

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121621AL\
 Data File : FC057520.D
 Signal(s) : FID1A.CH
 Acq On : 16 Dec 2021 9:53
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Dec 16 11:43:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 20:43:13 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

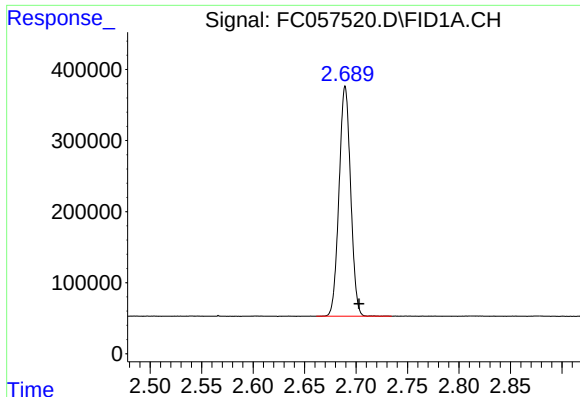
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	10.825	2782602	19.996 ug/ml
Spiked Amount 50.000		Recovery =	39.99%
12) S 1-chlorooctadecane (S...	12.262	2185612	19.736 ug/ml
Spiked Amount 50.000		Recovery =	39.47%
Target Compounds			
1) T n-Nonane (C9)	2.689	2535849	20.525 ug/ml
2) T n-Decane (C10)	3.695	2574693	20.671 ug/ml
3) T A~Naphthalene (C11.7)	5.253	2887120	20.811 ug/ml
4) T n-Dodecane (C12)	5.682	2581676	20.905 ug/ml
5) T A~2-methylnaphthalene...	6.301	2902467	20.755 ug/ml
6) T n-Tetradecane (C14)	7.472	2612024	21.094 ug/ml
7) T n-Hexadecane (C16)	9.071	2610633	20.821 ug/ml
8) T n-Octadecane (C18)	10.511	2657530	20.531 ug/ml
10) T n-Eicosane (C20)	11.819	2592671	19.957 ug/ml
11) T n-Heneicosane (C21)	12.431	2596586	19.785 ug/ml
13) T n-Docosane (C22)	13.016	2545739	19.368 ug/ml
14) T n-Tetracosane (C24)	14.119	2515334	18.912 ug/ml
15) T n-Hexacosane (C26)	15.138	2400858	18.309 ug/ml
16) T n-Octacosane (C28)	16.087	2320842	17.648 ug/ml
17) T n-Tricontane (C30)	16.973	2254023	16.493 ug/ml
18) T n-Dotriacontane (C32)	17.807	2202803	16.429 ug/ml
19) T n-Tetratriacontane (C34)	18.591	2184123	16.750 ug/ml
20) T n-Hexatriacontane (C36)	19.330	2138731	18.012 ug/ml
21) T n-Octatriacontane (C38)	20.056	2110778	19.218 ug/ml
22) T n-Tetracontane (C40)	20.941	2094582	20.979 ug/ml

(f)=RT Delta > 1/2 Window

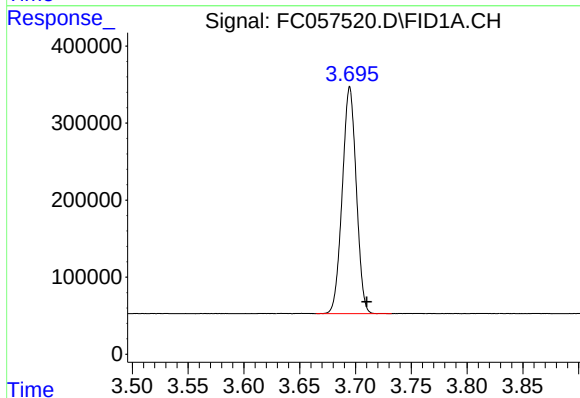
(m)=manual int.



