

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F111323AL\
 Data File : FC065129.D
 Signal(s) : FID1A.ch
 Acq On : 13 Nov 2023 18:44
 Operator : YP/AJ
 Sample : 05379-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WC-9MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/14/2023
 Supervised By :Ankita Jodhani 11/14/2023

Integration File: autoint1.e
 Quant Time: Nov 13 23:18:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 2023
 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)	11.511	8287351	37.655 ug/ml
Spiked Amount 50.000		Recovery =	75.31%
12) S 1-chlorooctadecane (S...	12.942	6477751	40.977 ug/ml
Spiked Amount 50.000		Recovery =	81.95%
Target Compounds			
1) T n-Nonane (C9)	3.310	1248591	6.604 ug/ml
2) T n-Decane (C10)	4.369	1488977	7.831 ug/ml
3) T A~Naphthalene (C11.7)	5.951	2972650	15.396 ug/ml
4) T n-Dodecane (C12)	6.379	2917658	15.104 ug/ml
5) T A~2-methylnaphthalene...	7.003	4246657	23.109 ug/ml
6) T n-Tetradecane (C14)	8.168	5358178	28.397 ug/ml
7) T n-Hexadecane (C16)	9.763	7911112	41.852 ug/ml
8) T n-Octadecane (C18)	11.199	9446391	50.053 ug/ml
10) T n-Eicosane (C20)	12.503	9700112	53.955 ug/ml
11) T n-Heneicosane (C21)	13.111	9166222	52.208 ug/ml
13) T n-Docosane (C22)	13.694	8982662	52.294 ug/ml
14) T n-Tetracosane (C24)	14.785	17697718	106.257 ug/ml
15) T n-Hexacosane (C26)	15.809	8425366	52.492 ug/ml
16) T n-Octacosane (C28)	16.752	8207206	52.442 ug/ml
17) T n-Tricontane (C30)	17.637	8033799	50.721 ug/ml
18) T n-Dotriacontane (C32)	18.466	7918088	50.148 ug/ml
19) T n-Tetratriacontane (C34)	19.246	7653641	50.142 ug/ml
20) T n-Hexatriacontane (C36)	19.981	7275990	48.224 ug/mlm
21) T n-Octatriacontane (C38)	20.701	7136407	47.955 ug/ml
22) T n-Tetracontane (C40)	21.580	7008321	47.650 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 17 Sample Multiplier: 1

