

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F112024AL\
 Data File : FC067829.D
 Signal(s) : FID1A.ch
 Acq On : 20 Nov 2024 15:41
 Operator : YP/AJ
 Sample : PB165131BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB165131BSD

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 01:06:09 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)	11.505	6370659	32.859 ug/ml
Spiked Amount 50.000		Recovery =	65.72%
12) S 1-chlorooctadecane (S...	12.941	4735075	32.619 ug/ml
Spiked Amount 50.000		Recovery =	65.24%
Target Compounds			
1) T n-Nonane (C9)	3.295	4825992	29.587 ug/ml
2) T n-Decane (C10)	4.354	5023432	30.292 ug/ml
3) T A~Naphthalene (C11.7)	5.928	5769601	31.501 ug/ml
4) T n-Dodecane (C12)	6.364	5278037	31.337 ug/ml
5) T A~2-methylnaphthalene...	6.982	5457256	30.771 ug/ml
6) T n-Tetradecane (C14)	8.156	5662341	33.811 ug/ml
7) T n-Hexadecane (C16)	9.752	5779384	33.350 ug/ml
8) T n-Octadecane (C18)	11.193	5798341	32.956 ug/ml
10) T n-Eicosane (C20)	12.500	5764689	34.235 ug/ml
11) T n-Heneicosane (C21)	13.109	5455401	33.156 ug/ml
13) T n-Docosane (C22)	13.695	5358602	32.905 ug/ml
14) T n-Tetracosane (C24)	14.766	10443990	65.119 ug/mlm
15) T n-Hexacosane (C26)	15.815	4975955	32.132 ug/ml
16) T n-Octacosane (C28)	16.761	4851397	32.123 ug/ml
17) T n-Tricontane (C30)	17.649	4776912	31.200 ug/ml
18) T n-Dotriacontane (C32)	18.479	4671085	31.627 ug/ml
19) T n-Tetratriacontane (C34)	19.261	4596018	36.439 ug/ml
20) T n-Hexatriacontane (C36)	20.000	4393101	42.004 ug/ml
21) T n-Octatriacontane (C38)	20.723	4305973	44.081 ug/ml
22) T n-Tetracontane (C40)	21.612	4321072	44.334 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB165131BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

