

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101122AL\
 Data File : FC061763.D
 Signal(s) : FID1A.ch
 Acq On : 12 Oct 2022 00:57
 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 10/12/2022
 Supervised By :Ankita Jodhani 10/13/2022

Integration File: autoint1.e
 Quant Time: Oct 12 06:20:25 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)	11.587	3319545	19.424 ug/ml
Spiked Amount 50.000		Recovery =	38.85%
12) S 1-chlorooctadecane (S...	13.024	2633131	19.275 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
Target Compounds			
1) T n-Nonane (C9)	3.348	3019848	20.231 ug/ml
2) T n-Decane (C10)	4.414	3130240	20.752 ug/ml
3) T A~Naphthalene (C11.7)	5.999	3386529	20.421 ug/ml
4) T n-Dodecane (C12)	6.429	3181010	20.919 ug/ml
5) T A~2-methylnaphthalene...	7.054	3332727	20.260 ug/ml
6) T n-Tetradecane (C14)	8.226	3198678	20.981 ug/ml
7) T n-Hexadecane (C16)	9.828	3220006	20.824 ug/ml
8) T n-Octadecane (C18)	11.270	3228854	20.482 ug/ml
10) T n-Eicosane (C20)	12.580	3190722	20.023 ug/ml
11) T n-Heneicosane (C21)	13.191	3122290	19.461 ug/ml
13) T n-Docosane (C22)	13.778	3165239	19.701 ug/ml
14) T n-Tetracosane (C24)	14.881	3158042	19.714 ug/ml
15) T n-Hexacosane (C26)	15.901	3122290	19.696 ug/ml
16) T n-Octacosane (C28)	16.851	3117960	20.116 ug/ml
17) T n-Tricontane (C30)	17.739	3262594	21.201 ug/ml
18) T n-Dotriacontane (C32)	18.570	3233392	21.384 ug/ml
19) T n-Tetratriacontane (C34)	19.354	2855929	20.142 ug/ml
20) T n-Hexatriacontane (C36)	20.093	2723895	19.730 ug/ml
21) T n-Octatriacontane (C38)	20.830	2619231	20.225 ug/mlm
22) T n-Tetracontane (C40)	21.741	2510815	20.546 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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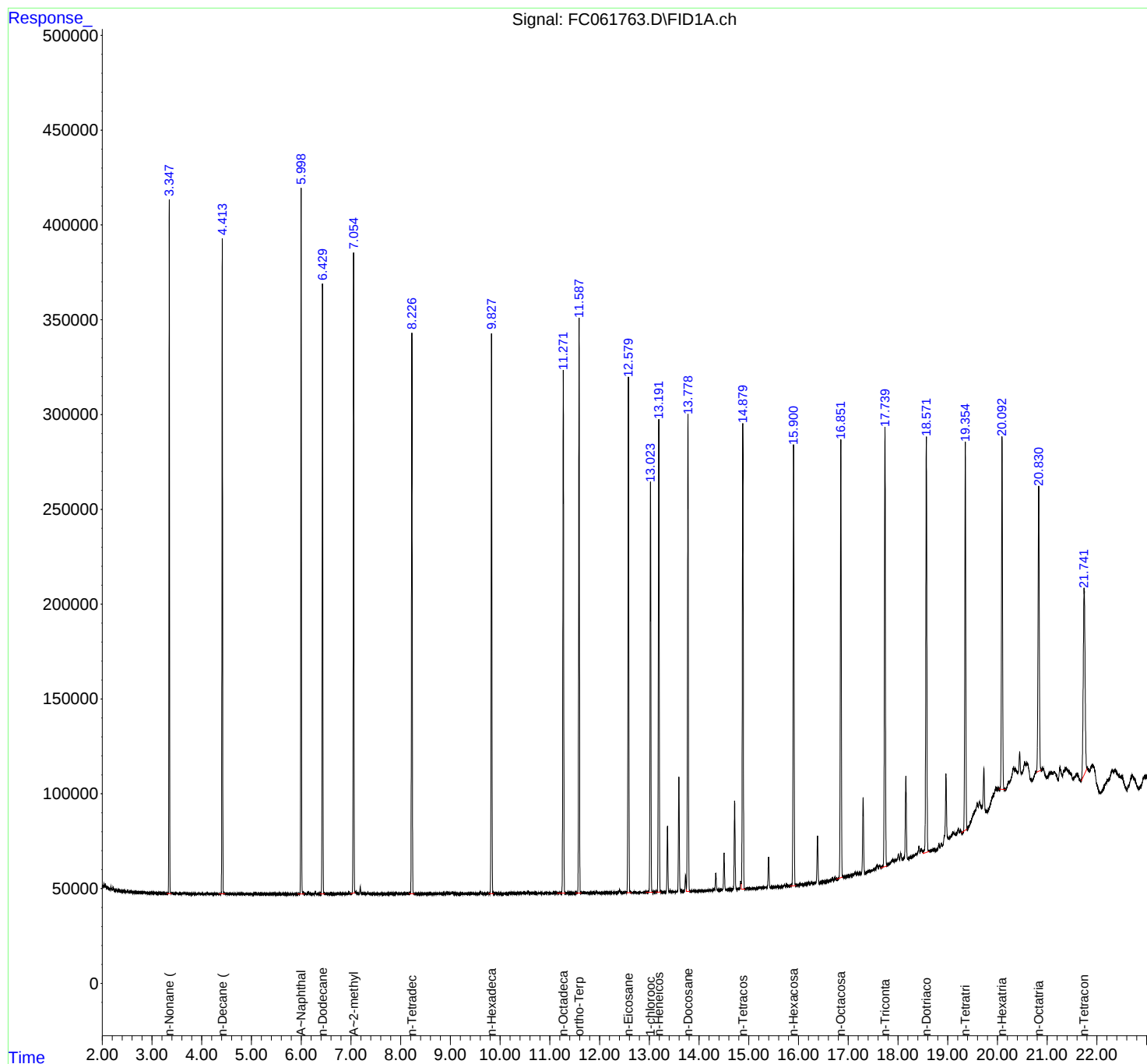
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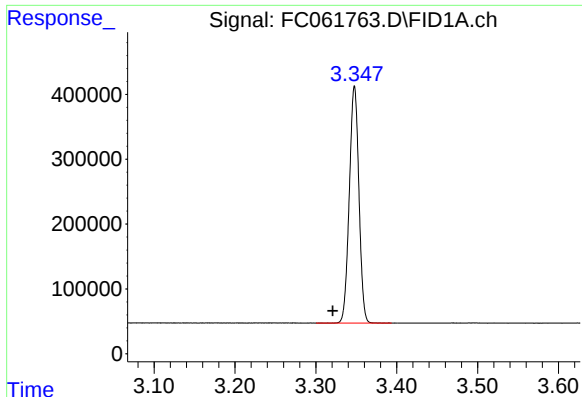
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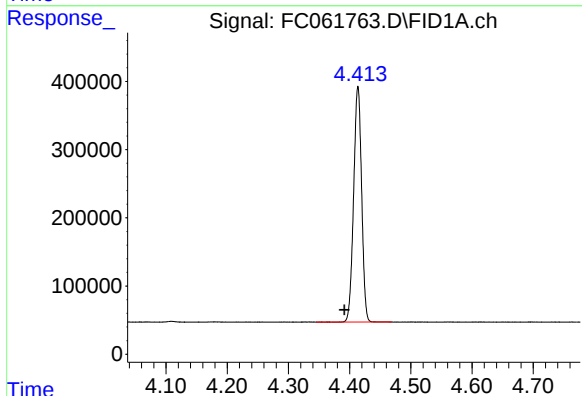
#1 n-Nonane (C9)

