

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F100724AL\
 Data File : FC067374.D
 Signal(s) : FID1A.ch
 Acq On : 07 Oct 2024 14:36
 Operator : YP/AJ
 Sample : PB163949BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB163949BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/08/2024
 Supervised By :Ankita Jodhani 10/08/2024

Integration File: autoint1.e
 Quant Time: Oct 08 02:47:27 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			
9) S ortho-Terphenyl (SURR)	11.503	5775585	37.957 ug/ml
Spiked Amount 50.000		Recovery =	75.91%
12) S 1-chlorooctadecane (S...	12.940	4497560	39.733 ug/ml
Spiked Amount 50.000		Recovery =	79.47%
Target Compounds			
1) T n-Nonane (C9)	3.283	4688863	36.990 ug/ml
2) T n-Decane (C10)	4.345	4961597	38.599 ug/ml
3) T A~Naphthalene (C11.7)	5.921	5670085	39.971 ug/ml
4) T n-Dodecane (C12)	6.359	5083814	39.178 ug/ml
5) T A~2-methylnaphthalene...	6.976	5364739	39.105 ug/ml
6) T n-Tetradecane (C14)	8.153	5147457	39.966 ug/ml
7) T n-Hexadecane (C16)	9.750	5092705	38.257 ug/ml
8) T n-Octadecane (C18)	11.190	5085808	37.505 ug/ml
10) T n-Eicosane (C20)	12.498	5099267	39.054 ug/ml
11) T n-Heneicosane (C21)	13.108	4883964	38.080 ug/ml
13) T n-Docosane (C22)	13.694	4840120	37.906 ug/ml
14) T n-Tetracosane (C24)	14.765	10005576	78.234 ug/mlm
15) T n-Hexacosane (C26)	15.817	4709541	37.352 ug/ml
16) T n-Octacosane (C28)	16.764	4649539	37.010 ug/ml
17) T n-Tricontane (C30)	17.651	4659007	36.166 ug/ml
18) T n-Dotriacontane (C32)	18.481	4590803	36.748 ug/ml
19) T n-Tetratriacontane (C34)	19.263	4549630	41.634 ug/ml
20) T n-Hexatriacontane (C36)	20.003	4324216	45.750 ug/ml
21) T n-Octatriacontane (C38)	20.728	4208846	47.991 ug/ml
22) T n-Tetracontane (C40)	21.613	4074723	47.354 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 13 Sample Multiplier: 1

