

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042320AL\
 Data File : FC047043.D
 Signal(s) : FID1A.CH
 Acq On : 23 Apr 2020 15:25
 Operator : DD\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

Sohil
 4/27/2020 9:08:08 AM

Integration File: autoint1.e
 Quant Time: Apr 23 15:50:55 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042320.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 23 15:22:33 2020
 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)	11.751	1051592	9.130 ug/ml
Spiked Amount 50.000		Recovery =	18.26%
12) S 1-chlorooctadecane (S...	13.166	847570	9.172 ug/ml
Spiked Amount 50.000		Recovery =	18.34%
Target Compounds			
1) T n-Nonane (C9)	3.548	904657	8.908 ug/mlm
2) T n-Decane (C10)	4.614	901224	8.827 ug/mlm
3) T A~Naphthalene (C11.7)	6.216	888876	8.056 ug/mlm
4) T n-Dodecane (C12)	6.617	920880	8.893 ug/ml
5) T A~2-methylnaphthalene...	7.265	878012	7.939 ug/mlm
6) T n-Tetradecane (C14)	8.398	925540	8.891 ug/ml
7) T n-Hexadecane (C16)	9.987	953072	9.036 ug/ml
8) T n-Octadecane (C18)	11.419	979088	9.141 ug/ml
10) T n-Eicosane (C20)	12.720	1003245	9.275 ug/ml
11) T n-Heneicosane (C21)	13.327	1014743	9.270 ug/ml
13) T n-Docosane (C22)	13.912	1014523	9.271 ug/ml
14) T n-Tetracosane (C24)	15.008	1025470	9.263 ug/ml
15) T n-Hexacosane (C26)	16.022	1027046	9.278 ug/ml
16) T n-Octacosane (C28)	16.968	1021932	9.378 ug/ml
17) T n-Tricontane (C30)	17.851	957153	9.422 ug/ml
18) T n-Dotriacontane (C32)	18.678	729192	9.475 ug/ml
19) T n-Tetratriacontane (C34)	19.458	533605	9.354 ug/ml
20) T n-Hexatriacontane (C36)	20.193	474897	9.535 ug/ml
21) T n-Octatriacontane (C38)	20.952	433390	9.413 ug/ml
22) T n-Tetracontane (C40)	21.906	432831	9.266 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 10 Sample Multiplier: 1

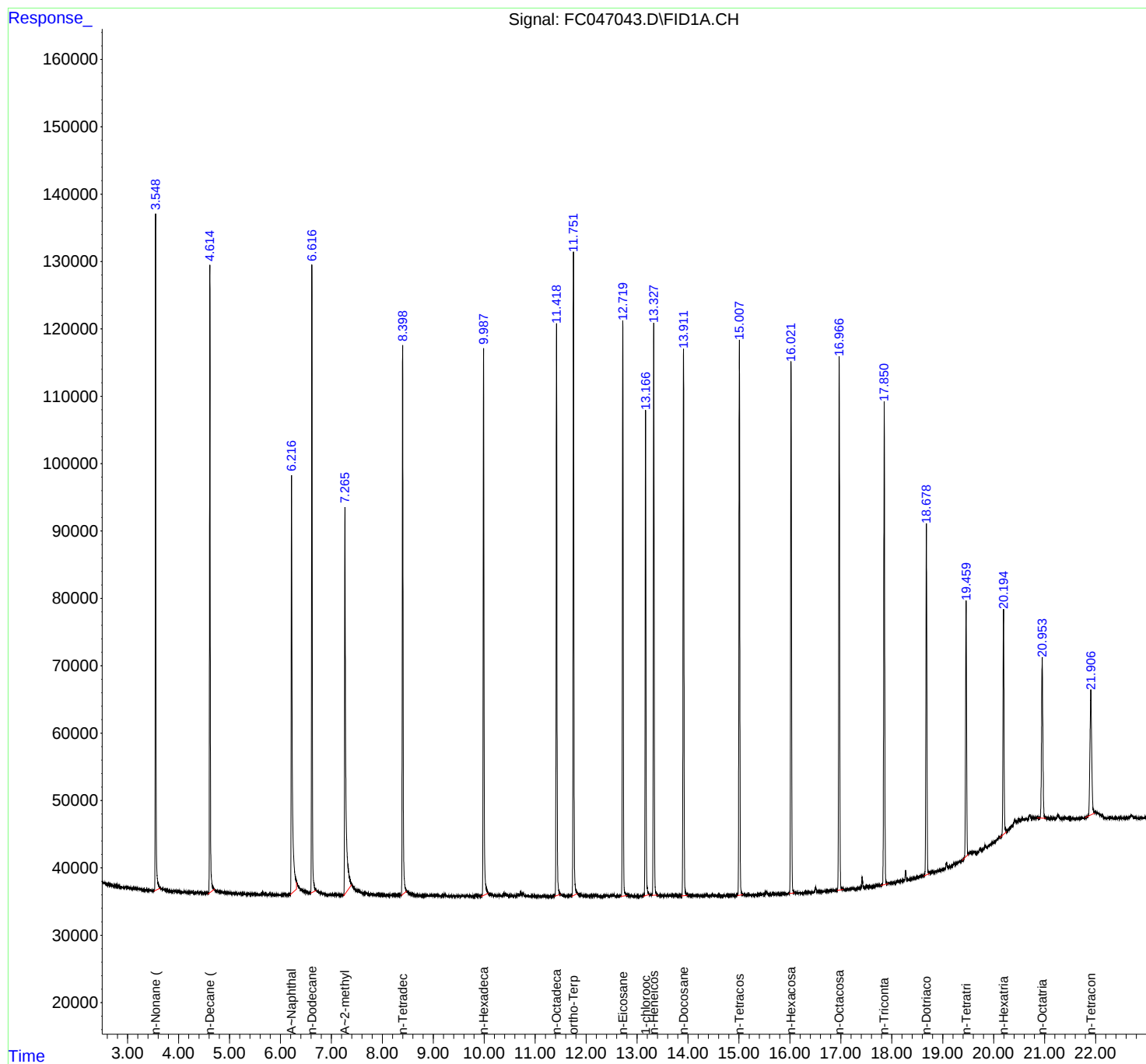
Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