R.T.: 3.348 min
Delta R.T.: 0.027 min
Response: 3019848
Conc: 20.23 ug/ml

Instrument :
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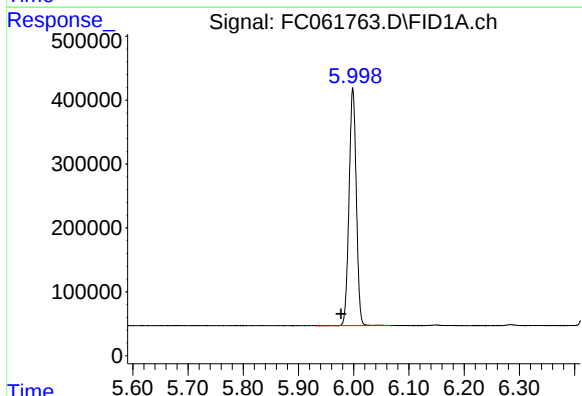
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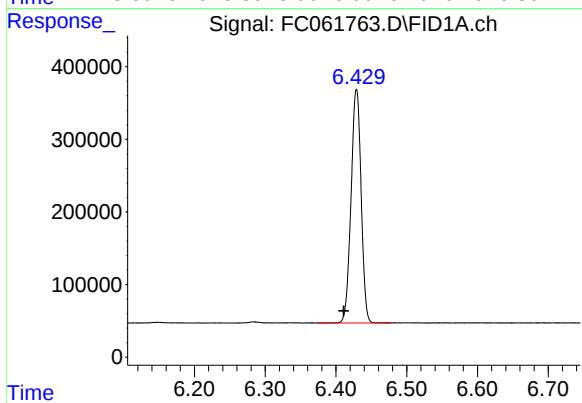
#2 n-Decane (C10)

R.T.: 4.414 min
Delta R.T.: 0.022 min
Response: 3130240
Conc: 20.75 ug/ml



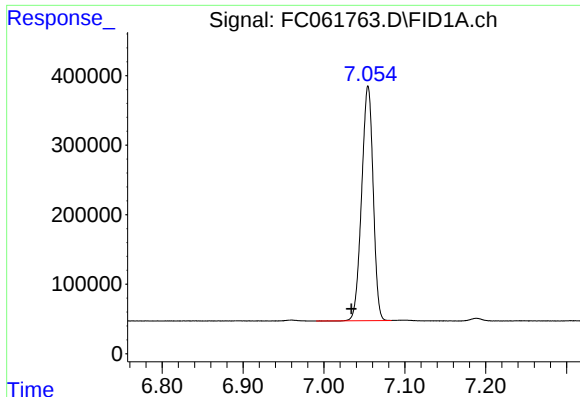
#3 A~Naphthalene (C11.7)

R.T.: 5.999 min
Delta R.T.: 0.021 min
Response: 3386529
Conc: 20.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.429 min
Delta R.T.: 0.018 min
Response: 3181010
Conc: 20.92 ug/ml



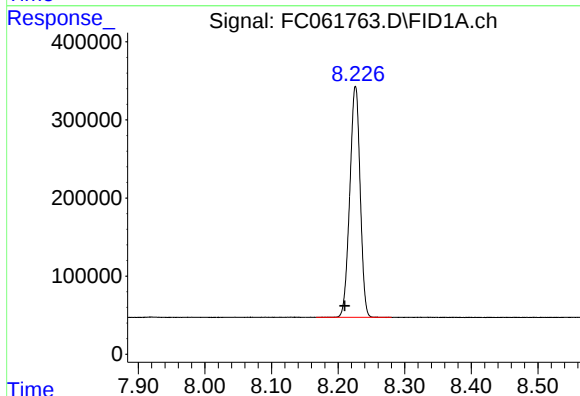
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.054 min
Delta R.T.: 0.021 min
Response: 3332727
Conc: 20.26 ug/ml

