

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090122AL\
 Data File : FC061419.D
 Signal(s) : FID1A.ch
 Acq On : 02 Sep 2022 00:17
 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 09/02/2022
 Supervised By :Ankita Jodhani 09/02/2022

Integration File: autoint1.e
 Quant Time: Sep 02 01:28:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 31 11:58:37 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)	11.580	2906305	16.417 ug/ml
Spiked Amount 50.000		Recovery =	32.83%
12) S 1-chlorooctadecane (S...	13.017	2295568	16.391 ug/ml
Spiked Amount 50.000		Recovery =	32.78%
Target Compounds			
1) T n-Nonane (C9)	3.336	2719435	17.987 ug/ml
2) T n-Decane (C10)	4.403	2750857	18.129 ug/ml
3) T A~Naphthalene (C11.7)	5.988	3080224	17.794 ug/ml
4) T n-Dodecane (C12)	6.421	2756361	17.798 ug/ml
5) T A~2-methylnaphthalene...	7.045	3087070	17.532 ug/ml
6) T n-Tetradecane (C14)	8.218	2742023	17.530 ug/ml
7) T n-Hexadecane (C16)	9.820	2716380	17.342 ug/ml
8) T n-Octadecane (C18)	11.263	2703399	17.135 ug/ml
10) T n-Eicosane (C20)	12.572	2605366	16.759 ug/ml
11) T n-Heneicosane (C21)	13.184	2569941	16.430 ug/ml
13) T n-Docosane (C22)	13.771	2549110	16.427 ug/ml
14) T n-Tetracosane (C24)	14.873	2534871	16.386 ug/ml
15) T n-Hexacosane (C26)	15.893	2457111	16.326 ug/ml
16) T n-Octacosane (C28)	16.843	2448937	16.580 ug/ml
17) T n-Tricontane (C30)	17.731	2487853	18.012 ug/ml
18) T n-Dotriacontane (C32)	18.563	2142428	19.518 ug/ml
19) T n-Tetratriacontane (C34)	19.347	1599914	20.728 ug/mlm
20) T n-Hexatriacontane (C36)	20.084	1244095	22.036 ug/mlm
21) T n-Octatriacontane (C38)	20.819	1021453	22.018 ug/mlm
22) T n-Tetracontane (C40)	21.736	935654	22.307 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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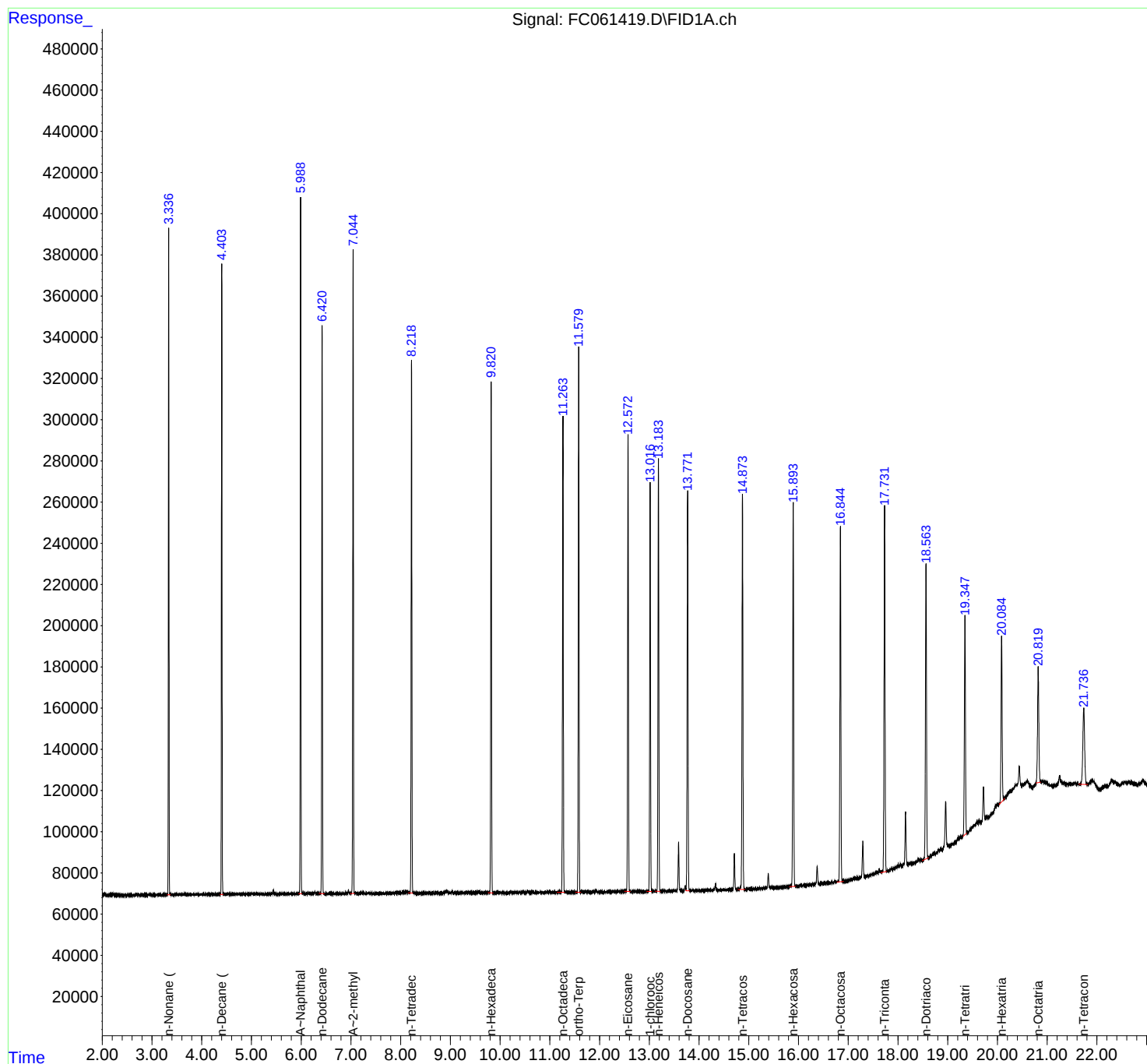
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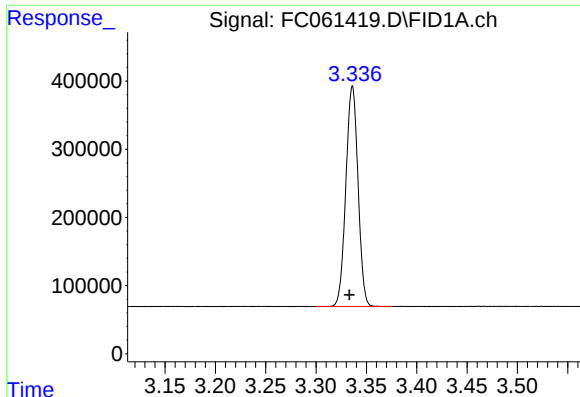
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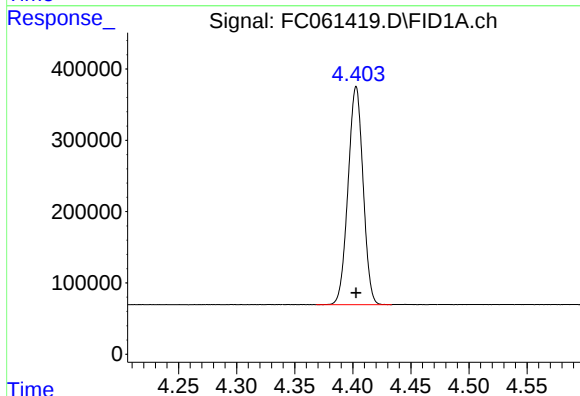
#1 n-Nonane (C9)

