

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082922AL\
 Data File : FC061332.D
 Signal(s) : FID1A.ch
 Acq On : 29 Aug 2022 18:07
 Operator : YP/AJ
 Sample : PB147323BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB147323BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/30/2022
 Supervised By :Ankita Jodhani 08/30/2022

Integration File: autoint1.e
 Quant Time: Aug 30 04:58:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 05:32:18 2022
 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)	11.643	6602211	37.295 ug/ml
Spiked Amount 50.000		Recovery =	74.59%
12) S 1-chlorooctadecane (S...	13.074	5299607	37.841 ug/ml
Spiked Amount 50.000		Recovery =	75.68%
Target Compounds			
1) T n-Nonane (C9)	3.419	5002526	33.088 ug/ml
2) T n-Decane (C10)	4.484	5225562	34.438 ug/ml
3) T A~Naphthalene (C11.7)	6.068	5757617	33.261 ug/ml
4) T n-Dodecane (C12)	6.495	5553951	35.861 ug/ml
5) T A~2-methylnaphthalene...	7.120	5730496	32.544 ug/ml
6) T n-Tetradecane (C14)	8.288	5745126	36.730 ug/ml
7) T n-Hexadecane (C16)	9.883	6051588	38.636 ug/ml
8) T n-Octadecane (C18)	11.323	6345604	40.221 ug/ml
10) T n-Eicosane (C20)	12.630	6275012	40.364 ug/ml
11) T n-Heneicosane (C21)	13.240	6250359	39.959 ug/ml
13) T n-Docosane (C22)	13.826	6174426	39.789 ug/ml
14) T n-Tetracosane (C24)	14.914	11579181	74.848 ug/ml
15) T n-Hexacosane (C26)	15.947	5825710	38.708 ug/ml
16) T n-Octacosane (C28)	16.893	5636753	38.162 ug/ml
17) T n-Tricontane (C30)	17.780	5355763	38.777 ug/ml
18) T n-Dotriacontane (C32)	18.610	5258595	47.908 ug/ml
19) T n-Tetratriacontane (C34)	19.393	5191352	67.256 ug/ml
20) T n-Hexatriacontane (C36)	20.131	4912306	87.008 ug/mlm
21) T n-Octatriacontane (C38)	20.872	4904967	105.730 ug/ml
22) T n-Tetracontane (C40)	21.807	5094935	121.471 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 7 Sample Multiplier: 1