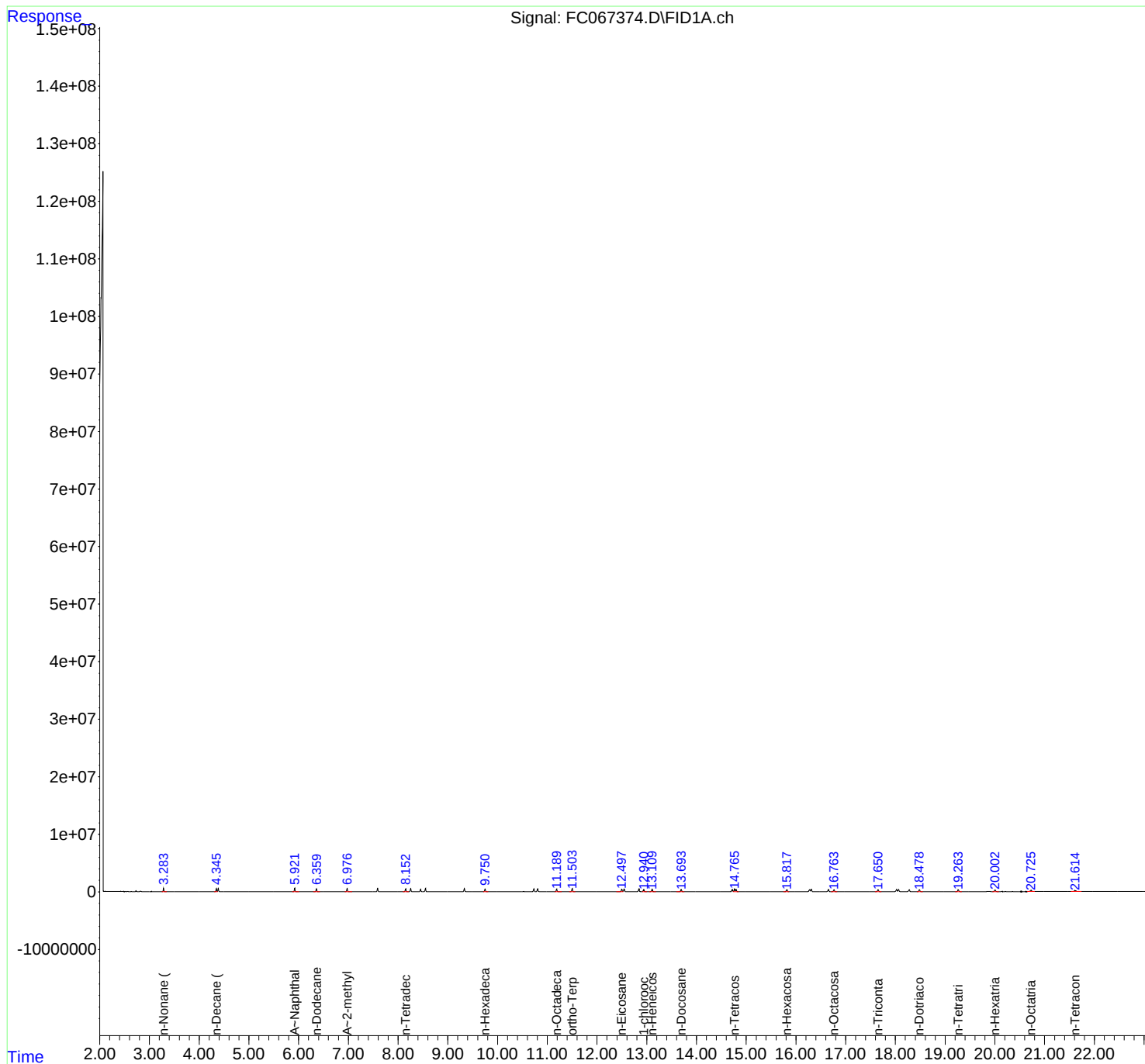
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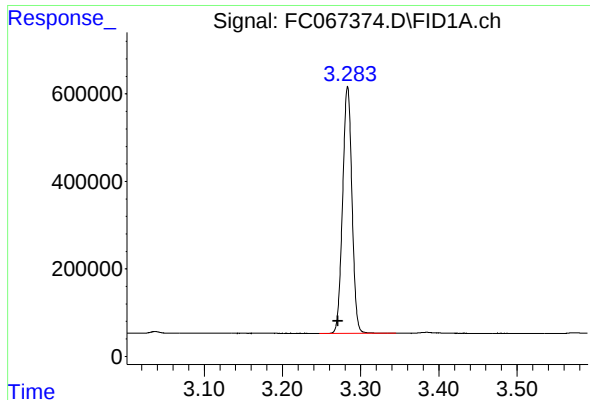
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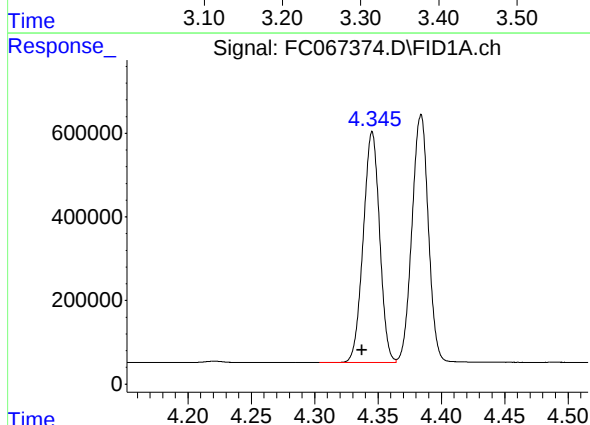
#1 n-Nonane (C9)