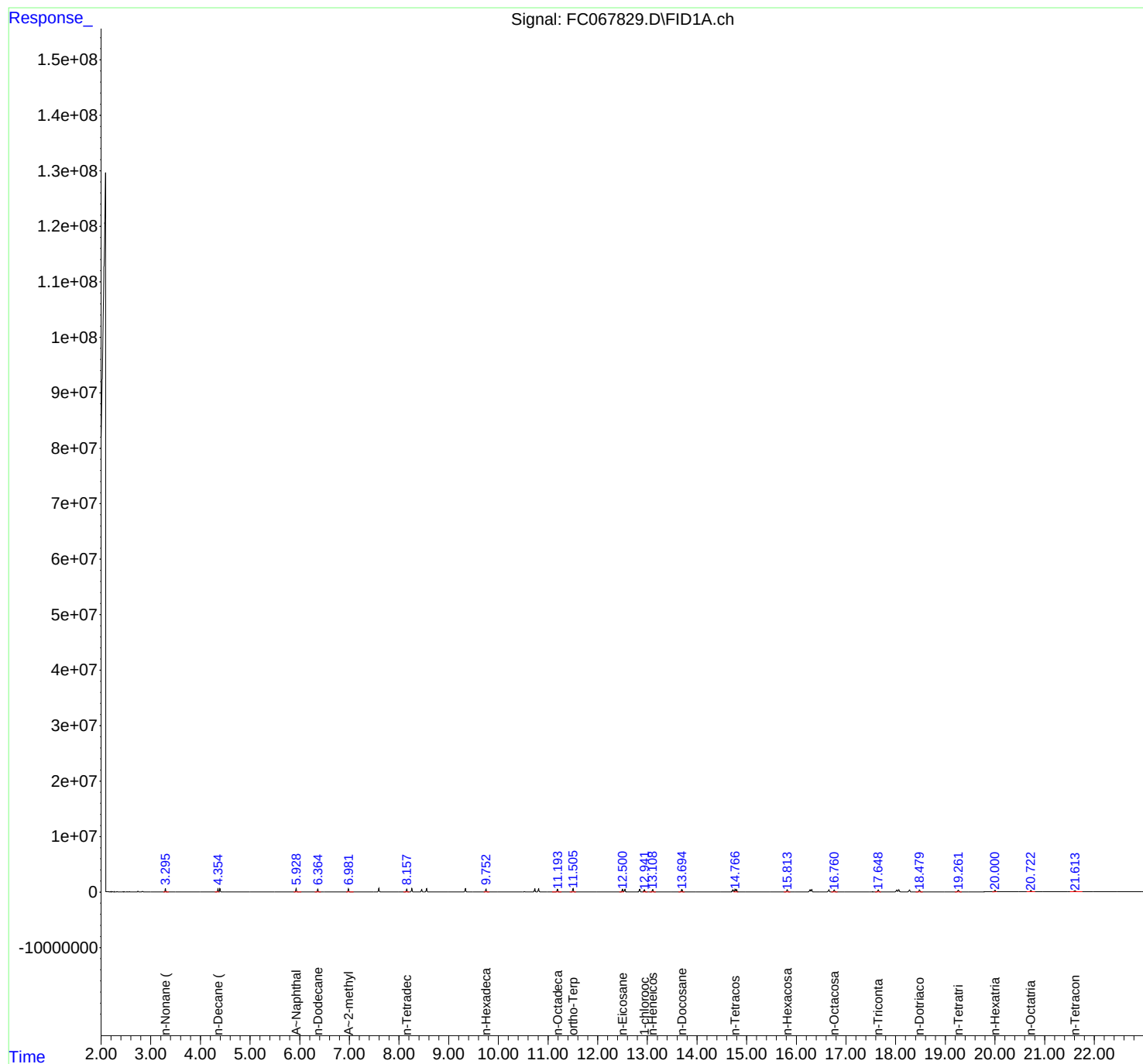
Instrument :
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ClientSampleId :
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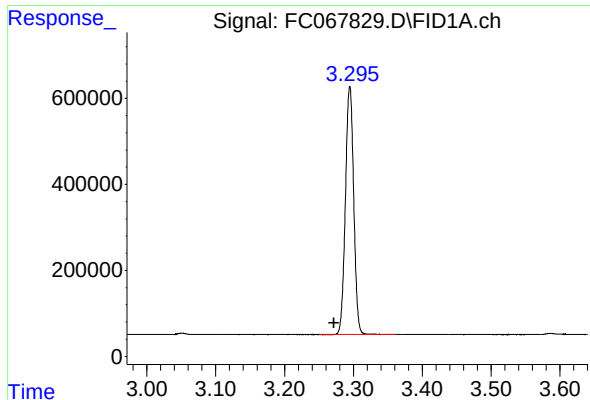
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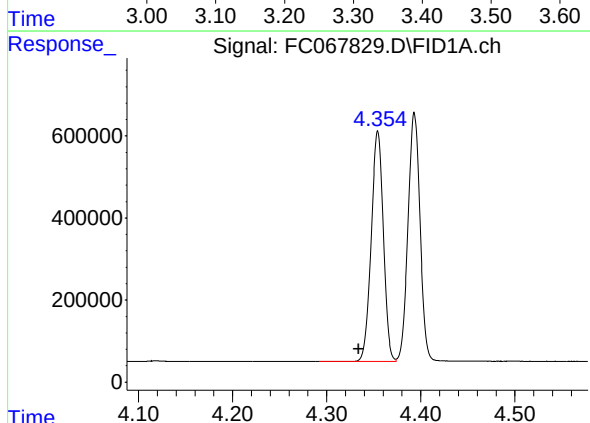
#1 n-Nonane (C9)

