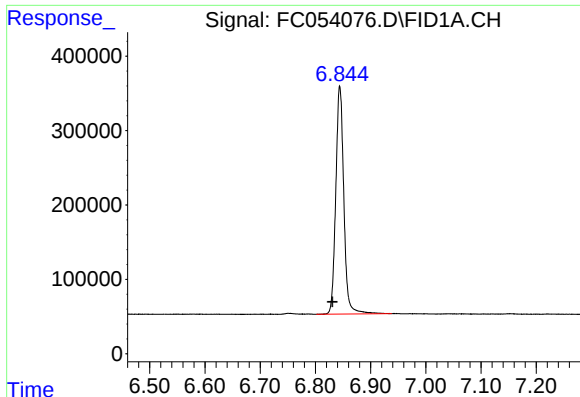
#3 A~Naphthalene (C11.7)

R.T.: 5.790 min
Delta R.T.: 0.012 min
Response: 3047696
Conc: 23.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.232 min
Delta R.T.: 0.013 min
Response: 2864786
Conc: 23.34 ug/ml



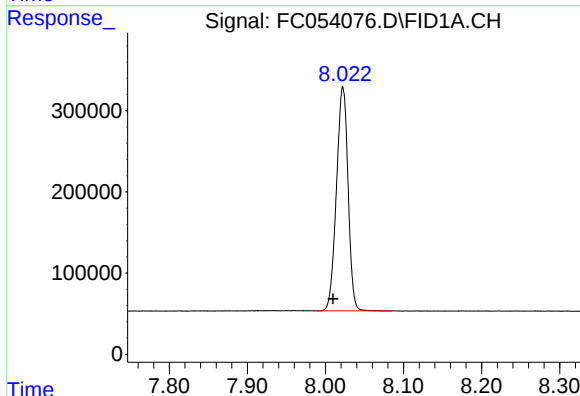
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.844 min
Delta R.T.: 0.014 min
Response: 3105907
Conc: 23.27 ug/ml

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20 PPM ALIPHATIC HC STD

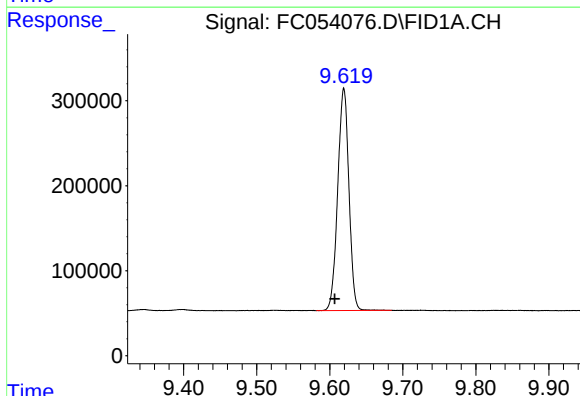
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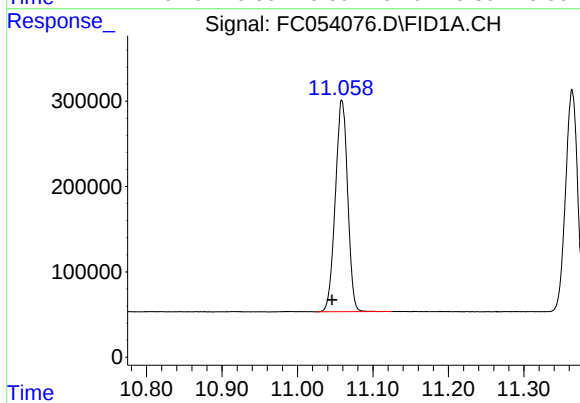
#6 n-Tetradecane (C14)

R.T.: 8.022 min
Delta R.T.: 0.013 min
Response: 2855814
Conc: 23.02 ug/ml



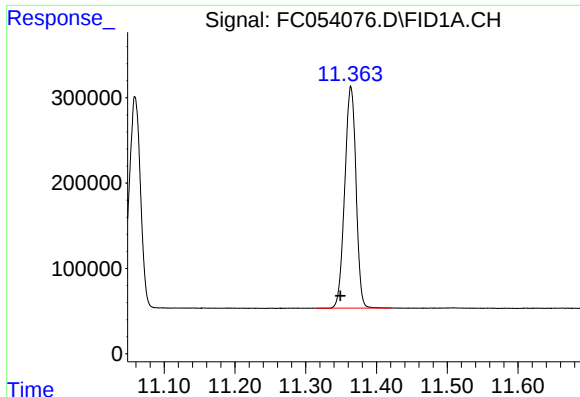
#7 n-Hexadecane (C16)

