

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090123AL\
 Data File : FC064482.D
 Signal(s) : FID1A.ch
 Acq On : 01 Sep 2023 20:26
 Operator : YP/AJ
 Sample : 04249-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SU-02-083023MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/05/2023
 Supervised By :Ankita Jodhani 09/05/2023

Integration File: autoint1.e
 Quant Time: Sep 02 03:08:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:31:35 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)	11.513	6174027	29.081 ug/ml
Spiked Amount 50.000		Recovery =	58.16%
12) S 1-chlorooctadecane (S...	12.947	5073448	33.275 ug/ml
Spiked Amount 50.000		Recovery =	66.55%
Target Compounds			
1) T n-Nonane (C9)	3.308	4806661	27.234 ug/ml
2) T n-Decane (C10)	4.368	5503865	31.375 ug/ml
3) T A~Naphthalene (C11.7)	5.944	6044482	32.506 ug/ml
4) T n-Dodecane (C12)	6.376	6072163	34.067 ug/ml
5) T A~2-methylnaphthalene...	6.998	6229905	35.021 ug/ml
6) T n-Tetradecane (C14)	8.167	6454864	37.000 ug/ml
7) T n-Hexadecane (C16)	9.762	6742363	39.015 ug/ml
8) T n-Octadecane (C18)	11.200	6791152	38.790 ug/ml
10) T n-Eicosane (C20)	12.506	6923286	40.927 ug/ml
11) T n-Heneicosane (C21)	13.116	6611574	39.613 ug/ml
13) T n-Docosane (C22)	13.699	6708154	41.126 ug/ml
14) T n-Tetracosane (C24)	14.787	12383532	77.762 ug/ml
15) T n-Hexacosane (C26)	15.819	6302332	40.792 ug/ml
16) T n-Octacosane (C28)	16.766	6657485	44.968 ug/ml
17) T n-Tricontane (C30)	17.650	6538839	44.766 ug/ml
18) T n-Dotriacontane (C32)	18.479	6347357	44.935 ug/ml
19) T n-Tetratriacontane (C34)	19.262	6055439	45.320 ug/ml
20) T n-Hexatriacontane (C36)	20.000	5431531	42.447 ug/ml
21) T n-Octatriacontane (C38)	20.722	5515945	44.919 ug/mlm
22) T n-Tetracontane (C40)	21.609	5956132	51.288 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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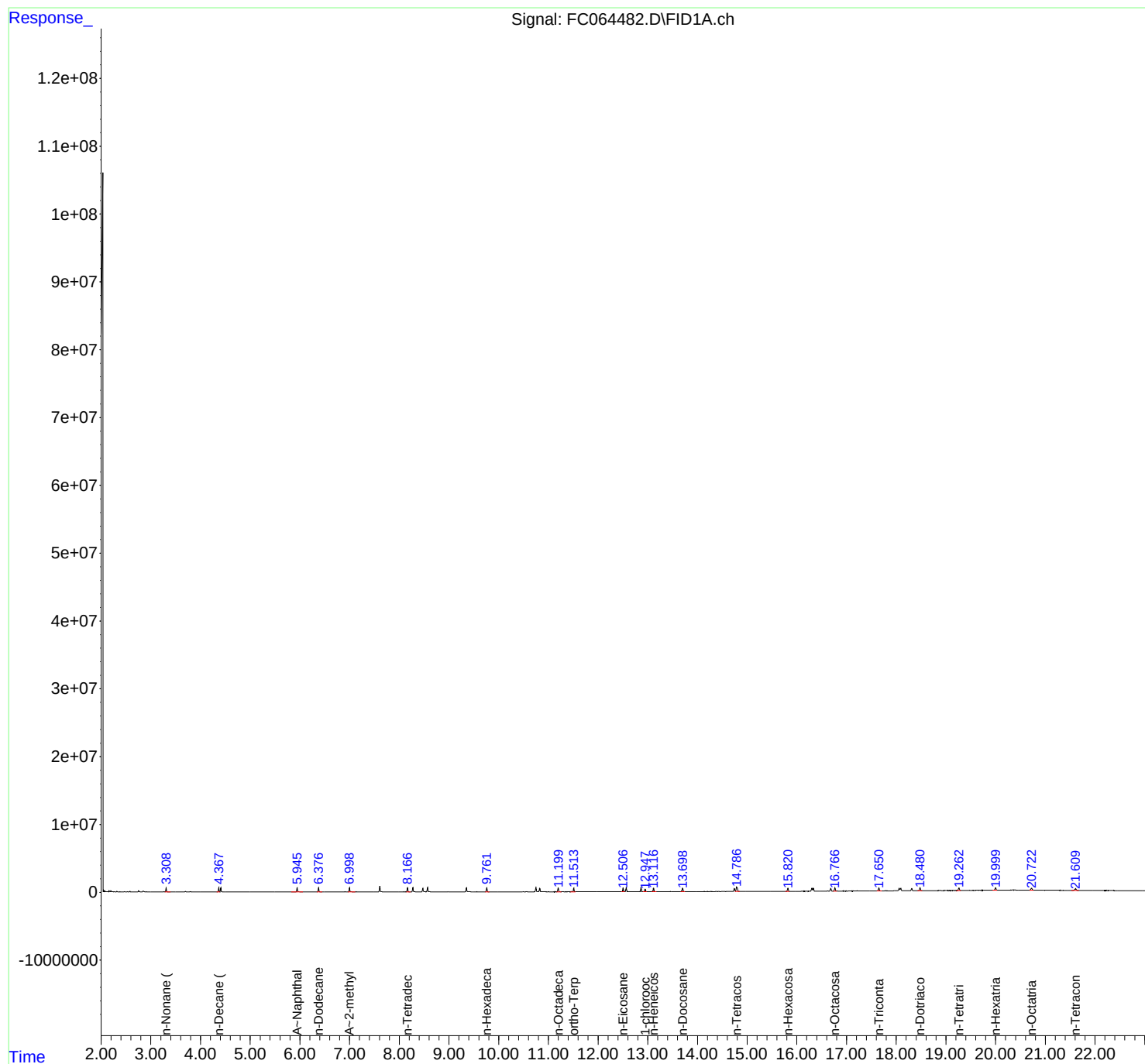
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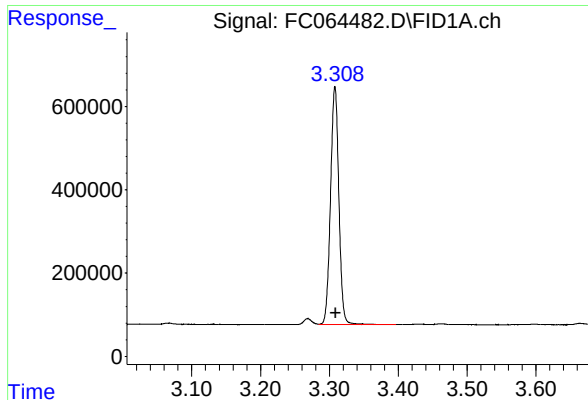
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#1 n-Nonane (C9)