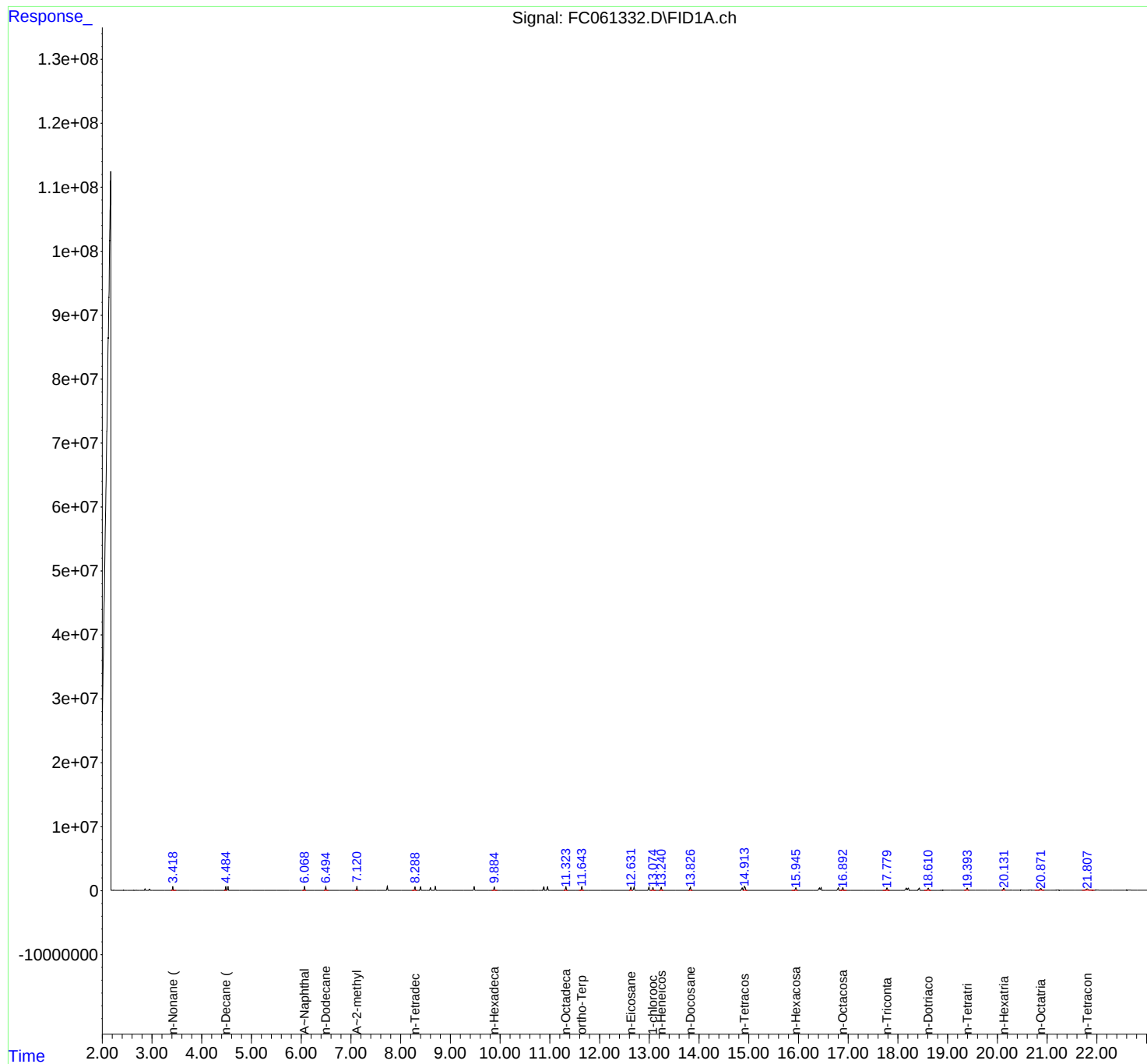
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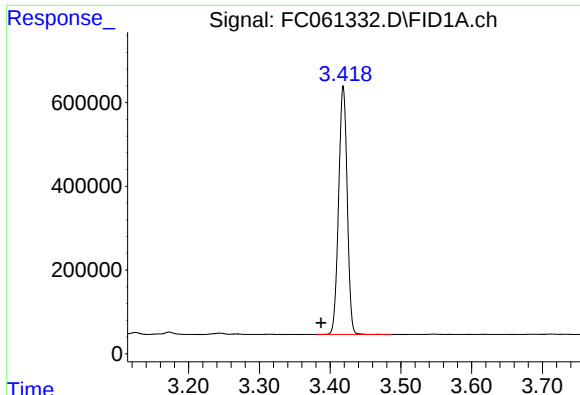
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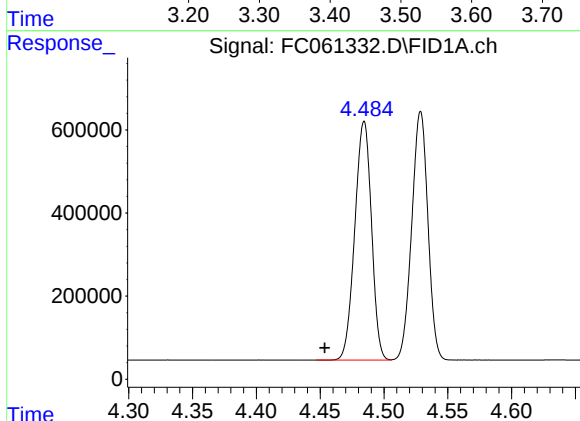
#1 n-Nonane (C9)

