

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120524AL\
 Data File : FC067917.D
 Signal(s) : FID1A.ch
 Acq On : 05 Dec 2024 15:28
 Operator : YP/AJ
 Sample : PB165385BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB165385BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/09/2024
 Supervised By :Ankita Jodhani 12/09/2024

Integration File: sample.E
 Quant Time: Dec 06 00:18:35 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)	11.476	6373629	32.875 ug/ml
Spiked Amount 50.000		Recovery =	65.75%
12) S 1-chlorooctadecane (S...	12.915	5099374	35.129 ug/ml
Spiked Amount 50.000		Recovery =	70.26%
Target Compounds			
1) T n-Nonane (C9)	3.264	6052685	37.107 ug/ml
2) T n-Decane (C10)	4.322	6345461	38.264 ug/ml
3) T A~Naphthalene (C11.7)	5.894	7203563	39.330 ug/ml
4) T n-Dodecane (C12)	6.332	6554538	38.916 ug/ml
5) T A~2-methylnaphthalene...	6.949	6632794	37.399 ug/ml
6) T n-Tetradecane (C14)	8.127	6679333	39.883 ug/ml
7) T n-Hexadecane (C16)	9.725	6597833	38.072 ug/ml
8) T n-Octadecane (C18)	11.166	6521070	37.064 ug/ml
10) T n-Eicosane (C20)	12.474	6452207	38.318 ug/ml
11) T n-Heneicosane (C21)	13.085	6113570	37.156 ug/ml
13) T n-Docosane (C22)	13.670	6007952	36.892 ug/ml
14) T n-Tetracosane (C24)	14.740	11698313	72.940 ug/mlm
15) T n-Hexacosane (C26)	15.792	5614643	36.256 ug/ml
16) T n-Octacosane (C28)	16.740	5479980	36.286 ug/ml
17) T n-Tricontane (C30)	17.629	5403050	35.289 ug/ml
18) T n-Dotriacontane (C32)	18.457	5132057	34.748 ug/ml
19) T n-Tetratriacontane (C34)	19.240	4554467	36.109 ug/ml
20) T n-Hexatriacontane (C36)	19.978	3610494	34.521 ug/ml
21) T n-Octatriacontane (C38)	20.698	2922388	29.917 ug/ml
22) T n-Tetracontane (C40)	21.578	2501562	25.666 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 13 Sample Multiplier: 1

