

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F112124AL\
 Data File : FC067839.D
 Signal(s) : FID1A.ch
 Acq On : 21 Nov 2024 10:39
 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 11/22/2024
 Supervised By :Ankita Jodhani 11/22/2024

Integration File: autoint1.e
 Quant Time: Nov 22 00:23:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:13:15 2024
 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)	11.503	3686167	19.013 ug/ml
Spiked Amount 50.000		Recovery =	38.03%
12) S 1-chlorooctadecane (S...	12.940	2753213	18.967 ug/ml
Spiked Amount 50.000		Recovery =	37.93%
Target Compounds			
1) T n-Nonane (C9)	3.286	3106246	19.043 ug/ml
2) T n-Decane (C10)	4.349	3208272	19.346 ug/ml
3) T A~Naphthalene (C11.7)	5.926	3532079	19.284 ug/ml
4) T n-Dodecane (C12)	6.363	3280414	19.477 ug/ml
5) T A~2-methylnaphthalene...	6.980	3443860	19.418 ug/ml
6) T n-Tetradecane (C14)	8.154	3275778	19.560 ug/ml
7) T n-Hexadecane (C16)	9.751	3385117	19.534 ug/ml
8) T n-Octadecane (C18)	11.191	3427792	19.483 ug/ml
10) T n-Eicosane (C20)	12.498	3265747	19.394 ug/ml
11) T n-Heneicosane (C21)	13.108	3142628	19.100 ug/ml
13) T n-Docosane (C22)	13.693	3183910	19.551 ug/ml
14) T n-Tetracosane (C24)	14.794	3244493	20.230 ug/ml
15) T n-Hexacosane (C26)	15.814	3230983	20.864 ug/ml
16) T n-Octacosane (C28)	16.763	3183154	21.077 ug/ml
17) T n-Tricontane (C30)	17.647	3191775	20.846 ug/ml
18) T n-Dotriacontane (C32)	18.480	3223294	21.825 ug/ml
19) T n-Tetratriacontane (C34)	19.259	2506463	19.872 ug/ml
20) T n-Hexatriacontane (C36)	19.998	2114523	20.218 ug/ml
21) T n-Octatriacontane (C38)	20.725	1926367	19.720 ug/ml
22) T n-Tetracontane (C40)	21.610	2319382	23.797 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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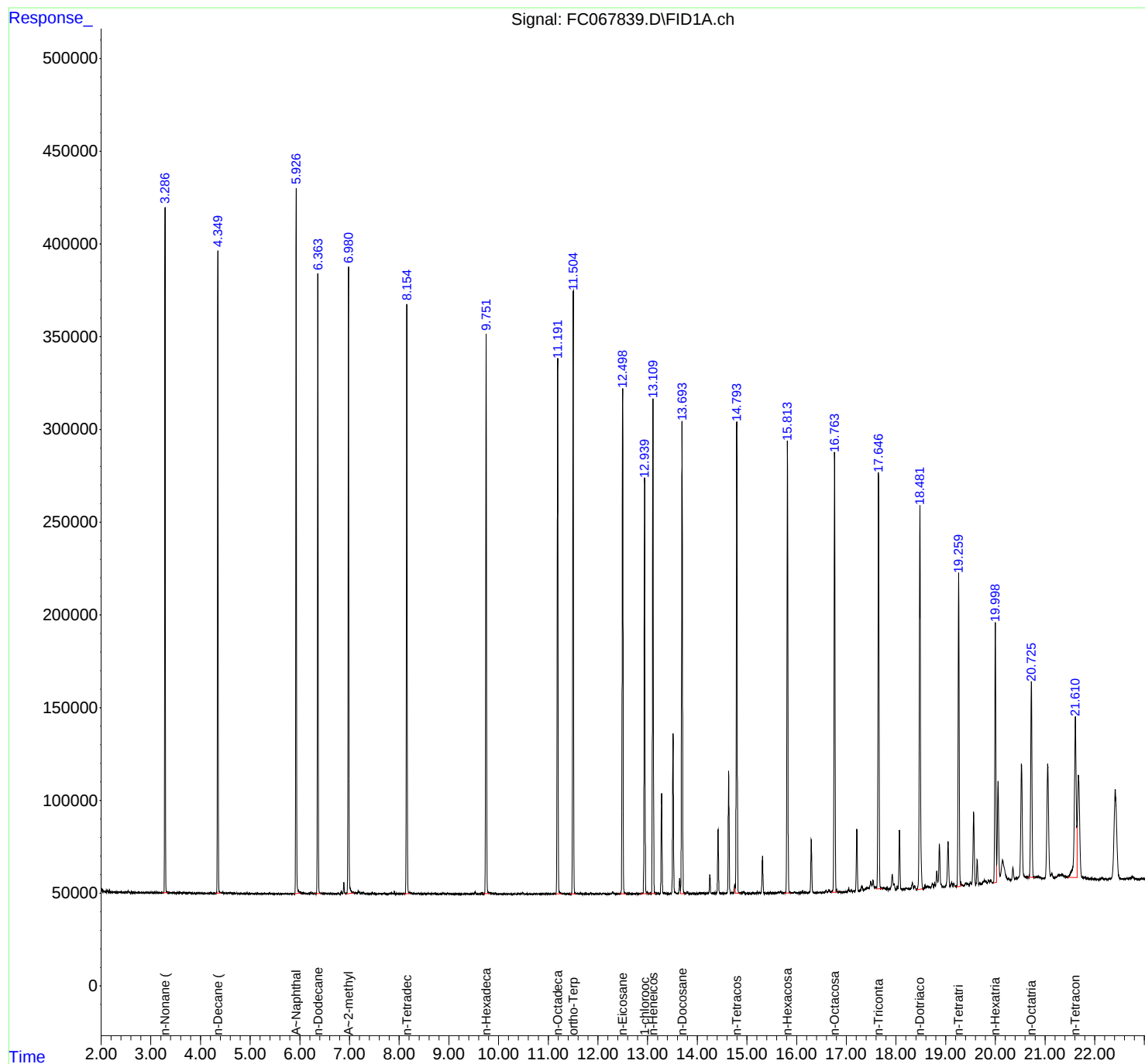
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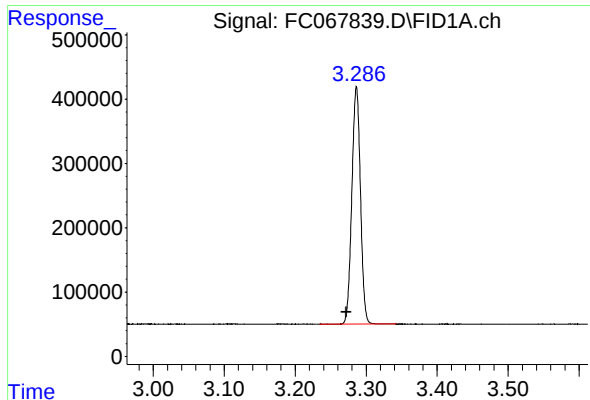
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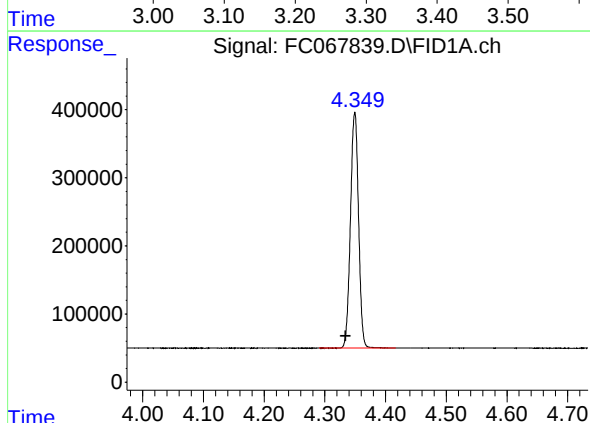
#1 n-Nonane (C9)