R.T.: 3.283 min
Delta R.T.: 0.012 min
Response: 4688863
Conc: 36.99 ug/ml

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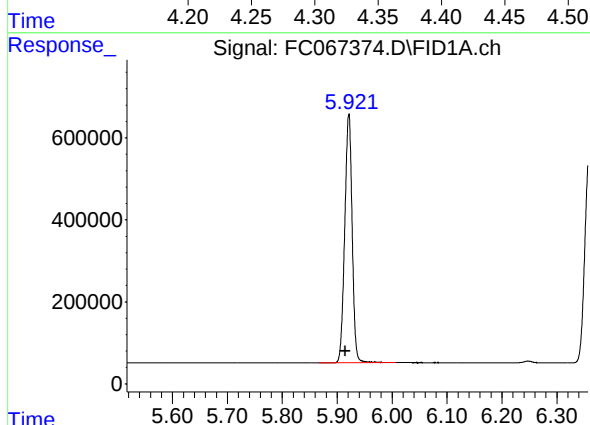
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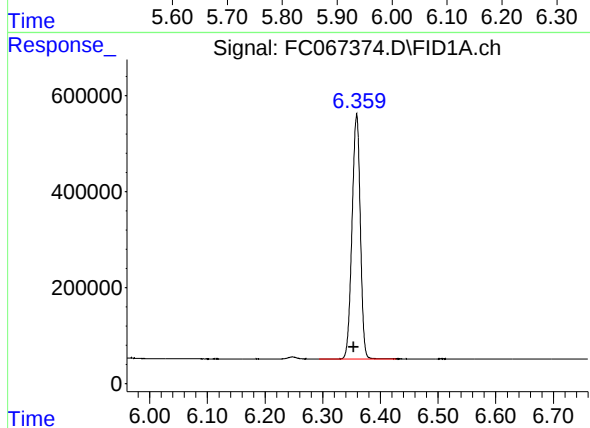
#2 n-Decane (C10)

R.T.: 4.345 min
Delta R.T.: 0.008 min
Response: 4961597
Conc: 38.60 ug/ml



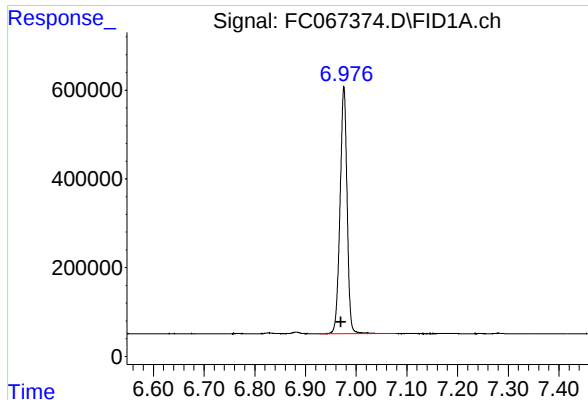
#3 A~Naphthalene (C11.7)

R.T.: 5.921 min
Delta R.T.: 0.006 min
Response: 5670085
Conc: 39.97 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.359 min
Delta R.T.: 0.005 min
Response: 5083814
Conc: 39.18 ug/ml



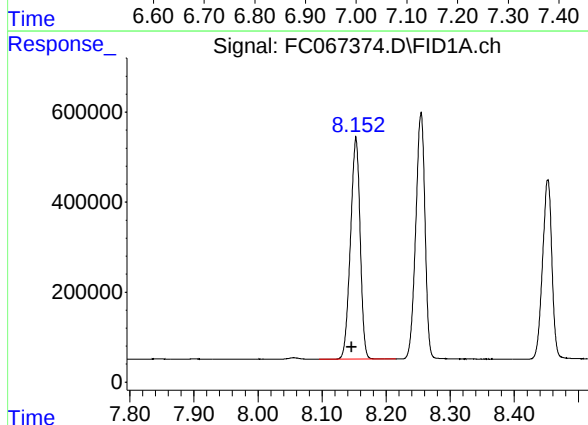
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.976 min
Delta R.T.: 0.006 min
Response: 5364739
Conc: 39.10 ug/ml