R.T.: 3.295 min
Delta R.T.: 0.023 min
Response: 4825992
Conc: 29.59 ug/ml

Instrument :
FID_C
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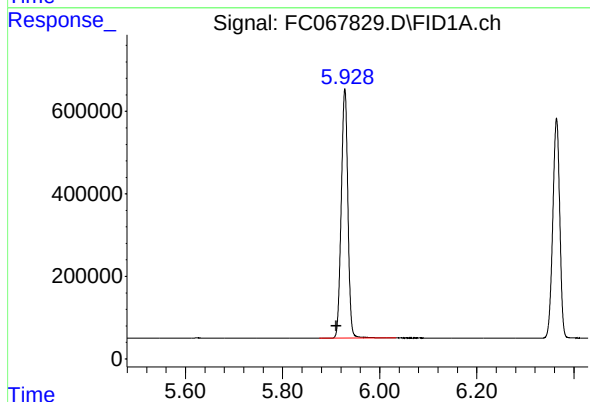
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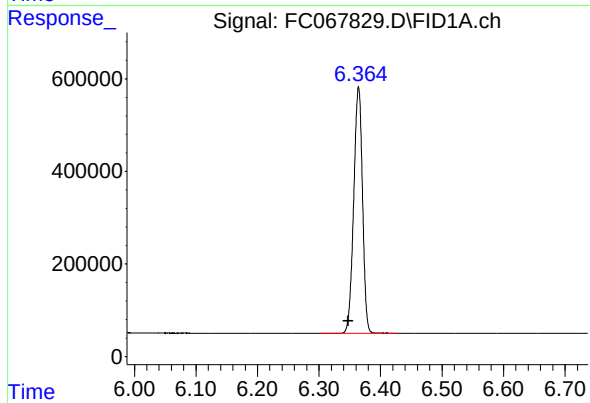
#2 n-Decane (C10)

R.T.: 4.354 min
Delta R.T.: 0.020 min
Response: 5023432
Conc: 30.29 ug/ml



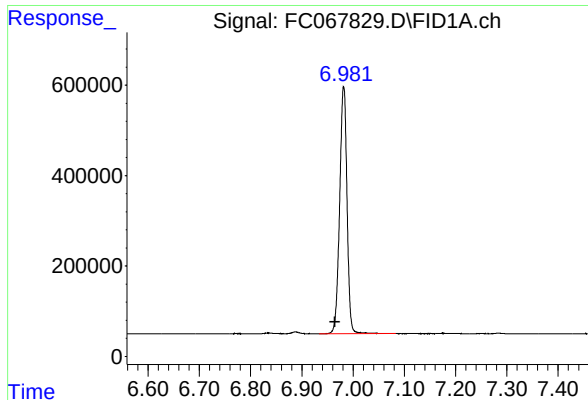
#3 A~Naphthalene (C11.7)

R.T.: 5.928 min
Delta R.T.: 0.017 min
Response: 5769601
Conc: 31.50 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.364 min
Delta R.T.: 0.017 min
Response: 5278037
Conc: 31.34 ug/ml



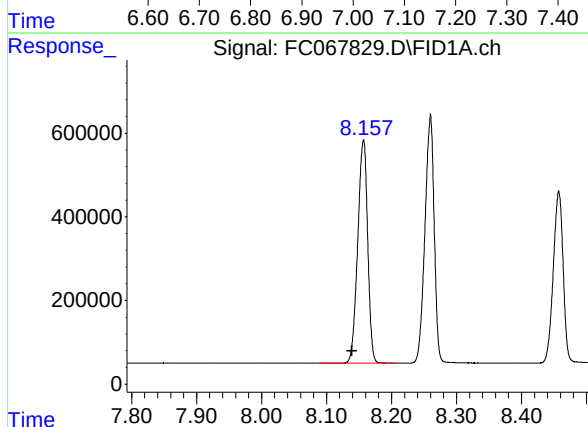
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.982 min
Delta R.T.: 0.017 min
Response: 5457256
Conc: 30.77 ug/ml