R.T.: 3.286 min
Delta R.T.: 0.014 min
Response: 3106246
Conc: 19.04 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

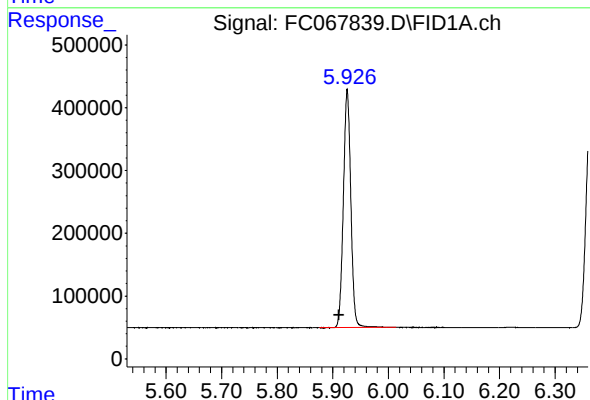
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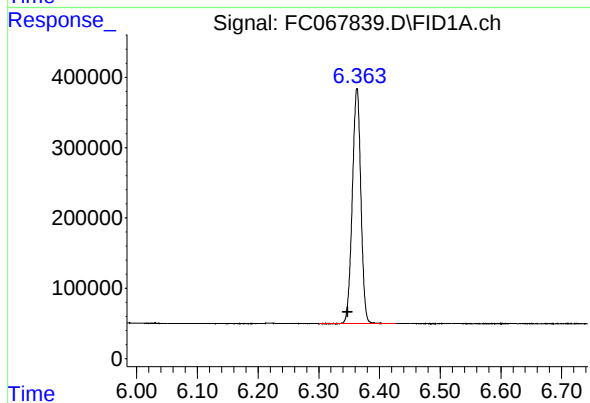
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: 0.015 min
Response: 3208272
Conc: 19.35 ug/ml



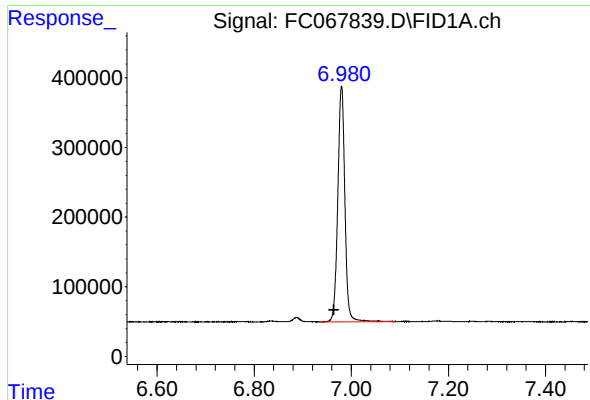
#3 A~Naphthalene (C11.7)

R.T.: 5.926 min
Delta R.T.: 0.015 min
Response: 3532079
Conc: 19.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.363 min
Delta R.T.: 0.015 min
Response: 3280414
Conc: 19.48 ug/ml



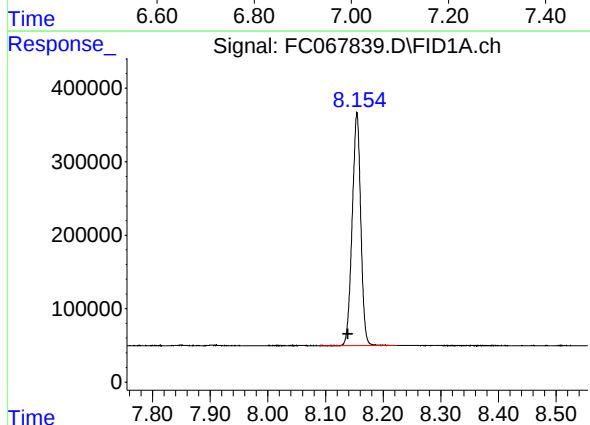
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.980 min
Delta R.T.: 0.015 min
Response: 3443860
Conc: 19.42 ug/ml