#1 n-Nonane (C9)

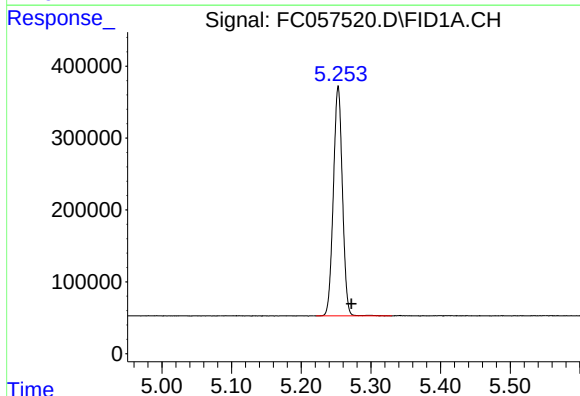
R.T.: 2.689 min
Delta R.T.: -0.014 min
Response: 2535849
Conc: 20.53 ug/ml

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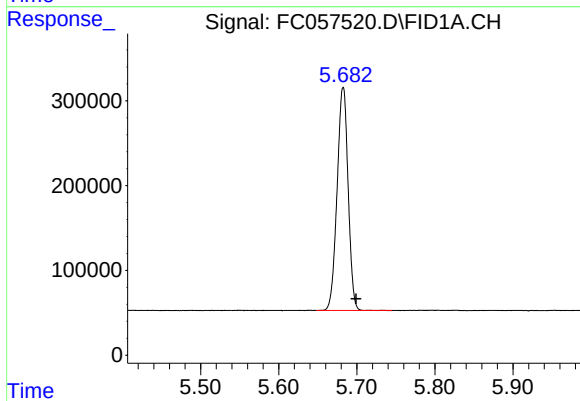
#2 n-Decane (C10)

R.T.: 3.695 min
Delta R.T.: -0.015 min
Response: 2574693
Conc: 20.67 ug/ml



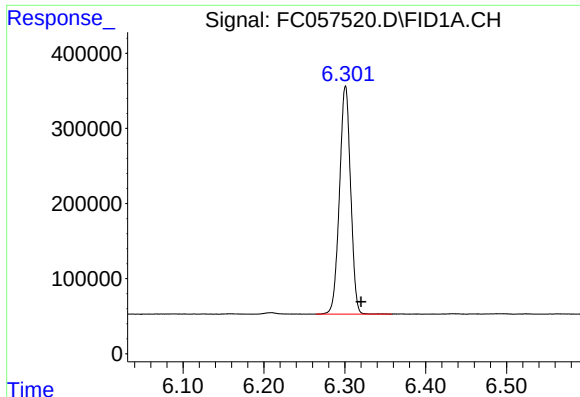
#3 A~Naphthalene (C11.7)

R.T.: 5.253 min
Delta R.T.: -0.019 min
Response: 2887120
Conc: 20.81 ug/ml



#4 n-Dodecane (C12)

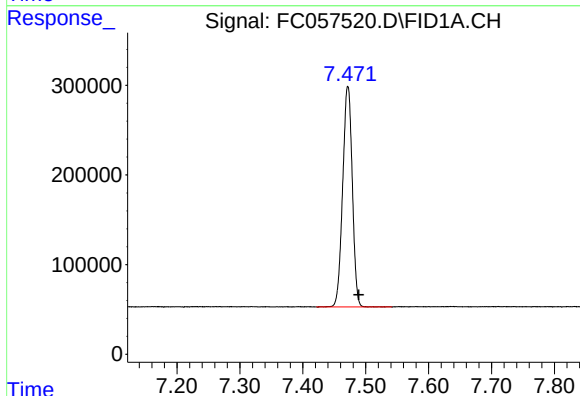
R.T.: 5.682 min
Delta R.T.: -0.017 min
Response: 2581676
Conc: 20.91 ug/ml