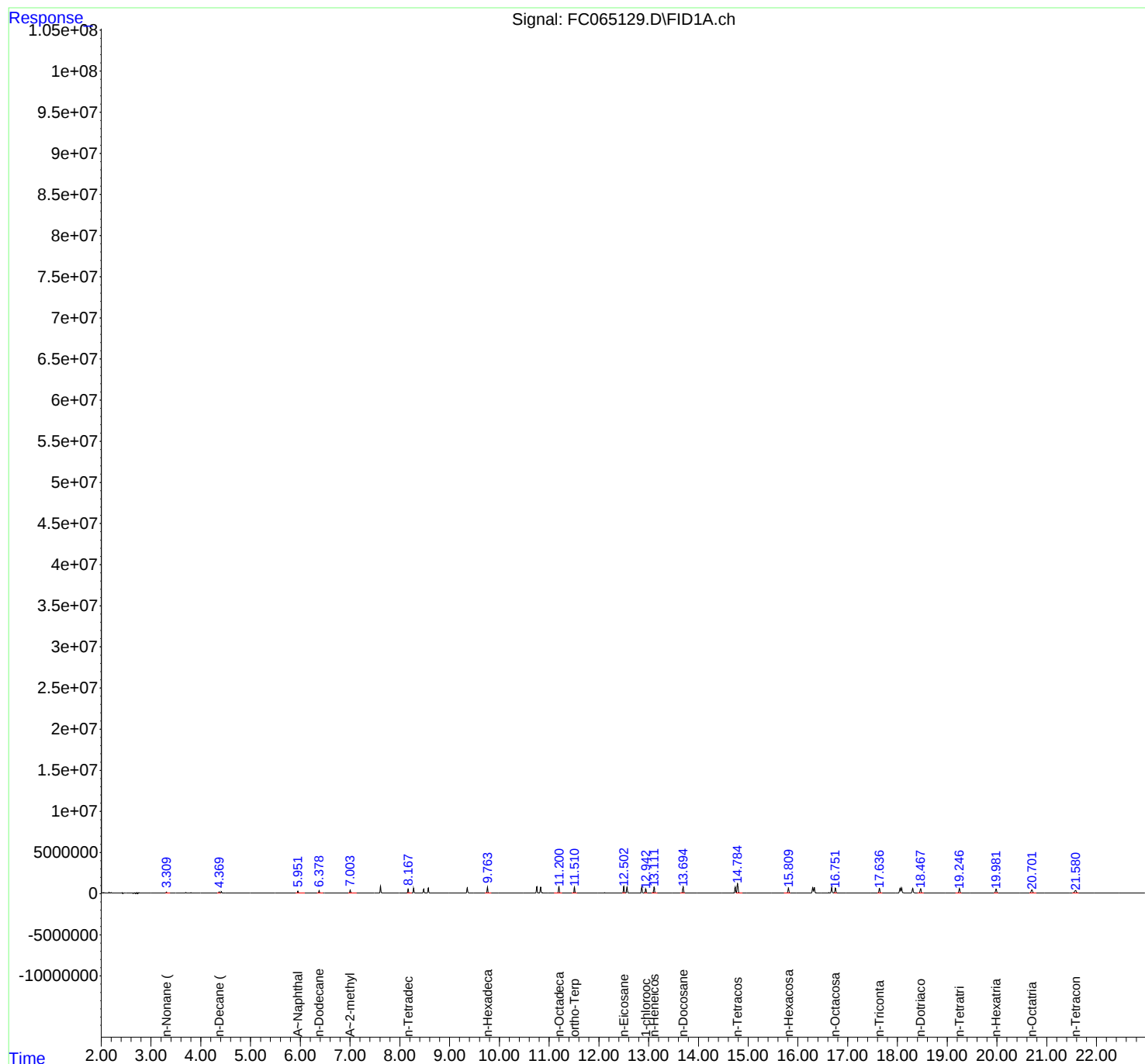
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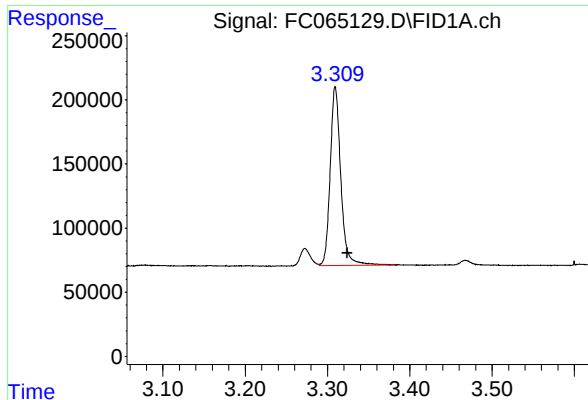
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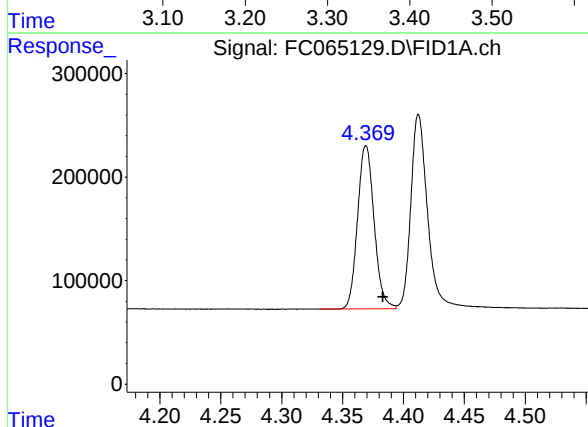
#1 n-Nonane (C9)

