

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081722AL\
 Data File : FC061179.D
 Signal(s) : FID1A.ch
 Acq On : 18 Aug 2022 01:12
 Operator : YP/AJ
 Sample : N4224-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP1-0816MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/18/2022
 Supervised By :Ankita Jodhani 08/18/2022

Integration File: autoint1.e
 Quant Time: Aug 18 02:04:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 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)	10.633	4487920	27.347 ug/ml
Spiked Amount 50.000		Recovery =	54.69%
12) S 1-chlorooctadecane (S...	11.995	4792893	36.103 ug/ml
Spiked Amount 50.000		Recovery =	72.21%
Target Compounds			
1) T n-Nonane (C9)	2.638	4147694	29.450 ug/ml
2) T n-Decane (C10)	3.627	4350309	30.839 ug/ml
3) T A~Naphthalene (C11.7)	5.168	5963049	41.950 ug/ml
4) T n-Dodecane (C12)	5.570	5662433	38.204 ug/ml
5) T A~2-methylnaphthalene...	6.190	6183492	45.085 ug/ml
6) T n-Tetradecane (C14)	7.318	6068802	40.423 ug/ml
7) T n-Hexadecane (C16)	8.877	6527406	42.653 ug/ml
8) T n-Octadecane (C18)	10.283	6969589	44.633 ug/ml
10) T n-Eicosane (C20)	11.560	6671662	42.513 ug/ml
11) T n-Heneicosane (C21)	12.156	6622647	42.326 ug/ml
13) T n-Docosane (C22)	12.728	6380370	40.922 ug/ml
14) T n-Tetracosane (C24)	13.799	11487552	75.245 ug/ml
15) T n-Hexacosane (C26)	14.801	5837941	39.110 ug/ml
16) T n-Octacosane (C28)	15.723	10847278	75.700 ug/ml
17) T n-Tricontane (C30)	16.589	5491569	39.225 ug/ml
18) T n-Dotriacontane (C32)	17.401	6623894	49.080 ug/ml
19) T n-Tetratriacontane (C34)	18.164	5346964	42.633 ug/ml
20) T n-Hexatriacontane (C36)	18.885	5165105	42.256 ug/ml
21) T n-Octatriacontane (C38)	19.566	5208573	44.131 ug/ml
22) T n-Tetracontane (C40)	20.213	4992194	43.374 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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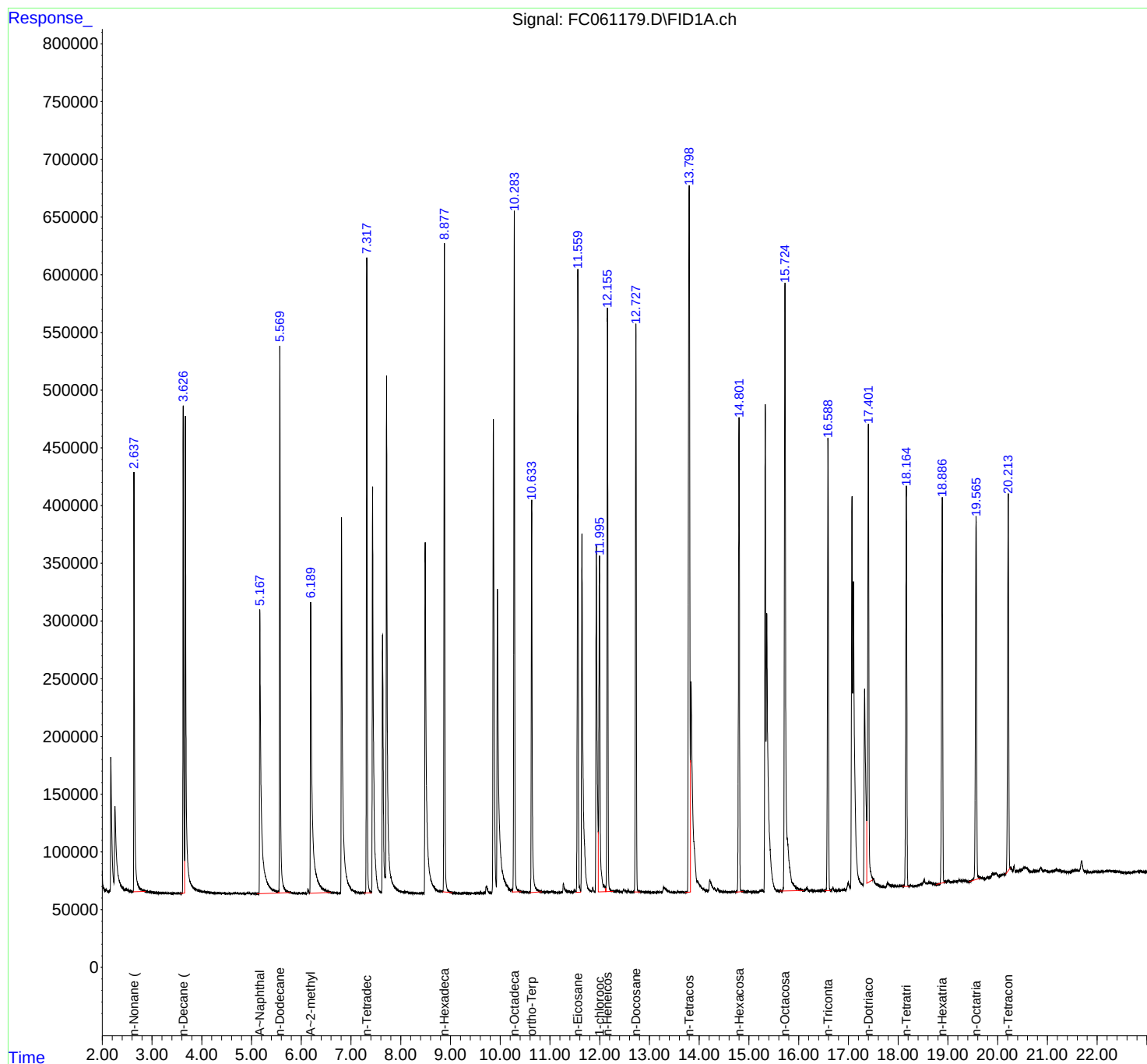
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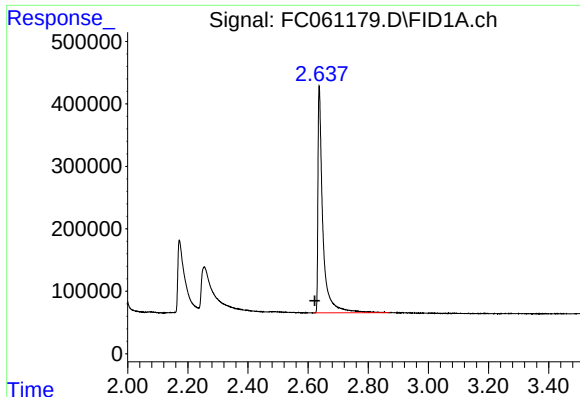
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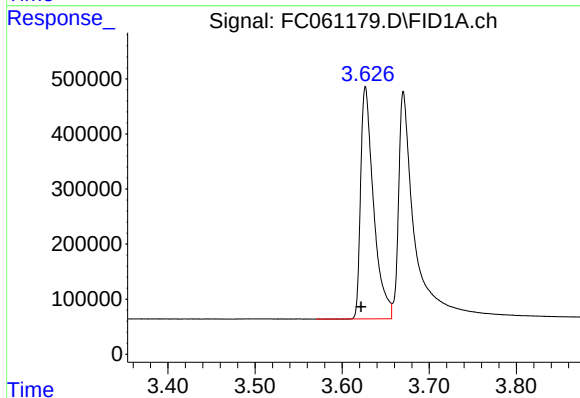
#1 n-Nonane (C9)

