

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101222AL\
 Data File : FC061797.D
 Signal(s) : FID1A.ch
 Acq On : 14 Oct 2022 02:31
 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 10/14/2022
 Supervised By :Ankita Jodhani 10/14/2022

Integration File: autoint1.e
 Quant Time: Oct 14 04:52:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 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)	11.590	2841539	16.627 ug/ml
Spiked Amount 50.000		Recovery =	33.25%
12) S 1-chlorooctadecane (S...	13.028	2239339	16.392 ug/ml
Spiked Amount 50.000		Recovery =	32.78%
Target Compounds			
1) T n-Nonane (C9)	3.346	2665032	17.854 ug/ml
2) T n-Decane (C10)	4.414	2785399	18.466 ug/ml
3) T A~Naphthalene (C11.7)	6.000	2974531	17.937 ug/ml
4) T n-Dodecane (C12)	6.431	2825031	18.578 ug/ml
5) T A~2-methylnaphthalene...	7.056	2946638	17.913 ug/ml
6) T n-Tetradecane (C14)	8.228	2820318	18.499 ug/ml
7) T n-Hexadecane (C16)	9.830	2815305	18.207 ug/ml
8) T n-Octadecane (C18)	11.272	2796558	17.740 ug/ml
10) T n-Eicosane (C20)	12.583	2732010	17.144 ug/ml
11) T n-Heneicosane (C21)	13.195	2661798	16.591 ug/ml
13) T n-Docosane (C22)	13.782	2690231	16.745 ug/ml
14) T n-Tetracosane (C24)	14.885	2680339	16.732 ug/ml
15) T n-Hexacosane (C26)	15.906	2665299	16.813 ug/ml
16) T n-Octacosane (C28)	16.856	2720318	17.551 ug/ml
17) T n-Tricontane (C30)	17.744	2951106	19.177 ug/ml
18) T n-Dotriacontane (C32)	18.577	2979837	19.707 ug/ml
19) T n-Tetratriacontane (C34)	19.360	2699538	19.039 ug/ml
20) T n-Hexatriacontane (C36)	20.098	2462912	17.840 ug/mlm
21) T n-Octatriacontane (C38)	20.839	2455084	18.957 ug/mlm
22) T n-Tetracontane (C40)	21.757	2315171	18.945 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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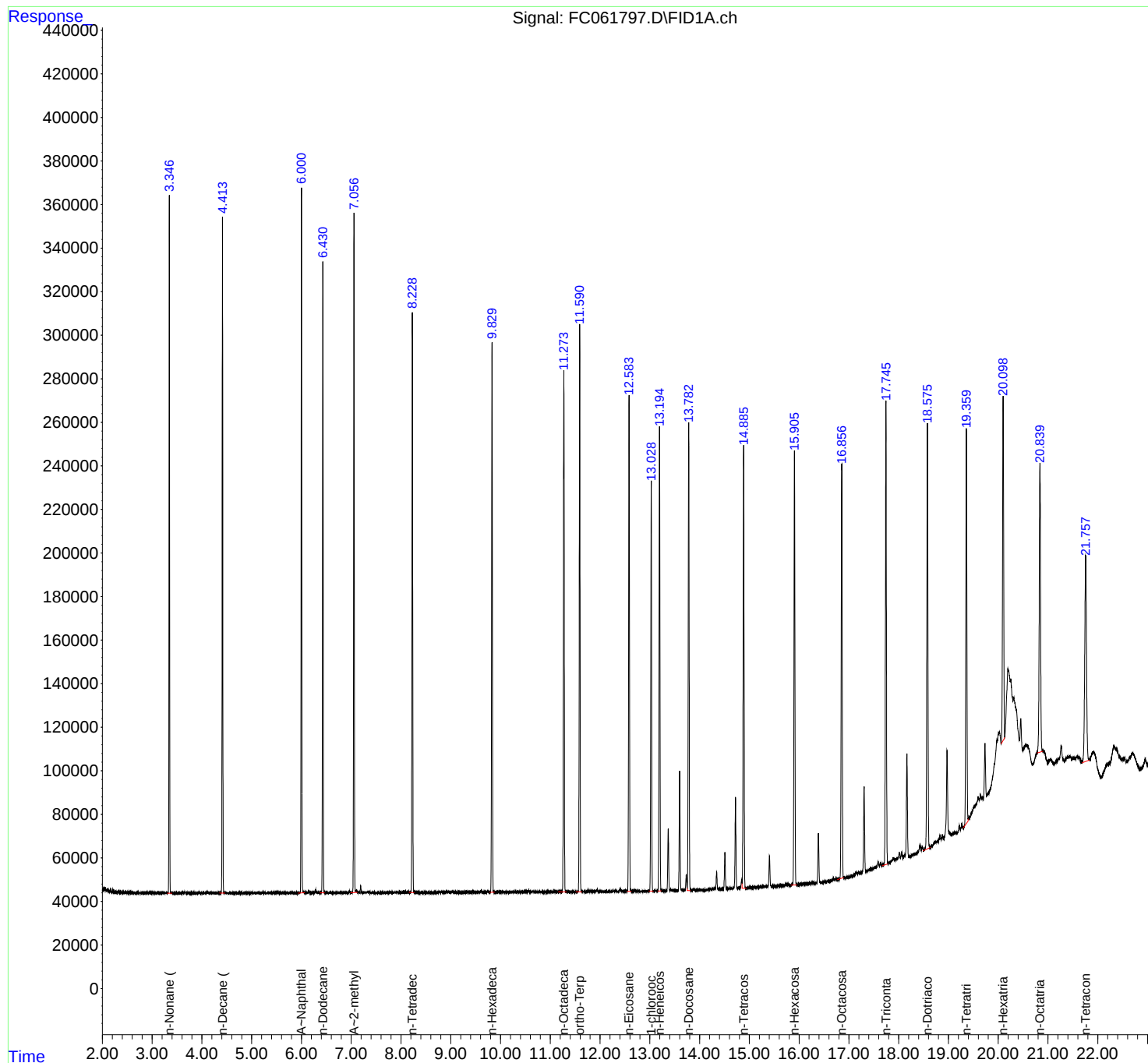
Instrument :
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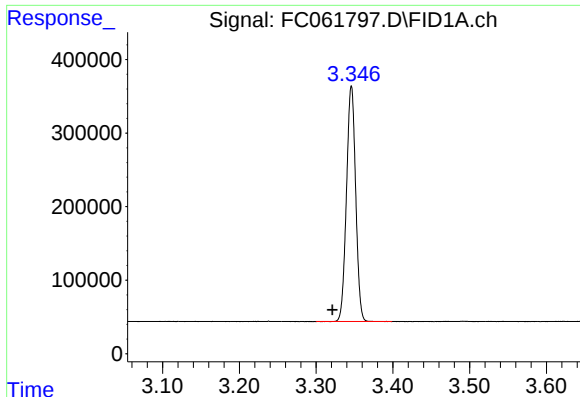
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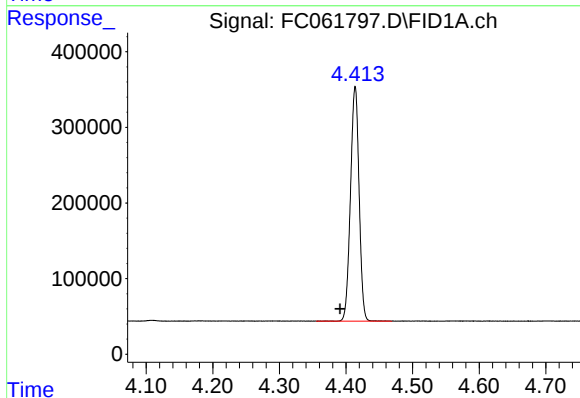
#1 n-Nonane (C9)

