

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F112024AL\
 Data File : FC067826.D
 Signal(s) : FID1A.ch
 Acq On : 20 Nov 2024 09:22
 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 11/21/2024
 Supervised By :Ankita Jodhani 11/21/2024

Integration File: autoint1.e
 Quant Time: Nov 21 01:04:46 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)	11.502	3681338	18.988 ug/ml
Spiked Amount 50.000		Recovery =	37.98%
12) S 1-chlorooctadecane (S...	12.939	2739966	18.875 ug/ml
Spiked Amount 50.000		Recovery =	37.75%
Target Compounds			
1) T n-Nonane (C9)	3.288	3136444	19.229 ug/ml
2) T n-Decane (C10)	4.350	3236457	19.516 ug/ml
3) T A~Naphthalene (C11.7)	5.926	3568249	19.482 ug/ml
4) T n-Dodecane (C12)	6.363	3325169	19.742 ug/ml
5) T A~2-methylnaphthalene...	6.980	3489557	19.676 ug/ml
6) T n-Tetradecane (C14)	8.154	3334659	19.912 ug/ml
7) T n-Hexadecane (C16)	9.751	3446101	19.886 ug/ml
8) T n-Octadecane (C18)	11.190	3463949	19.688 ug/ml
10) T n-Eicosane (C20)	12.497	3265065	19.390 ug/ml
11) T n-Heneicosane (C21)	13.108	3130844	19.028 ug/ml
13) T n-Docosane (C22)	13.693	3150624	19.346 ug/ml
14) T n-Tetracosane (C24)	14.793	3176518	19.806 ug/ml
15) T n-Hexacosane (C26)	15.812	3145640	20.313 ug/ml
16) T n-Octacosane (C28)	16.760	3065524	20.298 ug/mlm
17) T n-Tricontane (C30)	17.646	3006247	19.635 ug/mlm
18) T n-Dotriacontane (C32)	18.477	2832866	19.181 ug/ml
19) T n-Tetratriacontane (C34)	19.258	2382473	18.889 ug/ml
20) T n-Hexatriacontane (C36)	19.996	2003747	19.159 ug/ml
21) T n-Octatriacontane (C38)	20.719	1854039	18.980 ug/mlm
22) T n-Tetracontane (C40)	21.604	2098015	21.525 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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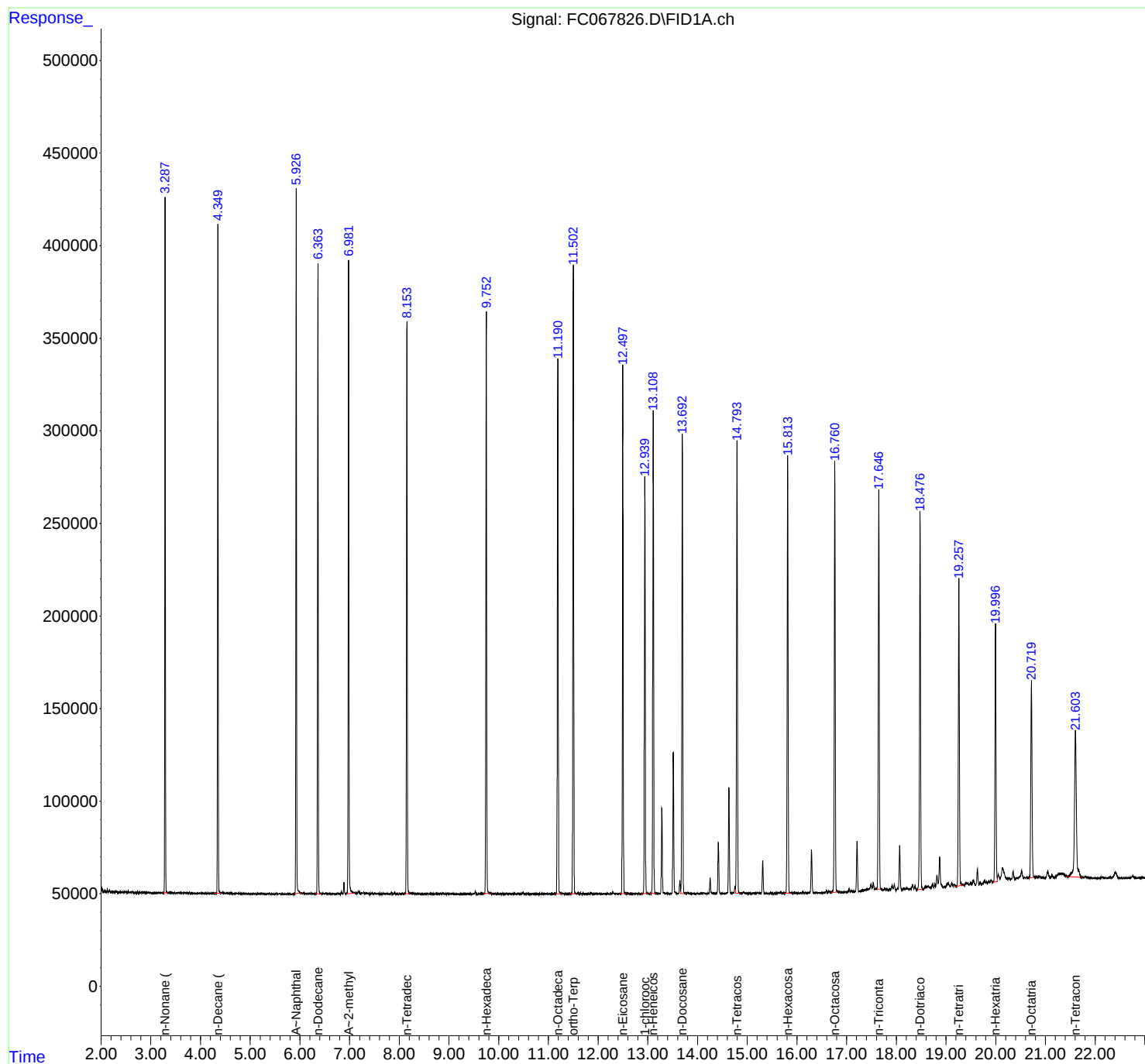
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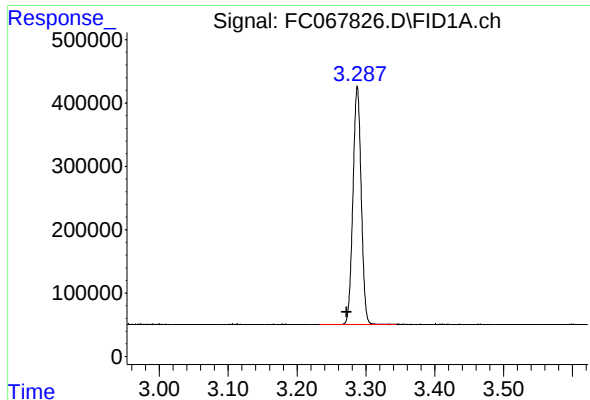
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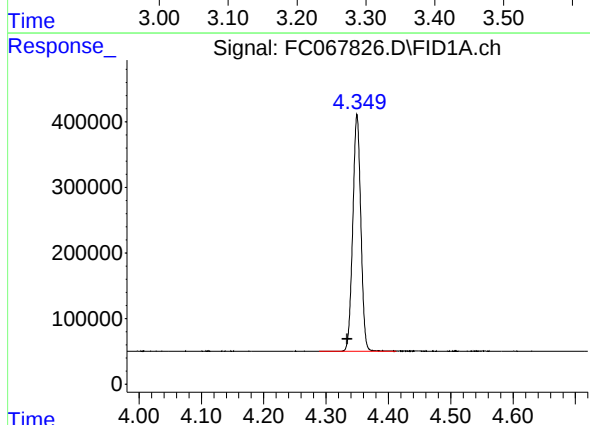
#1 n-Nonane (C9)