R.T.: 2.638 min
Delta R.T.: 0.016 min
Response: 4147694
Conc: 29.45 ug/ml

Instrument :
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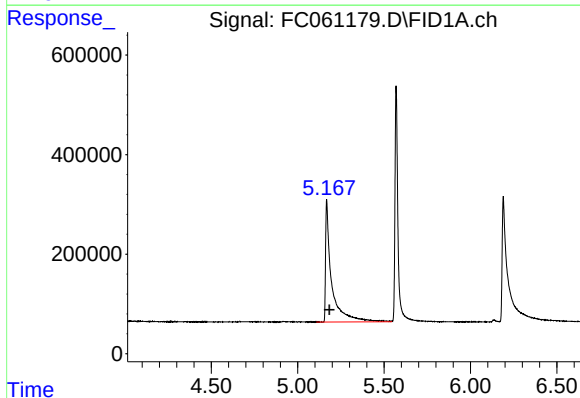
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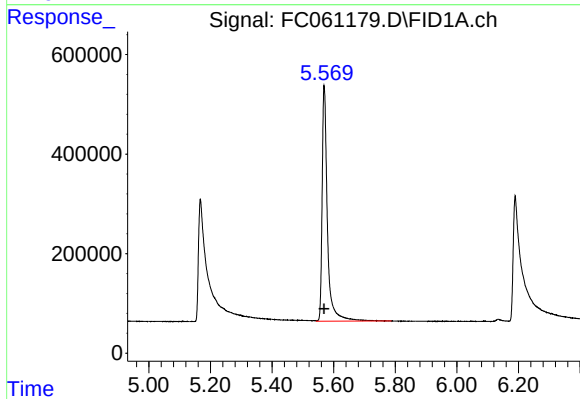
#2 n-Decane (C10)

R.T.: 3.627 min
Delta R.T.: 0.006 min
Response: 4350309
Conc: 30.84 ug/ml



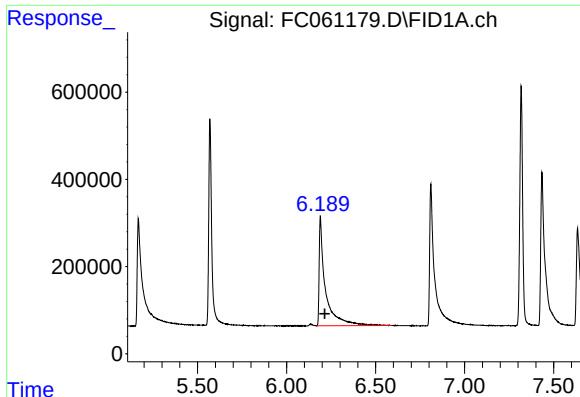
#3 A~Naphthalene (C11.7)

R.T.: 5.168 min
Delta R.T.: -0.016 min
Response: 5963049
Conc: 41.95 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 5662433
Conc: 38.20 ug/ml



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

R.T.: 6.190 min
Delta R.T.: -0.024 min
Response: 6183492
Conc: 45.09 ug/ml

Instrument :

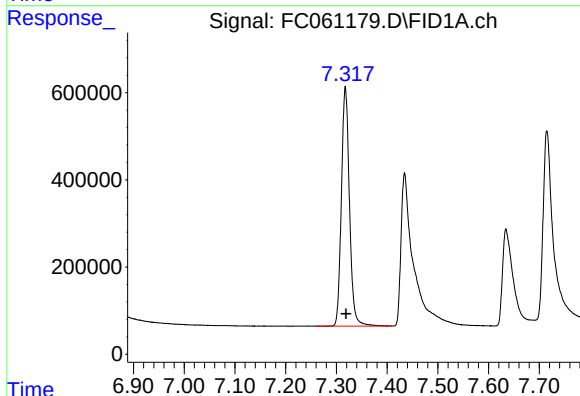
FID_C

ClientSampleId :

