

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112122AL\
 Data File : FC062214.D
 Signal(s) : FID1A.ch
 Acq On : 21 Nov 2022 10:04
 Operator : YP/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

Reviewed By :Yogesh Patel 11/22/2022
 Supervised By :Ankita Jodhani 11/22/2022

Integration File: autoint1.e
 Quant Time: Nov 22 04:14:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111422.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 21 12:12:05 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.605	2878277	21.087 ug/ml
Spiked Amount 50.000		Recovery =	42.17%
12) S 1-chlorooctadecane (S...	13.042	2148738	21.138 ug/ml
Spiked Amount 50.000		Recovery =	42.28%
Target Compounds			
1) T n-Nonane (C9)	3.354	2849954	20.476 ug/ml
2) T n-Decane (C10)	4.422	2828831	20.908 ug/ml
3) T A~Naphthalene (C11.7)	6.014	3069770	20.954 ug/ml
4) T n-Dodecane (C12)	6.446	2844804	21.295 ug/ml
5) T A~2-methylnaphthalene...	7.073	2842273	21.195 ug/ml
6) T n-Tetradecane (C14)	8.243	2841671	21.768 ug/ml
7) T n-Hexadecane (C16)	9.845	2853398	22.009 ug/ml
8) T n-Octadecane (C18)	11.288	2785944	21.818 ug/ml
10) T n-Eicosane (C20)	12.598	2610769	21.478 ug/ml
11) T n-Heneicosane (C21)	13.210	2569085	21.316 ug/ml
13) T n-Docosane (C22)	13.796	2506922	21.266 ug/ml
14) T n-Tetracosane (C24)	14.899	2433311	21.147 ug/ml
15) T n-Hexacosane (C26)	15.921	2366647	21.240 ug/ml
16) T n-Octacosane (C28)	16.870	2357312	21.500 ug/ml
17) T n-Tricontane (C30)	17.758	2406163	21.972 ug/ml
18) T n-Dotriacontane (C32)	18.590	2444221	22.130 ug/ml
19) T n-Tetratriacontane (C34)	19.374	2353535	21.526 ug/ml
20) T n-Hexatriacontane (C36)	20.112	2229603	21.274 ug/ml
21) T n-Octatriacontane (C38)	20.858	2185880	21.120 ug/ml
22) T n-Tetracontane (C40)	21.784	2079916	20.262 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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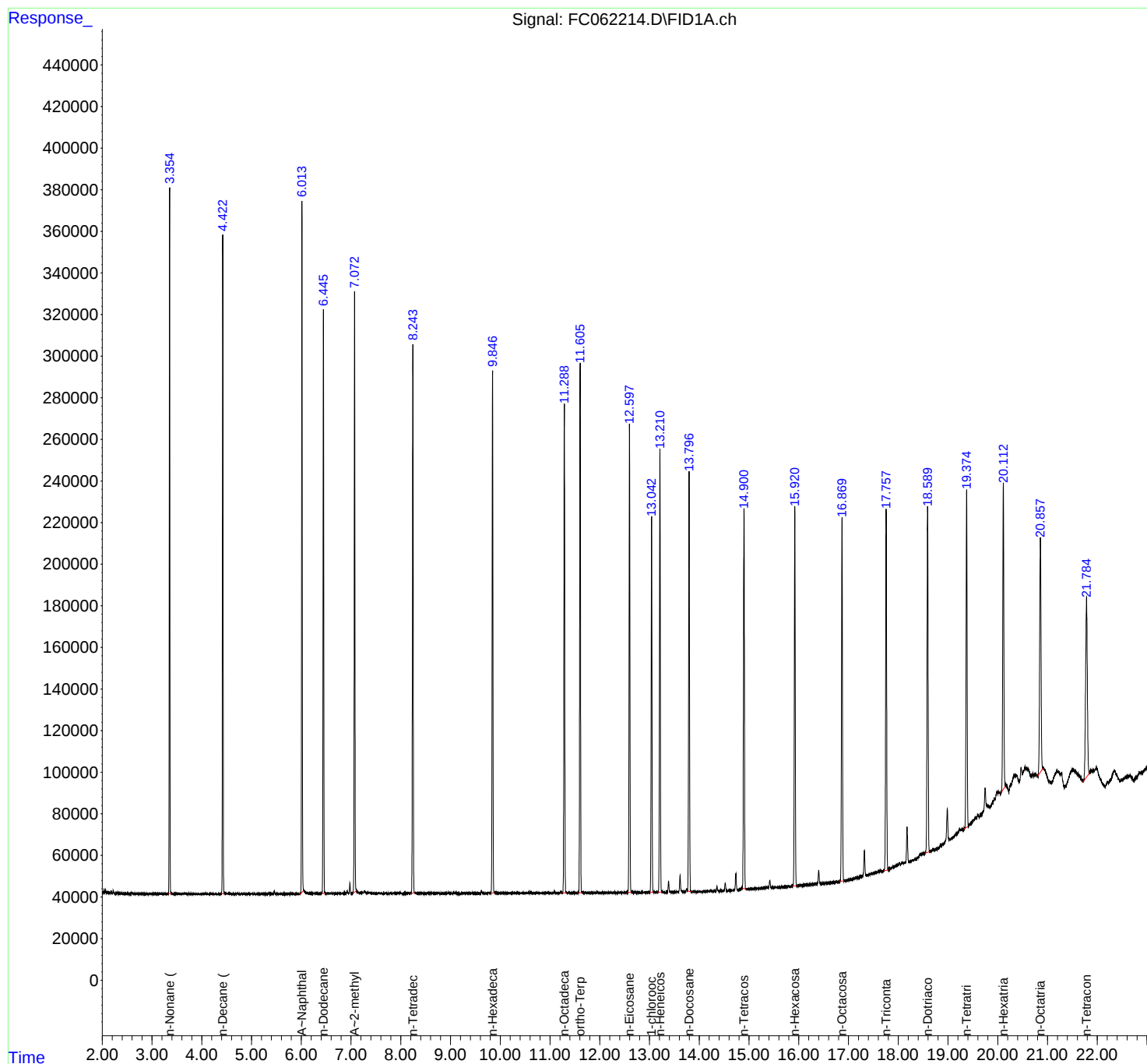
Instrument :
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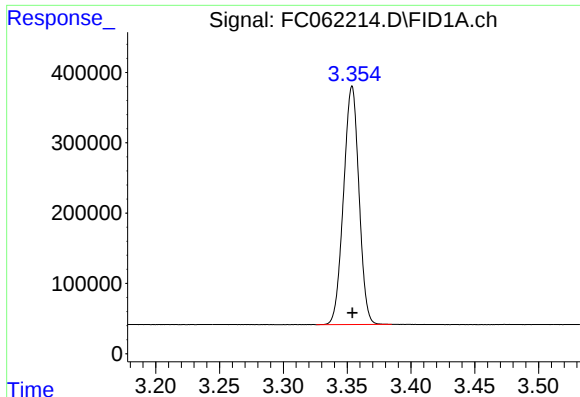
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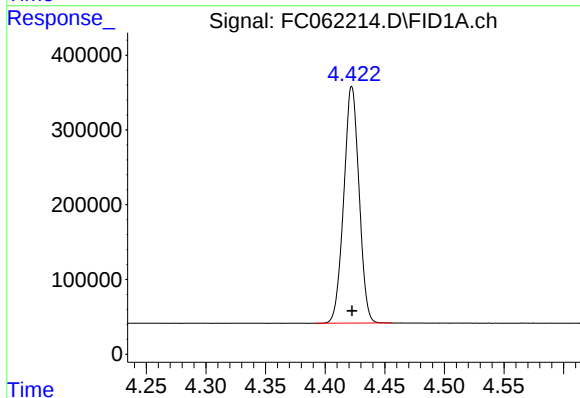
#1 n-Nonane (C9)