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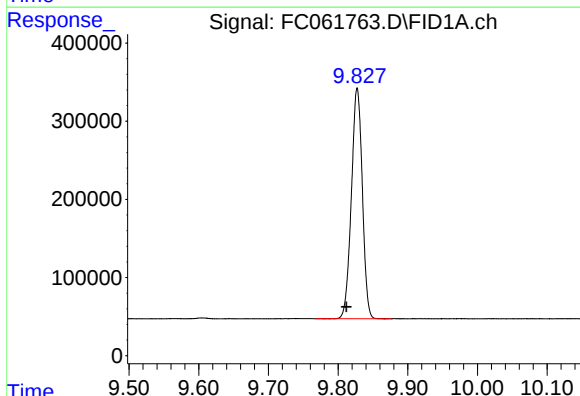
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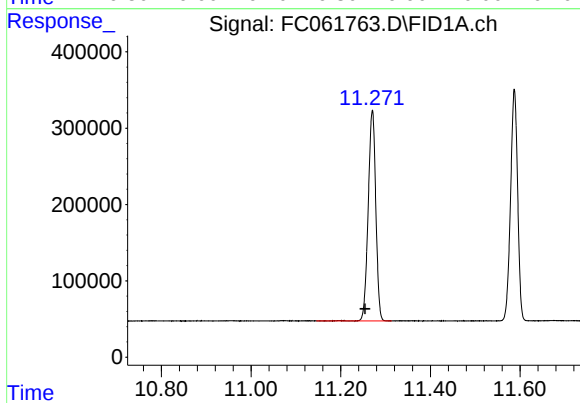
#6 n-Tetradecane (C14)

R.T.: 8.226 min
Delta R.T.: 0.016 min
Response: 3198678
Conc: 20.98 ug/ml



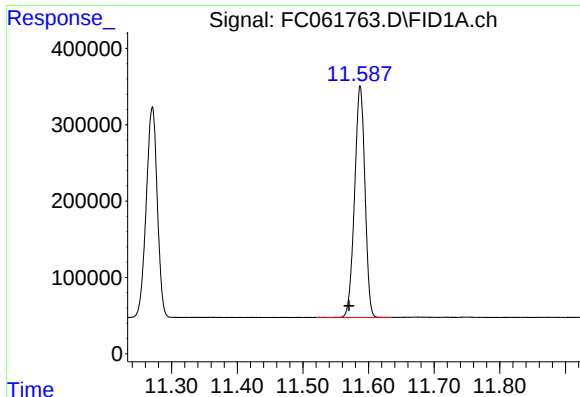
#7 n-Hexadecane (C16)

R.T.: 9.828 min
Delta R.T.: 0.015 min
Response: 3220006
Conc: 20.82 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.270 min
Delta R.T.: 0.016 min
Response: 3228854
Conc: 20.48 ug/ml



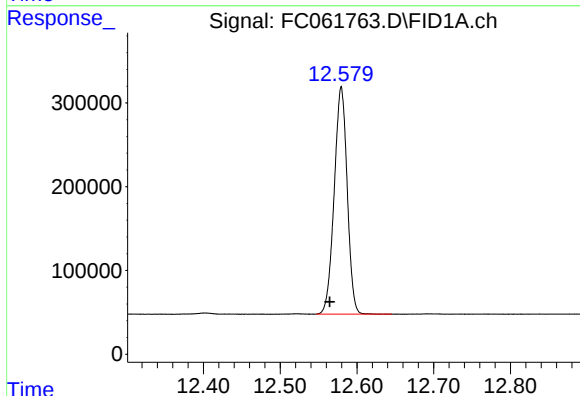
#9 ortho-Terphenyl (SURR)