R.T.: 3.419 min
Delta R.T.: 0.032 min
Response: 5002526
Conc: 33.09 ug/ml

Instrument :
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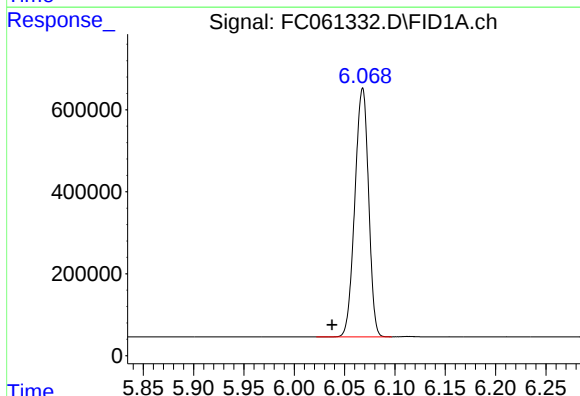
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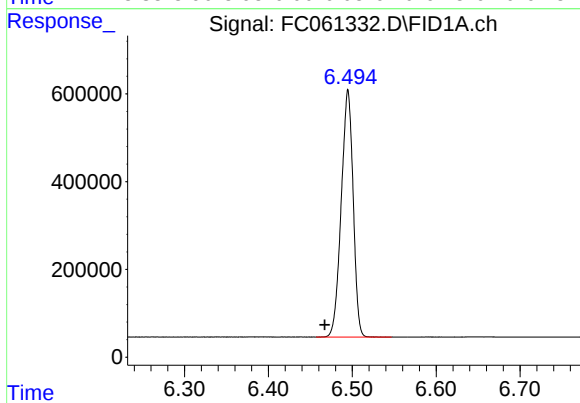
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: 0.031 min
Response: 5225562
Conc: 34.44 ug/ml



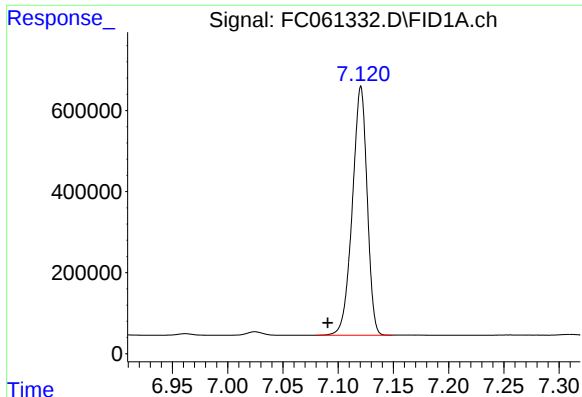
#3 A~Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: 0.030 min
Response: 5757617
Conc: 33.26 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.495 min
Delta R.T.: 0.028 min
Response: 5553951
Conc: 35.86 ug/ml



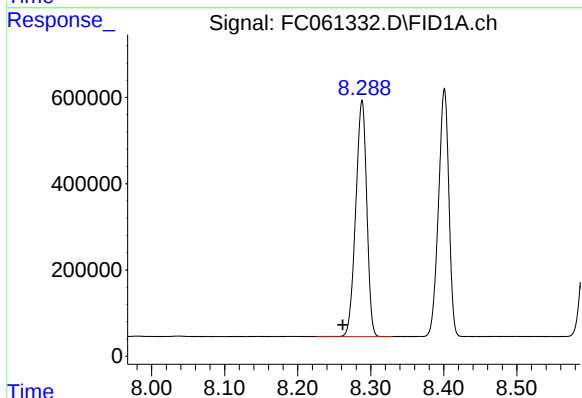
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.120 min
Delta R.T.: 0.030 min
Response: 5730496
Conc: 32.54 ug/ml