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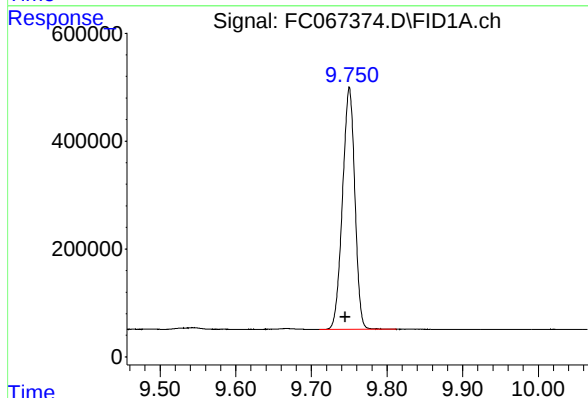
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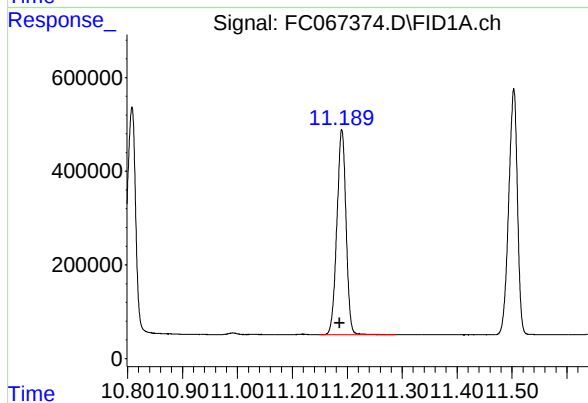
#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.006 min
Response: 5147457
Conc: 39.97 ug/ml



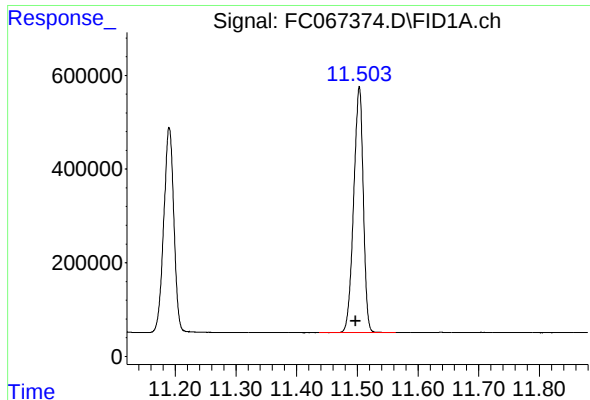
#7 n-Hexadecane (C16)

R.T.: 9.750 min
Delta R.T.: 0.005 min
Response: 5092705
Conc: 38.26 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.190 min
Delta R.T.: 0.004 min
Response: 5085808
Conc: 37.51 ug/ml



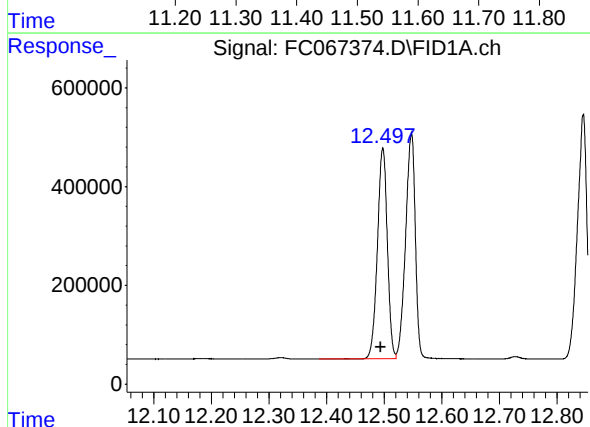
#9 ortho-Terphenyl (SURR)