R.T.: 3.354 min
Delta R.T.: 0.000 min
Response: 2849954
Conc: 20.48 ug/ml

Instrument :
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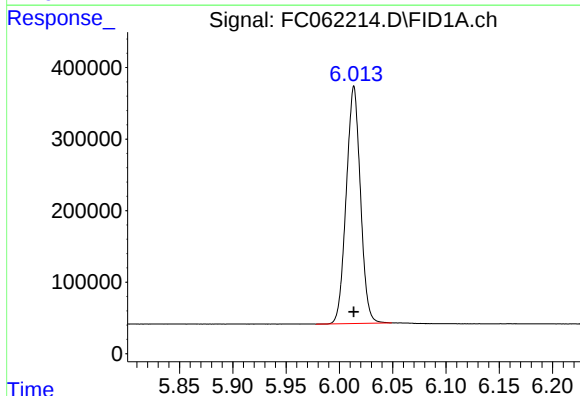
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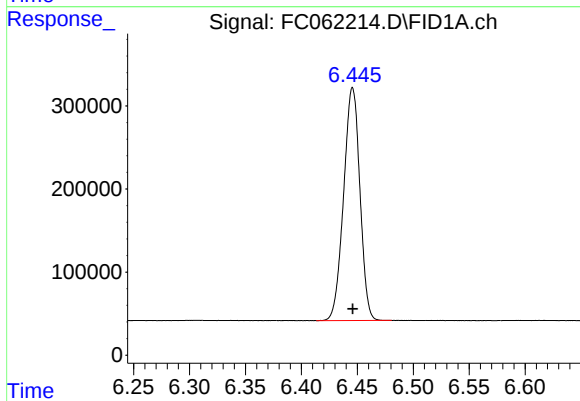
#2 n-Decane (C10)

R.T.: 4.422 min
Delta R.T.: 0.000 min
Response: 2828831
Conc: 20.91 ug/ml



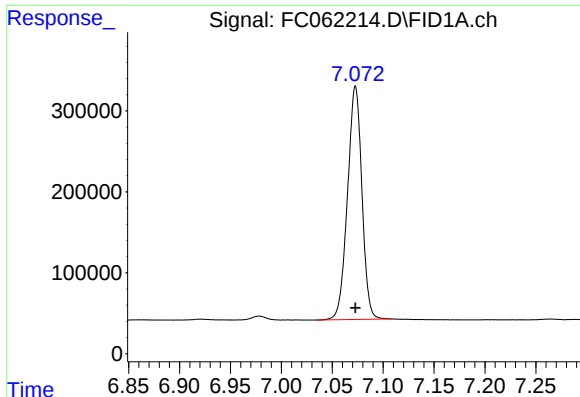
#3 A~Naphthalene (C11.7)

R.T.: 6.014 min
Delta R.T.: 0.000 min
Response: 3069770
Conc: 20.95 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.446 min
Delta R.T.: 0.000 min
Response: 2844804
Conc: 21.29 ug/ml



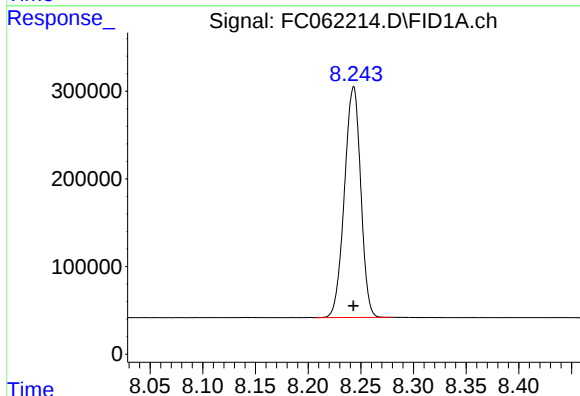
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 2842273
Conc: 21.20 ug/ml