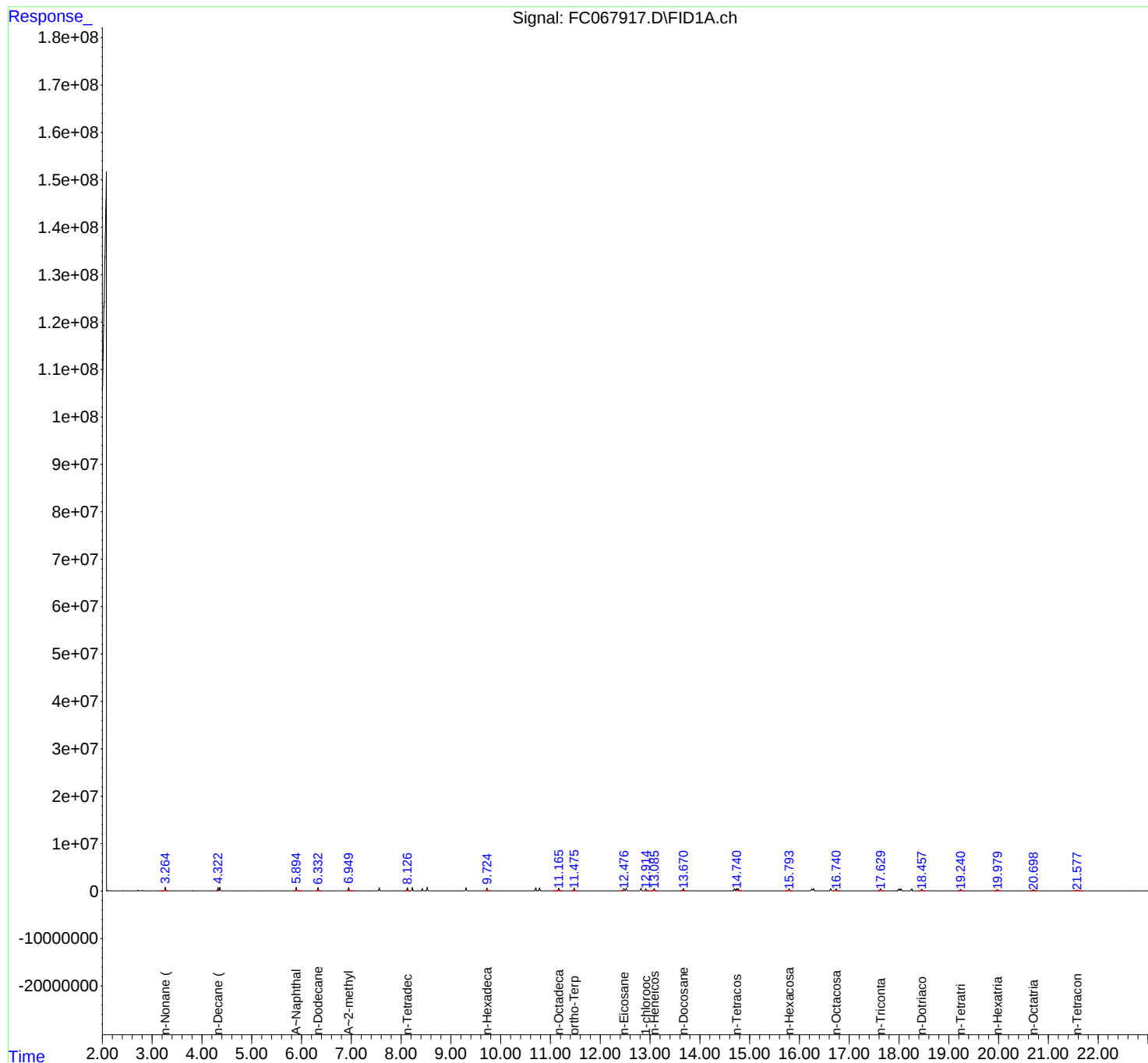
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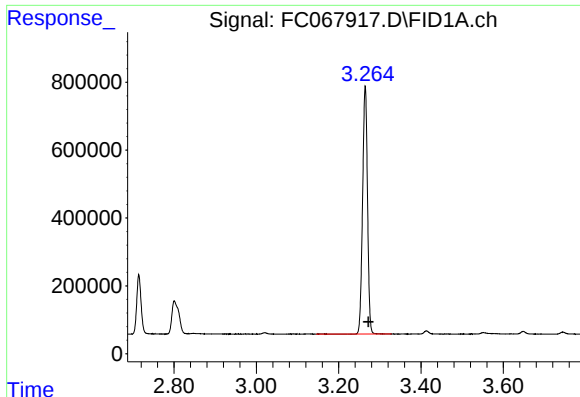
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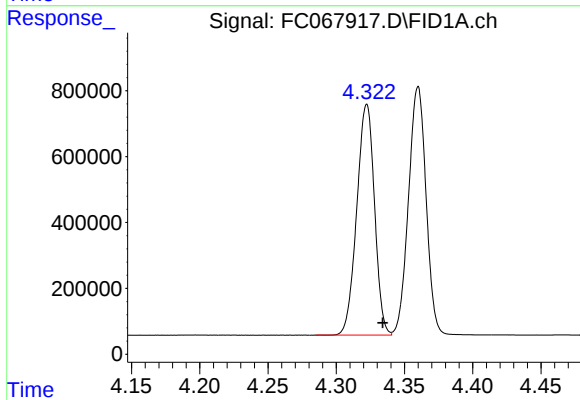
#1 n-Nonane (C9)