R.T.: 3.310 min
Delta R.T.: -0.014 min
Response: 1248591
Conc: 6.60 ug/ml

Instrument :
FID_C
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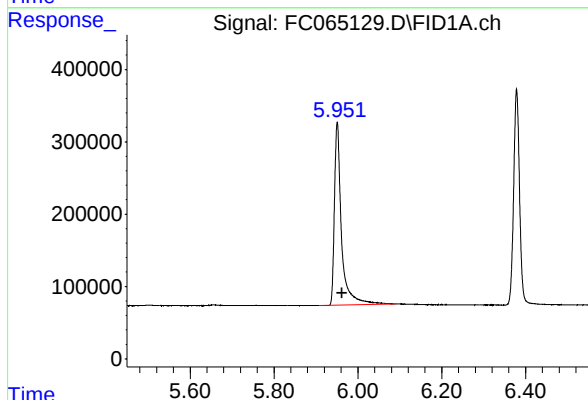
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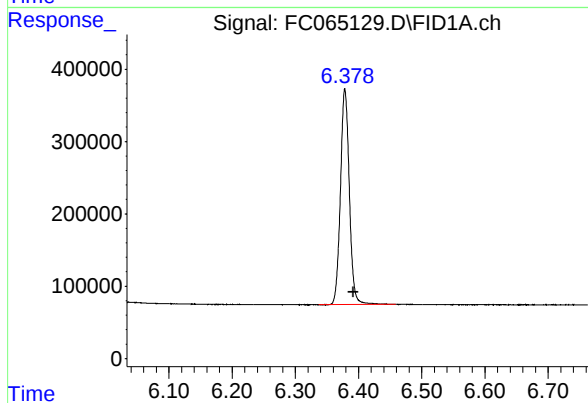
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: -0.014 min
Response: 1488977
Conc: 7.83 ug/ml



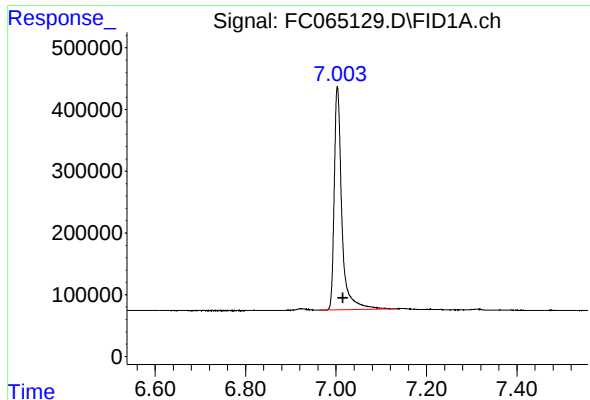
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: -0.012 min
Response: 2972650
Conc: 15.40 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.379 min
Delta R.T.: -0.013 min
Response: 2917658
Conc: 15.10 ug/ml



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

R.T.: 7.003 min
Delta R.T.: -0.012 min
Response: 4246657
Conc: 23.11 ug/ml

Instrument :

FID_C

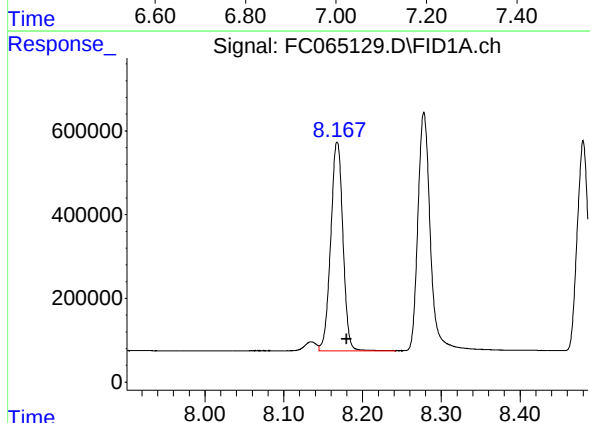
ClientSampleId :