R.T.: 11.587 min
Delta R.T.: 0.017 min
Response: 3319545
Conc: 19.42 ug/ml

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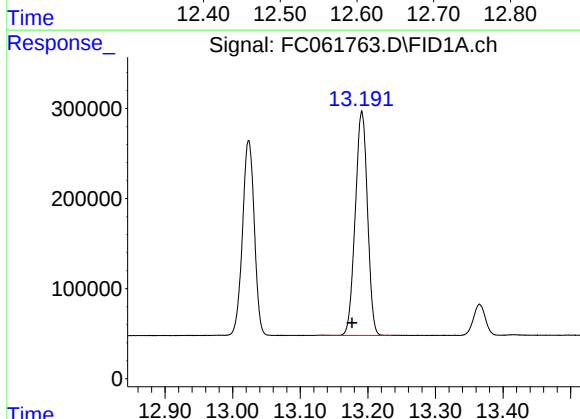
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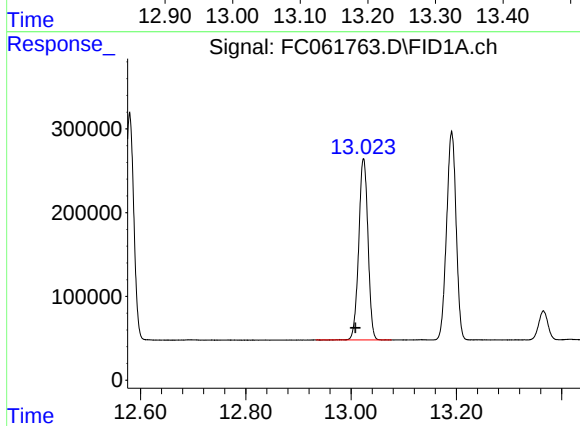
#10 n-Eicosane (C20)

R.T.: 12.580 min
Delta R.T.: 0.015 min
Response: 3190722
Conc: 20.02 ug/ml



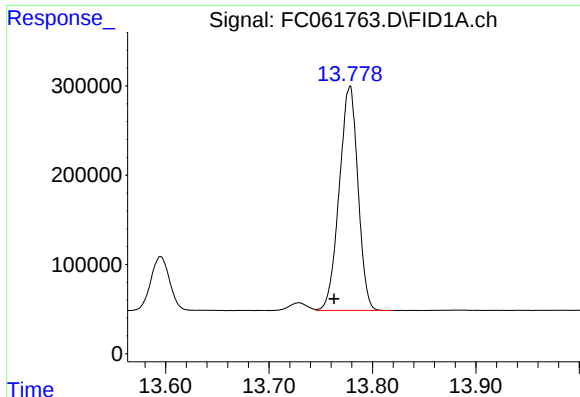
#11 n-Heneicosane (C21)

R.T.: 13.191 min
Delta R.T.: 0.014 min
Response: 3122290
Conc: 19.46 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.024 min
Delta R.T.: 0.015 min
Response: 2633131
Conc: 19.27 ug/ml



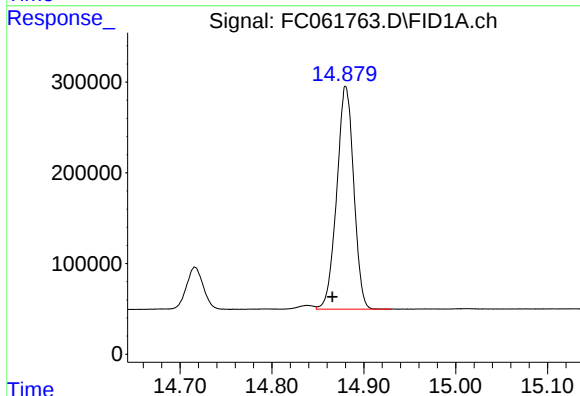
#13 n-Docosane (C22)