R.T.: 3.288 min
Delta R.T.: 0.016 min
Response: 3136444
Conc: 19.23 ug/ml

Instrument : FID_C
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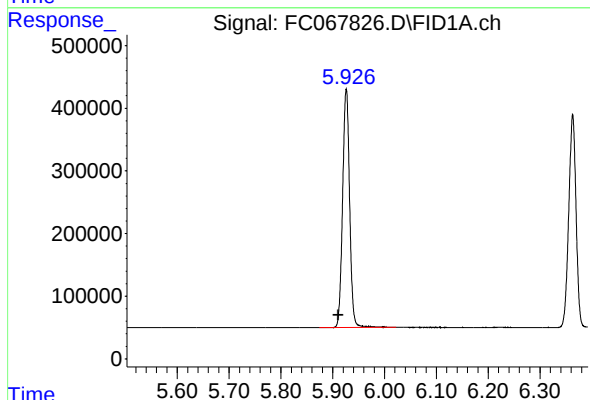
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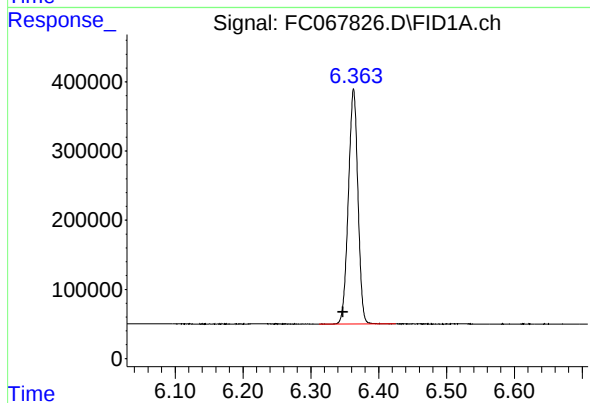
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: 0.016 min
Response: 3236457
Conc: 19.52 ug/ml



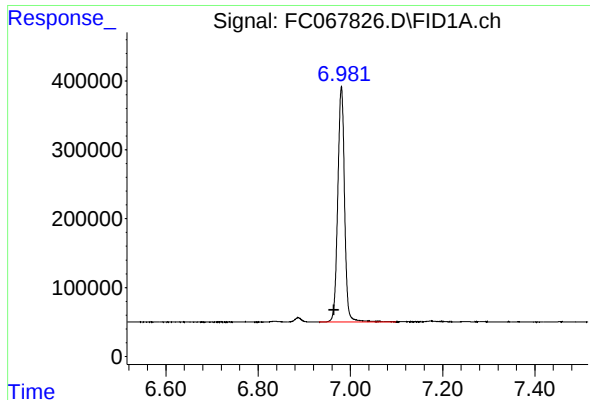
#3 A~Naphthalene (C11.7)

R.T.: 5.926 min
Delta R.T.: 0.015 min
Response: 3568249
Conc: 19.48 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.363 min
Delta R.T.: 0.016 min
Response: 3325169
Conc: 19.74 ug/ml



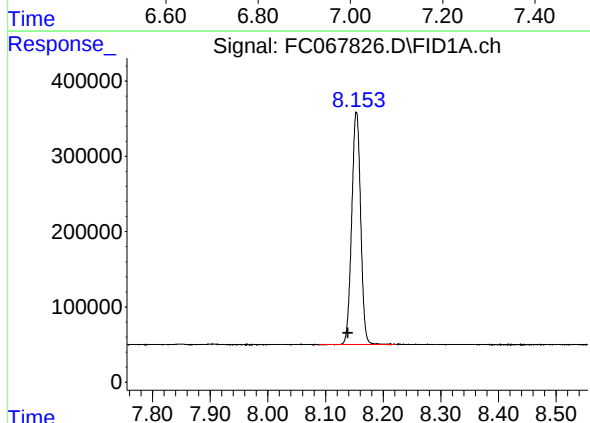
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.980 min
Delta R.T.: 0.016 min
Response: 3489557
Conc: 19.68 ug/ml