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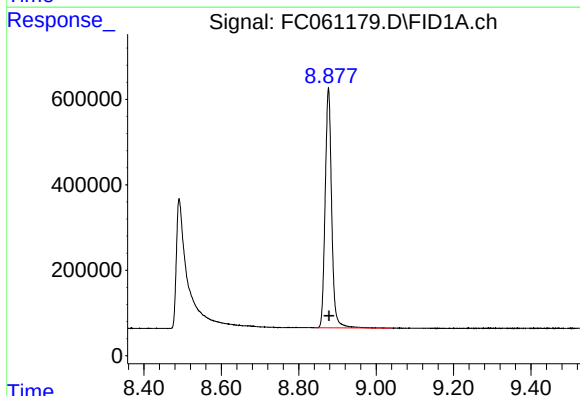
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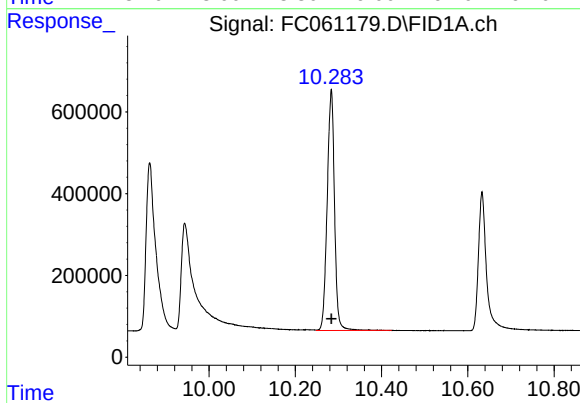
#6 n-Tetradecane (C14)

R.T.: 7.318 min
Delta R.T.: -0.001 min
Response: 6068802
Conc: 40.42 ug/ml



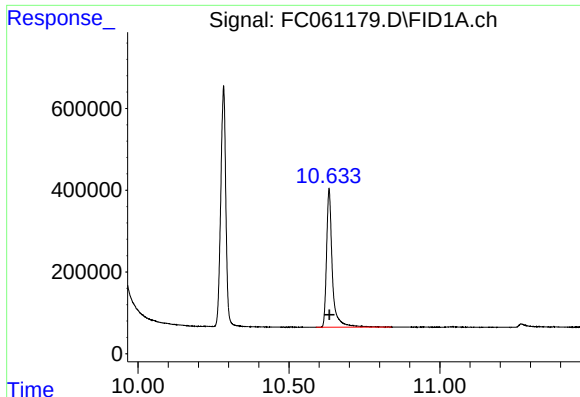
#7 n-Hexadecane (C16)

R.T.: 8.877 min
Delta R.T.: -0.002 min
Response: 6527406
Conc: 42.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.283 min
Delta R.T.: 0.000 min
Response: 6969589
Conc: 44.63 ug/ml



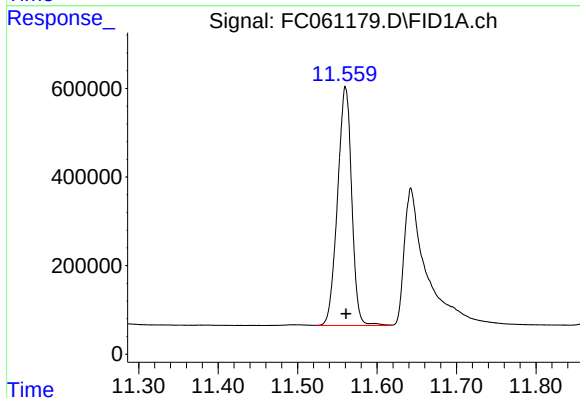
#9 ortho-Terphenyl (SURR)