R.T.: 3.308 min
Delta R.T.: 0.000 min
Response: 4806661
Conc: 27.23 ug/ml

Instrument :

FID_C

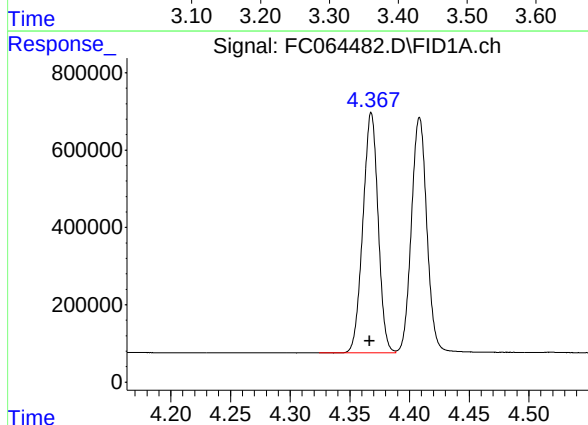
ClientSampleId :

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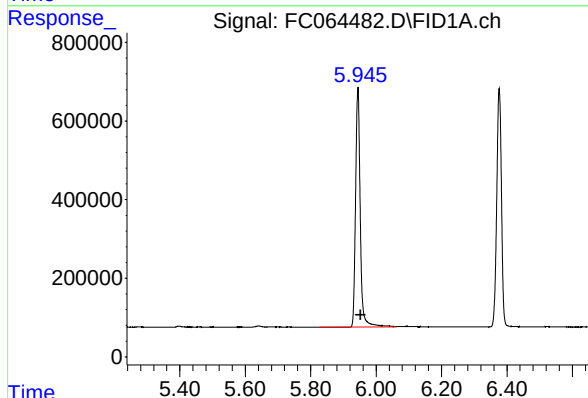
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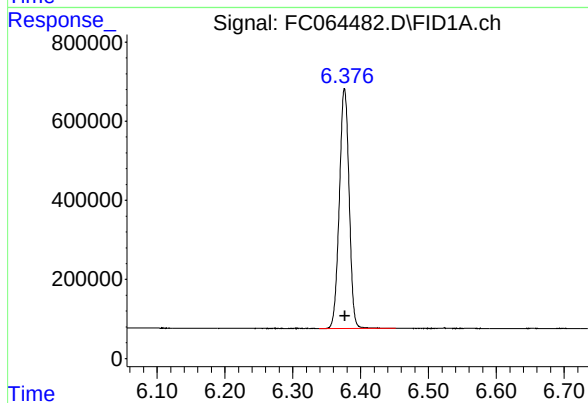
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: 0.001 min
Response: 5503865
Conc: 31.38 ug/ml



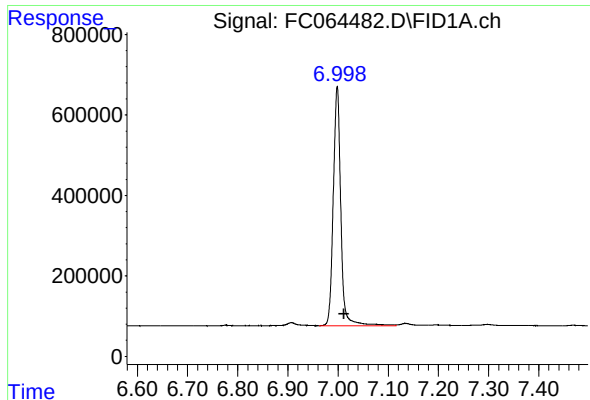
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: -0.008 min
Response: 6044482
Conc: 32.51 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 6072163
Conc: 34.07 ug/ml



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

R.T.: 6.998 min
Delta R.T.: -0.013 min
Response: 6229905
Conc: 35.02 ug/ml

Instrument :

FID_C

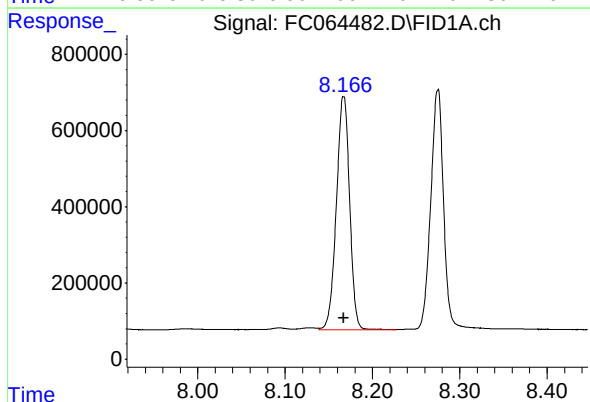
ClientSampleId :