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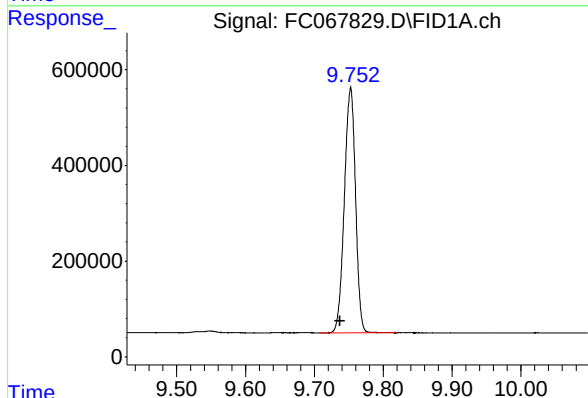
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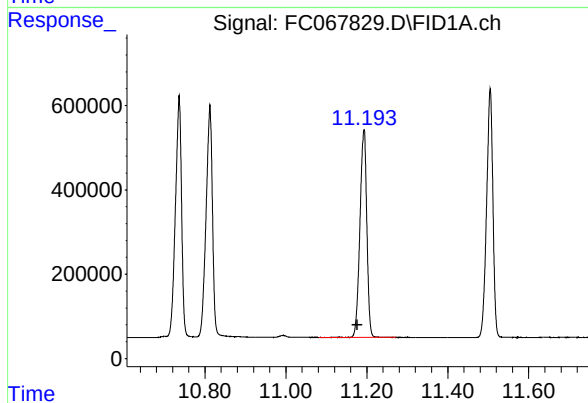
#6 n-Tetradecane (C14)

R.T.: 8.156 min
Delta R.T.: 0.017 min
Response: 5662341
Conc: 33.81 ug/ml



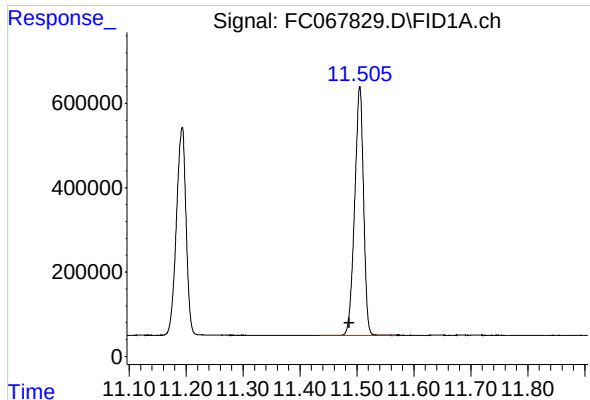
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: 0.015 min
Response: 5779384
Conc: 33.35 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.193 min
Delta R.T.: 0.016 min
Response: 5798341
Conc: 32.96 ug/ml



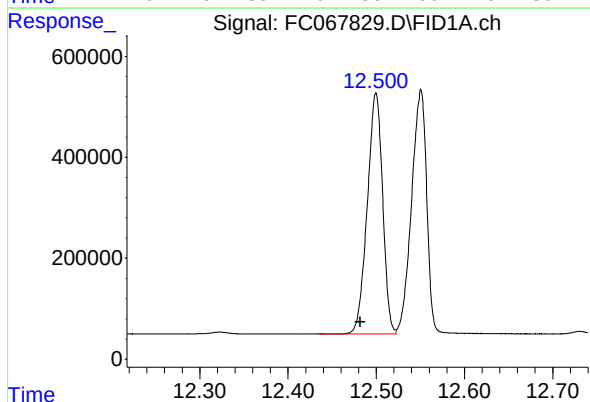
#9 ortho-Terphenyl (SURR)