R.T.: 3.346 min
Delta R.T.: 0.025 min
Response: 2665032
Conc: 17.85 ug/ml

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20 PPM ALIPHATIC HC STD

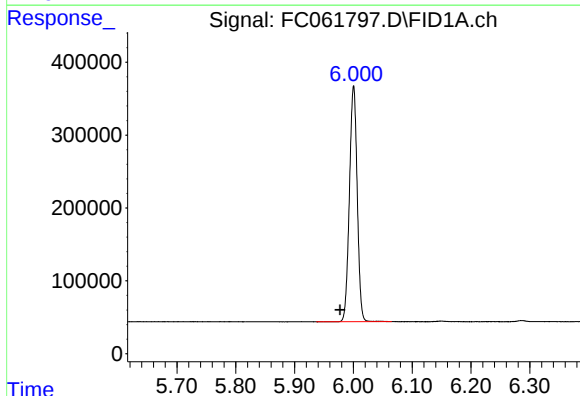
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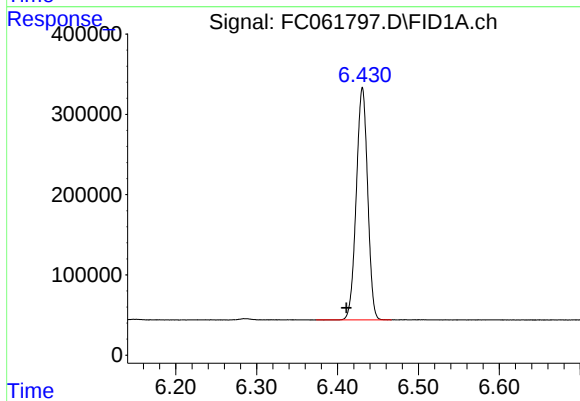
#2 n-Decane (C10)

R.T.: 4.414 min
Delta R.T.: 0.022 min
Response: 2785399
Conc: 18.47 ug/ml



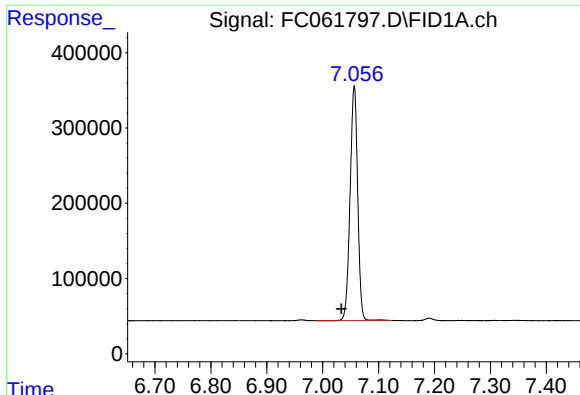
#3 A~Naphthalene (C11.7)

R.T.: 6.000 min
Delta R.T.: 0.023 min
Response: 2974531
Conc: 17.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.431 min
Delta R.T.: 0.020 min
Response: 2825031
Conc: 18.58 ug/ml



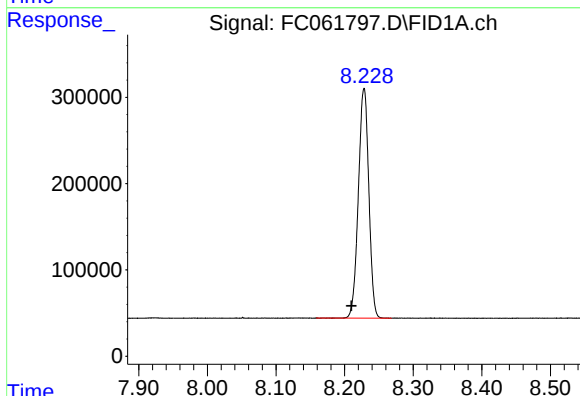
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.056 min
Delta R.T.: 0.023 min
Response: 2946638
Conc: 17.91 ug/ml