Instrument :
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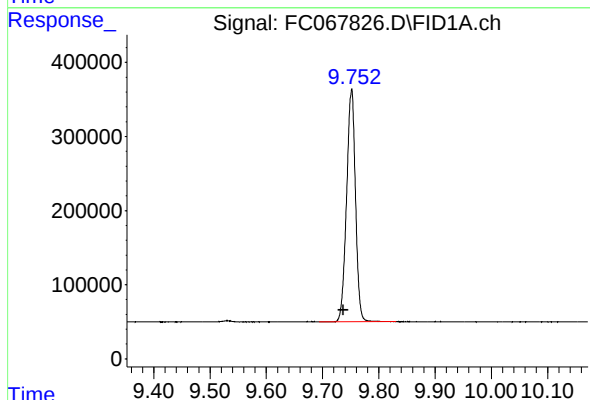
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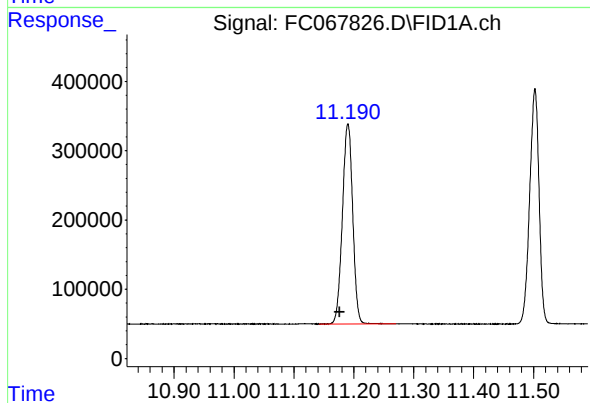
#6 n-Tetradecane (C14)

R.T.: 8.154 min
Delta R.T.: 0.015 min
Response: 3334659
Conc: 19.91 ug/ml



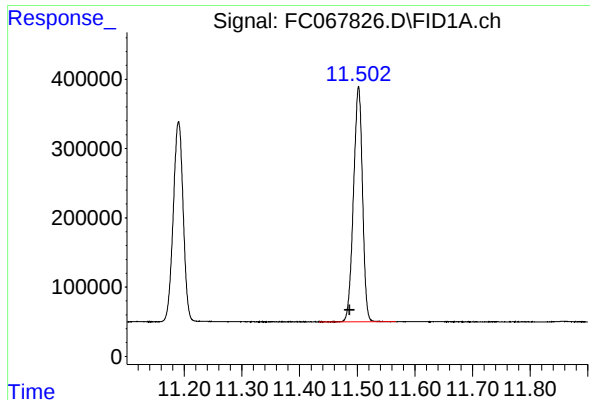
#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: 0.014 min
Response: 3446101
Conc: 19.89 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.190 min
Delta R.T.: 0.014 min
Response: 3463949
Conc: 19.69 ug/ml



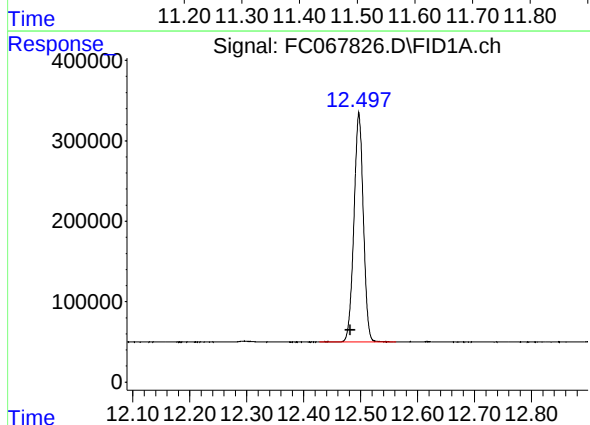
#9 ortho-Terphenyl (SURR)