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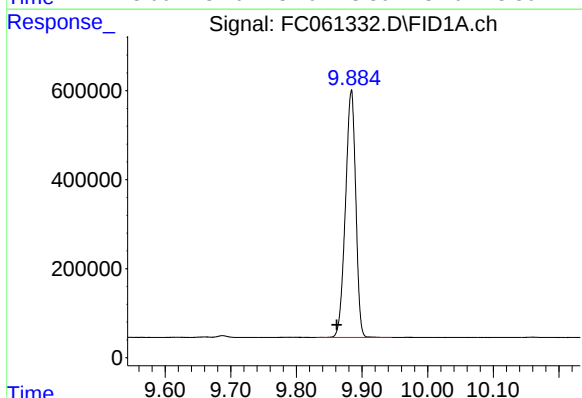
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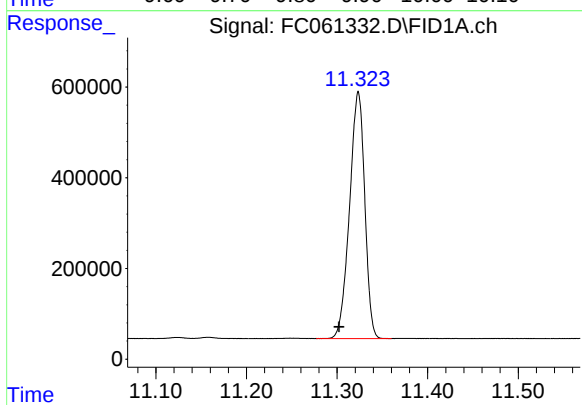
#6 n-Tetradecane (C14)

R.T.: 8.288 min
Delta R.T.: 0.026 min
Response: 5745126
Conc: 36.73 ug/ml



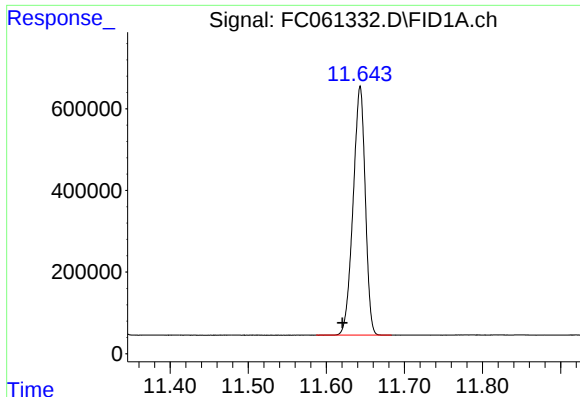
#7 n-Hexadecane (C16)

R.T.: 9.883 min
Delta R.T.: 0.022 min
Response: 6051588
Conc: 38.64 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.323 min
Delta R.T.: 0.021 min
Response: 6345604
Conc: 40.22 ug/ml



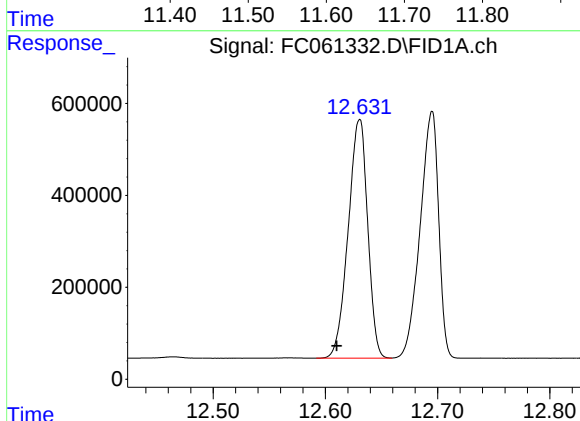
#9 ortho-Terphenyl (SURR)