R.T.: 9.619 min
Delta R.T.: 0.012 min
Response: 2785418
Conc: 22.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.059 min
Delta R.T.: 0.013 min
Response: 2815079
Conc: 21.37 ug/ml



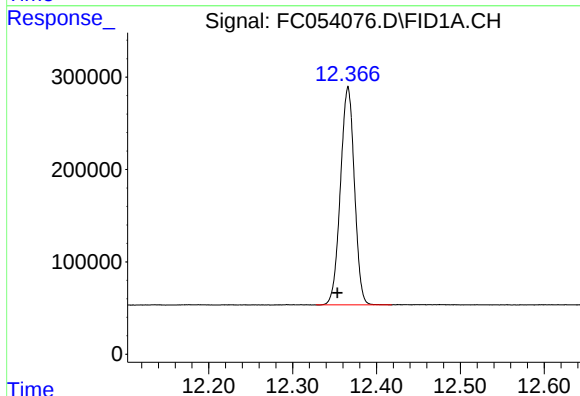
#9 ortho-Terphenyl (SURR)

R.T.: 11.364 min
Delta R.T.: 0.015 min
Response: 2879062
Conc: 20.62 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

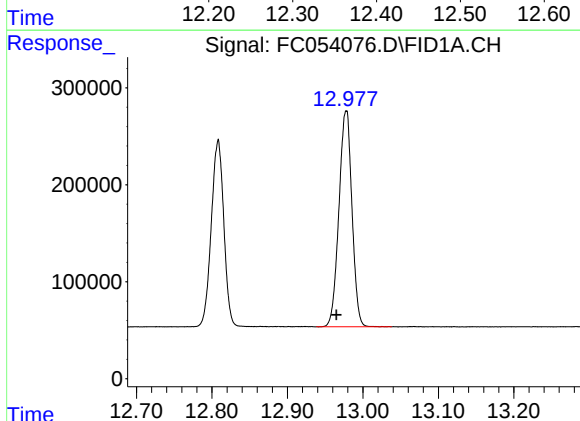
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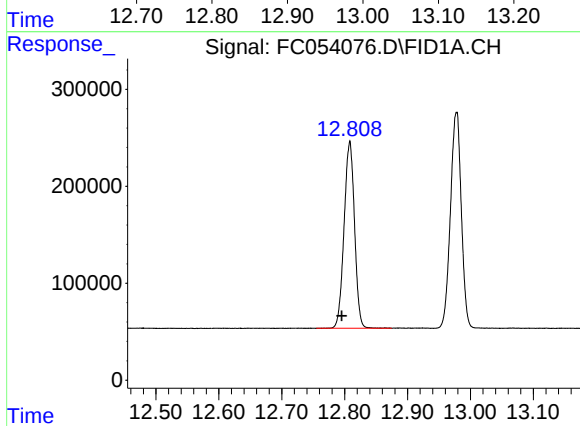
#10 n-Eicosane (C20)

R.T.: 12.366 min
Delta R.T.: 0.013 min
Response: 2731640
Conc: 20.38 ug/ml



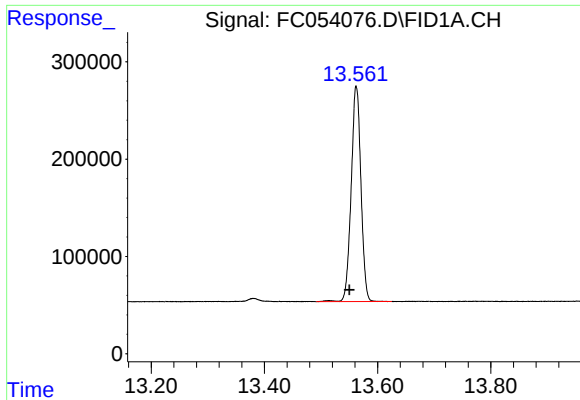
#11 n-Heneicosane (C21)

R.T.: 12.978 min
Delta R.T.: 0.013 min
Response: 2676253
Conc: 19.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.808 min
Delta R.T.: 0.013 min
Response: 2225224
Conc: 19.85 ug/ml