R.T.: 11.502 min
Delta R.T.: 0.016 min
Response: 3681338
Conc: 18.99 ug/ml

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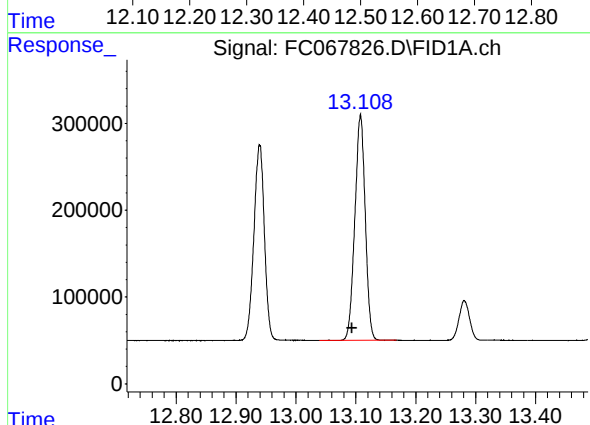
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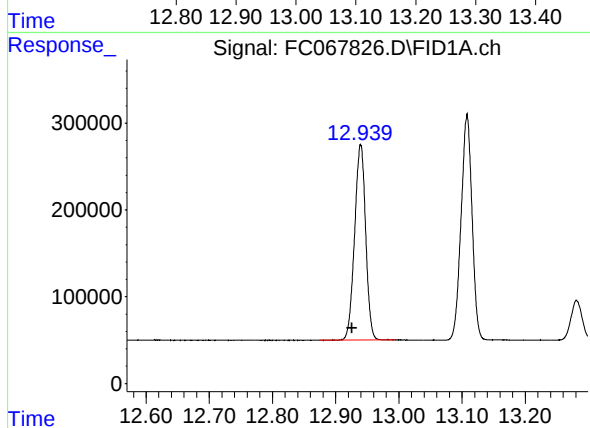
#10 n-Eicosane (C20)

R.T.: 12.497 min
Delta R.T.: 0.015 min
Response: 3265065
Conc: 19.39 ug/ml



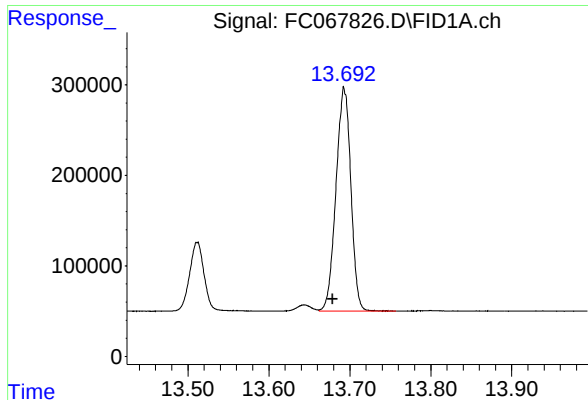
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: 0.014 min
Response: 3130844
Conc: 19.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.939 min
Delta R.T.: 0.014 min
Response: 2739966
Conc: 18.88 ug/ml



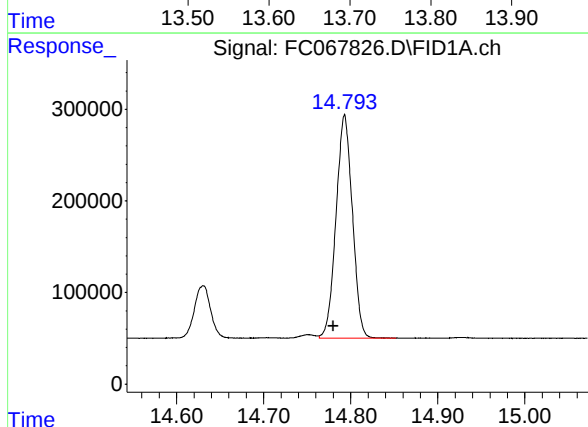
#13 n-Docosane (C22)