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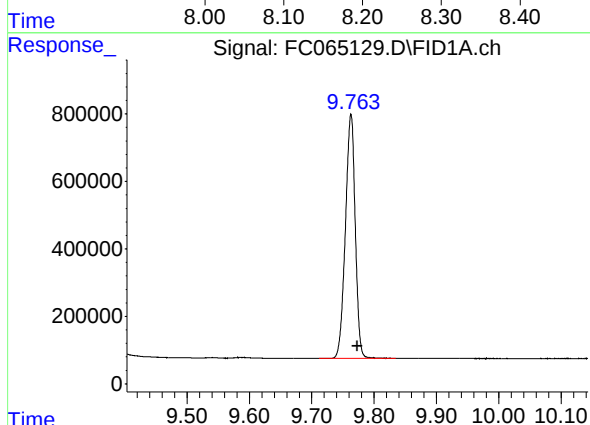
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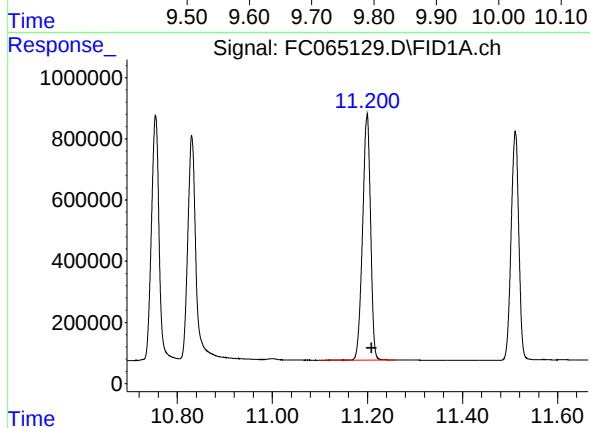
#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: -0.012 min
Response: 5358178
Conc: 28.40 ug/ml



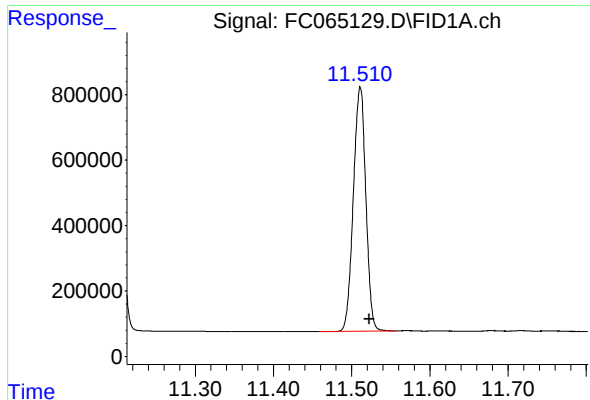
#7 n-Hexadecane (C16)

R.T.: 9.763 min
Delta R.T.: -0.010 min
Response: 7911112
Conc: 41.85 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.199 min
Delta R.T.: -0.009 min
Response: 9446391
Conc: 50.05 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.511 min
Delta R.T.: -0.012 min
Response: 8287351
Conc: 37.66 ug/ml

Instrument :

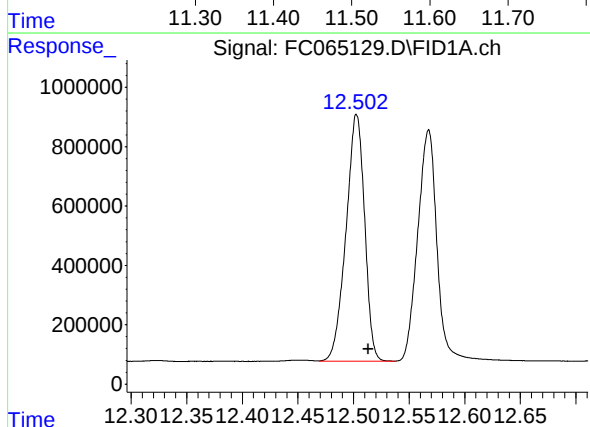
FID_C

ClientSampleId :