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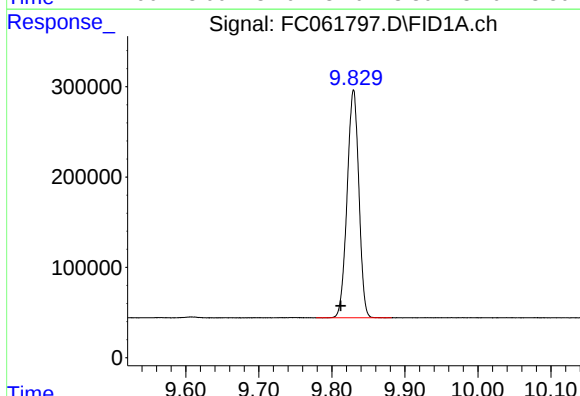
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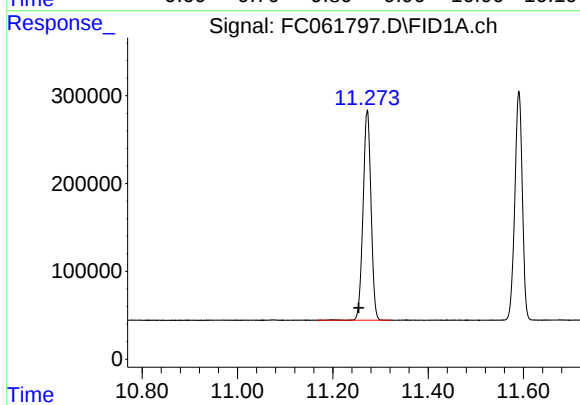
#6 n-Tetradecane (C14)

R.T.: 8.228 min
Delta R.T.: 0.019 min
Response: 2820318
Conc: 18.50 ug/ml



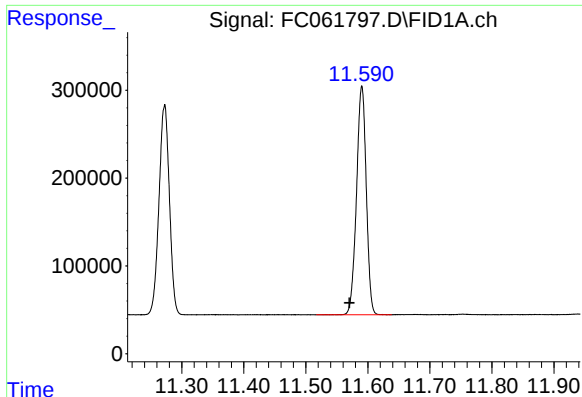
#7 n-Hexadecane (C16)

R.T.: 9.830 min
Delta R.T.: 0.018 min
Response: 2815305
Conc: 18.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.272 min
Delta R.T.: 0.018 min
Response: 2796558
Conc: 17.74 ug/ml



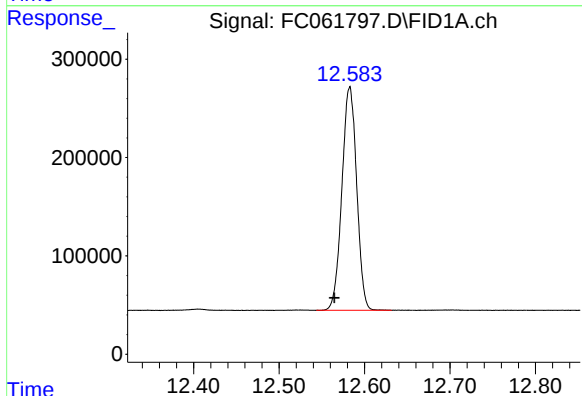
#9 ortho-Terphenyl (SURR)