Instrument :
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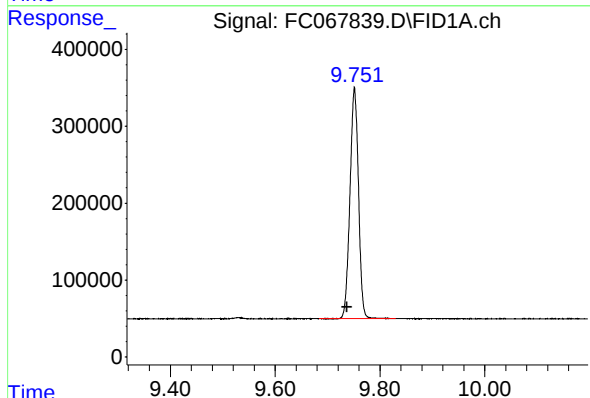
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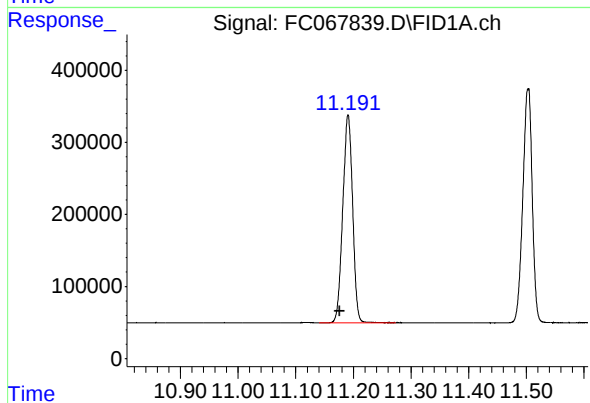
#6 n-Tetradecane (C14)

R.T.: 8.154 min
Delta R.T.: 0.015 min
Response: 3275778
Conc: 19.56 ug/ml



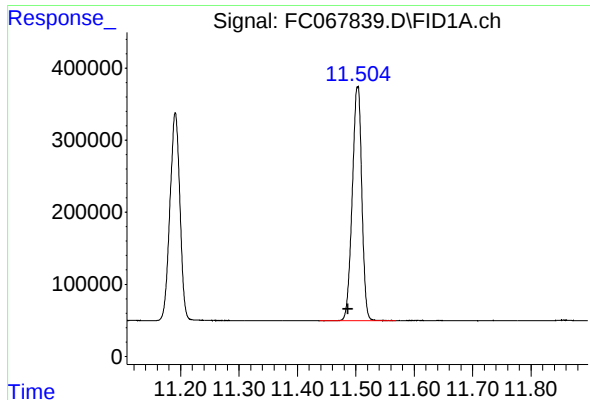
#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: 0.014 min
Response: 3385117
Conc: 19.53 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.191 min
Delta R.T.: 0.015 min
Response: 3427792
Conc: 19.48 ug/ml



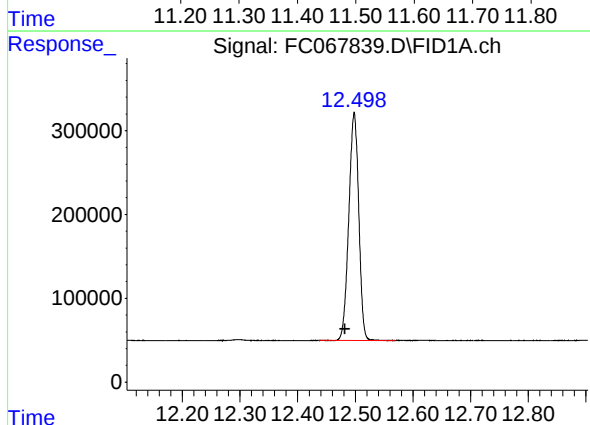
#9 ortho-Terphenyl (SURR)