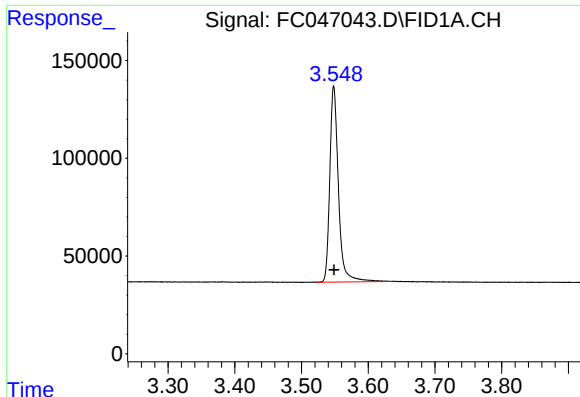
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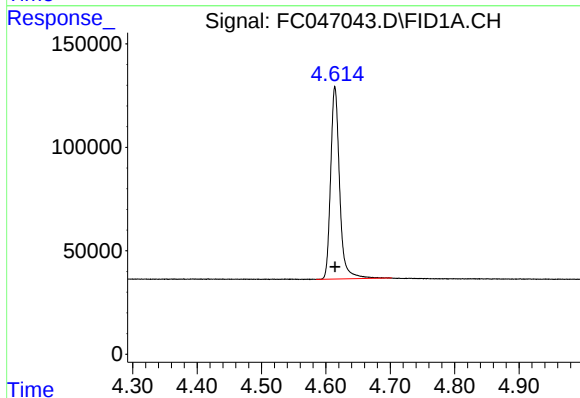
#1 n-Nonane (C9)

R.T.: 3.548 min
Delta R.T.: -0.001 min
Response: 904657
Conc: 8.91 ug/ml m

Instrument :
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10 PPM ALIPHATIC HC STD4

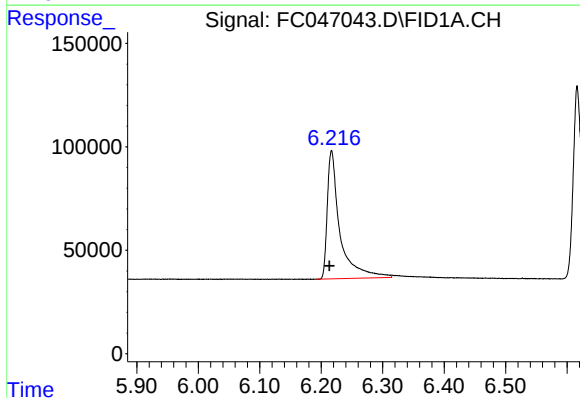
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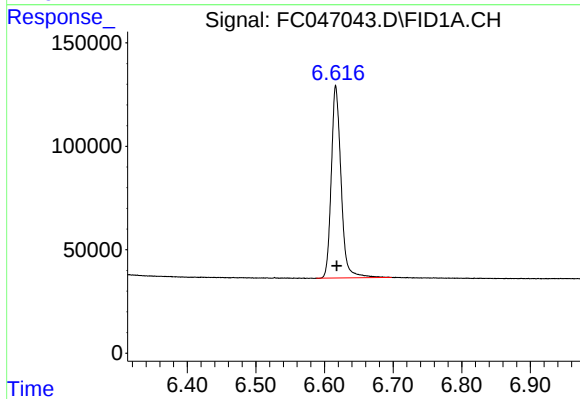
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 901224
Conc: 8.83 ug/ml m



