

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F102224AL\
 Data File : FC067493.D
 Signal(s) : FID1A.ch
 Acq On : 23 Oct 2024 06:04
 Operator : YP/AJ
 Sample : P4460-03MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WB-303-BOTMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e
 Quant Time: Oct 23 07:10:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 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			
12) S 1-chlorooctadecane (S...	12.937	3543503	31.305 ug/mlm
Spiked Amount 50.000		Recovery =	62.61%
Target Compounds			
1) T n-Nonane (C9)	3.274	3154930	24.889 ug/ml
2) T n-Decane (C10)	4.340	3977939	30.947 ug/ml
4) T n-Dodecane (C12)	6.357	7279911	56.102 ug/ml
6) T n-Tetradecane (C14)	8.153	10288528	79.882 ug/mlm
7) T n-Hexadecane (C16)	9.749	6502212	48.845 ug/ml
8) T n-Octadecane (C18)	11.187	5571827	41.090 ug/ml
10) T n-Eicosane (C20)	12.495	5615180	43.005 ug/ml
11) T n-Heneicosane (C21)	13.107	5383307	41.973 ug/mlm
13) T n-Docosane (C22)	13.691	5482947	42.940 ug/ml
14) T n-Tetracosane (C24)	14.793	5315369	41.561 ug/ml
15) T n-Hexacosane (C26)	15.812	5316897	42.169 ug/ml
16) T n-Octacosane (C28)	16.761	5232176	41.648 ug/ml
17) T n-Tricontane (C30)	17.647	5250715	40.759 ug/ml
18) T n-Dotriacontane (C32)	18.478	5215577	41.749 ug/ml
19) T n-Tetratriacontane (C34)	19.261	5278547	48.304 ug/ml
20) T n-Hexatriacontane (C36)	19.998	5246311	55.506 ug/ml
21) T n-Octatriacontane (C38)	20.723	5369622	61.227 ug/ml
22) T n-Tetracontane (C40)	21.610	5446080	63.291 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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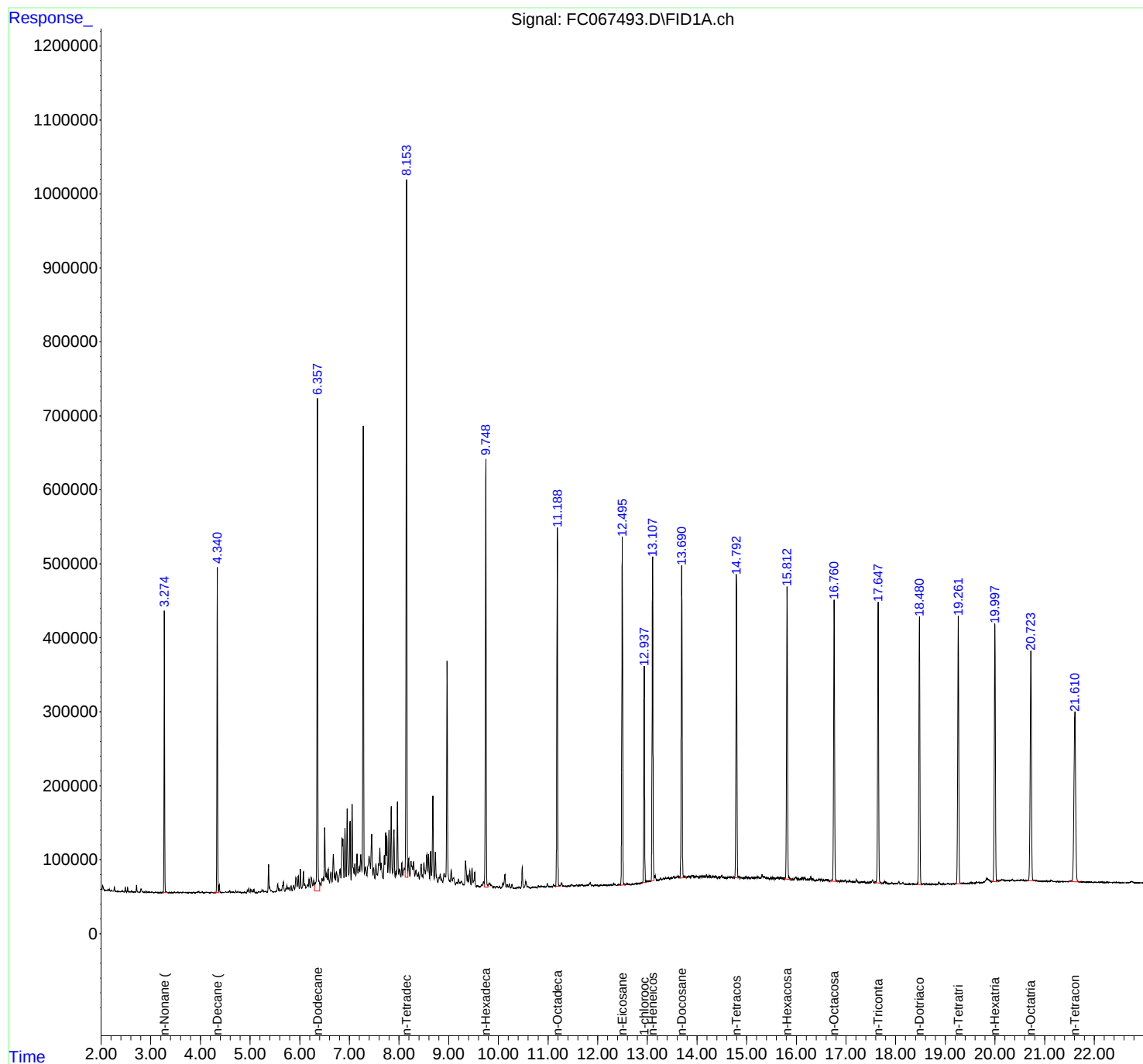
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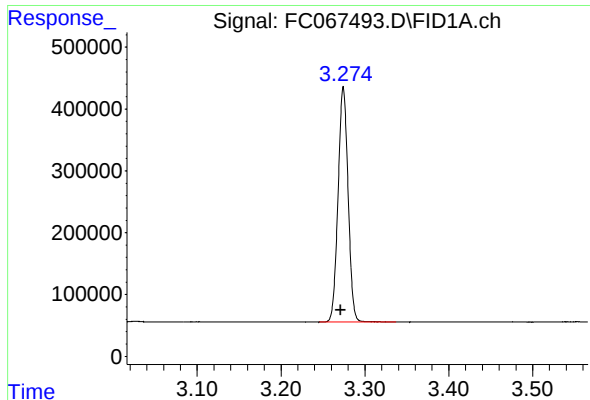
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#1 n-Nonane (C9)