R.T.: 13.778 min
Delta R.T.: 0.015 min
Response: 3165239
Conc: 19.70 ug/ml

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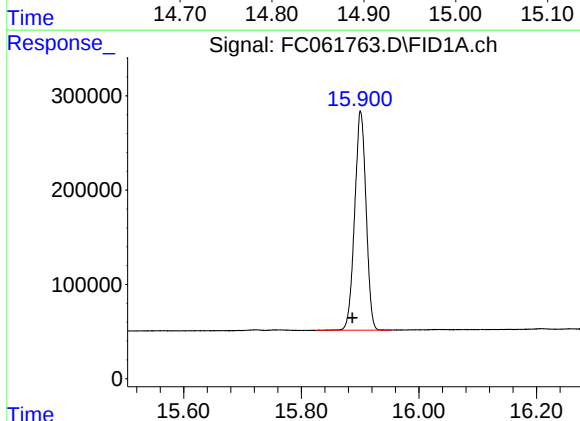
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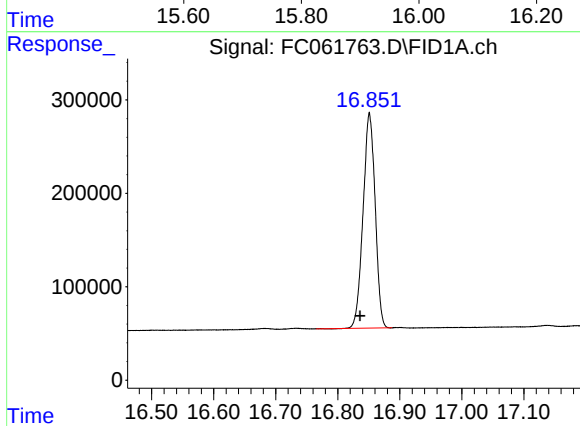
#14 n-Tetracosane (C24)

R.T.: 14.881 min
Delta R.T.: 0.015 min
Response: 3158042
Conc: 19.71 ug/ml



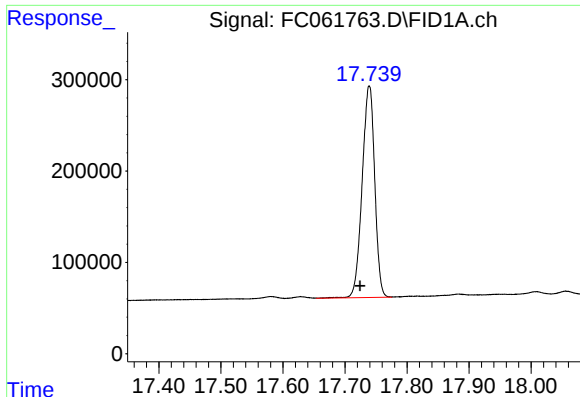
#15 n-Hexacosane (C26)

R.T.: 15.901 min
Delta R.T.: 0.014 min
Response: 3122290
Conc: 19.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.851 min
Delta R.T.: 0.015 min
Response: 3117960
Conc: 20.12 ug/ml



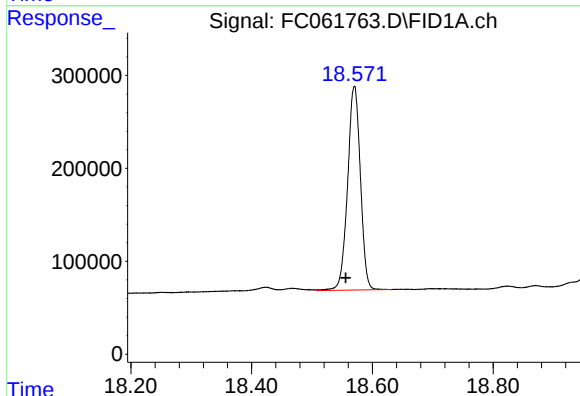
#17 n-Tricontane (C30)