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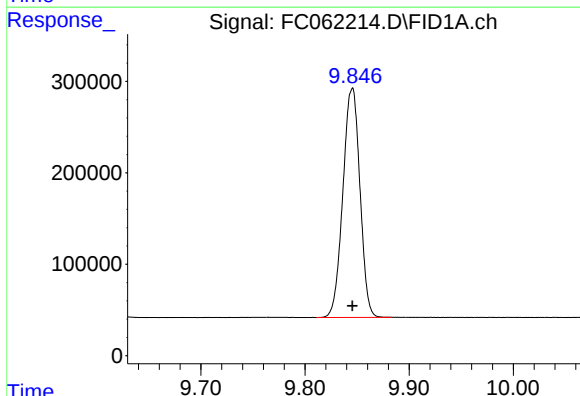
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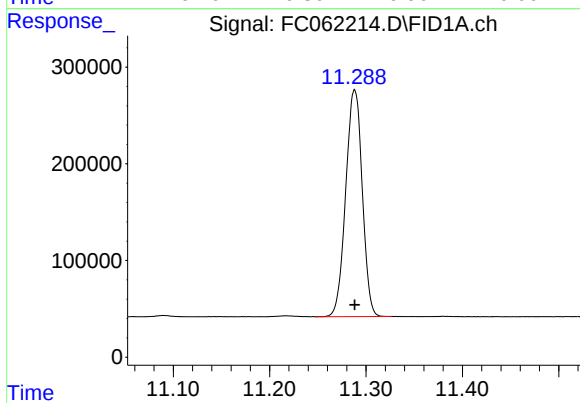
#6 n-Tetradecane (C14)

R.T.: 8.243 min
Delta R.T.: 0.000 min
Response: 2841671
Conc: 21.77 ug/ml



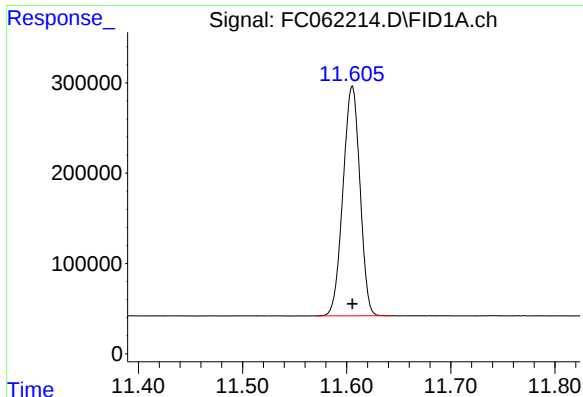
#7 n-Hexadecane (C16)

R.T.: 9.845 min
Delta R.T.: 0.000 min
Response: 2853398
Conc: 22.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.288 min
Delta R.T.: 0.000 min
Response: 2785944
Conc: 21.82 ug/ml



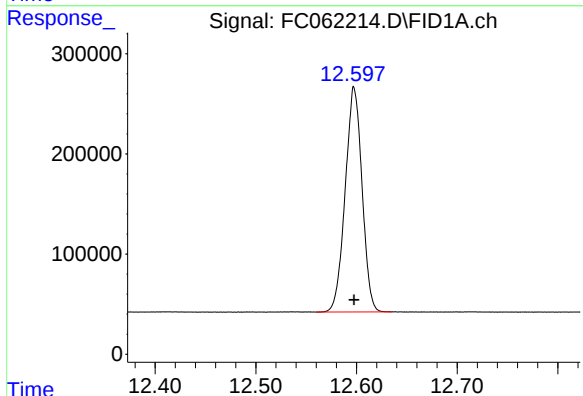
#9 ortho-Terphenyl (SURR)