R.T.: 11.503 min
Delta R.T.: 0.017 min
Response: 3686167
Conc: 19.01 ug/ml

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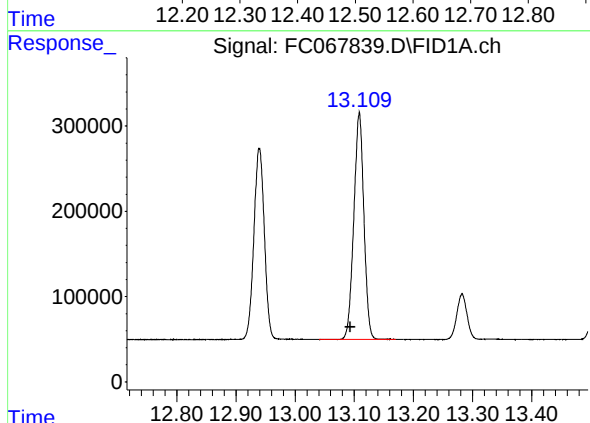
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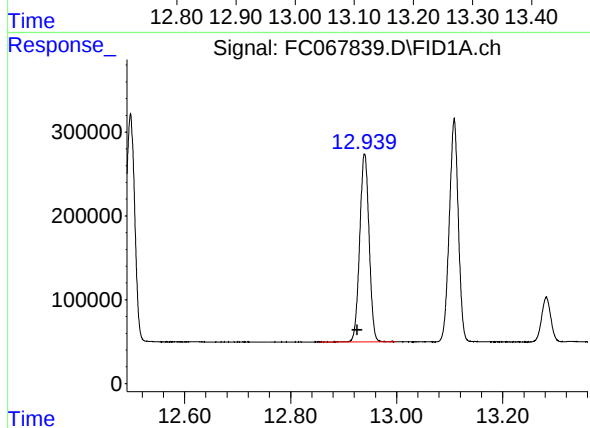
#10 n-Eicosane (C20)

R.T.: 12.498 min
Delta R.T.: 0.016 min
Response: 3265747
Conc: 19.39 ug/ml



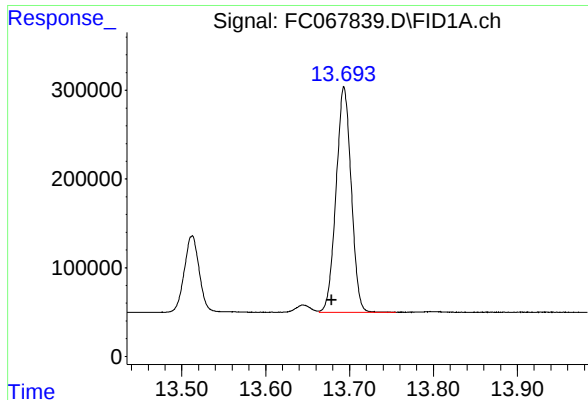
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: 0.015 min
Response: 3142628
Conc: 19.10 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.940 min
Delta R.T.: 0.014 min
Response: 2753213
Conc: 18.97 ug/ml



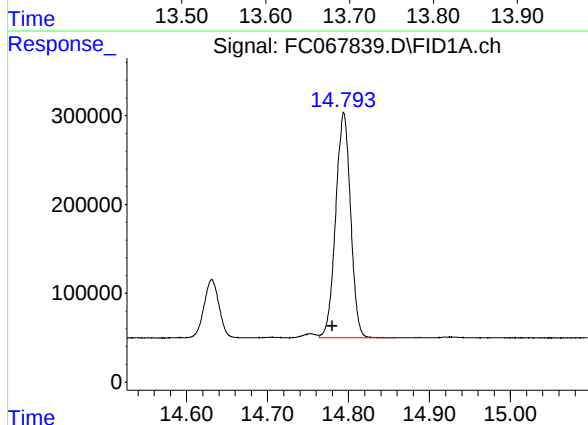
#13 n-Docosane (C22)