R.T.: 3.264 min
Delta R.T.: -0.008 min
Response: 6052685
Conc: 37.11 ug/ml

Instrument :
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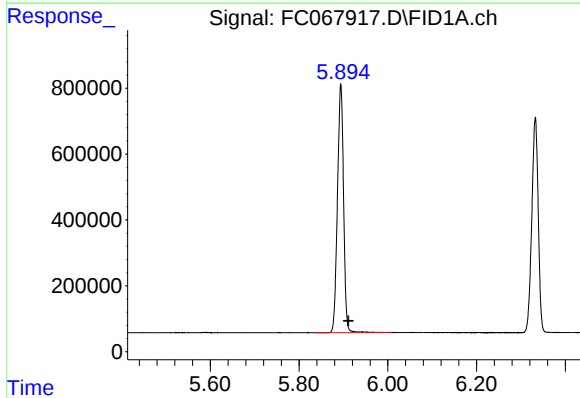
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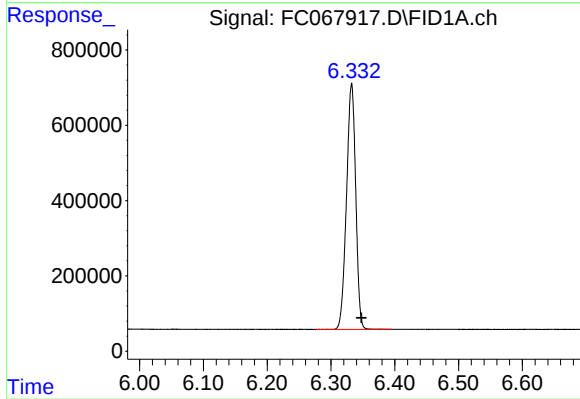
#2 n-Decane (C10)

R.T.: 4.322 min
Delta R.T.: -0.012 min
Response: 6345461
Conc: 38.26 ug/ml



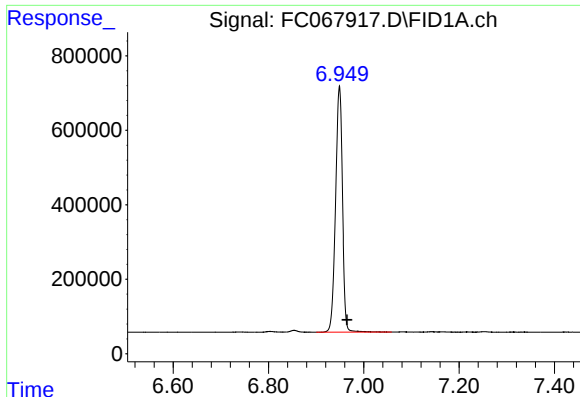
#3 A~Naphthalene (C11.7)

R.T.: 5.894 min
Delta R.T.: -0.017 min
Response: 7203563
Conc: 39.33 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.332 min
Delta R.T.: -0.015 min
Response: 6554538
Conc: 38.92 ug/ml



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

R.T.: 6.949 min
Delta R.T.: -0.016 min
Response: 6632794
Conc: 37.40 ug/ml

Instrument :

FID_C

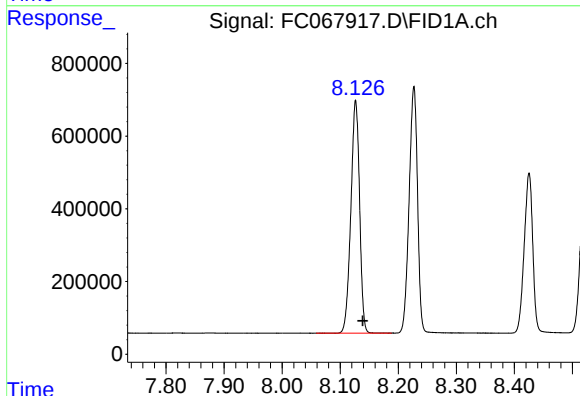
ClientSampleId :