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

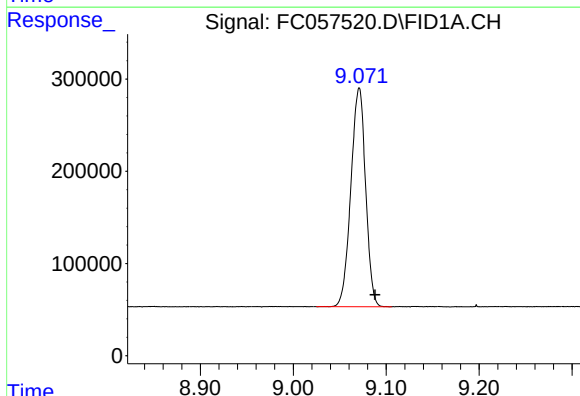
R.T.: 6.301 min
Delta R.T.: -0.019 min
Response: 2902467
Conc: 20.76 ug/ml

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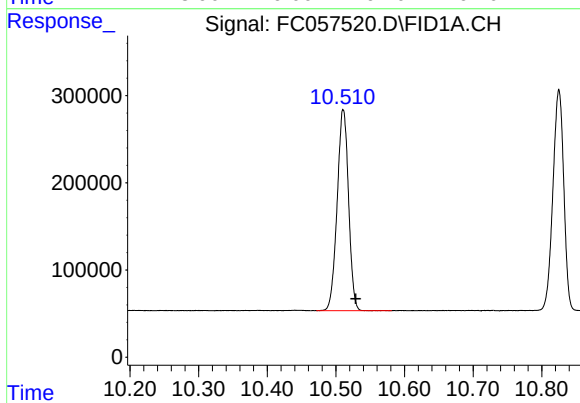
#6 n-Tetradecane (C14)

R.T.: 7.472 min
Delta R.T.: -0.017 min
Response: 2612024
Conc: 21.09 ug/ml



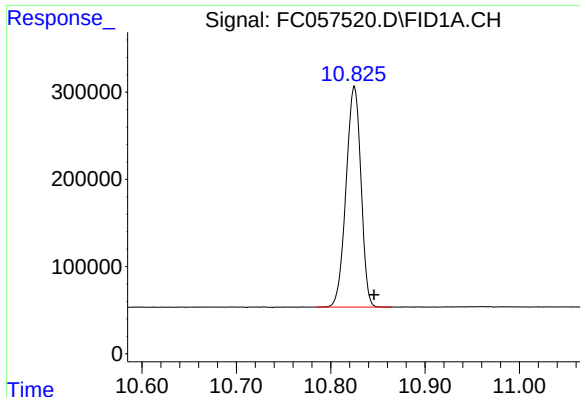
#7 n-Hexadecane (C16)

R.T.: 9.071 min
Delta R.T.: -0.017 min
Response: 2610633
Conc: 20.82 ug/ml



#8 n-Octadecane (C18)

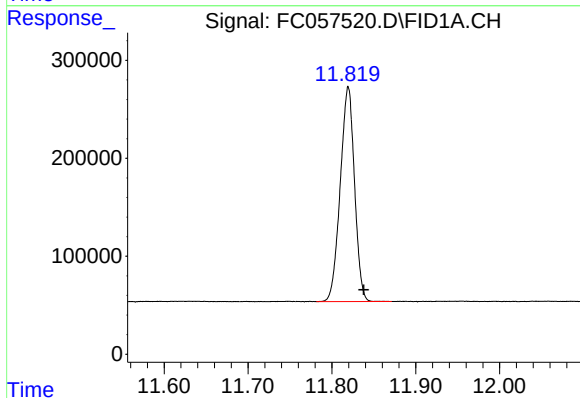
R.T.: 10.511 min
Delta R.T.: -0.018 min
Response: 2657530
Conc: 20.53 ug/ml



#9 ortho-Terphenyl (SURR)