R.T.: 11.590 min
Delta R.T.: 0.020 min
Response: 2841539
Conc: 16.63 ug/ml

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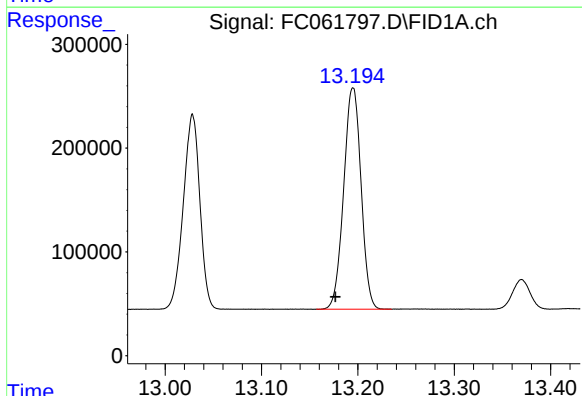
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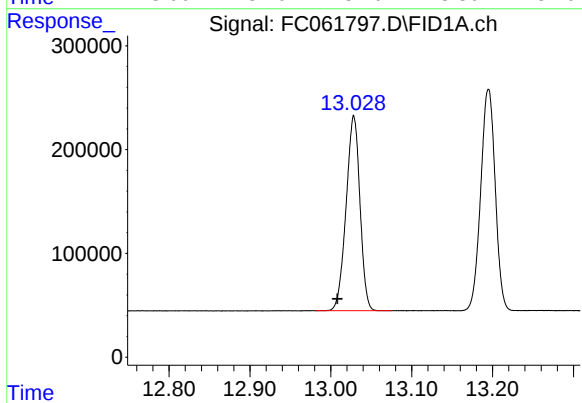
#10 n-Eicosane (C20)

R.T.: 12.583 min
Delta R.T.: 0.018 min
Response: 2732010
Conc: 17.14 ug/ml



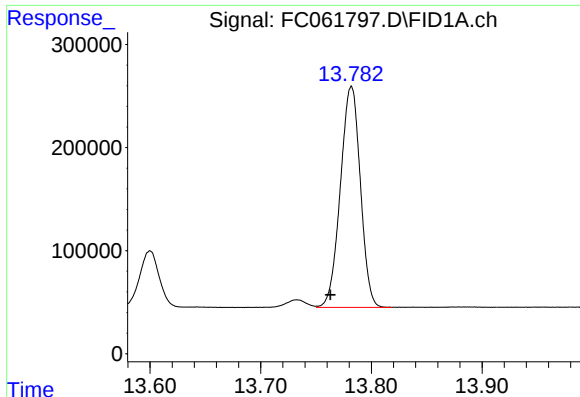
#11 n-Heneicosane (C21)

R.T.: 13.195 min
Delta R.T.: 0.018 min
Response: 2661798
Conc: 16.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.028 min
Delta R.T.: 0.020 min
Response: 2239339
Conc: 16.39 ug/ml



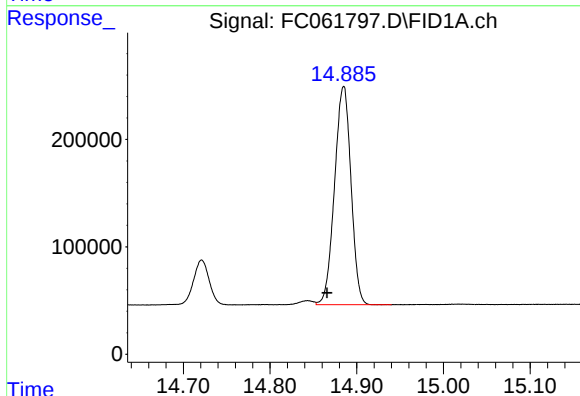
#13 n-Docosane (C22)