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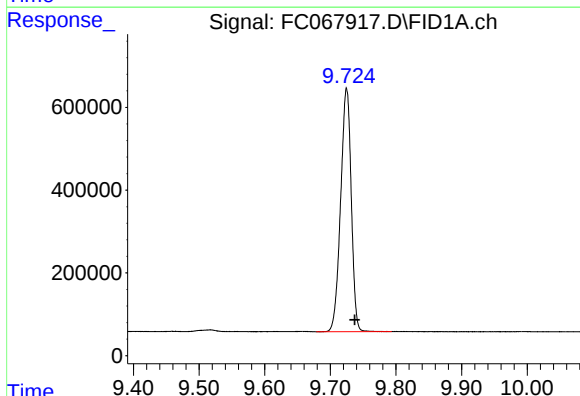
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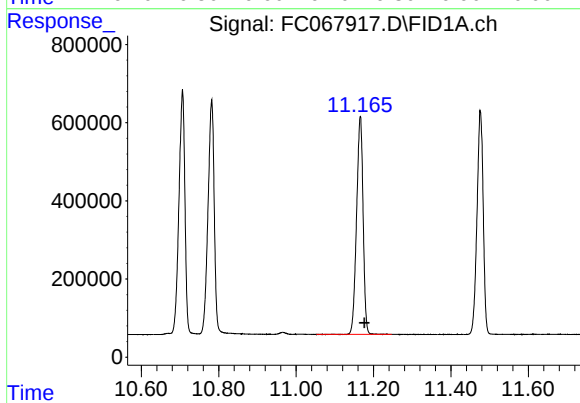
#6 n-Tetradecane (C14)

R.T.: 8.127 min
Delta R.T.: -0.012 min
Response: 6679333
Conc: 39.88 ug/ml



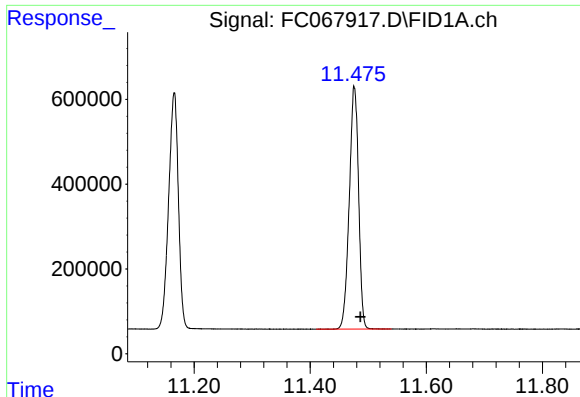
#7 n-Hexadecane (C16)

R.T.: 9.725 min
Delta R.T.: -0.012 min
Response: 6597833
Conc: 38.07 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.166 min
Delta R.T.: -0.011 min
Response: 6521070
Conc: 37.06 ug/ml



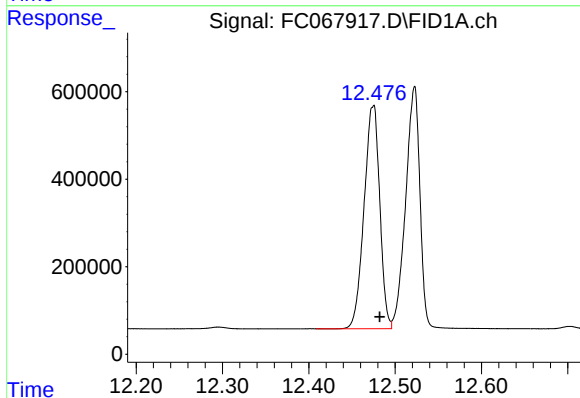
#9 ortho-Terphenyl (SURR)