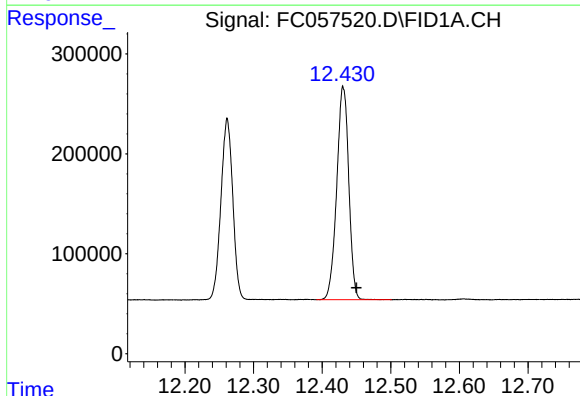
R.T.: 10.825 min
Delta R.T.: -0.021 min
Response: 2782602
Conc: 20.00 ug/ml

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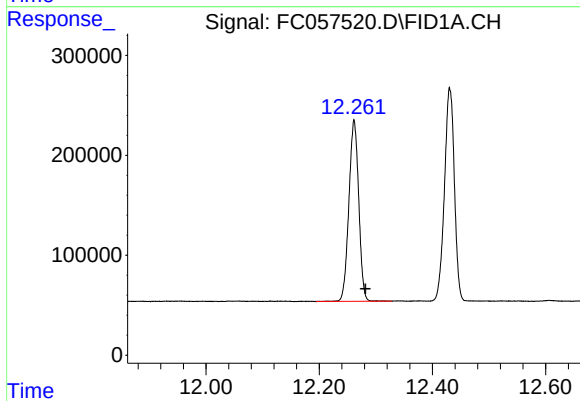
#10 n-Eicosane (C20)

R.T.: 11.819 min
Delta R.T.: -0.019 min
Response: 2592671
Conc: 19.96 ug/ml



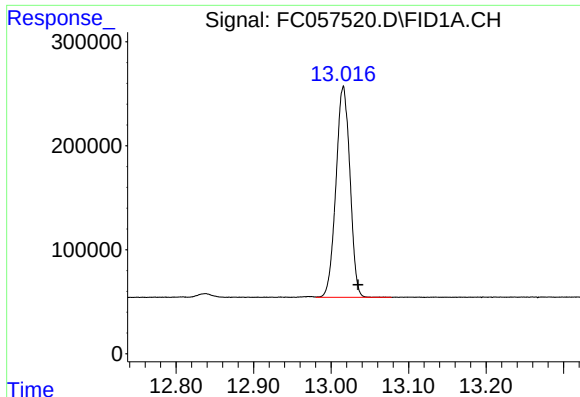
#11 n-Heneicosane (C21)

R.T.: 12.431 min
Delta R.T.: -0.019 min
Response: 2596586
Conc: 19.78 ug/ml



#12 1-chlorooctadecane (SURR)

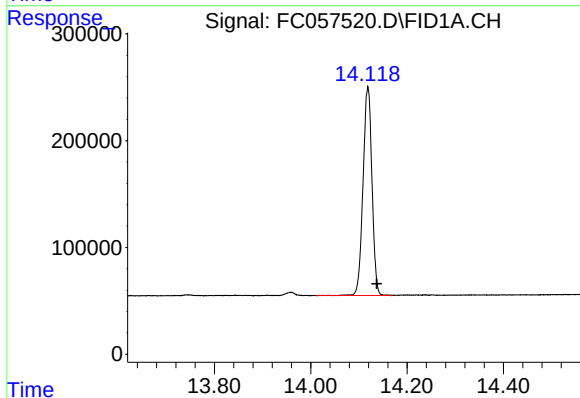
R.T.: 12.262 min
Delta R.T.: -0.020 min
Response: 2185612
Conc: 19.74 ug/ml



#13 n-Docosane (C22)