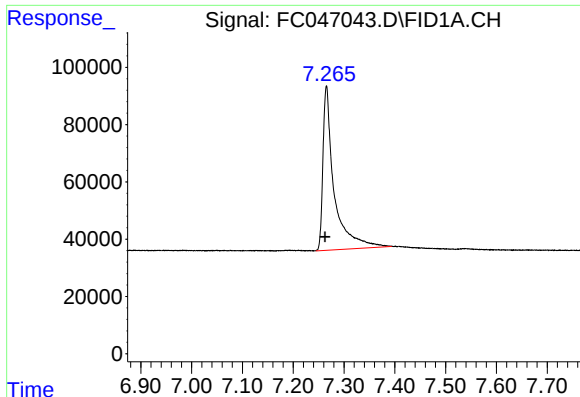
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: 0.003 min
Response: 888876
Conc: 8.06 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 920880
Conc: 8.89 ug/ml



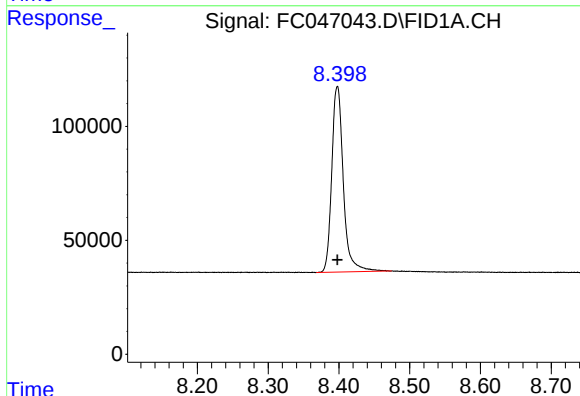
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.265 min
Delta R.T.: 0.003 min
Response: 878012
Conc: 7.94 ug/ml m

Instrument :
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10 PPM ALIPHATIC HC STD4

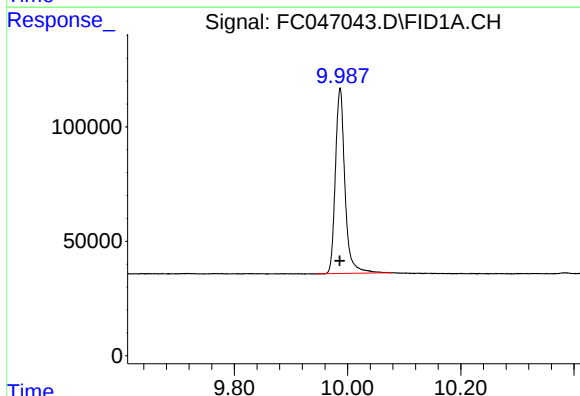
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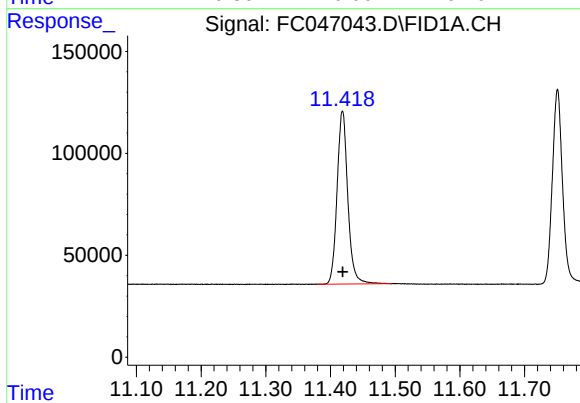
#6 n-Tetradecane (C14)