R.T.: 11.643 min
Delta R.T.: 0.022 min
Response: 6602211
Conc: 37.29 ug/ml

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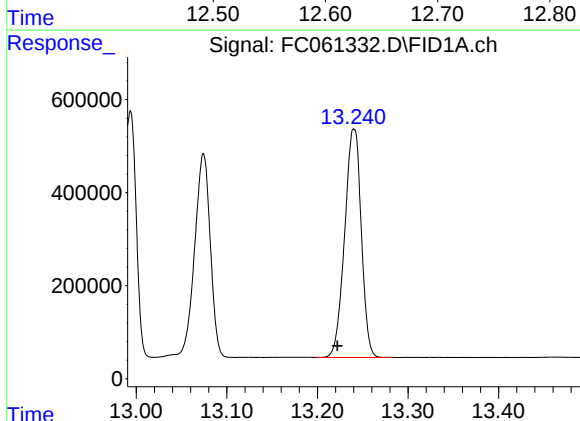
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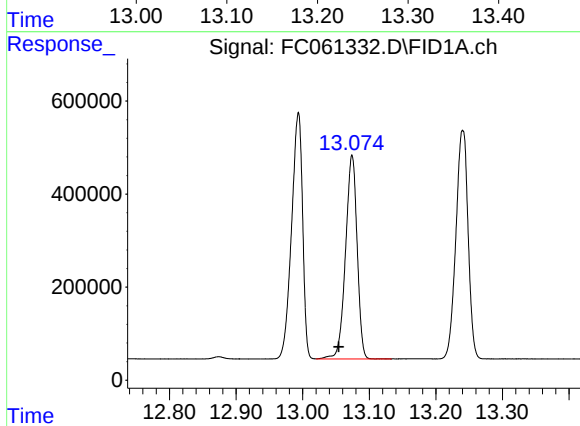
#10 n-Eicosane (C20)

R.T.: 12.630 min
Delta R.T.: 0.020 min
Response: 6275012
Conc: 40.36 ug/ml



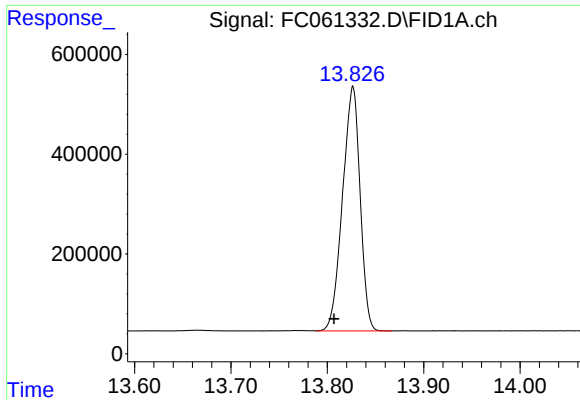
#11 n-Heneicosane (C21)

R.T.: 13.240 min
Delta R.T.: 0.018 min
Response: 6250359
Conc: 39.96 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.074 min
Delta R.T.: 0.020 min
Response: 5299607
Conc: 37.84 ug/ml



#13 n-Docosane (C22)

R.T.: 13.826 min
Delta R.T.: 0.019 min
Response: 6174426
Conc: 39.79 ug/ml

Instrument :