R.T.: 11.503 min
Delta R.T.: 0.006 min
Response: 5775585
Conc: 37.96 ug/ml

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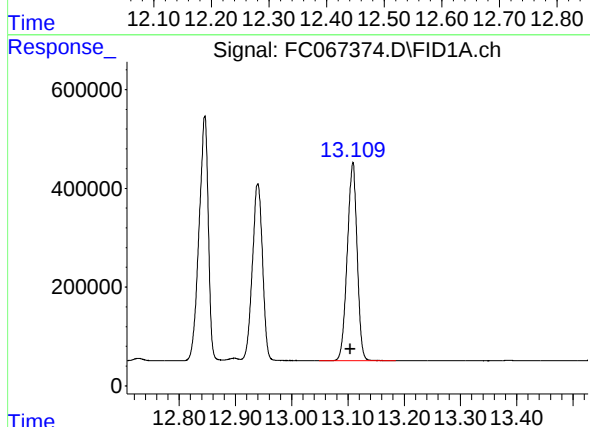
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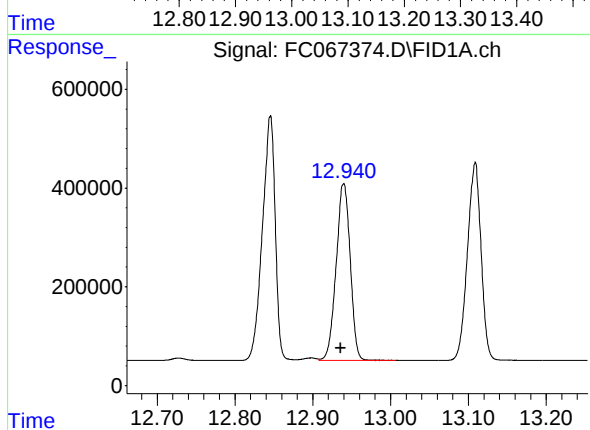
#10 n-Eicosane (C20)

R.T.: 12.498 min
Delta R.T.: 0.004 min
Response: 5099267
Conc: 39.05 ug/ml



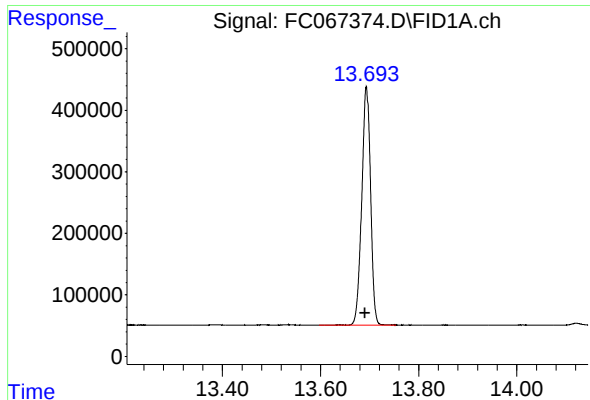
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: 0.004 min
Response: 4883964
Conc: 38.08 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.940 min
Delta R.T.: 0.004 min
Response: 4497560
Conc: 39.73 ug/ml



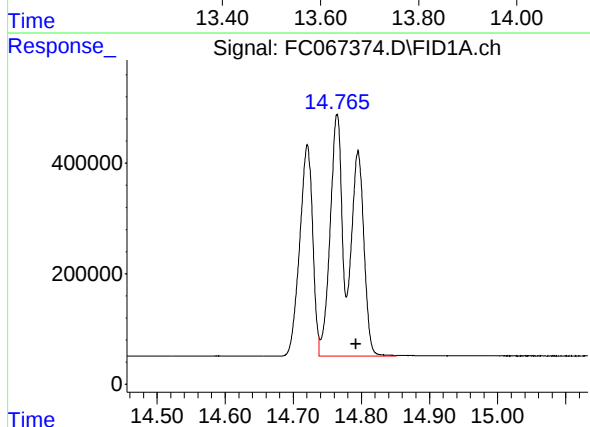
#13 n-Docosane (C22)