R.T.: 3.336 min
Delta R.T.: 0.003 min
Response: 2719435
Conc: 17.99 ug/ml

Instrument : FID_C
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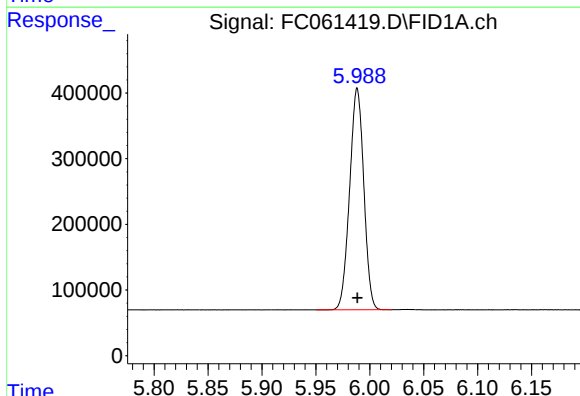
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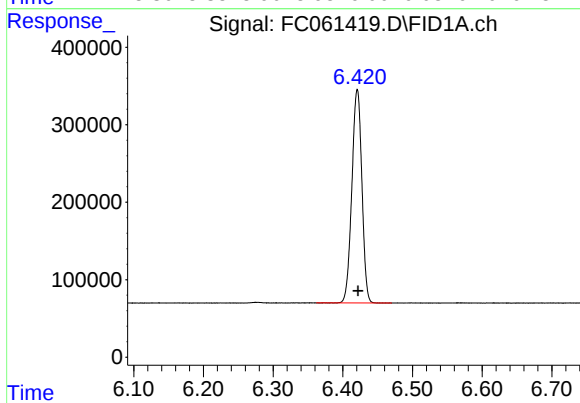
#2 n-Decane (C10)

R.T.: 4.403 min
Delta R.T.: 0.000 min
Response: 2750857
Conc: 18.13 ug/ml



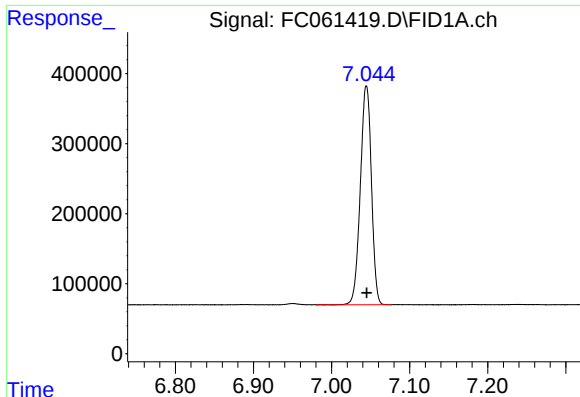
#3 A~Naphthalene (C11.7)

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 3080224
Conc: 17.79 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.421 min
Delta R.T.: -0.001 min
Response: 2756361
Conc: 17.80 ug/ml



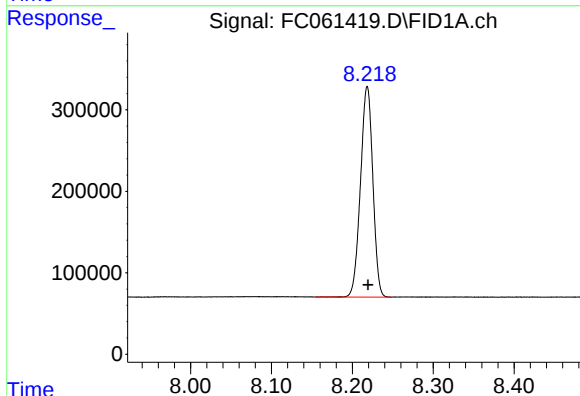
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.045 min
Delta R.T.: 0.000 min
Response: 3087070
Conc: 17.53 ug/ml