R.T.: 10.633 min
Delta R.T.: -0.002 min
Response: 4487920
Conc: 27.35 ug/ml

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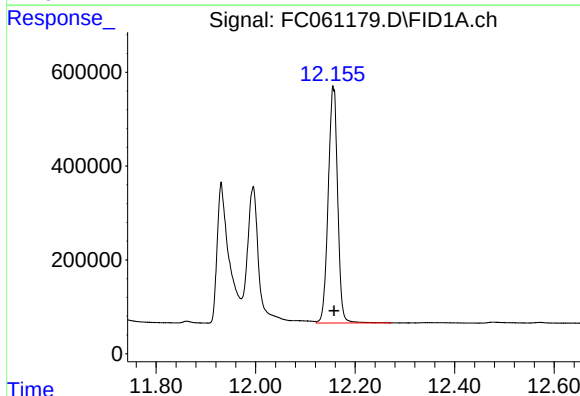
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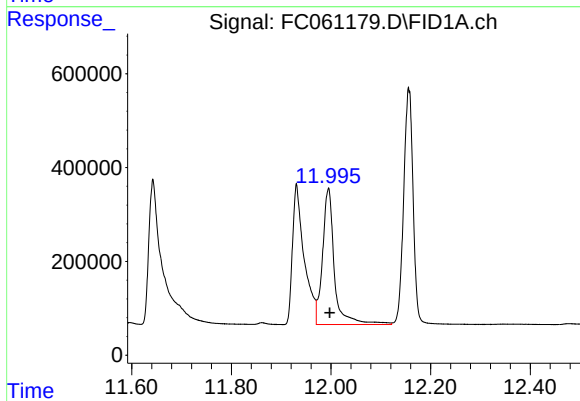
#10 n-Eicosane (C20)

R.T.: 11.560 min
Delta R.T.: 0.000 min
Response: 6671662
Conc: 42.51 ug/ml



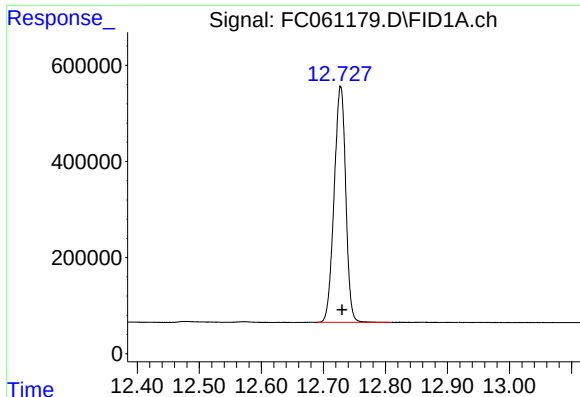
#11 n-Heneicosane (C21)

R.T.: 12.156 min
Delta R.T.: -0.002 min
Response: 6622647
Conc: 42.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.995 min
Delta R.T.: -0.003 min
Response: 4792893
Conc: 36.10 ug/ml



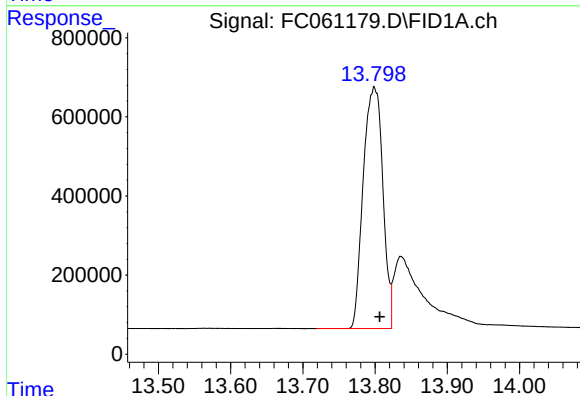
#13 n-Docosane (C22)