R.T.: 11.505 min
Delta R.T.: 0.018 min
Response: 6370659
Conc: 32.86 ug/ml

Instrument :
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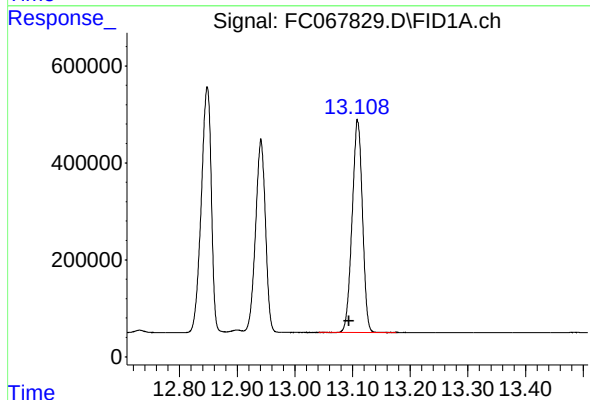
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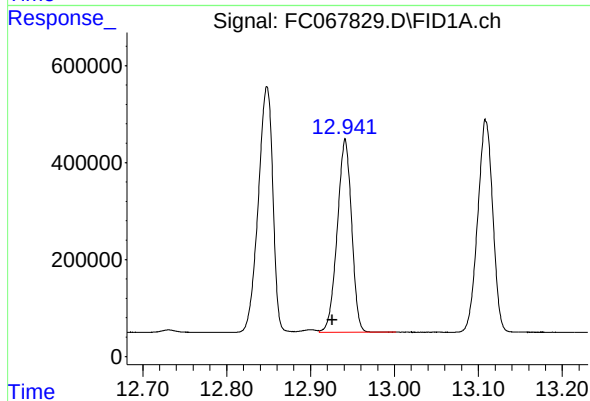
#10 n-Eicosane (C20)

R.T.: 12.500 min
Delta R.T.: 0.017 min
Response: 5764689
Conc: 34.23 ug/ml



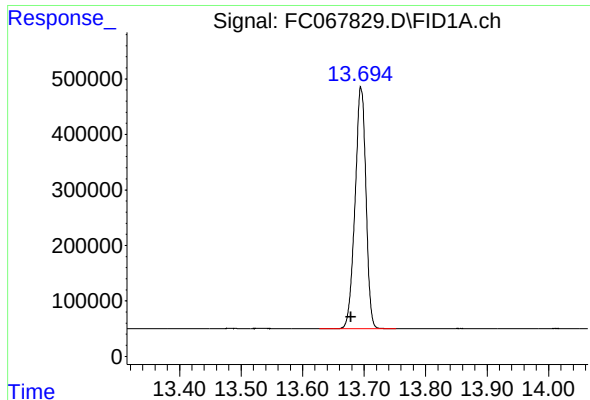
#11 n-Heneicosane (C21)

R.T.: 13.109 min
Delta R.T.: 0.015 min
Response: 5455401
Conc: 33.16 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.941 min
Delta R.T.: 0.015 min
Response: 4735075
Conc: 32.62 ug/ml



#13 n-Docosane (C22)

R.T.: 13.695 min
Delta R.T.: 0.016 min
Response: 5358602
Conc: 32.90 ug/ml

Instrument :

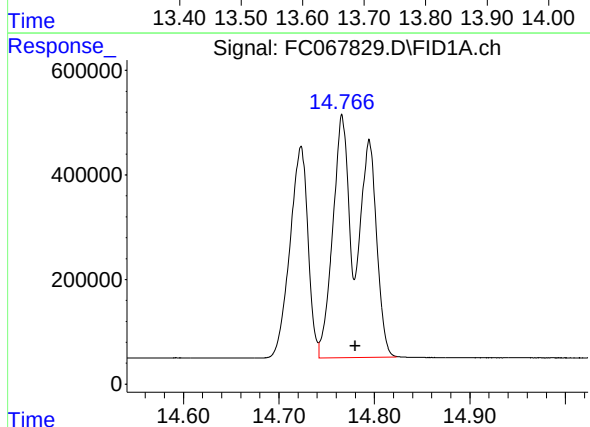
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ClientSampleId :