R.T.: 11.605 min
Delta R.T.: 0.000 min
Response: 2878277
Conc: 21.09 ug/ml

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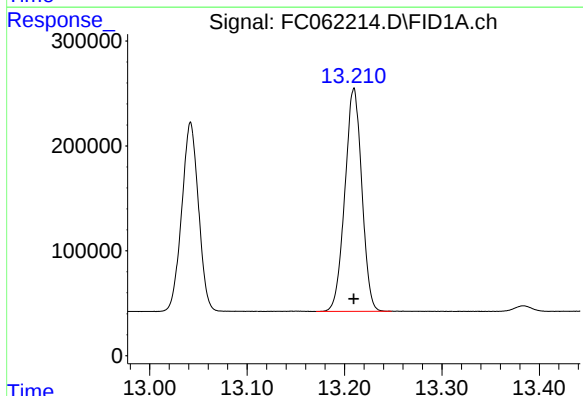
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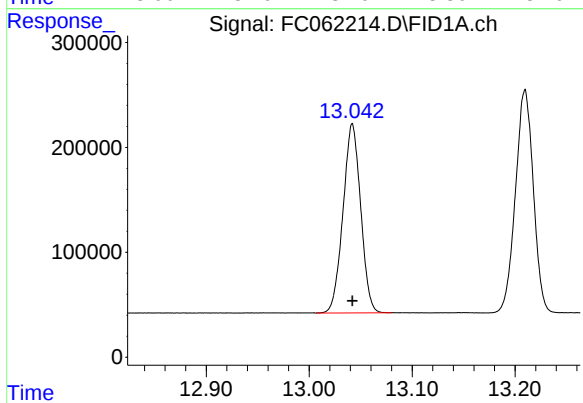
#10 n-Eicosane (C20)

R.T.: 12.598 min
Delta R.T.: 0.000 min
Response: 2610769
Conc: 21.48 ug/ml



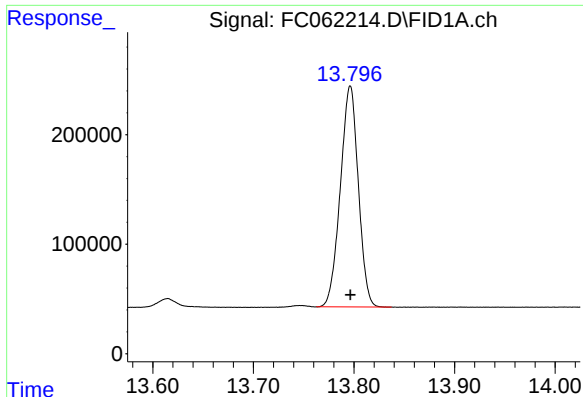
#11 n-Heneicosane (C21)

R.T.: 13.210 min
Delta R.T.: 0.000 min
Response: 2569085
Conc: 21.32 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.042 min
Delta R.T.: 0.000 min
Response: 2148738
Conc: 21.14 ug/ml



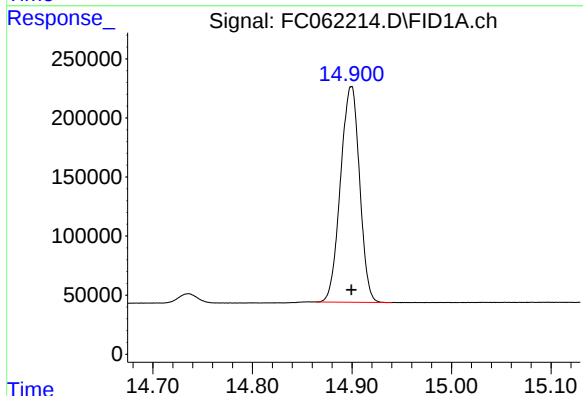
#13 n-Docosane (C22)