R.T.: 13.782 min
Delta R.T.: 0.019 min
Response: 2690231
Conc: 16.74 ug/ml

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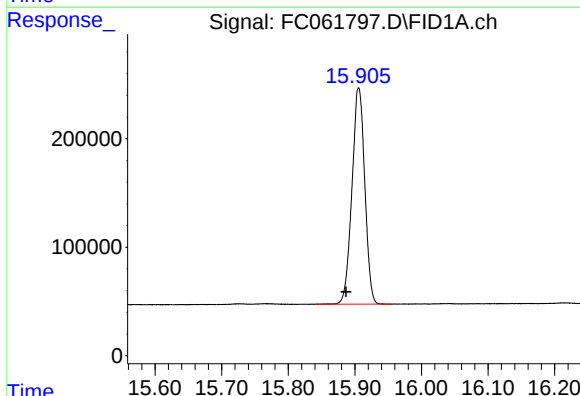
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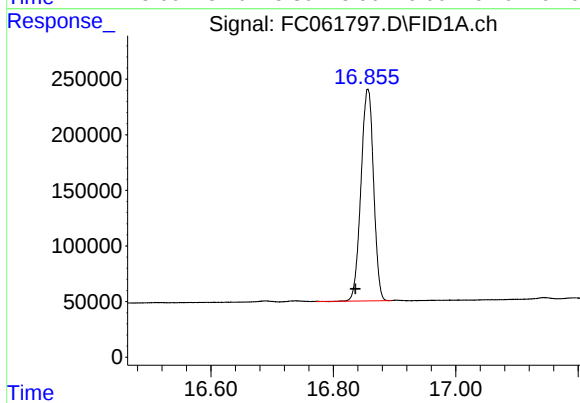
#14 n-Tetracosane (C24)

R.T.: 14.885 min
Delta R.T.: 0.019 min
Response: 2680339
Conc: 16.73 ug/ml



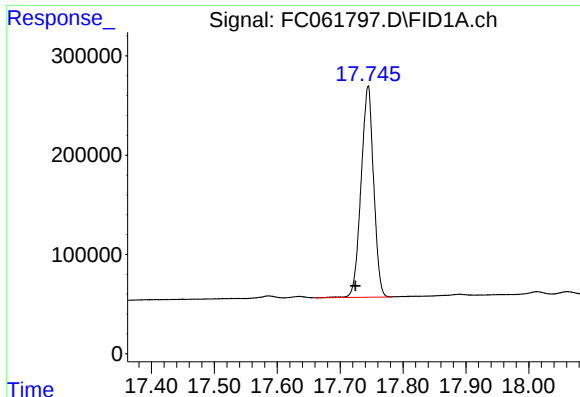
#15 n-Hexacosane (C26)

R.T.: 15.906 min
Delta R.T.: 0.019 min
Response: 2665299
Conc: 16.81 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.856 min
Delta R.T.: 0.020 min
Response: 2720318
Conc: 17.55 ug/ml



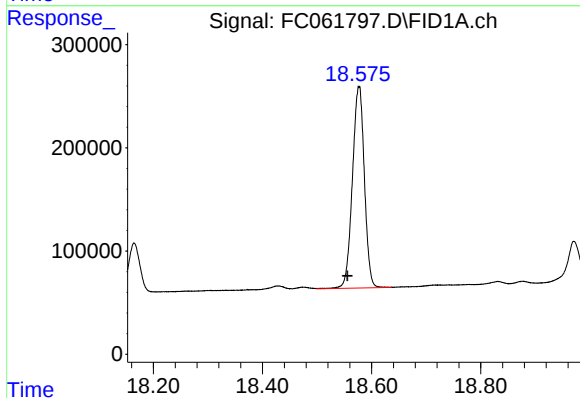
#17 n-Tricontane (C30)