R.T.: 3.274 min
Delta R.T.: 0.003 min
Response: 3154930
Conc: 24.89 ug/ml

Instrument :

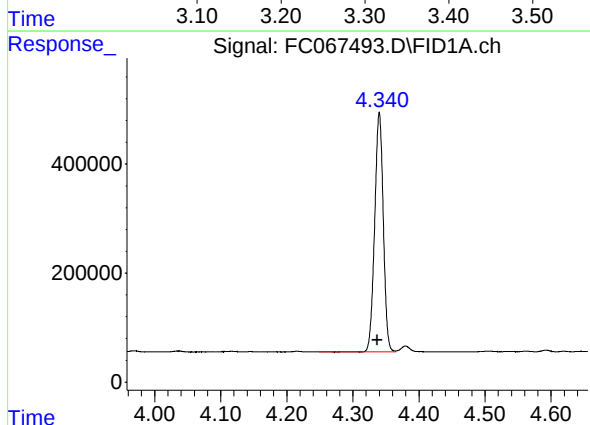
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ClientSampleId :

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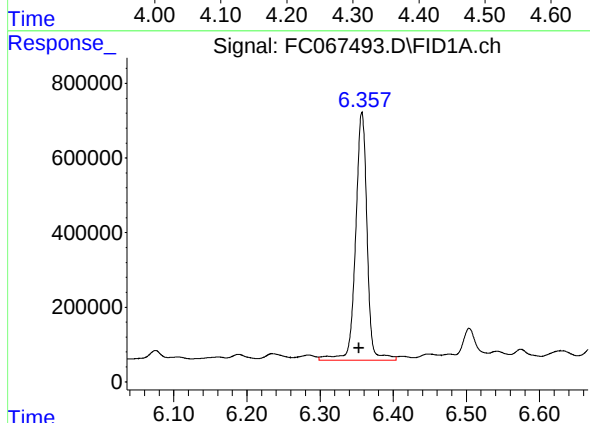
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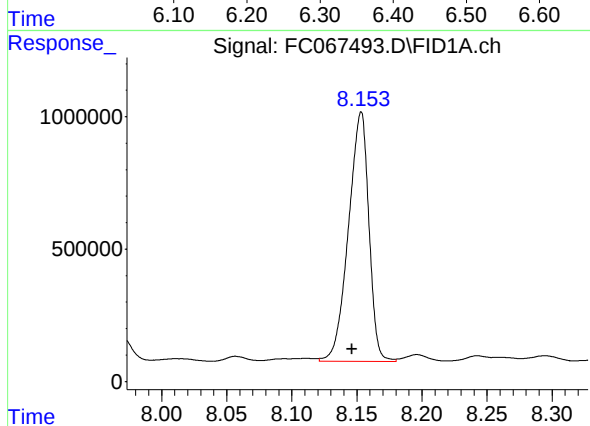
#2 n-Decane (C10)

R.T.: 4.340 min
Delta R.T.: 0.003 min
Response: 3977939
Conc: 30.95 ug/ml



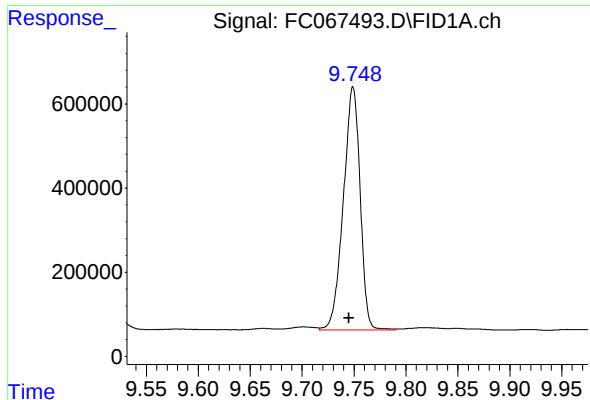
#4 n-Dodecane (C12)

R.T.: 6.357 min
Delta R.T.: 0.004 min
Response: 7279911
Conc: 56.10 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.007 min
Response: 10288528
Conc: 79.88 ug/ml m



#7 n-Hexadecane (C16)

R.T.: 9.749 min
Delta R.T.: 0.004 min
Response: 6502212
Conc: 48.85 ug/ml

Instrument :

FID_C

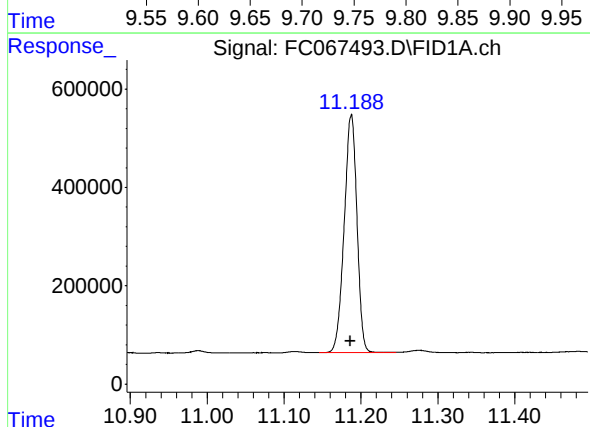
ClientSampleId :