R.T.: 13.796 min
Delta R.T.: 0.000 min
Response: 2506922
Conc: 21.27 ug/ml

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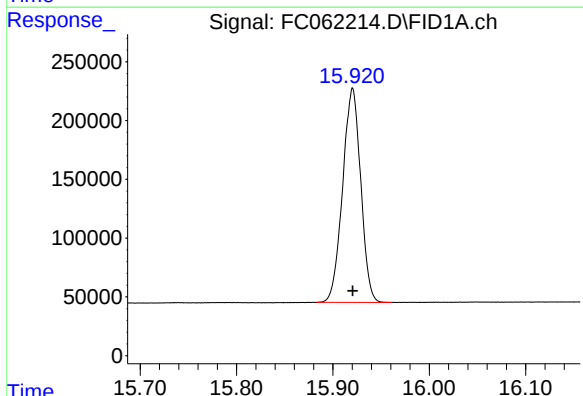
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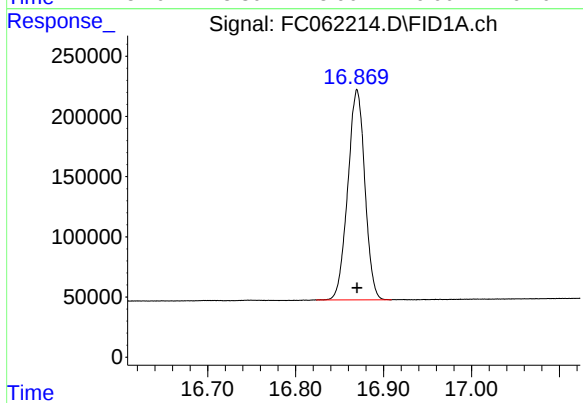
#14 n-Tetracosane (C24)

R.T.: 14.899 min
Delta R.T.: 0.000 min
Response: 2433311
Conc: 21.15 ug/ml



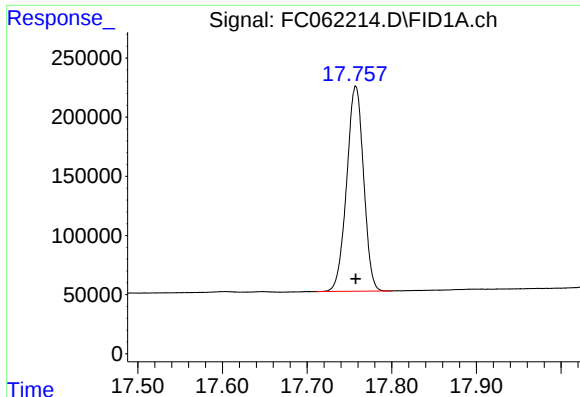
#15 n-Hexacosane (C26)

R.T.: 15.921 min
Delta R.T.: 0.000 min
Response: 2366647
Conc: 21.24 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.870 min
Delta R.T.: 0.000 min
Response: 2357312
Conc: 21.50 ug/ml



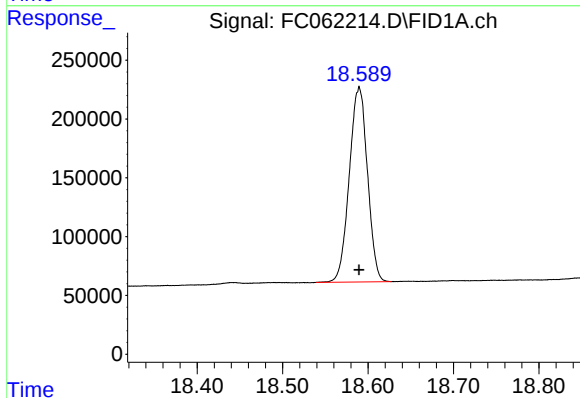
#17 n-Tricontane (C30)