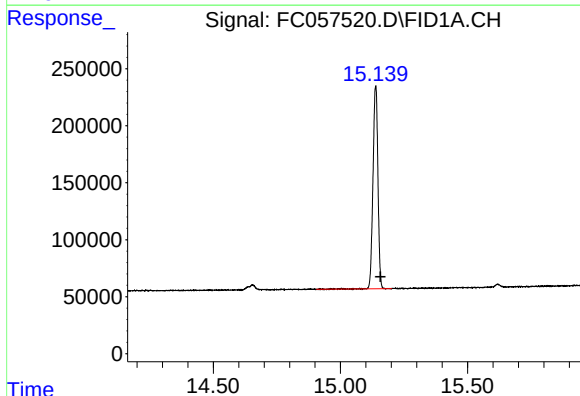
R.T.: 13.016 min
Delta R.T.: -0.019 min
Response: 2545739
Conc: 19.37 ug/ml

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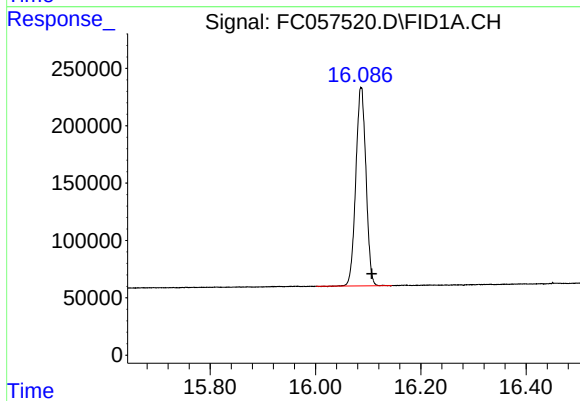
#14 n-Tetracosane (C24)

R.T.: 14.119 min
Delta R.T.: -0.018 min
Response: 2515334
Conc: 18.91 ug/ml



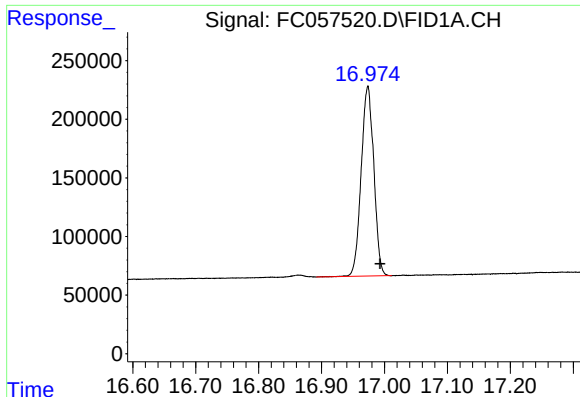
#15 n-Hexacosane (C26)

R.T.: 15.138 min
Delta R.T.: -0.019 min
Response: 2400858
Conc: 18.31 ug/ml



#16 n-Octacosane (C28)

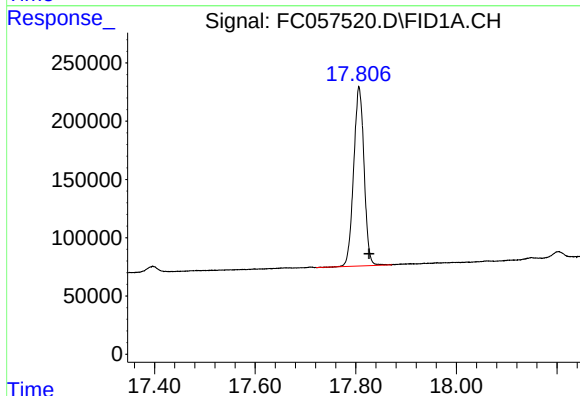
R.T.: 16.087 min
Delta R.T.: -0.020 min
Response: 2320842
Conc: 17.65 ug/ml



#17 n-Tricontane (C30)