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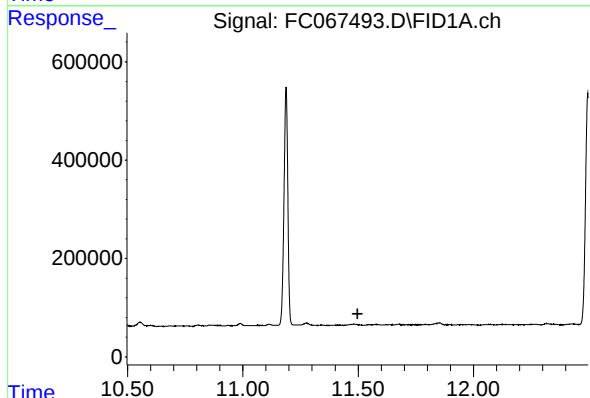
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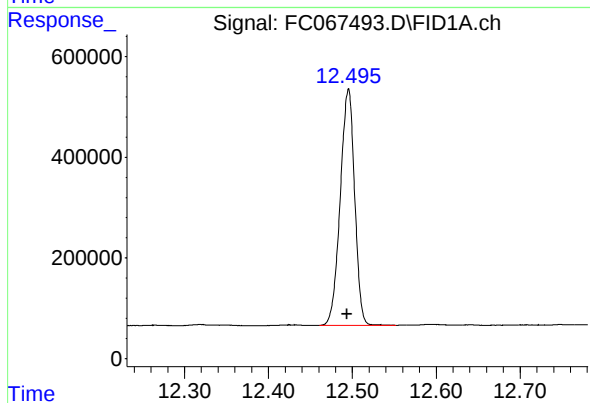
#8 n-Octadecane (C18)

R.T.: 11.187 min
Delta R.T.: 0.001 min
Response: 5571827
Conc: 41.09 ug/ml



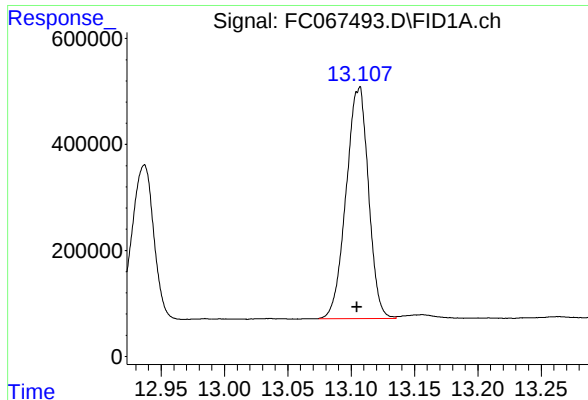
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.497 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.495 min
Delta R.T.: 0.002 min
Response: 5615180
Conc: 43.01 ug/ml



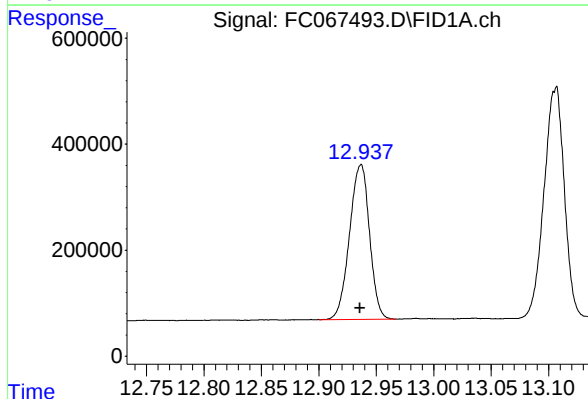
#11 n-Heneicosane (C21)

R.T.: 13.107 min
Delta R.T.: 0.002 min
Response: 5383307
Conc: 41.97 ug/ml

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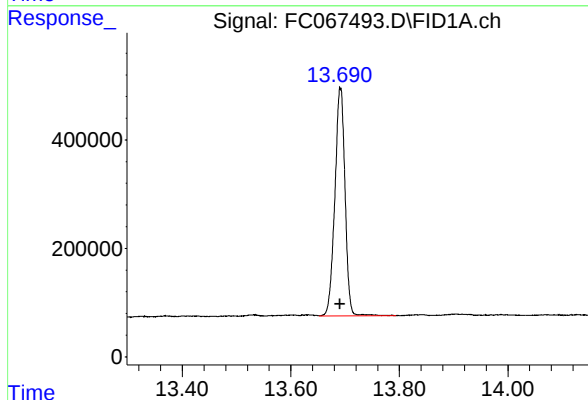
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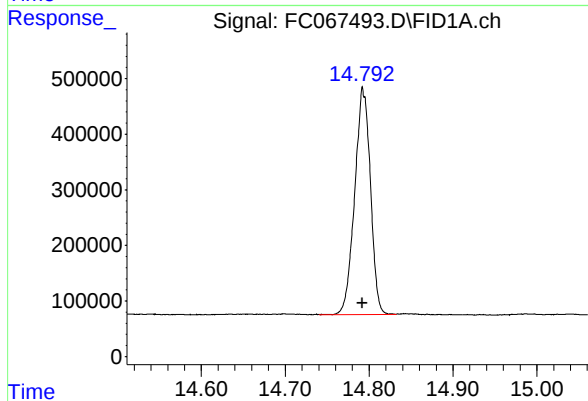
#12 1-chlorooctadecane (SURR)