R.T.: 13.693 min
Delta R.T.: 0.014 min
Response: 3150624
Conc: 19.35 ug/ml

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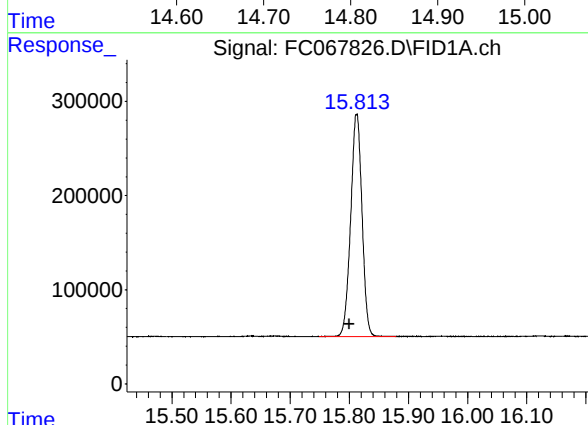
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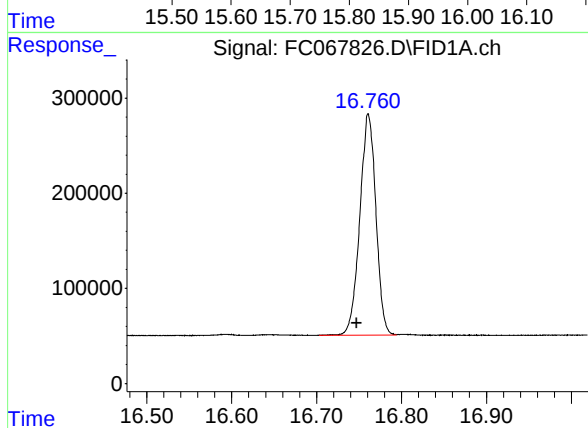
#14 n-Tetracosane (C24)

R.T.: 14.793 min
Delta R.T.: 0.013 min
Response: 3176518
Conc: 19.81 ug/ml



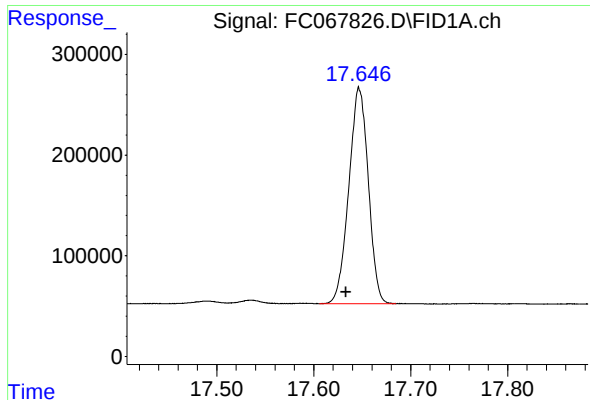
#15 n-Hexacosane (C26)

R.T.: 15.812 min
Delta R.T.: 0.013 min
Response: 3145640
Conc: 20.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.760 min
Delta R.T.: 0.014 min
Response: 3065524
Conc: 20.30 ug/ml m



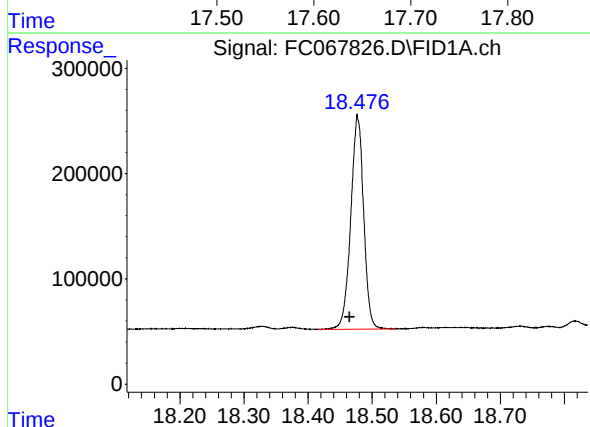
#17 n-Tricontane (C30)