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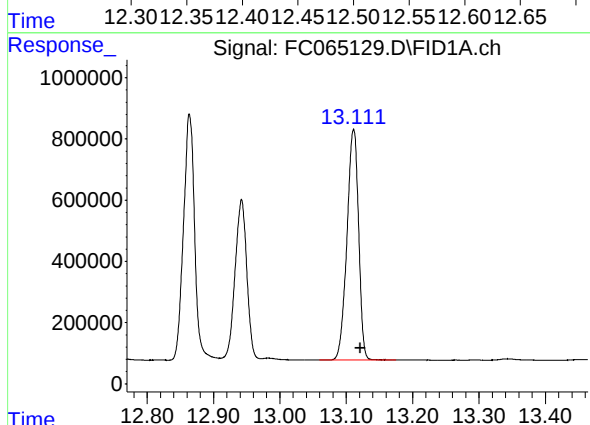
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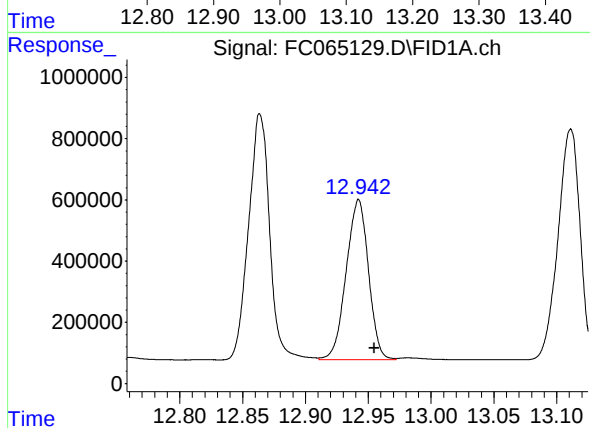
#10 n-Eicosane (C20)

R.T.: 12.503 min
Delta R.T.: -0.011 min
Response: 9700112
Conc: 53.96 ug/ml



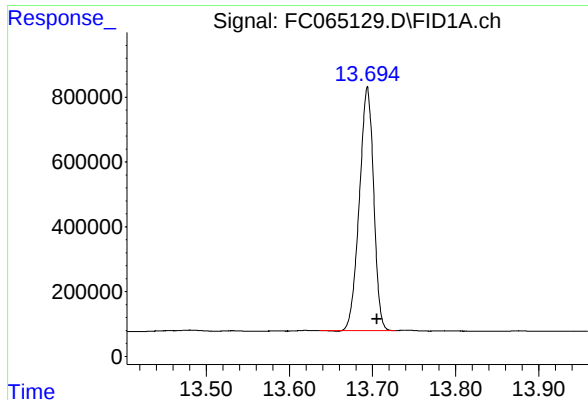
#11 n-Heneicosane (C21)

R.T.: 13.111 min
Delta R.T.: -0.010 min
Response: 9166222
Conc: 52.21 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.942 min
Delta R.T.: -0.013 min
Response: 6477751
Conc: 40.98 ug/ml



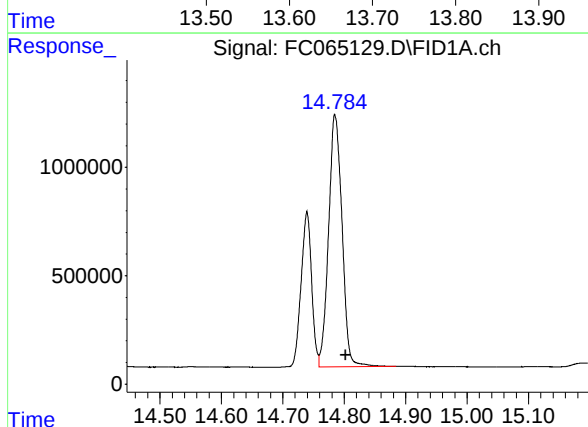
#13 n-Docosane (C22)

