

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091324AL\
 Data File : FC067124.D
 Signal(s) : FID1A.ch
 Acq On : 13 Sep 2024 15:20
 Operator : YP/AJ
 Sample : P3905-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-3AMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :Ankita Jodhani 09/16/2024

Integration File: autoint1.e
 Quant Time: Sep 14 00:31:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 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...	12.945	3554193	36.384 ug/ml
Spiked Amount 50.000		Recovery =	72.77%
Target Compounds			
1) T n-Nonane (C9)	3.279	3082330	23.237 ug/ml
2) T n-Decane (C10)	4.345	3793994	28.249 ug/ml
4) T n-Dodecane (C12)	6.362	4188747	31.293 ug/ml
6) T n-Tetradecane (C14)	8.155	4626933	35.902 ug/ml
7) T n-Hexadecane (C16)	9.754	5030107	39.016 ug/ml
8) T n-Octadecane (C18)	11.194	5234270	40.911 ug/ml
10) T n-Eicosane (C20)	12.503	5207506	43.355 ug/ml
11) T n-Heneicosane (C21)	13.114	4992756	42.749 ug/ml
13) T n-Docosane (C22)	13.700	4920545	42.617 ug/ml
14) T n-Tetracosane (C24)	14.802	4789016	42.171 ug/ml
15) T n-Hexacosane (C26)	15.821	4664051	42.083 ug/ml
16) T n-Octacosane (C28)	16.769	4546905	42.093 ug/ml
17) T n-Tricontane (C30)	17.656	4563292	41.952 ug/ml
18) T n-Dotriacontane (C32)	18.489	4535901	43.487 ug/mlm
19) T n-Tetratriacontane (C34)	19.271	4430198	48.019 ug/ml
20) T n-Hexatriacontane (C36)	20.010	4180620	52.754 ug/ml
21) T n-Octatriacontane (C38)	20.735	3998084	53.226 ug/ml
22) T n-Tetracontane (C40)	21.624	3533427	50.575 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : P3905-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