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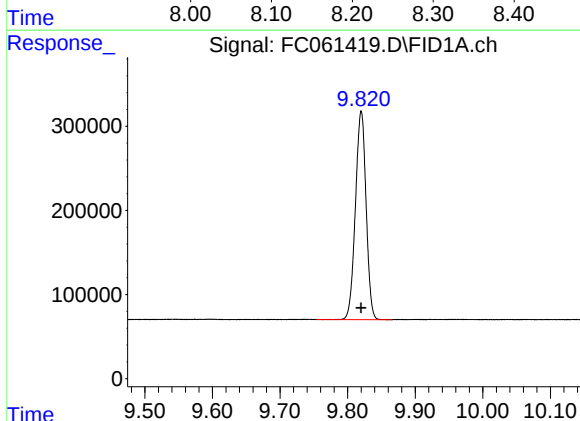
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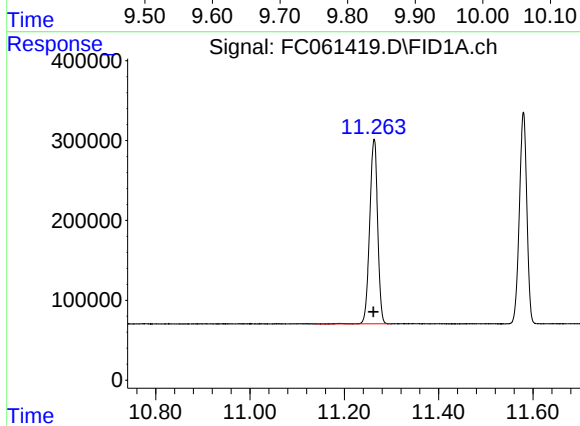
#6 n-Tetradecane (C14)

R.T.: 8.218 min
Delta R.T.: -0.001 min
Response: 2742023
Conc: 17.53 ug/ml



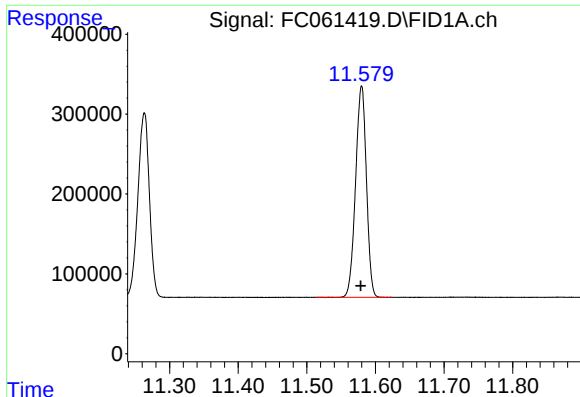
#7 n-Hexadecane (C16)

R.T.: 9.820 min
Delta R.T.: 0.000 min
Response: 2716380
Conc: 17.34 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.263 min
Delta R.T.: 0.001 min
Response: 2703399
Conc: 17.14 ug/ml



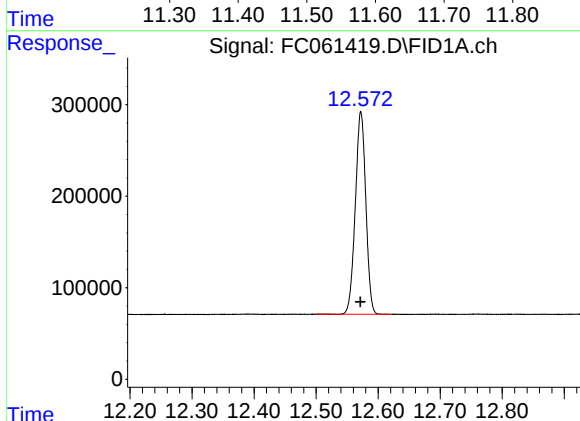
#9 ortho-Terphenyl (SURR)