R.T.: 13.694 min
Delta R.T.: 0.003 min
Response: 4840120
Conc: 37.91 ug/ml

Instrument :
FID_C
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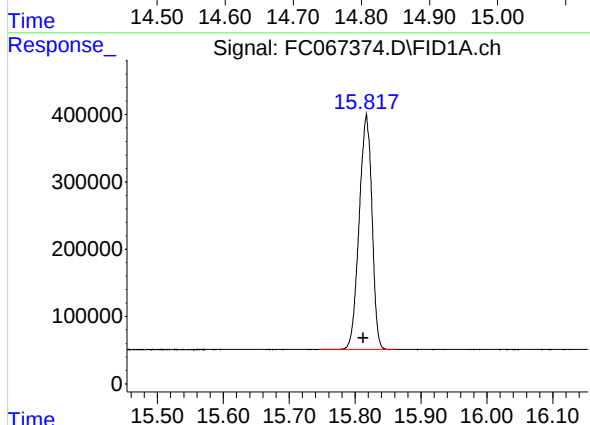
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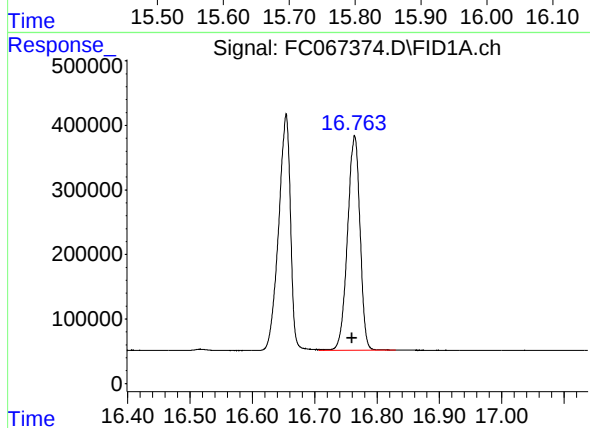
#14 n-Tetracosane (C24)

R.T.: 14.765 min
Delta R.T.: -0.027 min
Response: 10005576
Conc: 78.23 ug/ml m



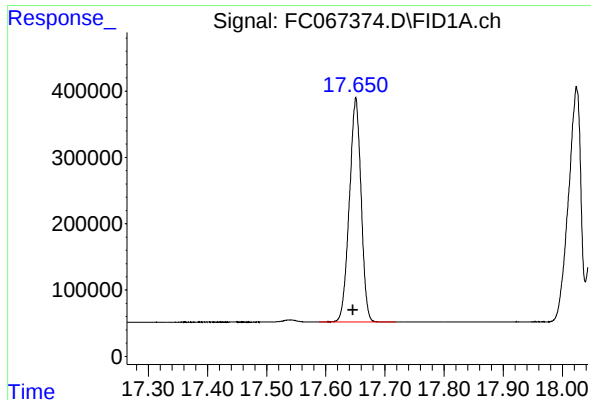
#15 n-Hexacosane (C26)

R.T.: 15.817 min
Delta R.T.: 0.005 min
Response: 4709541
Conc: 37.35 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.764 min
Delta R.T.: 0.004 min
Response: 4649539
Conc: 37.01 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.651 min
Delta R.T.: 0.005 min
Response: 4659007
Conc: 36.17 ug/ml

Instrument :

FID_C

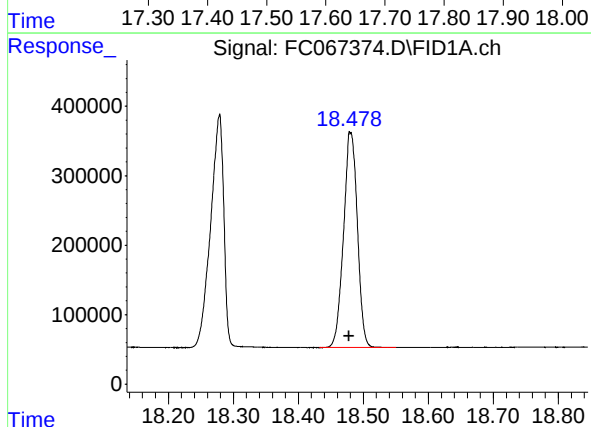
ClientSampleId :