R.T.: 13.694 min
Delta R.T.: -0.012 min
Response: 8982662
Conc: 52.29 ug/ml

Instrument :
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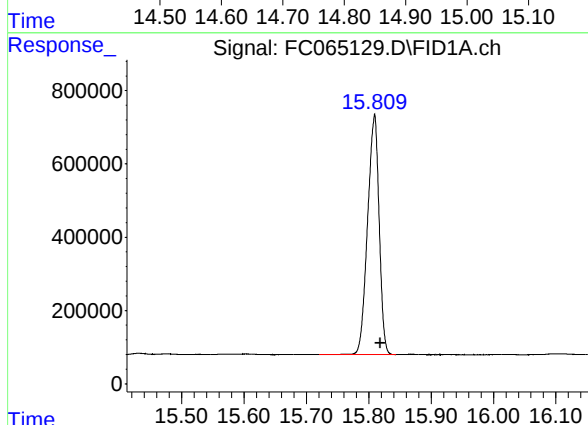
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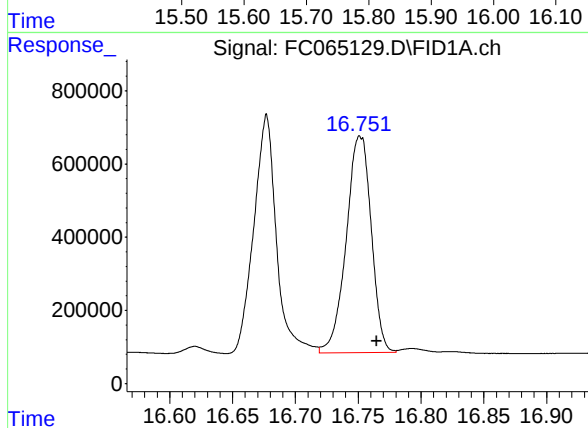
#14 n-Tetracosane (C24)

R.T.: 14.785 min
Delta R.T.: -0.017 min
Response: 17697718
Conc: 106.26 ug/ml



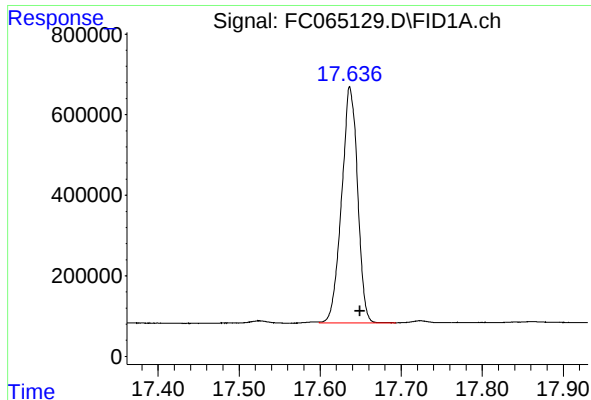
#15 n-Hexacosane (C26)

R.T.: 15.809 min
Delta R.T.: -0.009 min
Response: 8425366
Conc: 52.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.752 min
Delta R.T.: -0.013 min
Response: 8207206
Conc: 52.44 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.637 min
Delta R.T.: -0.013 min
Response: 8033799
Conc: 50.72 ug/ml

Instrument :