R.T.: 12.937 min
Delta R.T.: 0.001 min
Response: 3543503
Conc: 31.30 ug/ml m



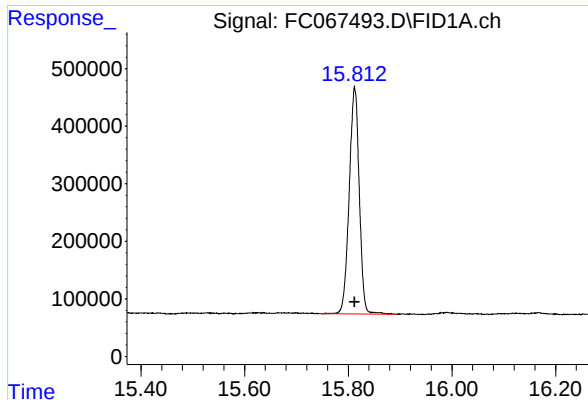
#13 n-Docosane (C22)

R.T.: 13.691 min
Delta R.T.: 0.000 min
Response: 5482947
Conc: 42.94 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.793 min
Delta R.T.: 0.001 min
Response: 5315369
Conc: 41.56 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.812 min
Delta R.T.: 0.000 min
Response: 5316897
Conc: 42.17 ug/ml

Instrument :

FID_C

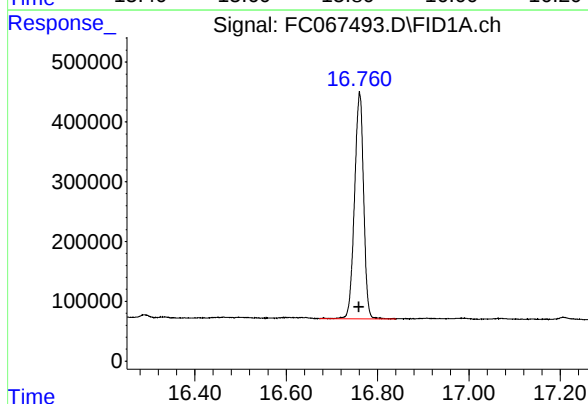
ClientSampleId :

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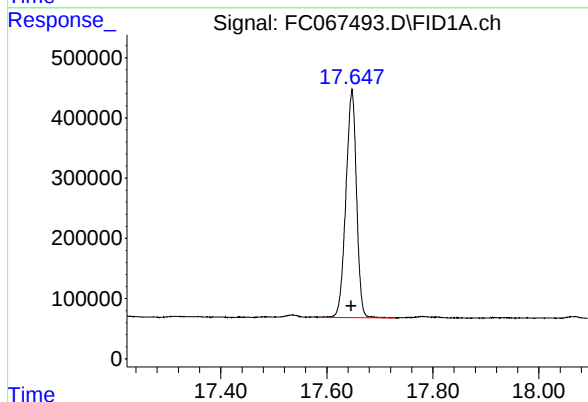
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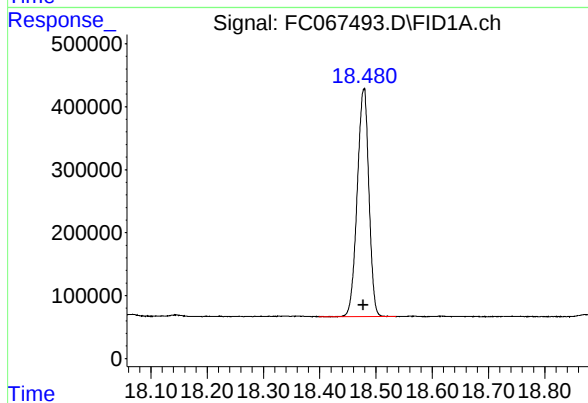
#16 n-Octacosane (C28)