PB165131BSD

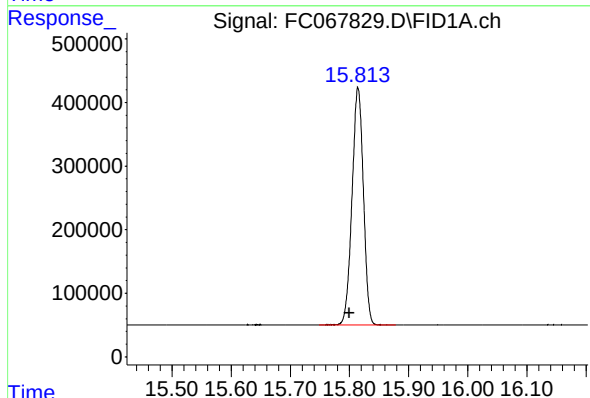
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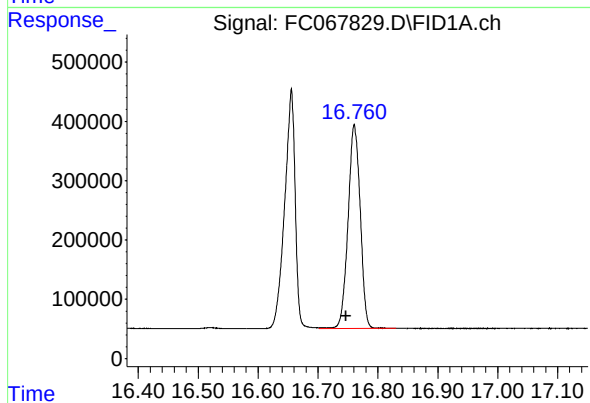
#14 n-Tetracosane (C24)

R.T.: 14.766 min
Delta R.T.: -0.014 min
Response: 10443990
Conc: 65.12 ug/ml m



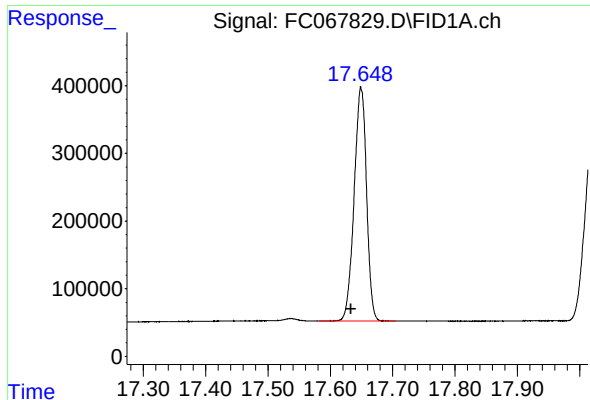
#15 n-Hexacosane (C26)

R.T.: 15.815 min
Delta R.T.: 0.015 min
Response: 4975955
Conc: 32.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.761 min
Delta R.T.: 0.014 min
Response: 4851397
Conc: 32.12 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.649 min
Delta R.T.: 0.016 min
Response: 4776912
Conc: 31.20 ug/ml

Instrument :