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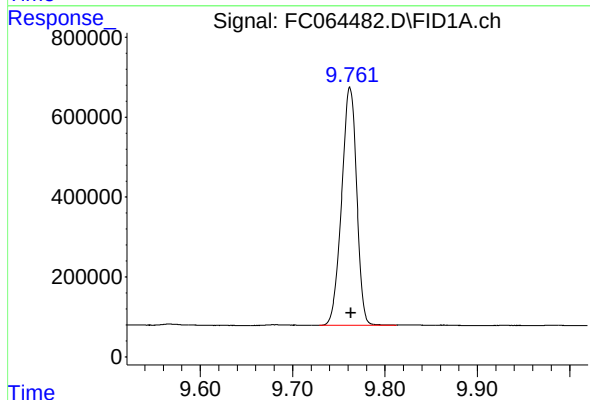
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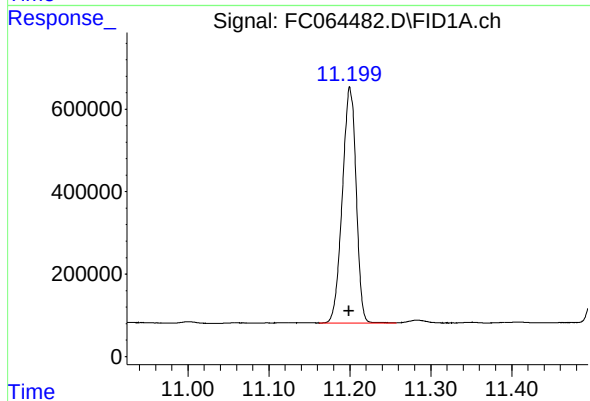
#6 n-Tetradecane (C14)

R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 6454864
Conc: 37.00 ug/ml



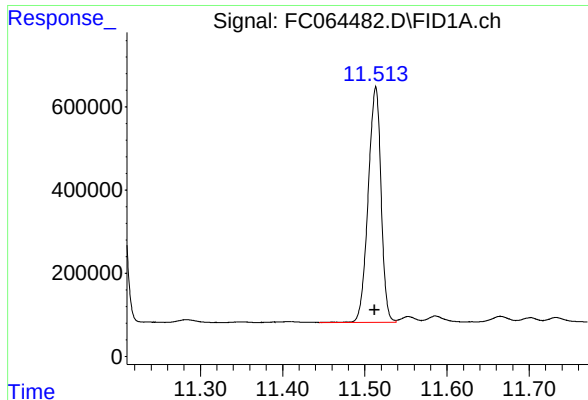
#7 n-Hexadecane (C16)

R.T.: 9.762 min
Delta R.T.: -0.001 min
Response: 6742363
Conc: 39.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.200 min
Delta R.T.: 0.002 min
Response: 6791152
Conc: 38.79 ug/ml



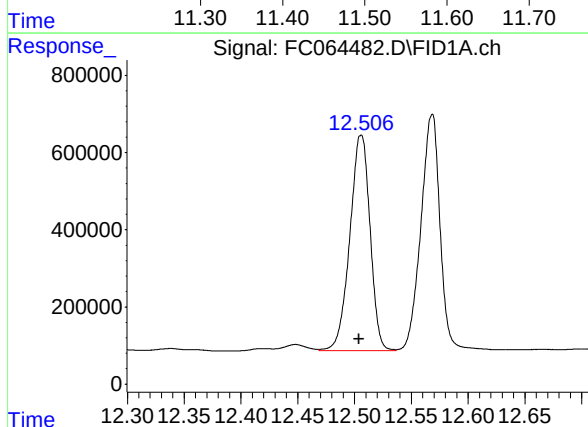
#9 ortho-Terphenyl (SURR)