R.T.: 16.761 min
Delta R.T.: 0.001 min
Response: 5232176
Conc: 41.65 ug/ml



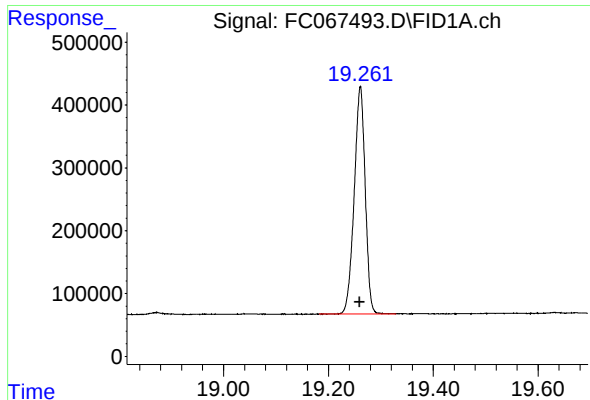
#17 n-Tricontane (C30)

R.T.: 17.647 min
Delta R.T.: 0.001 min
Response: 5250715
Conc: 40.76 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.478 min
Delta R.T.: 0.000 min
Response: 5215577
Conc: 41.75 ug/ml



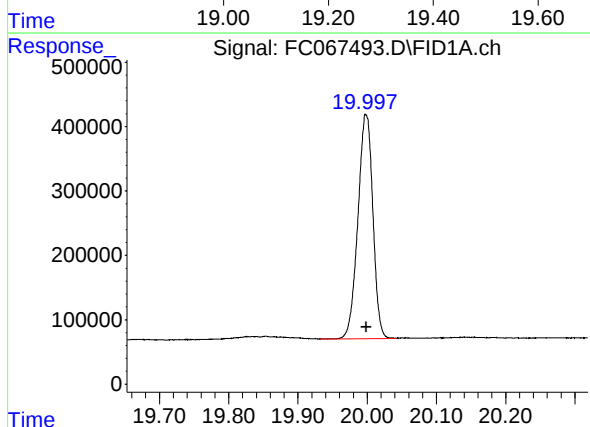
#19 n-Tetratriacontane (C34)

R.T.: 19.261 min
Delta R.T.: 0.001 min
Response: 5278547
Conc: 48.30 ug/ml

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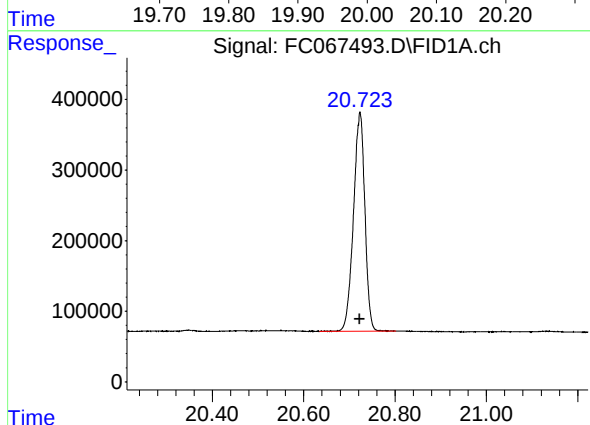
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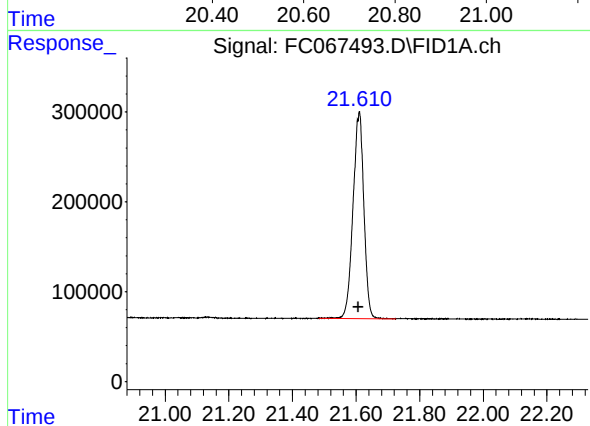
#20 n-Hexatriacontane (C36)

R.T.: 19.998 min
Delta R.T.: 0.000 min
Response: 5246311
Conc: 55.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.723 min
Delta R.T.: 0.000 min
Response: 5369622
Conc: 61.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.610 min
Delta R.T.: 0.002 min
Response: 5446080
Conc: 63.29 ug/ml