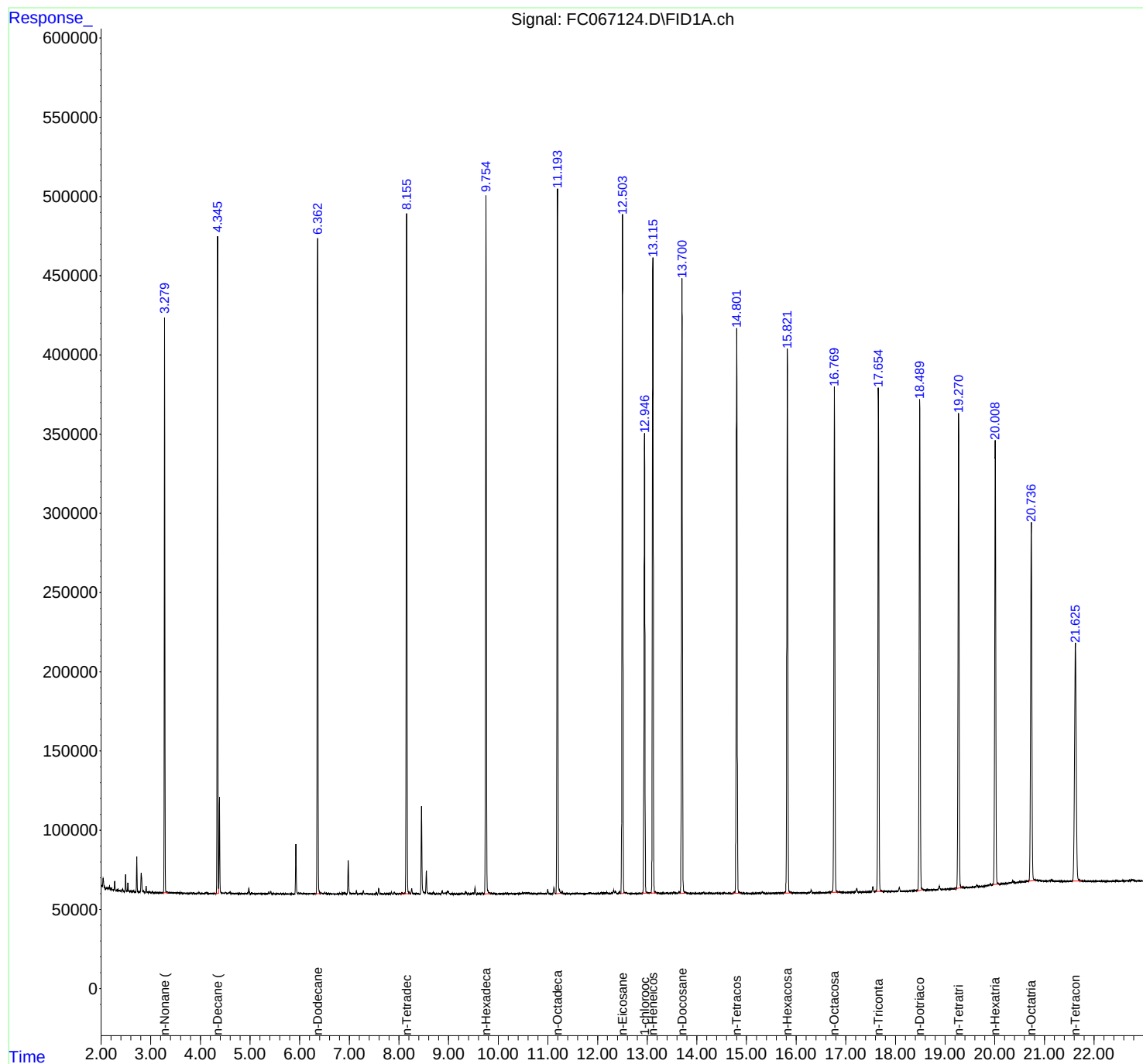
Instrument :
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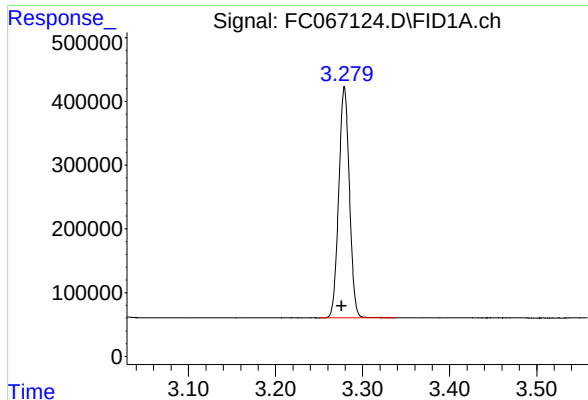
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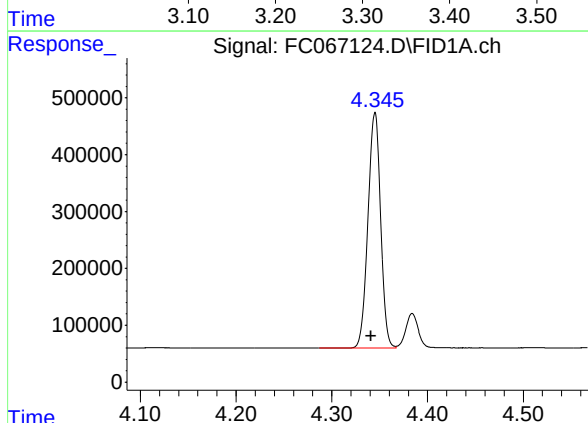
#1 n-Nonane (C9)