R.T.: 11.513 min
Delta R.T.: 0.001 min
Response: 6174027
Conc: 29.08 ug/ml

Instrument :
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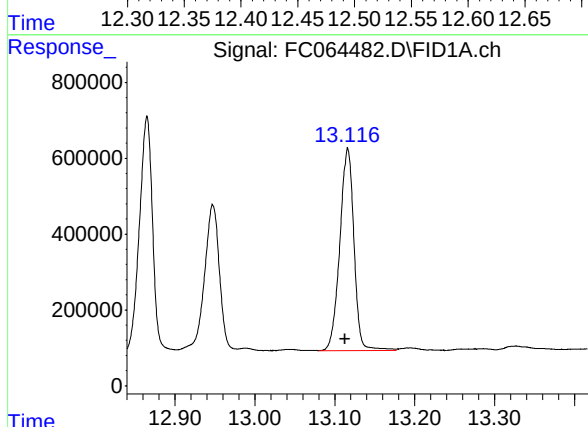
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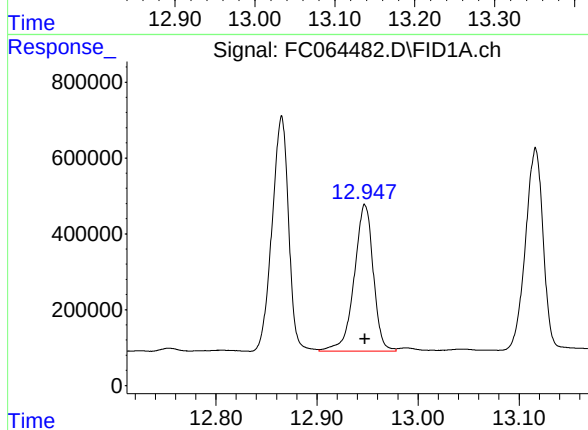
#10 n-Eicosane (C20)

R.T.: 12.506 min
Delta R.T.: 0.002 min
Response: 6923286
Conc: 40.93 ug/ml



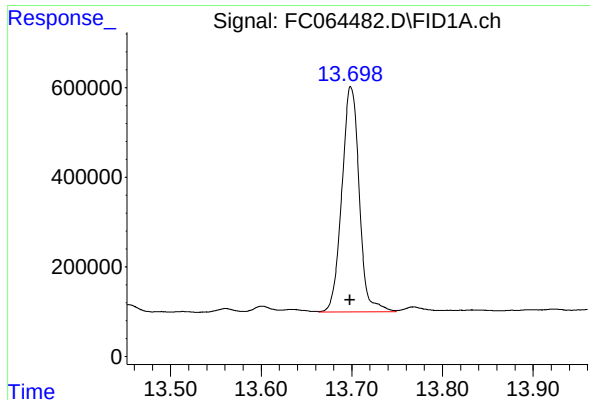
#11 n-Heneicosane (C21)

R.T.: 13.116 min
Delta R.T.: 0.003 min
Response: 6611574
Conc: 39.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.947 min
Delta R.T.: 0.000 min
Response: 5073448
Conc: 33.27 ug/ml



#13 n-Docosane (C22)

R.T.: 13.699 min
Delta R.T.: 0.000 min
Response: 6708154
Conc: 41.13 ug/ml

Instrument :