R.T.: 13.693 min
Delta R.T.: 0.015 min
Response: 3183910
Conc: 19.55 ug/ml

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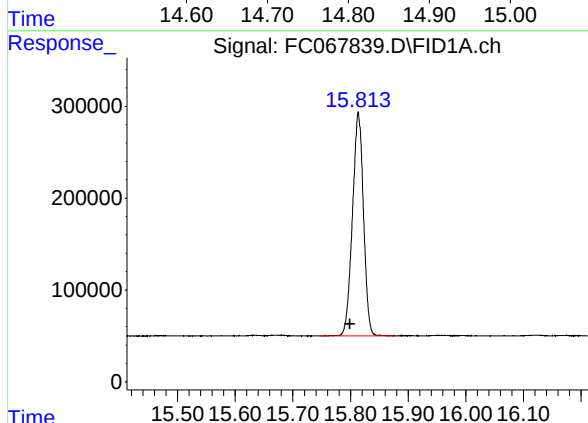
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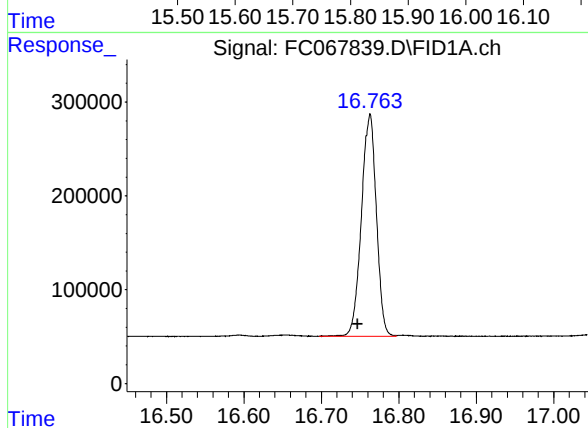
#14 n-Tetracosane (C24)

R.T.: 14.794 min
Delta R.T.: 0.014 min
Response: 3244493
Conc: 20.23 ug/ml



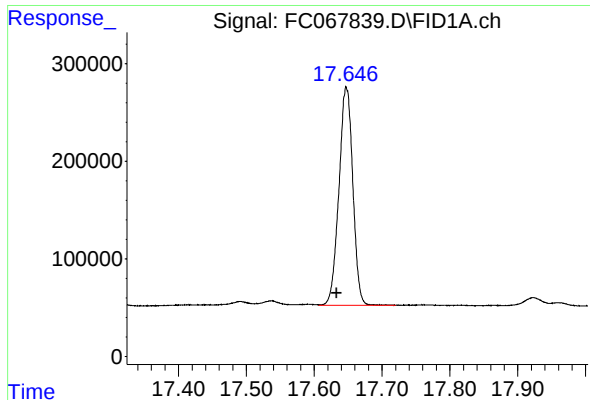
#15 n-Hexacosane (C26)

R.T.: 15.814 min
Delta R.T.: 0.014 min
Response: 3230983
Conc: 20.86 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.763 min
Delta R.T.: 0.016 min
Response: 3183154
Conc: 21.08 ug/ml m



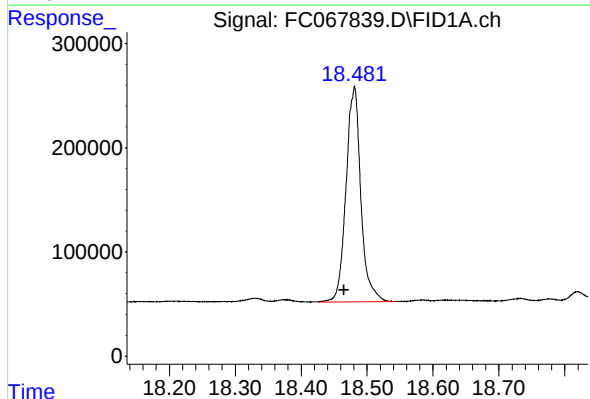
#17 n-Tricontane (C30)