R.T.: 17.739 min
Delta R.T.: 0.015 min
Response: 3262594
Conc: 21.20 ug/ml

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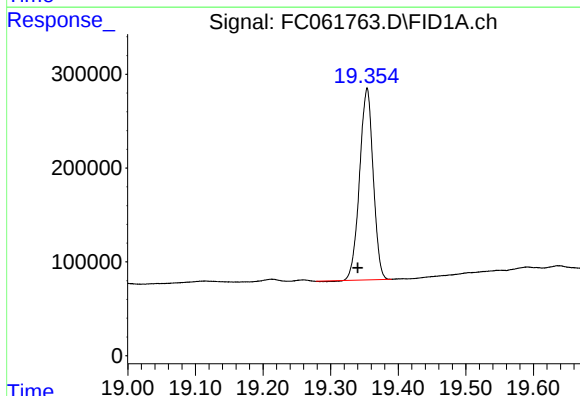
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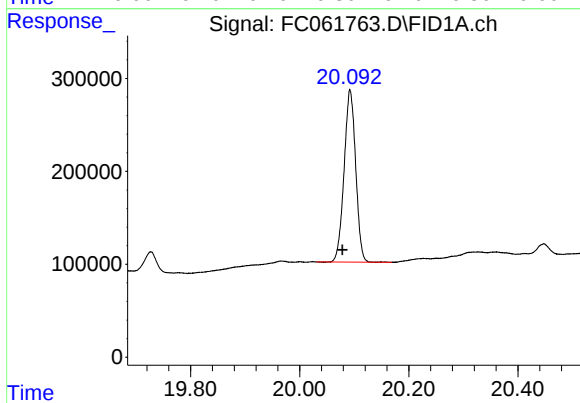
#18 n-Dotriacontane (C32)

R.T.: 18.570 min
Delta R.T.: 0.014 min
Response: 3233392
Conc: 21.38 ug/ml



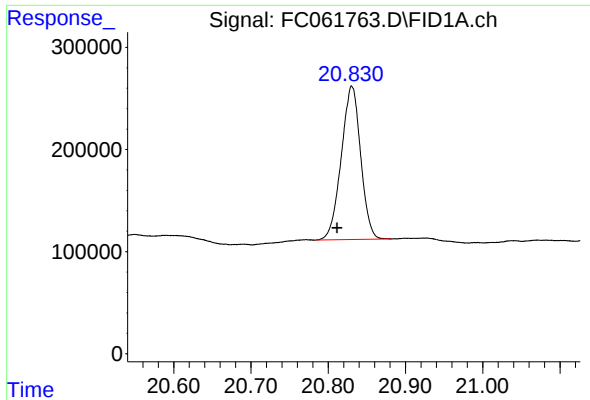
#19 n-Tetratriacontane (C34)

R.T.: 19.354 min
Delta R.T.: 0.014 min
Response: 2855929
Conc: 20.14 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.093 min
Delta R.T.: 0.014 min
Response: 2723895
Conc: 19.73 ug/ml



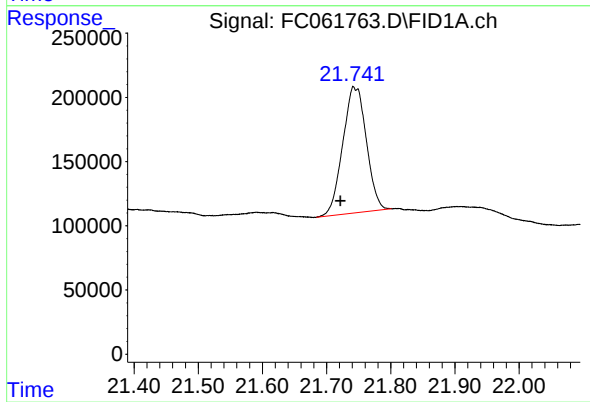
#21 n-Octatriacontane (C38)

R.T.: 20.830 min
Delta R.T.: 0.018 min
Response: 2619231
Conc: 20.22 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.741 min
Delta R.T.: 0.019 min
Response: 2510815
Conc: 20.55 ug/ml m