FID_C

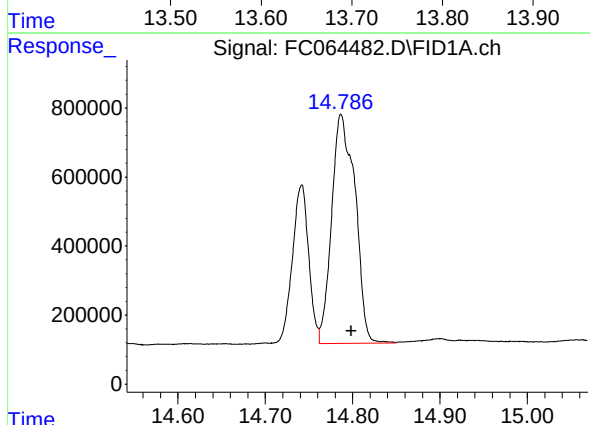
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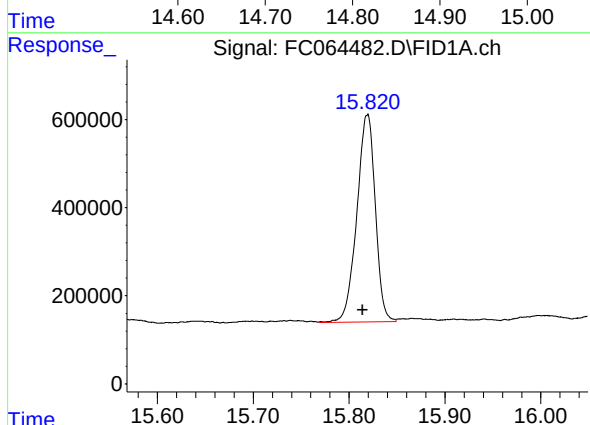
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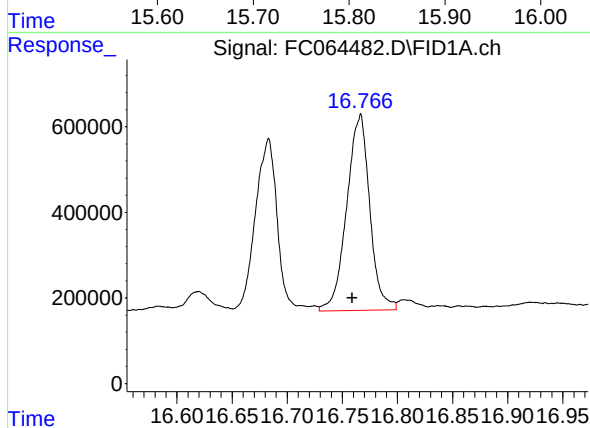
#14 n-Tetracosane (C24)

R.T.: 14.787 min
Delta R.T.: -0.012 min
Response: 12383532
Conc: 77.76 ug/ml



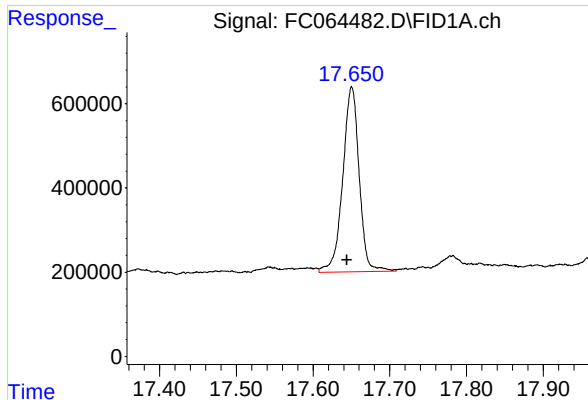
#15 n-Hexacosane (C26)

R.T.: 15.819 min
Delta R.T.: 0.005 min
Response: 6302332
Conc: 40.79 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.766 min
Delta R.T.: 0.007 min
Response: 6657485
Conc: 44.97 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.650 min
Delta R.T.: 0.006 min
Response: 6538839
Conc: 44.77 ug/ml

Instrument :