R.T.: 17.647 min
Delta R.T.: 0.014 min
Response: 3191775
Conc: 20.85 ug/ml

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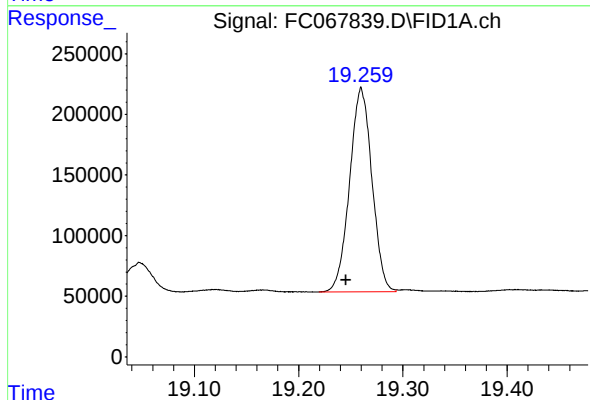
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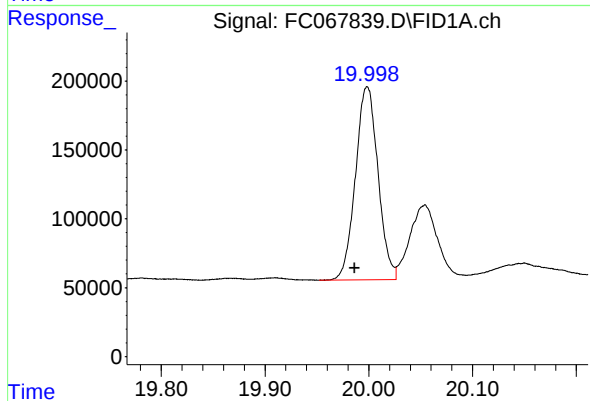
#18 n-Dotriacontane (C32)

R.T.: 18.480 min
Delta R.T.: 0.015 min
Response: 3223294
Conc: 21.82 ug/ml



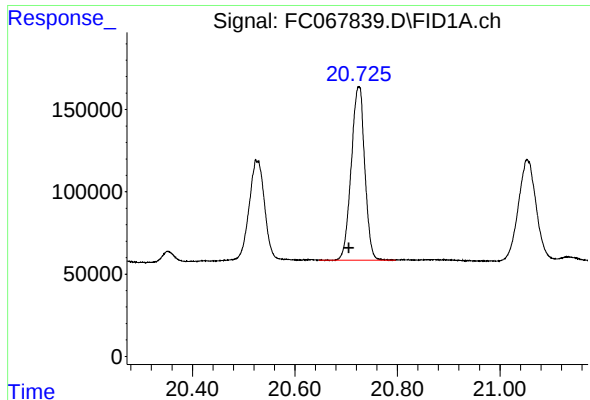
#19 n-Tetratriacontane (C34)

R.T.: 19.259 min
Delta R.T.: 0.014 min
Response: 2506463
Conc: 19.87 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.998 min
Delta R.T.: 0.012 min
Response: 2114523
Conc: 20.22 ug/ml



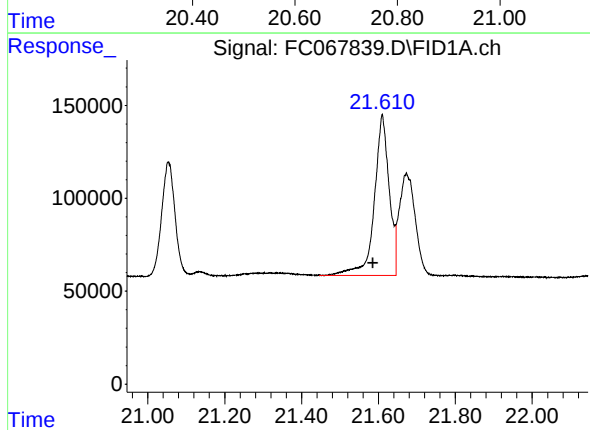
#21 n-Octatriacontane (C38)

R.T.: 20.725 min
Delta R.T.: 0.019 min
Response: 1926367
Conc: 19.72 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.610 min
Delta R.T.: 0.025 min
Response: 2319382
Conc: 23.80 ug/ml