R.T.: 3.279 min
Delta R.T.: 0.003 min
Response: 3082330
Conc: 23.24 ug/ml

Instrument :
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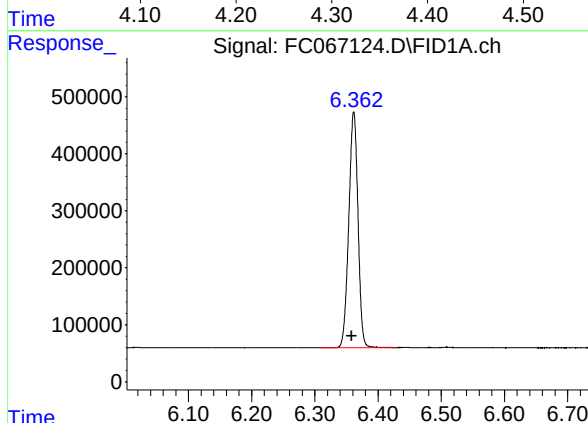
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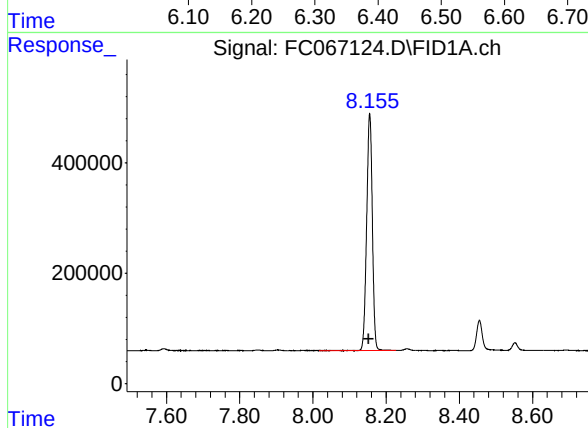
#2 n-Decane (C10)

R.T.: 4.345 min
Delta R.T.: 0.004 min
Response: 3793994
Conc: 28.25 ug/ml



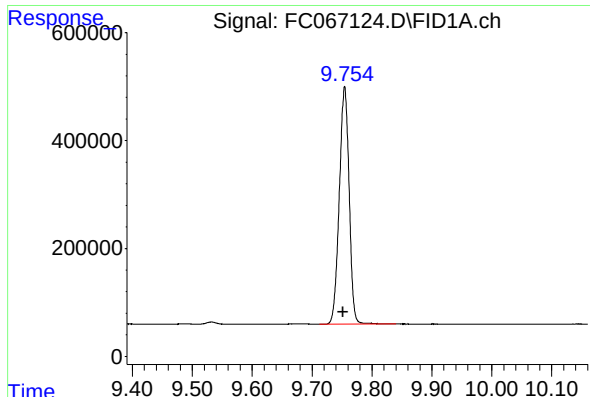
#4 n-Dodecane (C12)

R.T.: 6.362 min
Delta R.T.: 0.003 min
Response: 4188747
Conc: 31.29 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.155 min
Delta R.T.: 0.003 min
Response: 4626933
Conc: 35.90 ug/ml



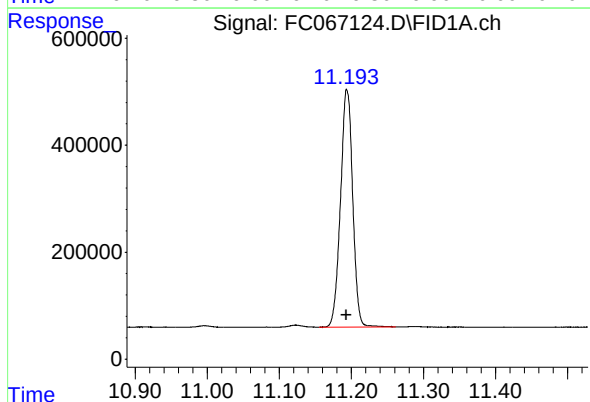
#7 n-Hexadecane (C16)

R.T.: 9.754 min
Delta R.T.: 0.002 min
Response: 5030107
Conc: 39.02 ug/ml

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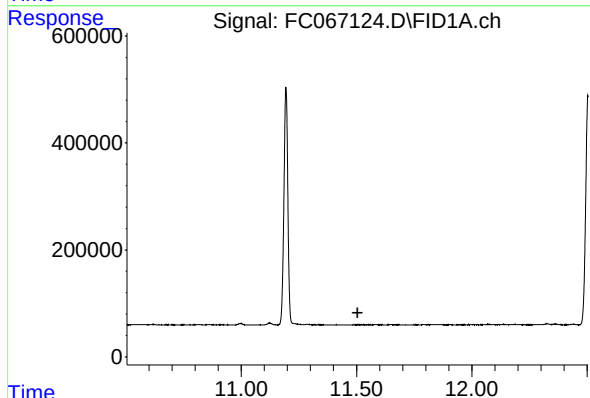
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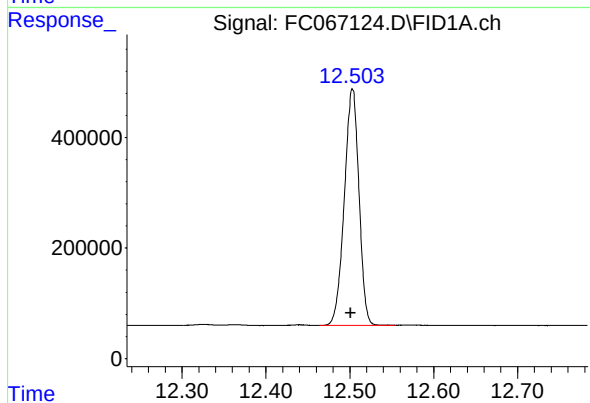
#8 n-Octadecane (C18)