R.T.: 8.398 min
Delta R.T.: 0.000 min
Response: 925540
Conc: 8.89 ug/ml



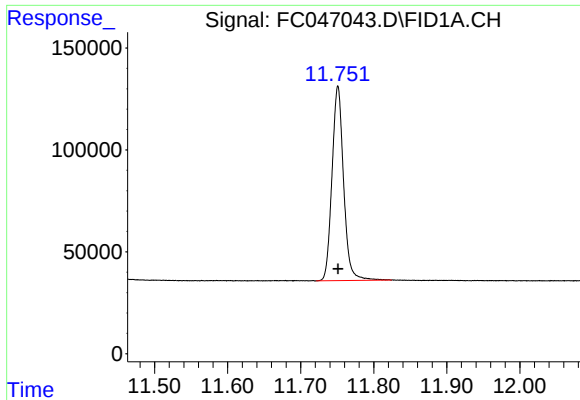
#7 n-Hexadecane (C16)

R.T.: 9.987 min
Delta R.T.: 0.000 min
Response: 953072
Conc: 9.04 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.419 min
Delta R.T.: 0.000 min
Response: 979088
Conc: 9.14 ug/ml



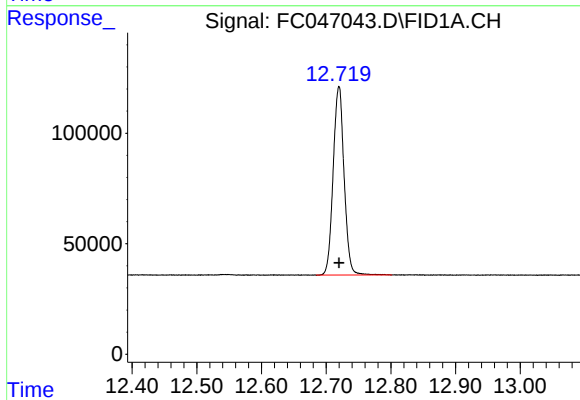
#9 ortho-Terphenyl (SURR)

R.T.: 11.751 min
Delta R.T.: 0.000 min
Response: 1051592
Conc: 9.13 ug/ml

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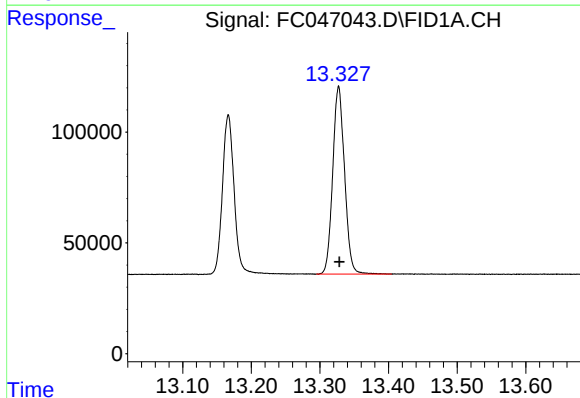
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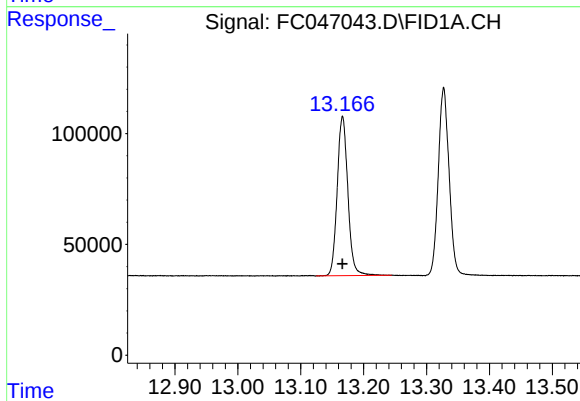
#10 n-Eicosane (C20)

R.T.: 12.720 min
Delta R.T.: 0.000 min
Response: 1003245
Conc: 9.27 ug/ml



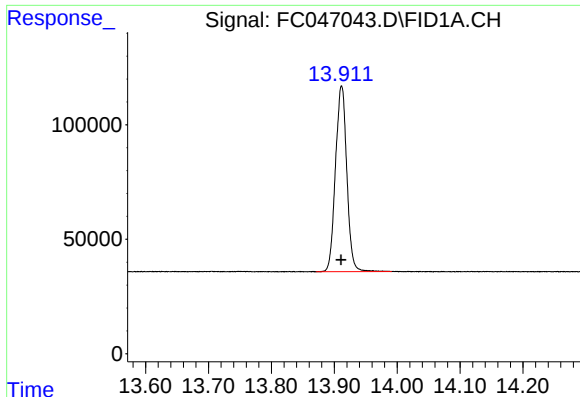
#11 n-Heneicosane (C21)