R.T.: 11.580 min
Delta R.T.: 0.001 min
Response: 2906305
Conc: 16.42 ug/ml

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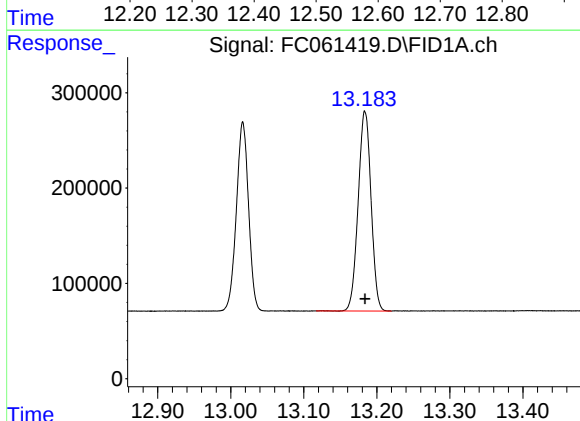
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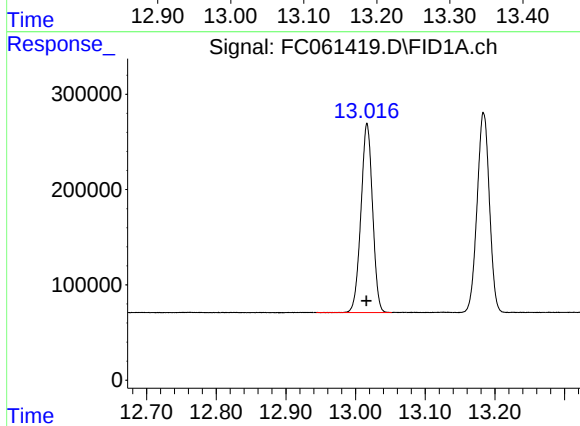
#10 n-Eicosane (C20)

R.T.: 12.572 min
Delta R.T.: 0.000 min
Response: 2605366
Conc: 16.76 ug/ml



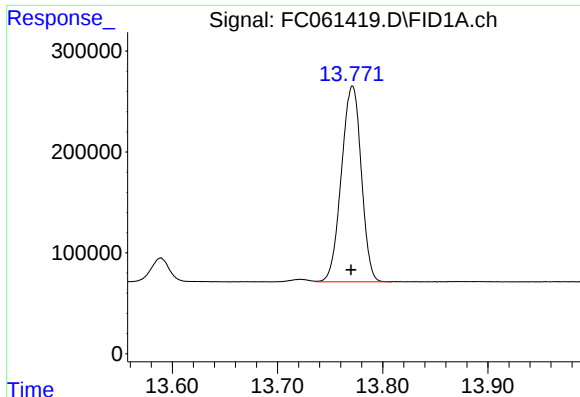
#11 n-Heneicosane (C21)

R.T.: 13.184 min
Delta R.T.: 0.000 min
Response: 2569941
Conc: 16.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.017 min
Delta R.T.: 0.000 min
Response: 2295568
Conc: 16.39 ug/ml



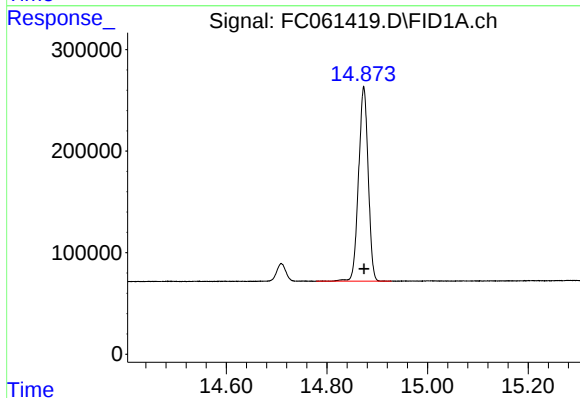
#13 n-Docosane (C22)