R.T.: 11.194 min
Delta R.T.: 0.001 min
Response: 5234270
Conc: 40.91 ug/ml



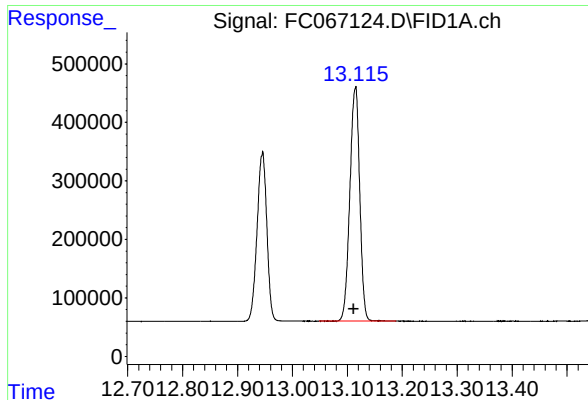
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.504 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.503 min
Delta R.T.: 0.002 min
Response: 5207506
Conc: 43.35 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.114 min
Delta R.T.: 0.003 min
Response: 4992756
Conc: 42.75 ug/ml

Instrument :

FID_C

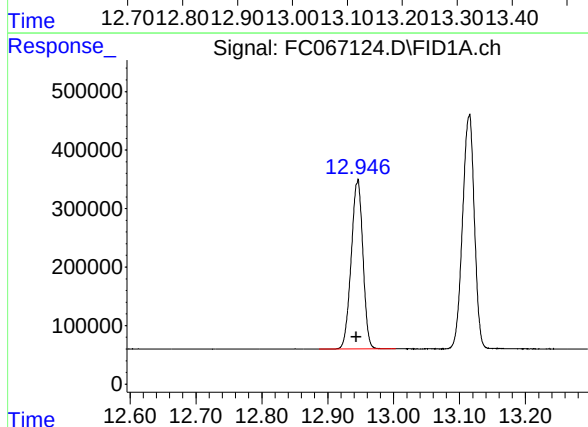
ClientSampleId :

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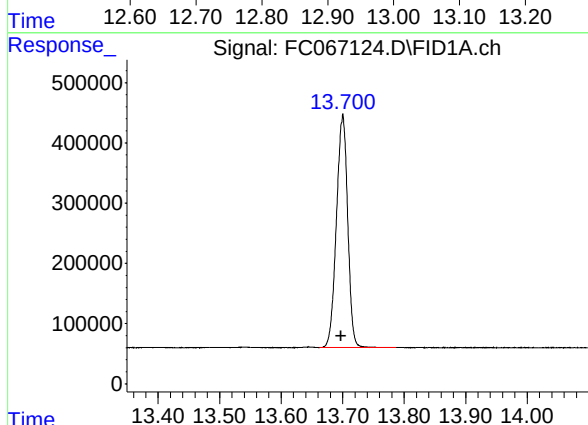
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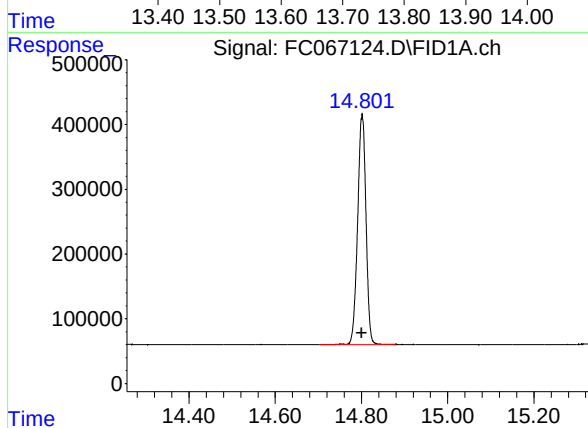
#12 1-chlorooctadecane (SURR)