R.T.: 17.744 min
Delta R.T.: 0.020 min
Response: 2951106
Conc: 19.18 ug/ml

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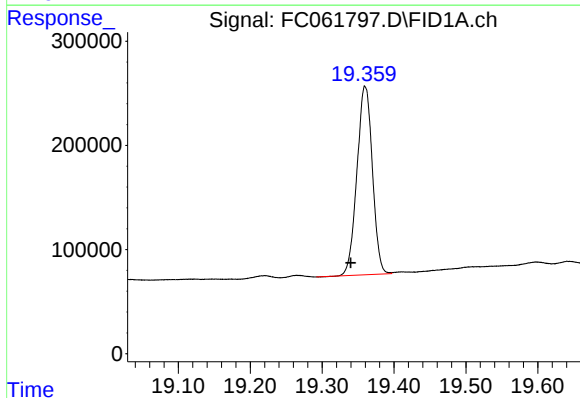
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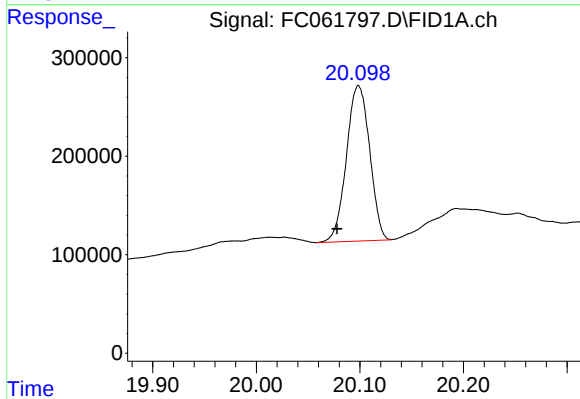
#18 n-Dotriacontane (C32)

R.T.: 18.577 min
Delta R.T.: 0.021 min
Response: 2979837
Conc: 19.71 ug/ml



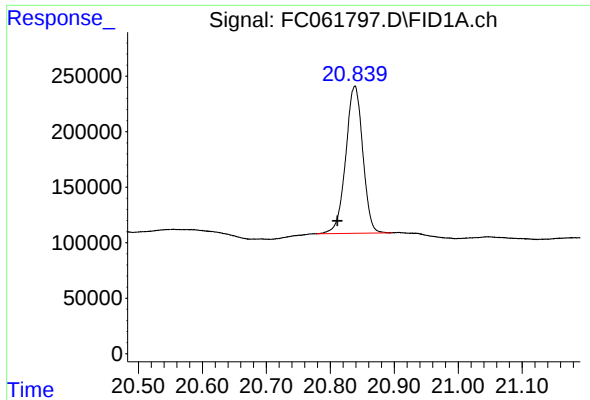
#19 n-Tetratriacontane (C34)

R.T.: 19.360 min
Delta R.T.: 0.020 min
Response: 2699538
Conc: 19.04 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.098 min
Delta R.T.: 0.020 min
Response: 2462912
Conc: 17.84 ug/ml m



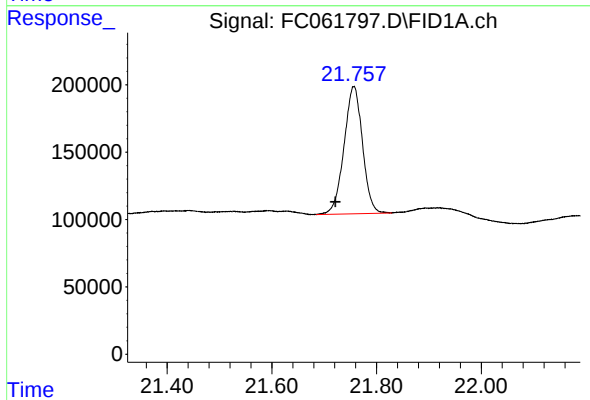
#21 n-Octatriacontane (C38)

R.T.: 20.839 min
Delta R.T.: 0.027 min
Response: 2455084
Conc: 18.96 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.757 min
Delta R.T.: 0.036 min
Response: 2315171
Conc: 18.94 ug/ml m