R.T.: 11.476 min
Delta R.T.: -0.010 min
Response: 6373629
Conc: 32.87 ug/ml

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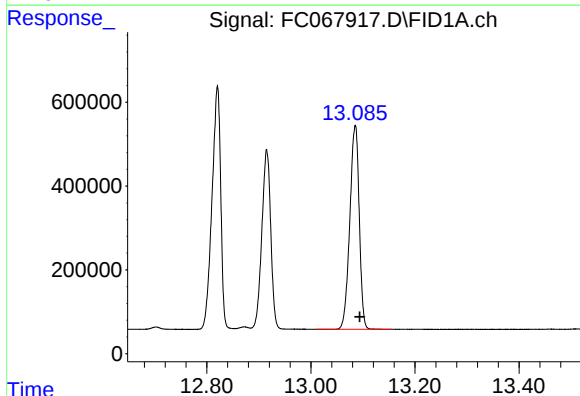
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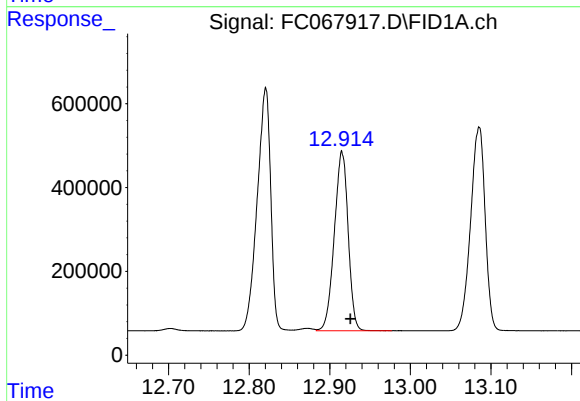
#10 n-Eicosane (C20)

R.T.: 12.474 min
Delta R.T.: -0.008 min
Response: 6452207
Conc: 38.32 ug/ml



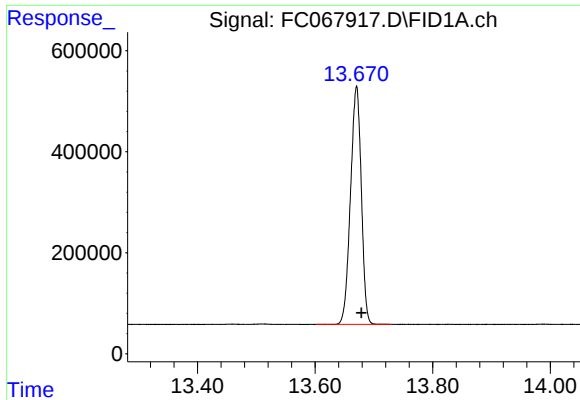
#11 n-Heneicosane (C21)

R.T.: 13.085 min
Delta R.T.: -0.009 min
Response: 6113570
Conc: 37.16 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.915 min
Delta R.T.: -0.011 min
Response: 5099374
Conc: 35.13 ug/ml



#13 n-Docosane (C22)

R.T.: 13.670 min
Delta R.T.: -0.008 min
Response: 6007952
Conc: 36.89 ug/ml

Instrument :