R.T.: 13.327 min
Delta R.T.: -0.001 min
Response: 1014743
Conc: 9.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.166 min
Delta R.T.: 0.000 min
Response: 847570
Conc: 9.17 ug/ml



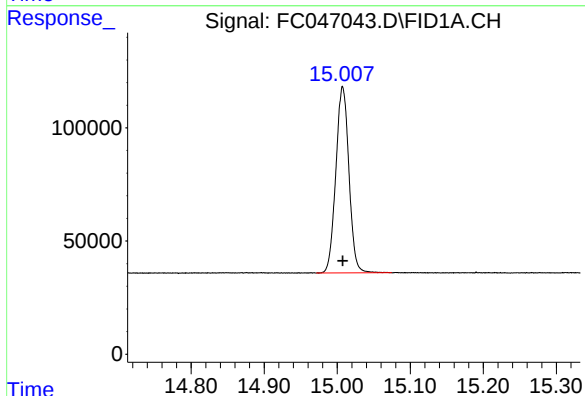
#13 n-Docosane (C22)

R.T.: 13.912 min
Delta R.T.: 0.000 min
Response: 1014523
Conc: 9.27 ug/ml

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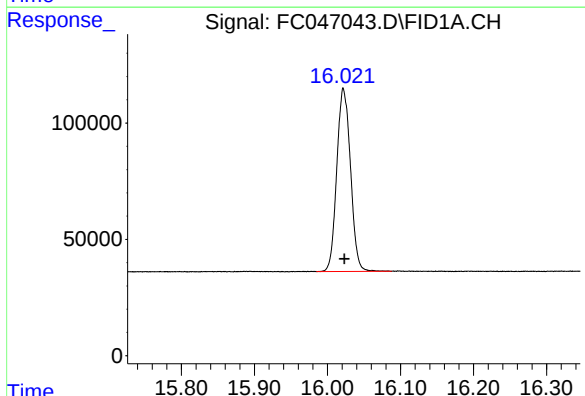
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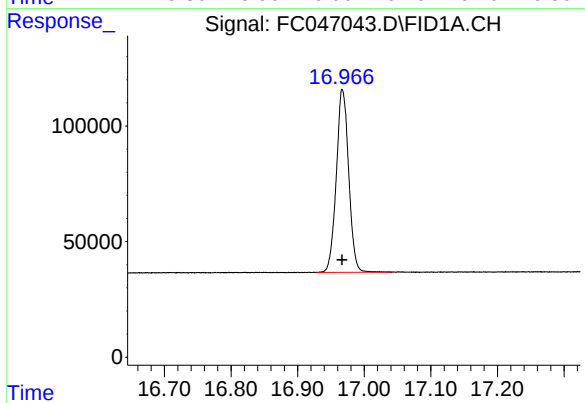
#14 n-Tetracosane (C24)

R.T.: 15.008 min
Delta R.T.: 0.000 min
Response: 1025470
Conc: 9.26 ug/ml



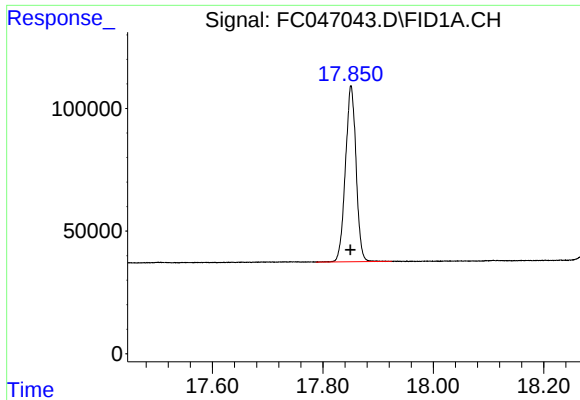
#15 n-Hexacosane (C26)

R.T.: 16.022 min
Delta R.T.: 0.000 min
Response: 1027046
Conc: 9.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.968 min
Delta R.T.: 0.000 min
Response: 1021932
Conc: 9.38 ug/ml