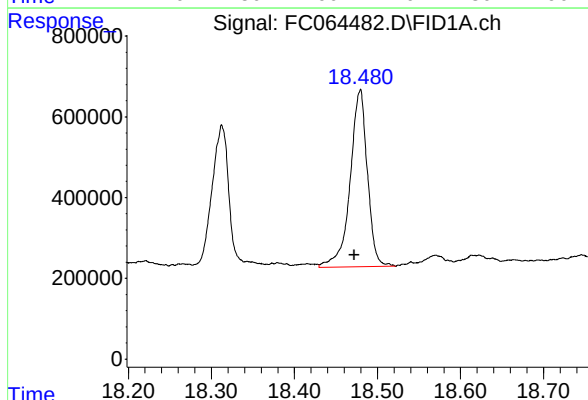
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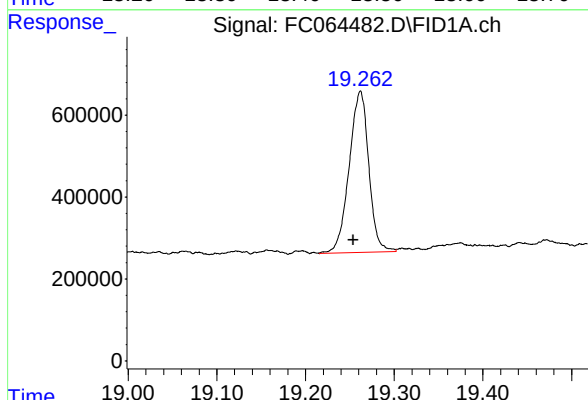
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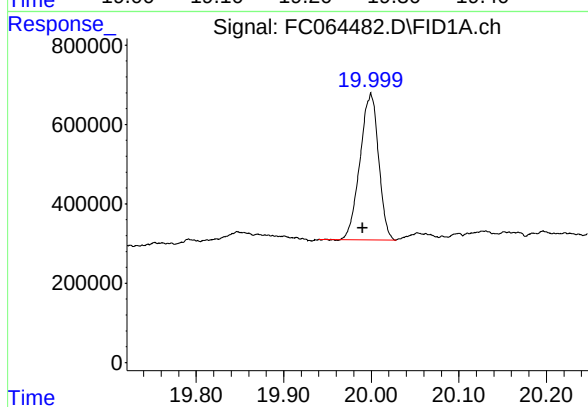
#18 n-Dotriacontane (C32)

R.T.: 18.479 min
Delta R.T.: 0.007 min
Response: 6347357
Conc: 44.94 ug/ml



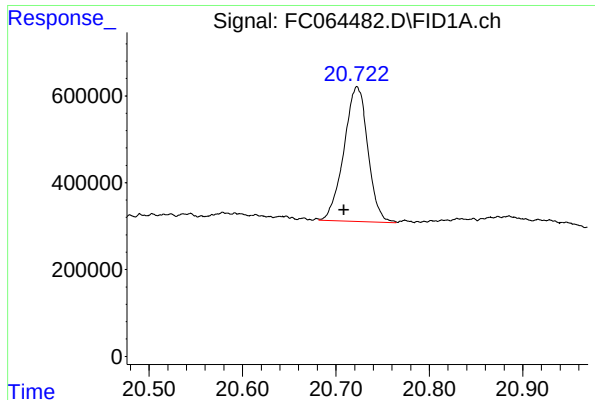
#19 n-Tetratriacontane (C34)

R.T.: 19.262 min
Delta R.T.: 0.008 min
Response: 6055439
Conc: 45.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.000 min
Delta R.T.: 0.009 min
Response: 5431531
Conc: 42.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.722 min
Delta R.T.: 0.013 min
Response: 5515945
Conc: 44.92 ug/ml

Instrument :

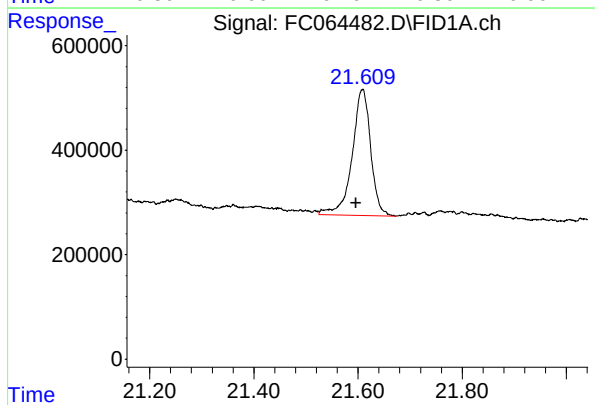
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#22 n-Tetracontane (C40)

R.T.: 21.609 min
Delta R.T.: 0.013 min
Response: 5956132
Conc: 51.29 ug/ml