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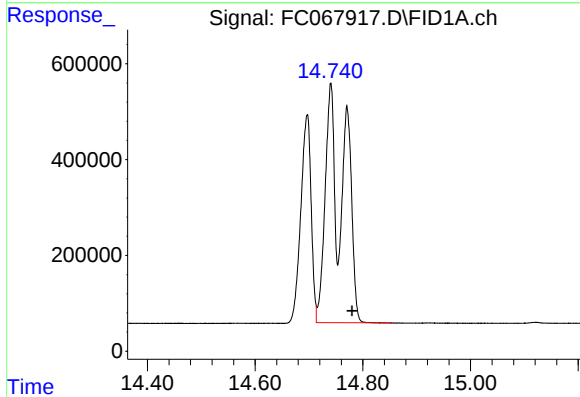
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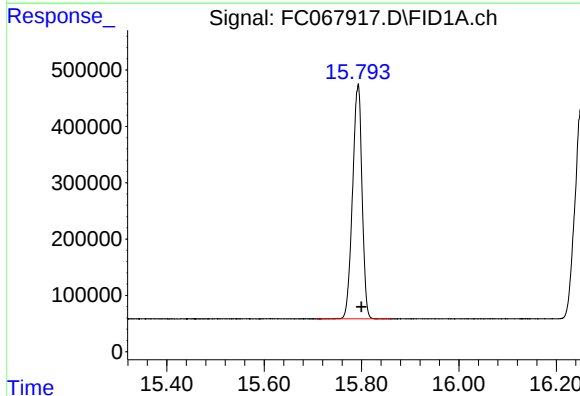
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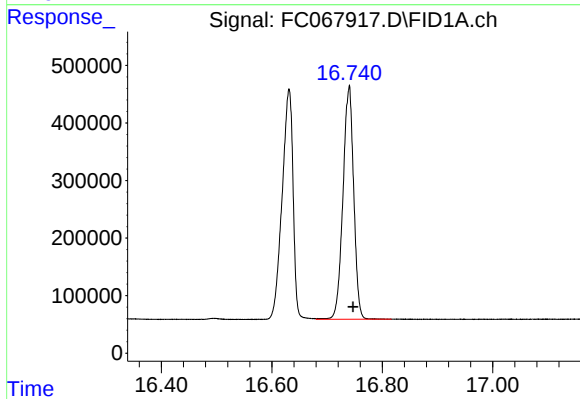
#14 n-Tetracosane (C24)

R.T.: 14.740 min
Delta R.T.: -0.040 min
Response: 11698313
Conc: 72.94 ug/ml m



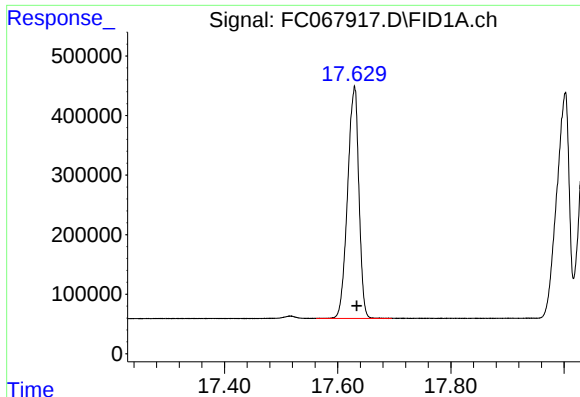
#15 n-Hexacosane (C26)

R.T.: 15.792 min
Delta R.T.: -0.007 min
Response: 5614643
Conc: 36.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.740 min
Delta R.T.: -0.007 min
Response: 5479980
Conc: 36.29 ug/ml



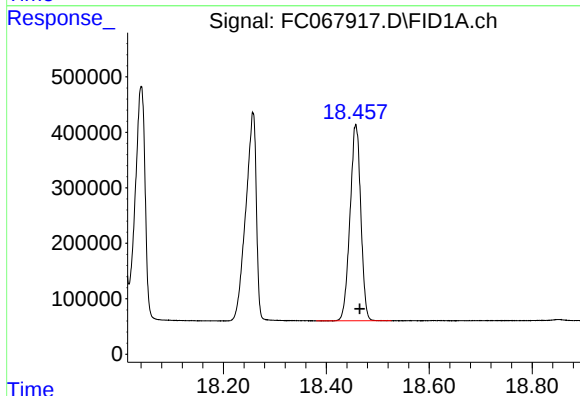
#17 n-Tricontane (C30)