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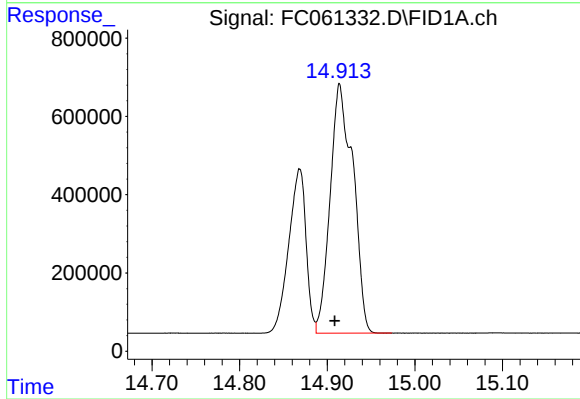
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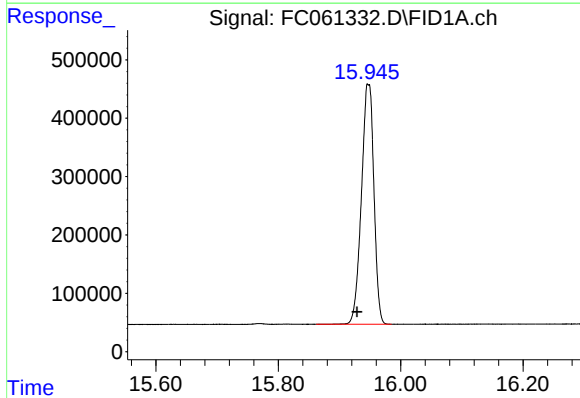
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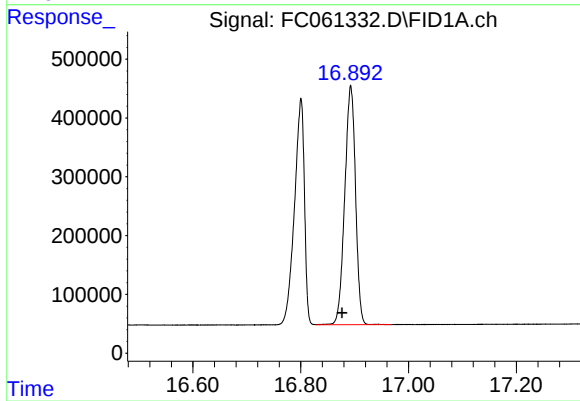
#14 n-Tetracosane (C24)

R.T.: 14.914 min
Delta R.T.: 0.005 min
Response: 11579181
Conc: 74.85 ug/ml



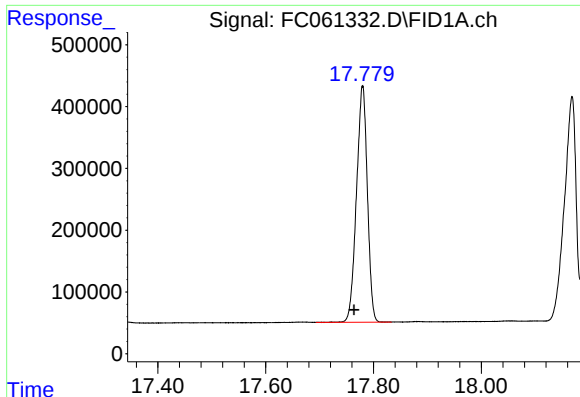
#15 n-Hexacosane (C26)

R.T.: 15.947 min
Delta R.T.: 0.018 min
Response: 5825710
Conc: 38.71 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.893 min
Delta R.T.: 0.016 min
Response: 5636753
Conc: 38.16 ug/ml



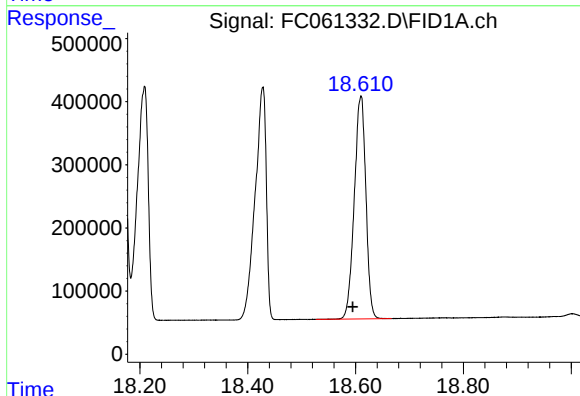
#17 n-Tricontane (C30)