R.T.: 13.771 min
Delta R.T.: 0.001 min
Response: 2549110
Conc: 16.43 ug/ml

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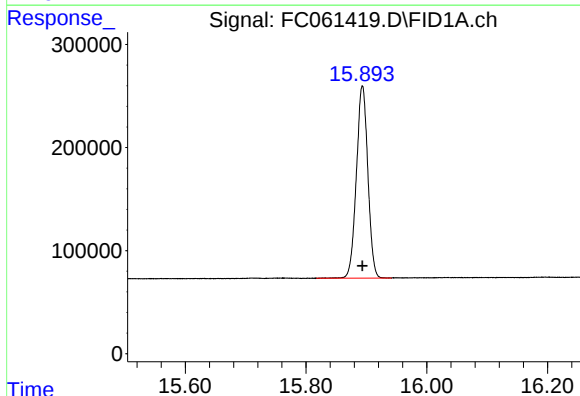
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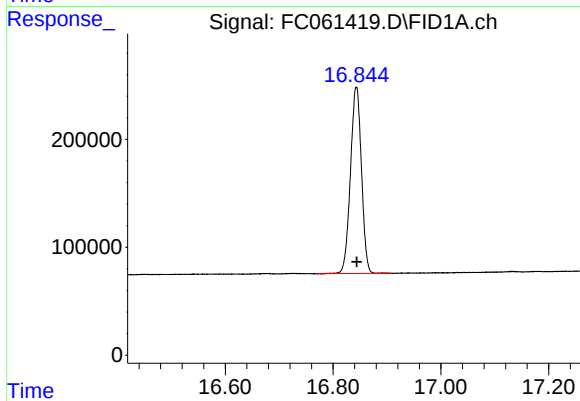
#14 n-Tetracosane (C24)

R.T.: 14.873 min
Delta R.T.: 0.000 min
Response: 2534871
Conc: 16.39 ug/ml



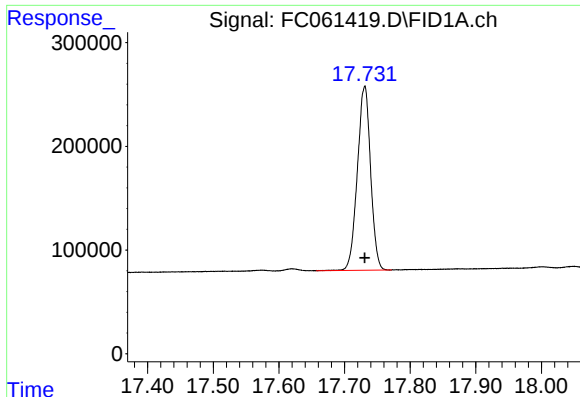
#15 n-Hexacosane (C26)

R.T.: 15.893 min
Delta R.T.: 0.000 min
Response: 2457111
Conc: 16.33 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.843 min
Delta R.T.: 0.000 min
Response: 2448937
Conc: 16.58 ug/ml



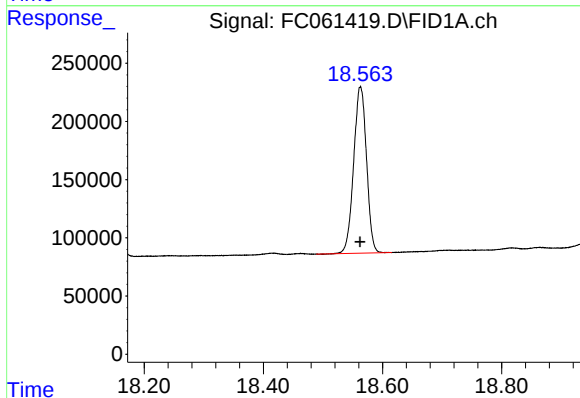
#17 n-Tricontane (C30)