R.T.: 17.629 min
Delta R.T.: -0.004 min
Response: 5403050
Conc: 35.29 ug/ml

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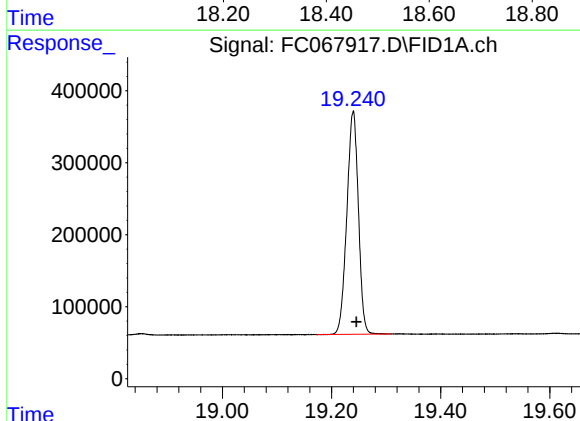
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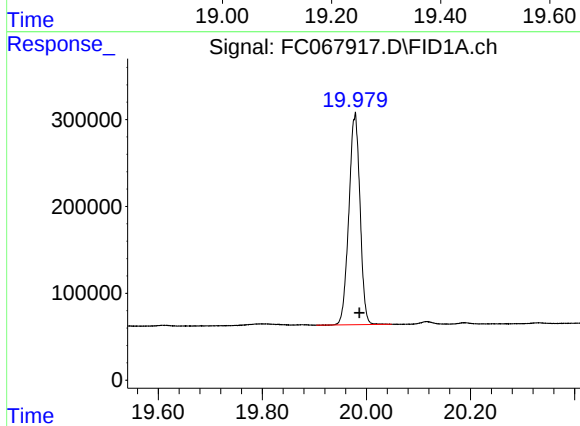
#18 n-Dotriacontane (C32)

R.T.: 18.457 min
Delta R.T.: -0.008 min
Response: 5132057
Conc: 34.75 ug/ml



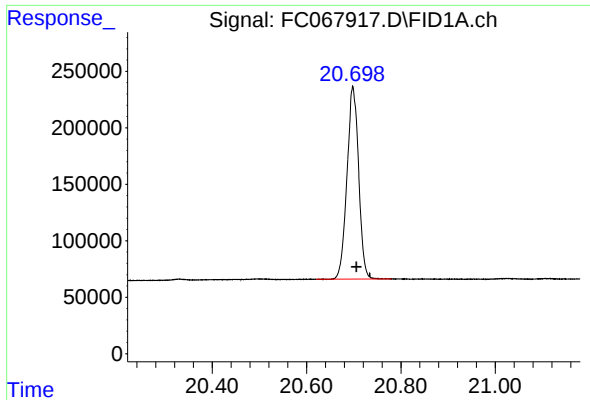
#19 n-Tetratriacontane (C34)

R.T.: 19.240 min
Delta R.T.: -0.006 min
Response: 4554467
Conc: 36.11 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.978 min
Delta R.T.: -0.008 min
Response: 3610494
Conc: 34.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.698 min
Delta R.T.: -0.007 min
Response: 2922388
Conc: 29.92 ug/ml

Instrument :

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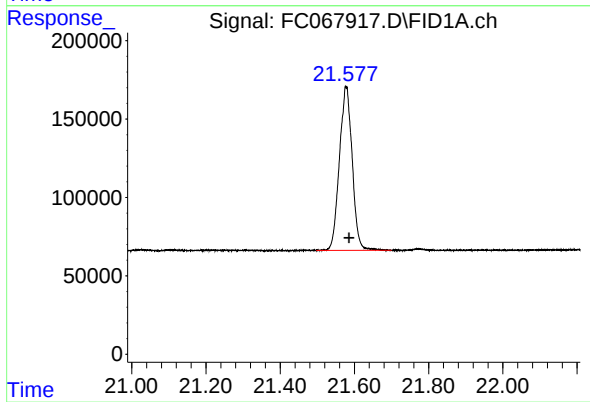
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#22 n-Tetracontane (C40)

R.T.: 21.578 min
Delta R.T.: -0.007 min
Response: 2501562
Conc: 25.67 ug/ml