R.T.: 17.780 min
Delta R.T.: 0.016 min
Response: 5355763
Conc: 38.78 ug/ml

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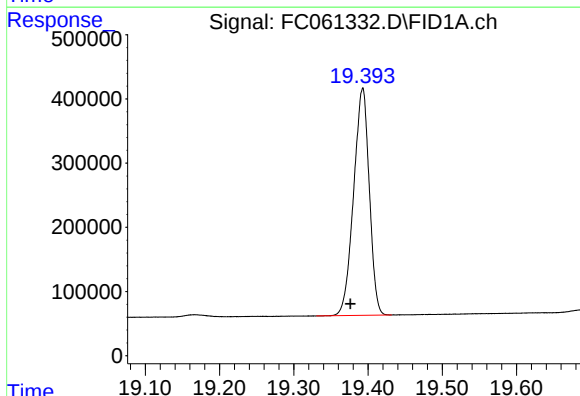
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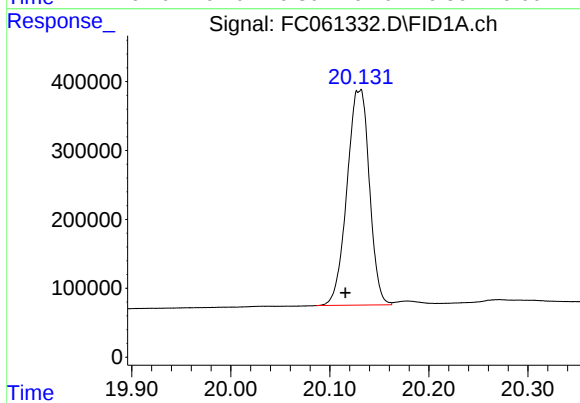
#18 n-Dotriacontane (C32)

R.T.: 18.610 min
Delta R.T.: 0.015 min
Response: 5258595
Conc: 47.91 ug/ml



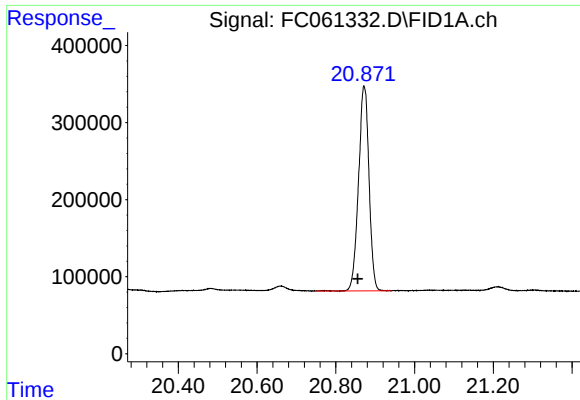
#19 n-Tetratriacontane (C34)

R.T.: 19.393 min
Delta R.T.: 0.016 min
Response: 5191352
Conc: 67.26 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.131 min
Delta R.T.: 0.016 min
Response: 4912306
Conc: 87.01 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.872 min
Delta R.T.: 0.016 min
Response: 4904967
Conc: 105.73 ug/ml

Instrument :

FID_C

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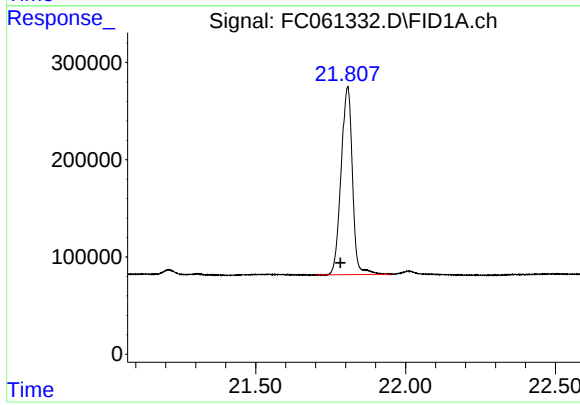
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#22 n-Tetracontane (C40)

R.T.: 21.807 min
Delta R.T.: 0.024 min
Response: 5094935
Conc: 121.47 ug/ml