R.T.: 17.731 min
Delta R.T.: 0.000 min
Response: 2487853
Conc: 18.01 ug/ml

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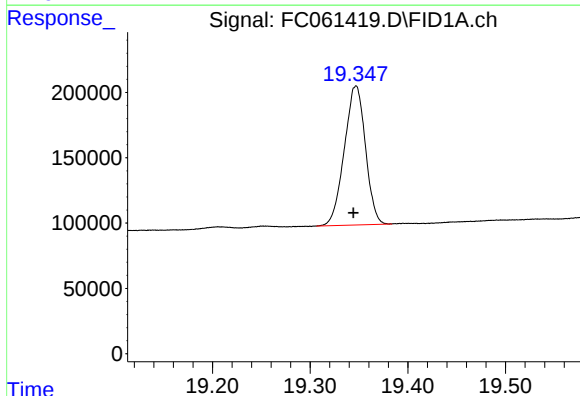
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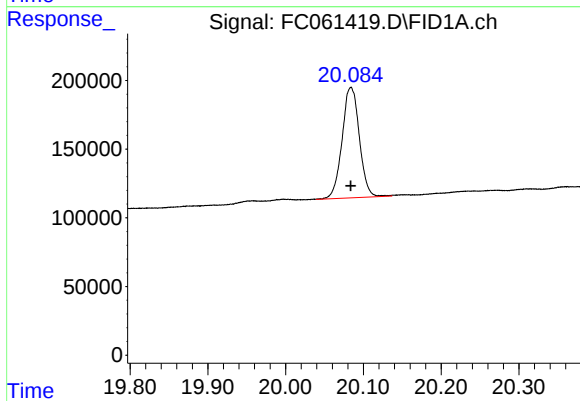
#18 n-Dotriacontane (C32)

R.T.: 18.563 min
Delta R.T.: 0.000 min
Response: 2142428
Conc: 19.52 ug/ml



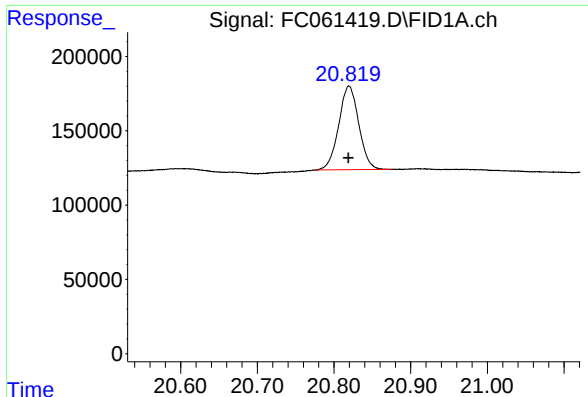
#19 n-Tetratriacontane (C34)

R.T.: 19.347 min
Delta R.T.: 0.003 min
Response: 1599914
Conc: 20.73 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.084 min
Delta R.T.: 0.000 min
Response: 1244095
Conc: 22.04 ug/ml m



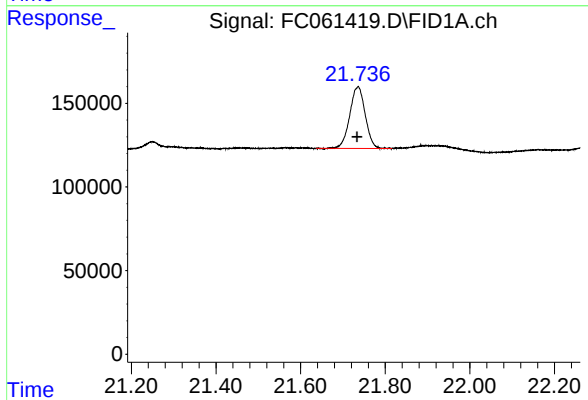
#21 n-Octatriacontane (C38)

R.T.: 20.819 min
Delta R.T.: 0.000 min
Response: 1021453
Conc: 22.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.736 min
Delta R.T.: 0.002 min
Response: 935654
Conc: 22.31 ug/ml