R.T.: 12.945 min
Delta R.T.: 0.002 min
Response: 3554193
Conc: 36.38 ug/ml



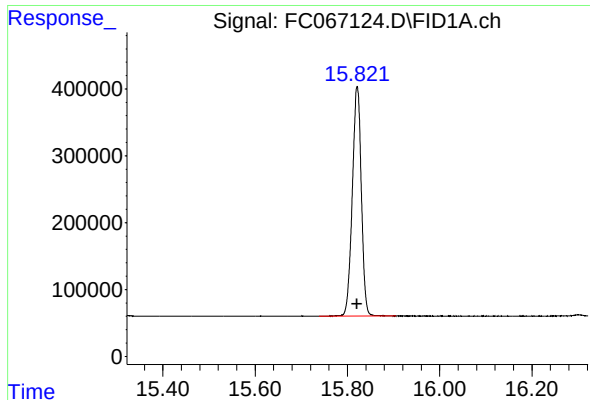
#13 n-Docosane (C22)

R.T.: 13.700 min
Delta R.T.: 0.003 min
Response: 4920545
Conc: 42.62 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.802 min
Delta R.T.: 0.000 min
Response: 4789016
Conc: 42.17 ug/ml



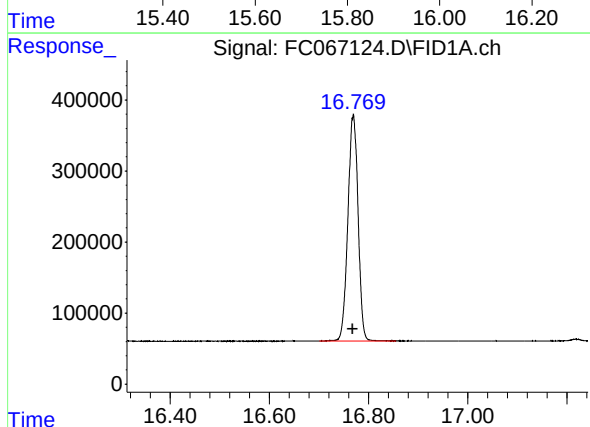
#15 n-Hexacosane (C26)

R.T.: 15.821 min
Delta R.T.: 0.000 min
Response: 4664051
Conc: 42.08 ug/ml

Instrument :
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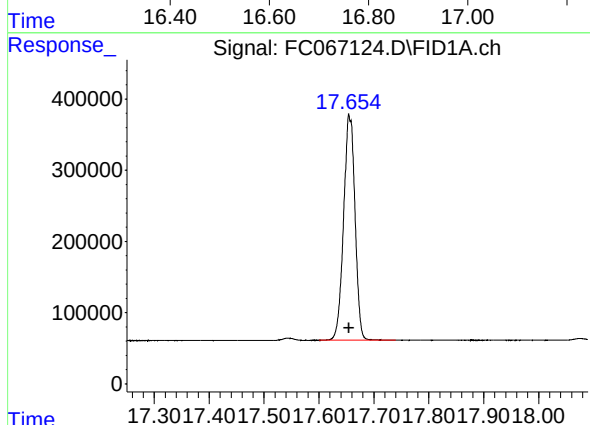
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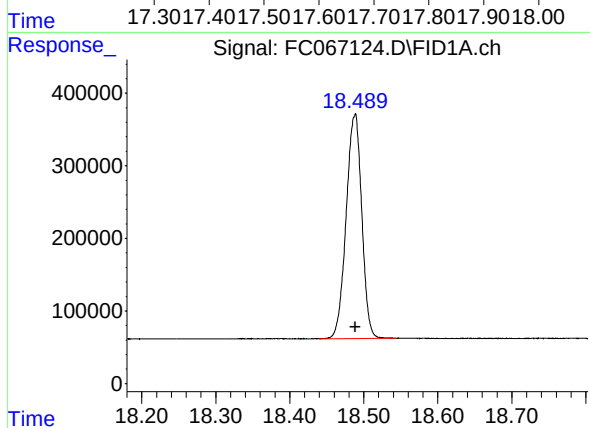
#16 n-Octacosane (C28)