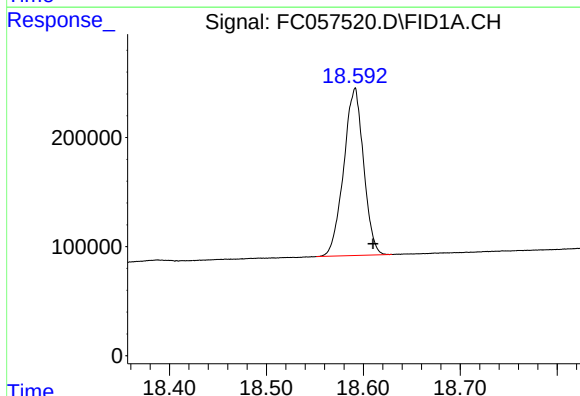
R.T.: 16.973 min
Delta R.T.: -0.020 min
Response: 2254023
Conc: 16.49 ug/ml

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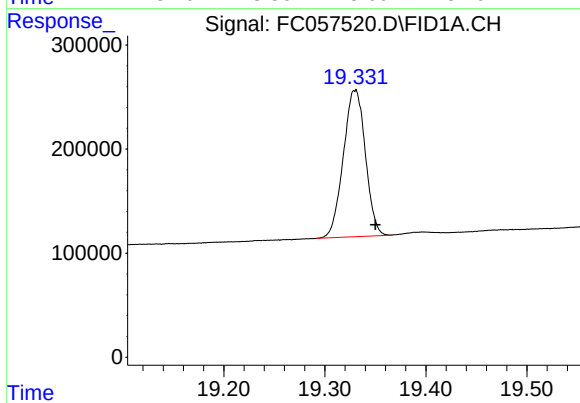
#18 n-Dotriacontane (C32)

R.T.: 17.807 min
Delta R.T.: -0.019 min
Response: 2202803
Conc: 16.43 ug/ml



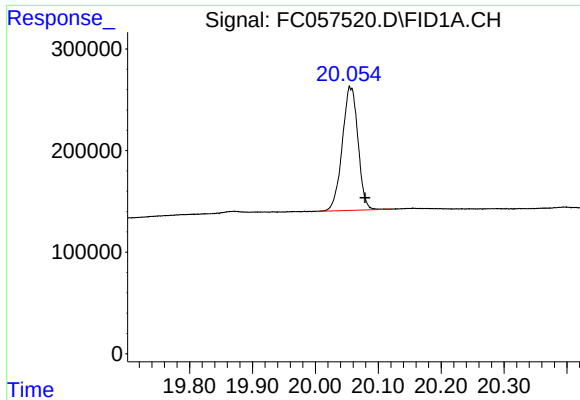
#19 n-Tetratriacontane (C34)

R.T.: 18.591 min
Delta R.T.: -0.019 min
Response: 2184123
Conc: 16.75 ug/ml



#20 n-Hexatriacontane (C36)

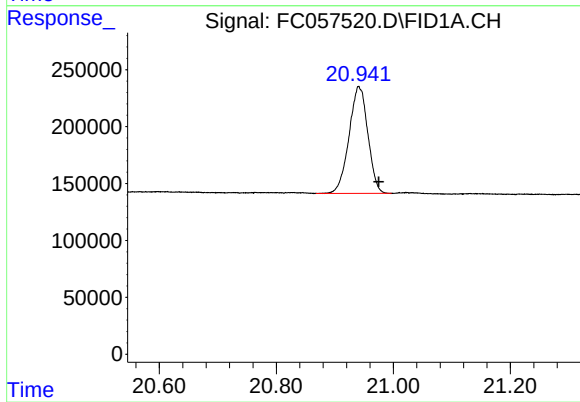
R.T.: 19.330 min
Delta R.T.: -0.020 min
Response: 2138731
Conc: 18.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.056 min
Delta R.T.: -0.023 min
Response: 2110778
Conc: 19.22 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.941 min
Delta R.T.: -0.034 min
Response: 2094582
Conc: 20.98 ug/ml