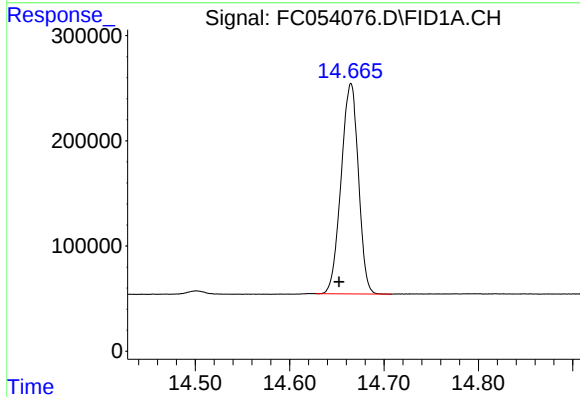
#13 n-Docosane (C22)

R.T.: 13.562 min
Delta R.T.: 0.012 min
Response: 2649230
Conc: 19.71 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

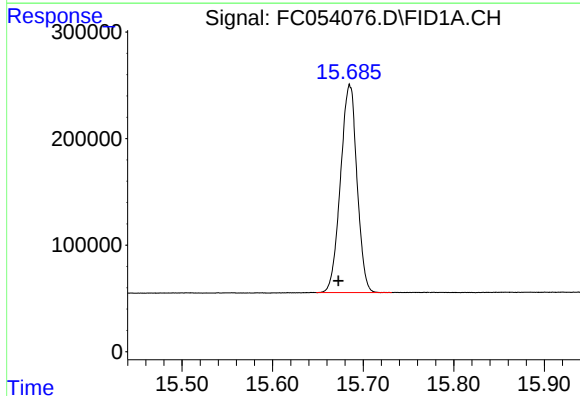
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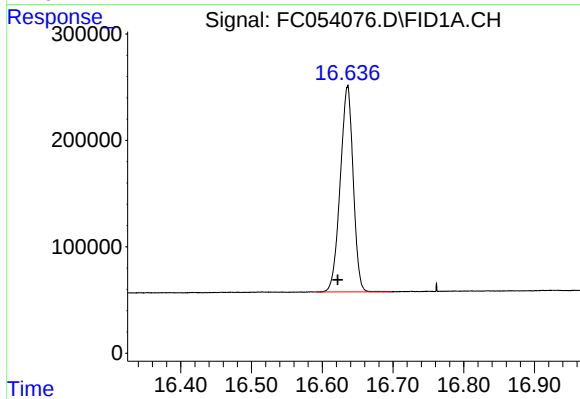
#14 n-Tetracosane (C24)

R.T.: 14.665 min
Delta R.T.: 0.012 min
Response: 2545961
Conc: 18.96 ug/ml



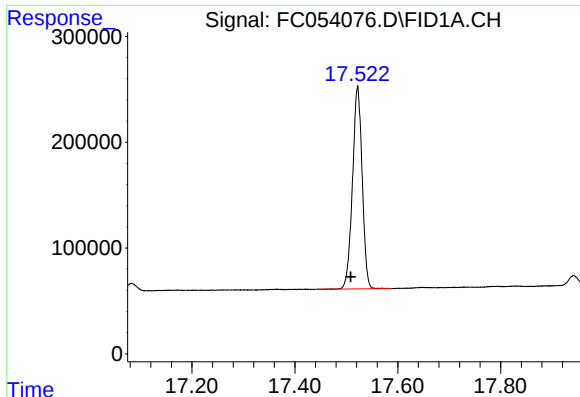
#15 n-Hexacosane (C26)

R.T.: 15.685 min
Delta R.T.: 0.012 min
Response: 2470846
Conc: 18.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.636 min
Delta R.T.: 0.013 min
Response: 2457347
Conc: 18.61 ug/ml



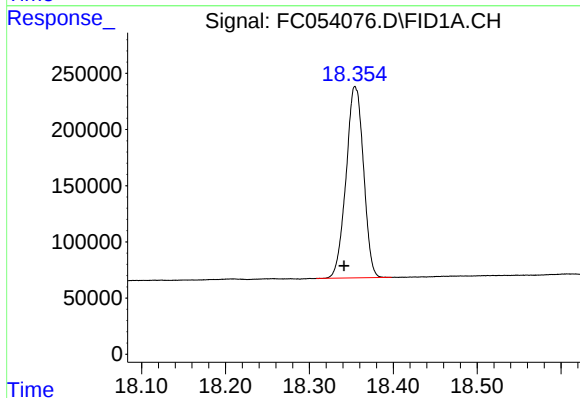
#17 n-Tricontane (C30)