R.T.: 17.758 min
Delta R.T.: 0.000 min
Response: 2406163
Conc: 21.97 ug/ml

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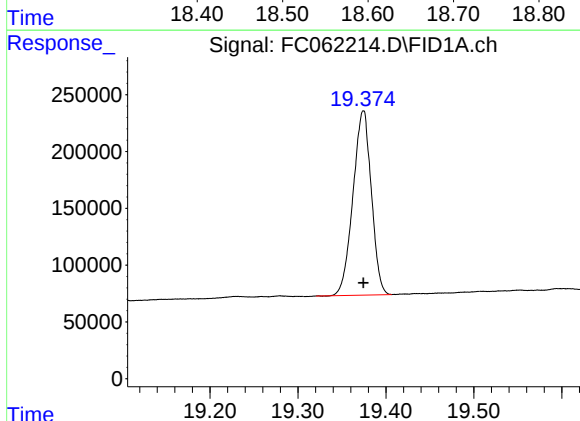
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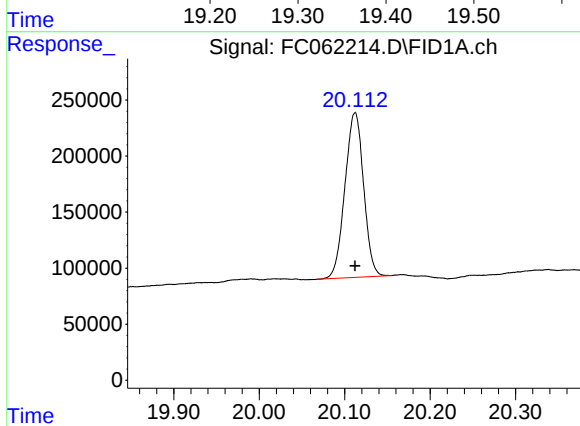
#18 n-Dotriacontane (C32)

R.T.: 18.590 min
Delta R.T.: 0.000 min
Response: 2444221
Conc: 22.13 ug/ml



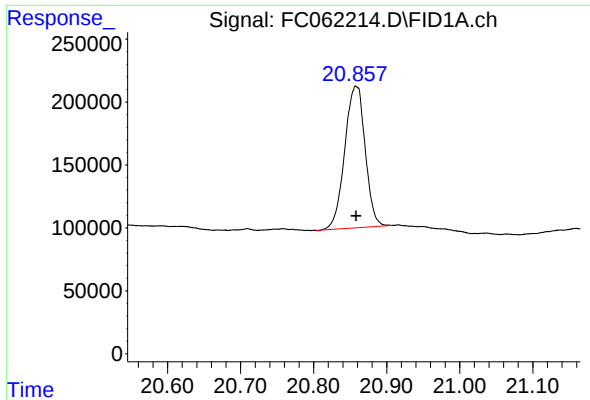
#19 n-Tetratriacontane (C34)

R.T.: 19.374 min
Delta R.T.: 0.000 min
Response: 2353535
Conc: 21.53 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.112 min
Delta R.T.: 0.000 min
Response: 2229603
Conc: 21.27 ug/ml



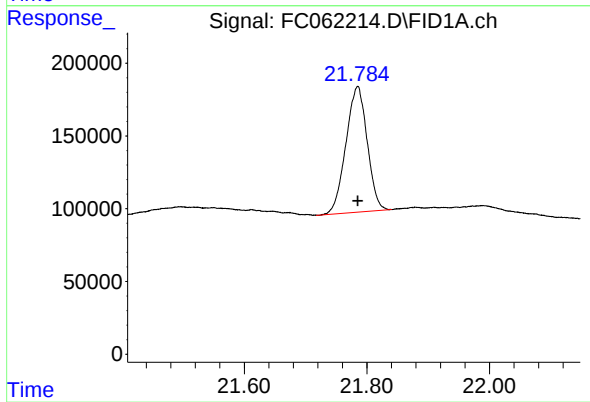
#21 n-Octatriacontane (C38)

R.T.: 20.858 min
Delta R.T.: 0.000 min
Response: 2185880
Conc: 21.12 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.784 min
Delta R.T.: 0.000 min
Response: 2079916
Conc: 20.26 ug/ml m