R.T.: 17.646 min
Delta R.T.: 0.013 min
Response: 3006247
Conc: 19.63 ug/ml

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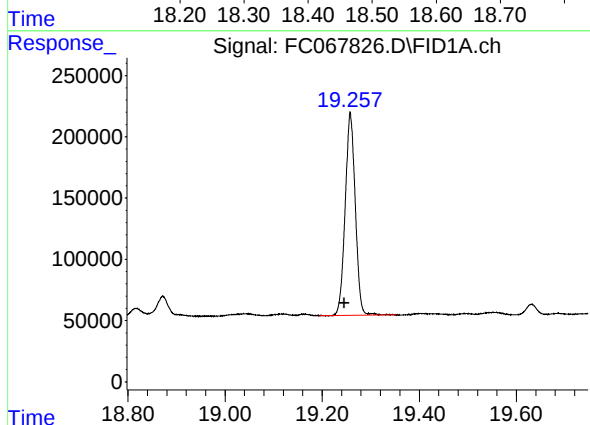
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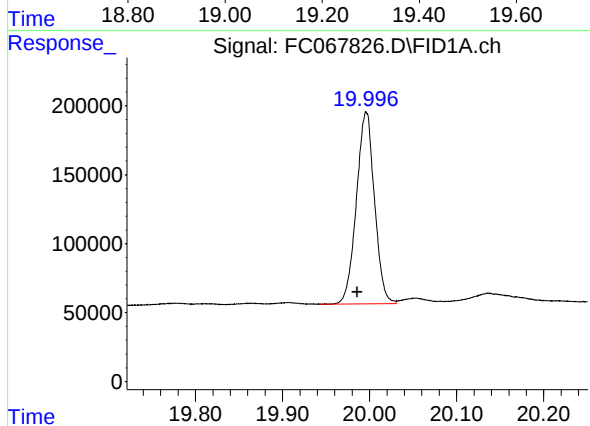
#18 n-Dotriacontane (C32)

R.T.: 18.477 min
Delta R.T.: 0.012 min
Response: 2832866
Conc: 19.18 ug/ml



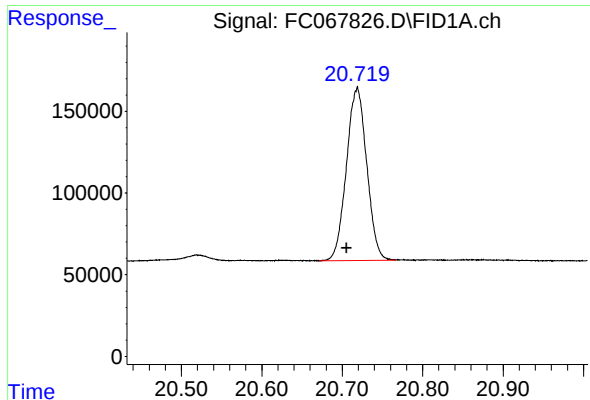
#19 n-Tetatriacontane (C34)

R.T.: 19.258 min
Delta R.T.: 0.013 min
Response: 2382473
Conc: 18.89 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.996 min
Delta R.T.: 0.010 min
Response: 2003747
Conc: 19.16 ug/ml



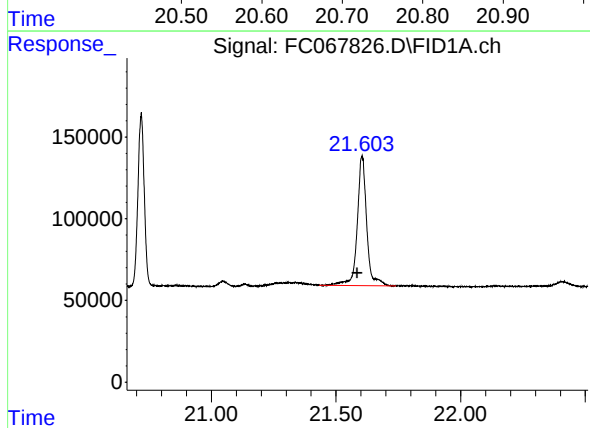
#21 n-Octatriacontane (C38)

R.T.: 20.719 min
Delta R.T.: 0.013 min
Response: 1854039
Conc: 18.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.604 min
Delta R.T.: 0.019 min
Response: 2098015
Conc: 21.53 ug/ml