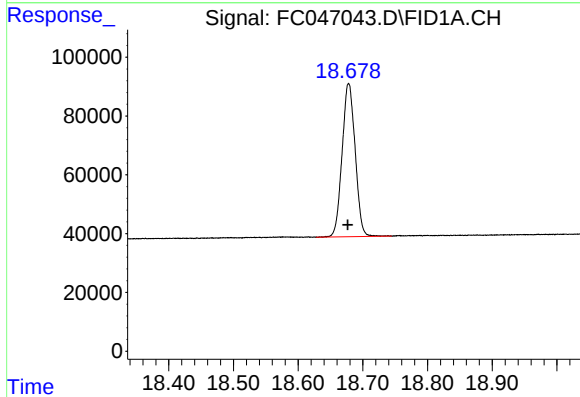
#17 n-Tricontane (C30)

R.T.: 17.851 min
Delta R.T.: 0.001 min
Response: 957153
Conc: 9.42 ug/ml

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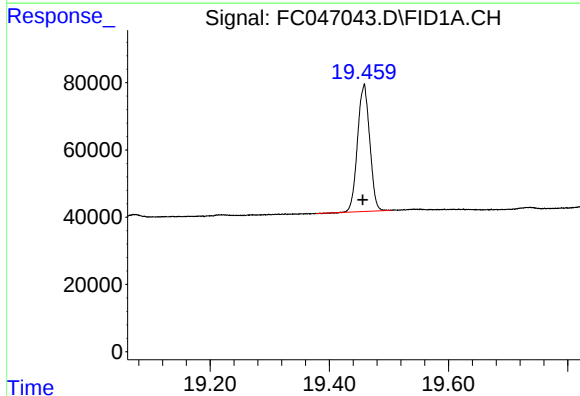
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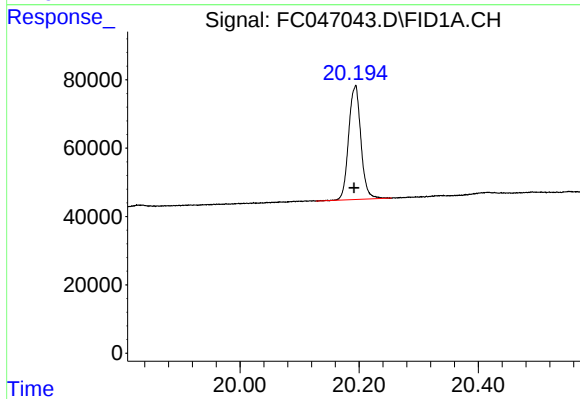
#18 n-Dotriacontane (C32)

R.T.: 18.678 min
Delta R.T.: 0.001 min
Response: 729192
Conc: 9.47 ug/ml



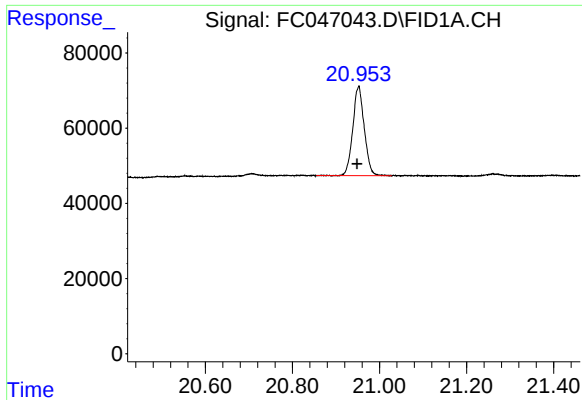
#19 n-Tetratriacontane (C34)

R.T.: 19.458 min
Delta R.T.: 0.002 min
Response: 533605
Conc: 9.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.193 min
Delta R.T.: 0.002 min
Response: 474897
Conc: 9.54 ug/ml



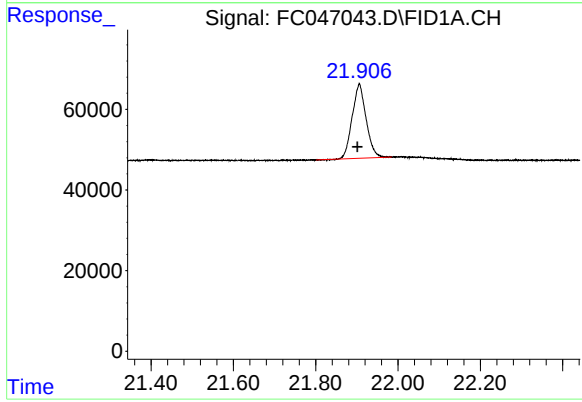
#21 n-Octatriacontane (C38)

R.T.: 20.952 min
Delta R.T.: 0.003 min
Response: 433390
Conc: 9.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.906 min
Delta R.T.: 0.005 min
Response: 432831
Conc: 9.27 ug/ml