FID_C

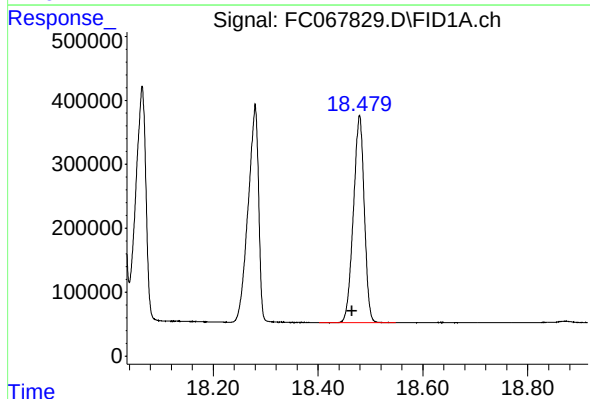
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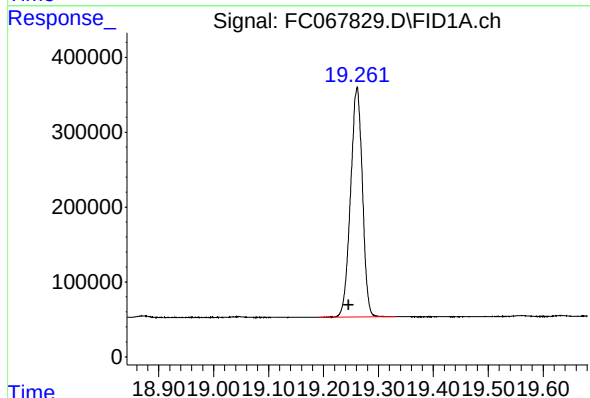
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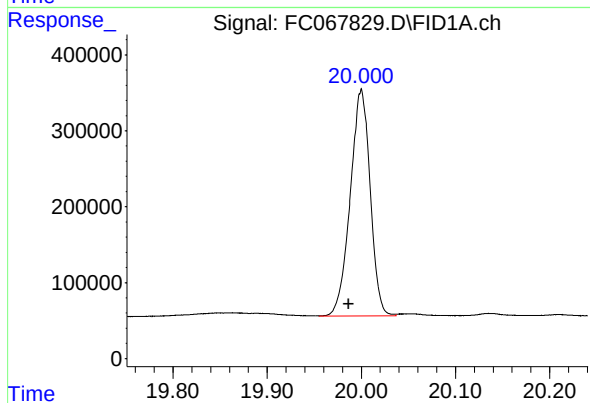
#18 n-Dotriacontane (C32)

R.T.: 18.479 min
Delta R.T.: 0.014 min
Response: 4671085
Conc: 31.63 ug/ml



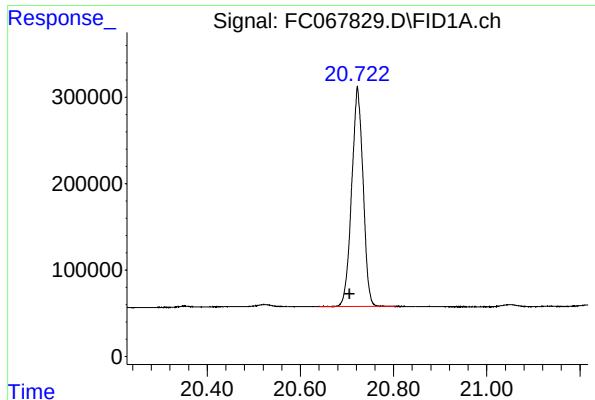
#19 n-Tetratriacontane (C34)

R.T.: 19.261 min
Delta R.T.: 0.015 min
Response: 4596018
Conc: 36.44 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.000 min
Delta R.T.: 0.014 min
Response: 4393101
Conc: 42.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.723 min
Delta R.T.: 0.017 min
Response: 4305973
Conc: 44.08 ug/ml

Instrument :

FID_C

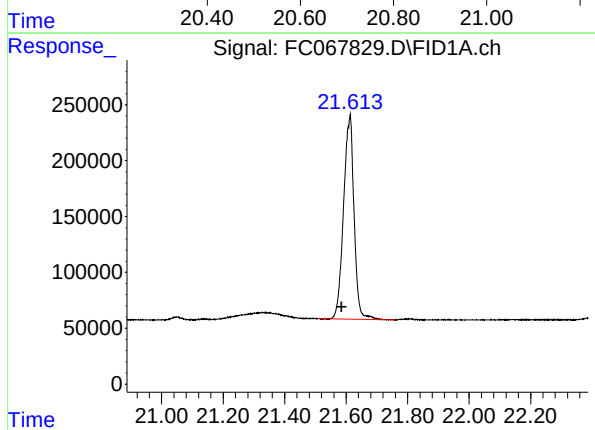
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#22 n-Tetracontane (C40)

R.T.: 21.612 min
Delta R.T.: 0.027 min
Response: 4321072
Conc: 44.33 ug/ml