R.T.: 16.769 min
Delta R.T.: 0.001 min
Response: 4546905
Conc: 42.09 ug/ml



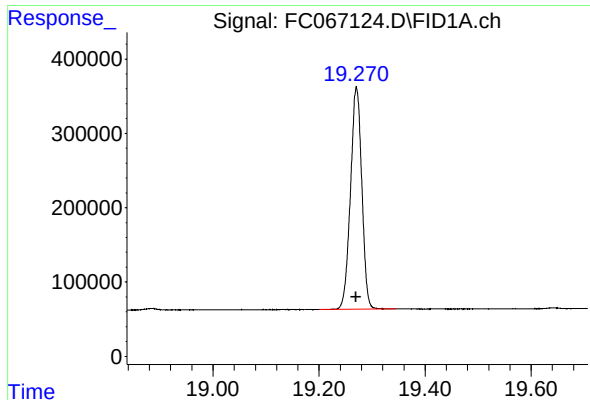
#17 n-Tricontane (C30)

R.T.: 17.656 min
Delta R.T.: 0.002 min
Response: 4563292
Conc: 41.95 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.489 min
Delta R.T.: 0.000 min
Response: 4535901
Conc: 43.49 ug/ml m



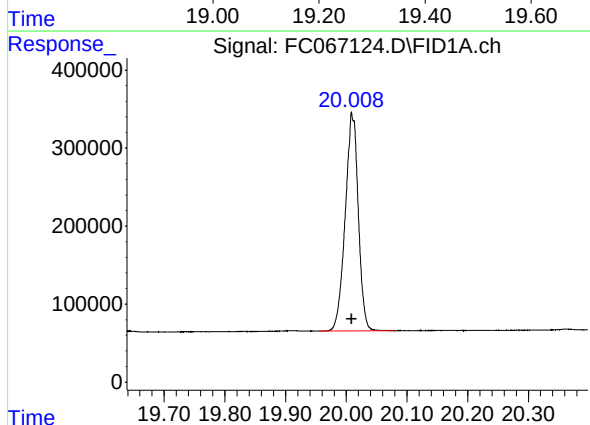
#19 n-Tetratriacontane (C34)

R.T.: 19.271 min
Delta R.T.: 0.000 min
Response: 4430198
Conc: 48.02 ug/ml

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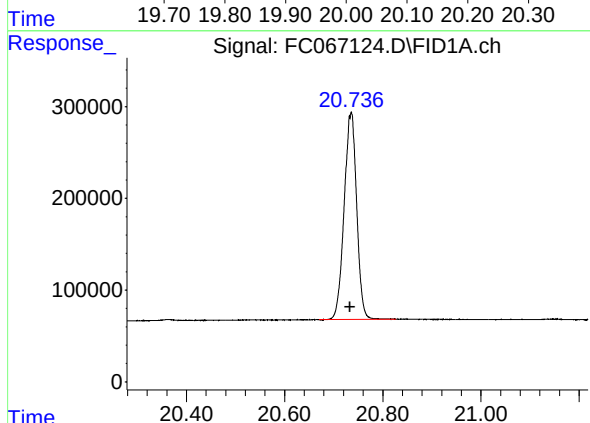
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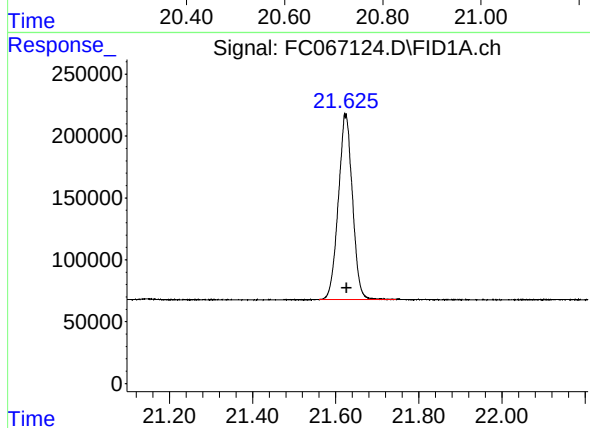
#20 n-Hexatriacontane (C36)

R.T.: 20.010 min
Delta R.T.: 0.001 min
Response: 4180620
Conc: 52.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.735 min
Delta R.T.: 0.002 min
Response: 3998084
Conc: 53.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.624 min
Delta R.T.: -0.003 min
Response: 3533427
Conc: 50.58 ug/ml