FID_C

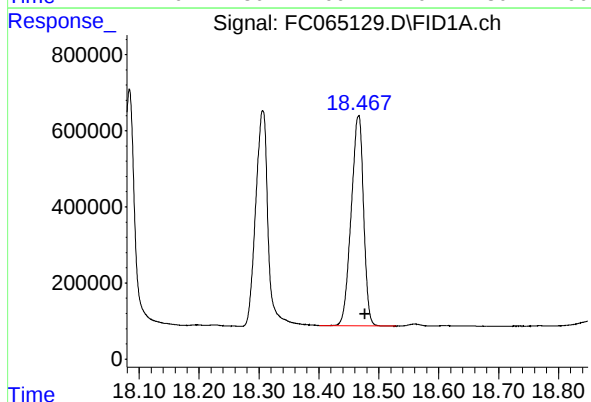
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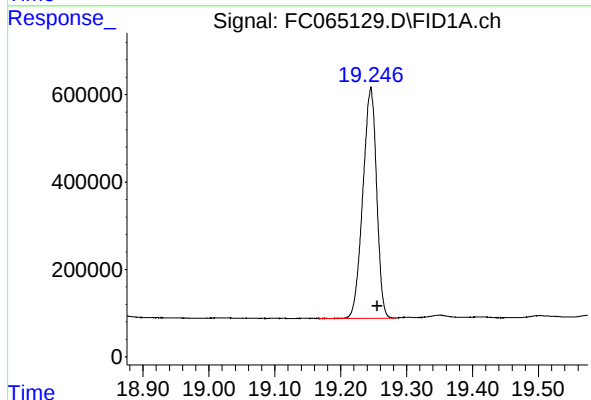
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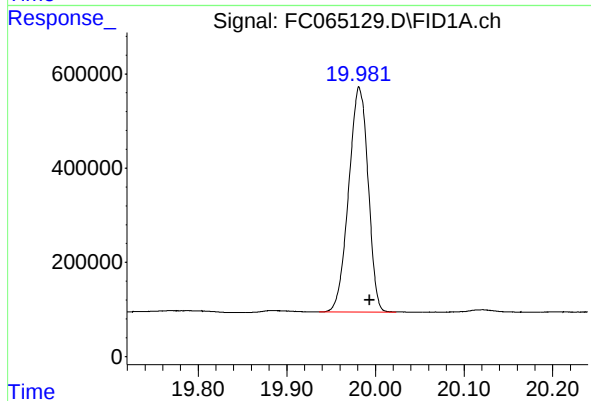
#18 n-Dotriacontane (C32)

R.T.: 18.466 min
Delta R.T.: -0.010 min
Response: 7918088
Conc: 50.15 ug/ml



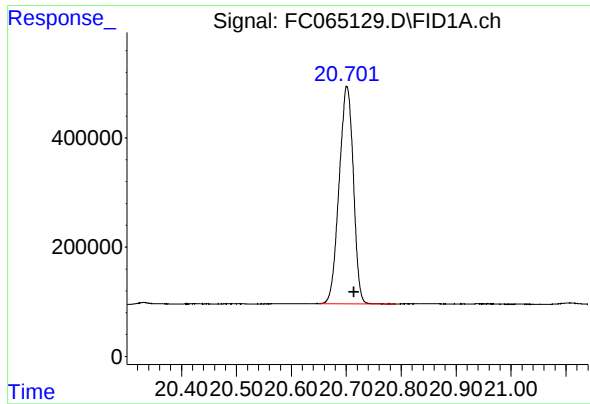
#19 n-Tetratriacontane (C34)

R.T.: 19.246 min
Delta R.T.: -0.010 min
Response: 7653641
Conc: 50.14 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.981 min
Delta R.T.: -0.013 min
Response: 7275990
Conc: 48.22 ug/ml m



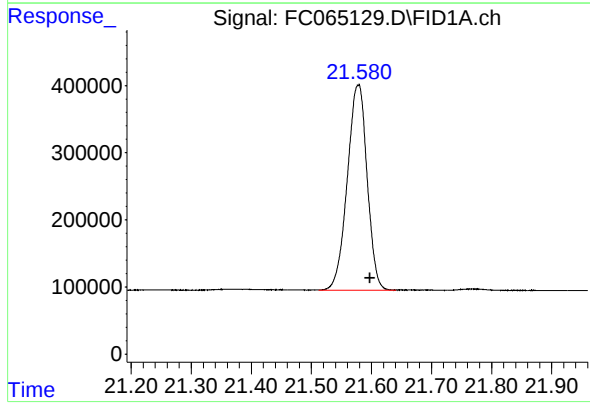
#21 n-Octatriacontane (C38)

R.T.: 20.701 min
Delta R.T.: -0.013 min
Response: 7136407
Conc: 47.95 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.580 min
Delta R.T.: -0.018 min
Response: 7008321
Conc: 47.65 ug/ml m