R.T.: 17.522 min
Delta R.T.: 0.013 min
Response: 2500093
Conc: 19.07 ug/ml

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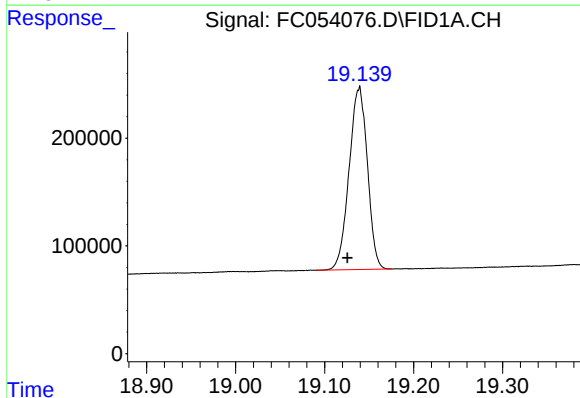
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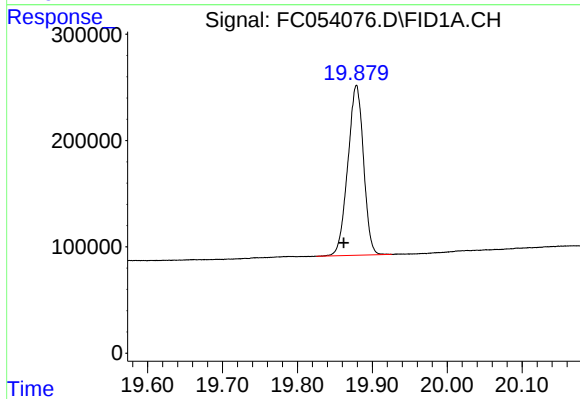
#18 n-Dotriacontane (C32)

R.T.: 18.355 min
Delta R.T.: 0.013 min
Response: 2461853
Conc: 19.08 ug/ml



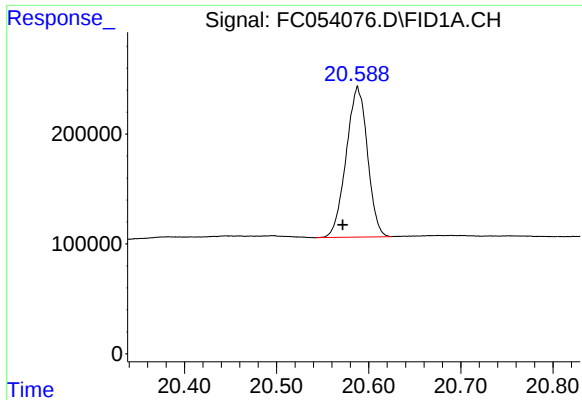
#19 n-Tetratriacontane (C34)

R.T.: 19.139 min
Delta R.T.: 0.014 min
Response: 2419274
Conc: 19.83 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.879 min
Delta R.T.: 0.017 min
Response: 2329187
Conc: 20.63 ug/ml m



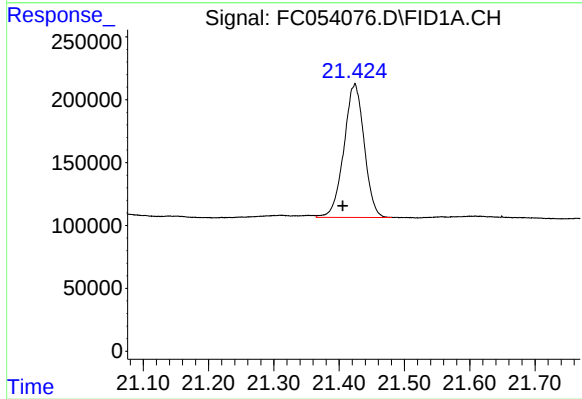
#21 n-Octatriacontane (C38)

R.T.: 20.588 min
Delta R.T.: 0.016 min
Response: 2194911
Conc: 21.77 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.424 min
Delta R.T.: 0.019 min
Response: 2288439
Conc: 22.68 ug/ml m