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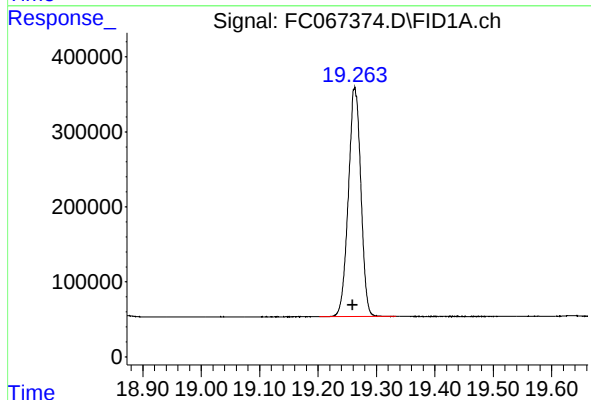
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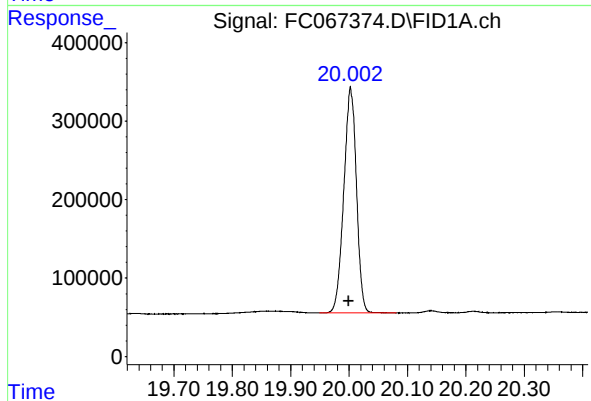
#18 n-Dotriacontane (C32)

R.T.: 18.481 min
Delta R.T.: 0.003 min
Response: 4590803
Conc: 36.75 ug/ml



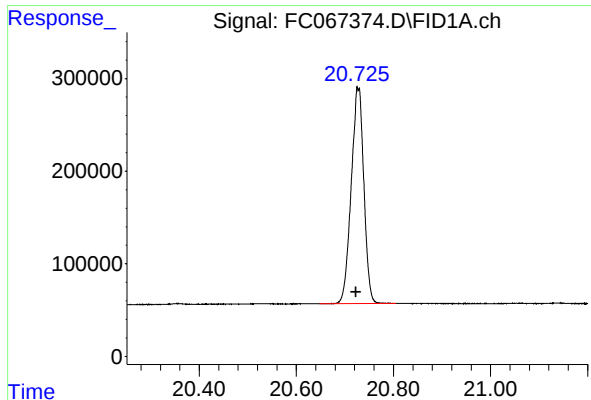
#19 n-Tetratriacontane (C34)

R.T.: 19.263 min
Delta R.T.: 0.004 min
Response: 4549630
Conc: 41.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.003 min
Delta R.T.: 0.004 min
Response: 4324216
Conc: 45.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.728 min
Delta R.T.: 0.005 min
Response: 4208846
Conc: 47.99 ug/ml

Instrument :

FID_C

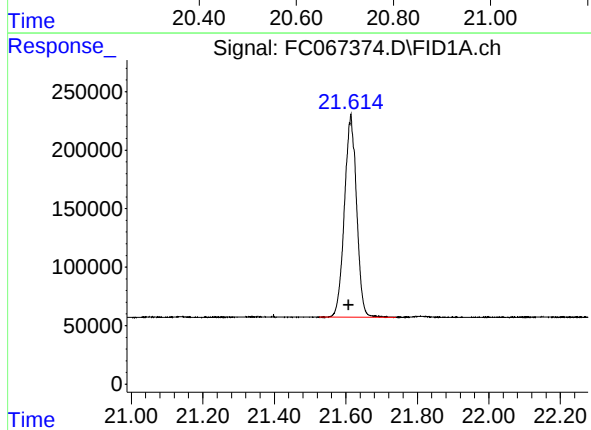
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#22 n-Tetracontane (C40)

R.T.: 21.613 min
Delta R.T.: 0.006 min
Response: 4074723
Conc: 47.35 ug/ml