R.T.: 12.728 min
Delta R.T.: -0.002 min
Response: 6380370
Conc: 40.92 ug/ml

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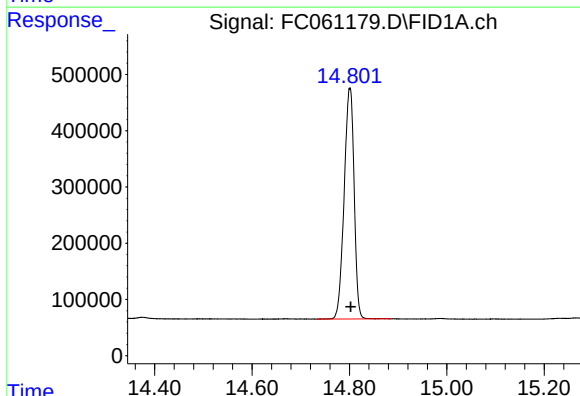
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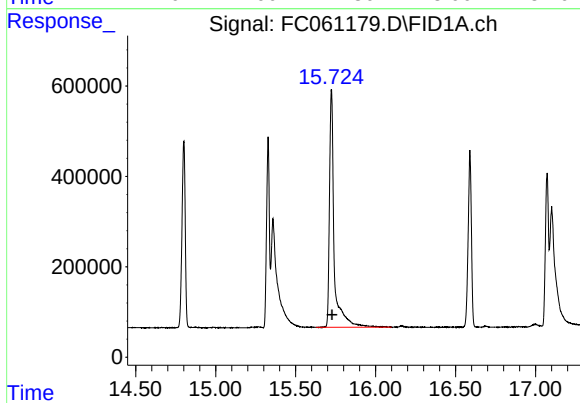
#14 n-Tetracosane (C24)

R.T.: 13.799 min
Delta R.T.: -0.008 min
Response: 11487552
Conc: 75.24 ug/ml



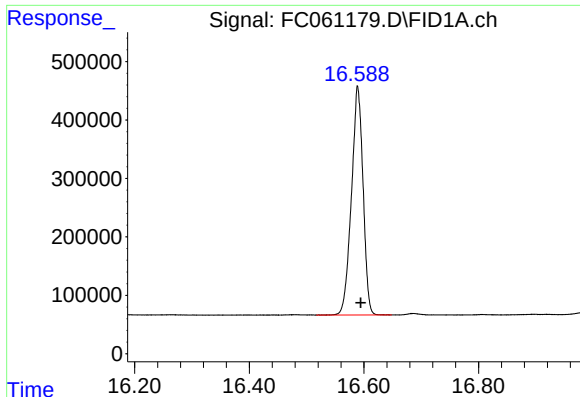
#15 n-Hexacosane (C26)

R.T.: 14.801 min
Delta R.T.: -0.002 min
Response: 5837941
Conc: 39.11 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.723 min
Delta R.T.: -0.005 min
Response: 10847278
Conc: 75.70 ug/ml



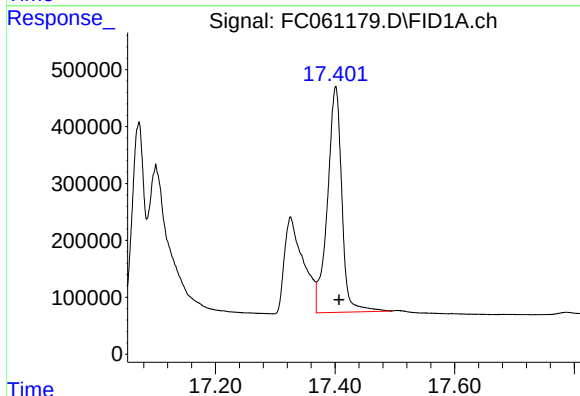
#17 n-Tricontane (C30)

R.T.: 16.589 min
Delta R.T.: -0.005 min
Response: 5491569
Conc: 39.22 ug/ml

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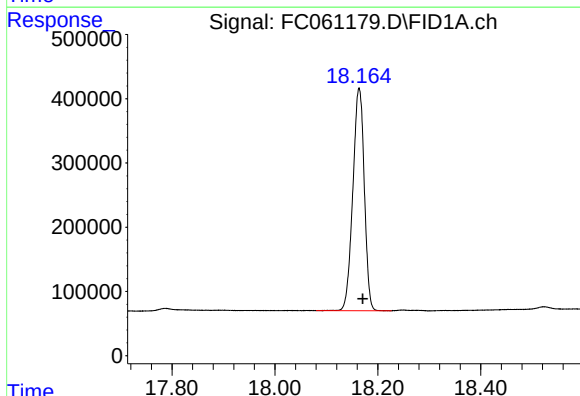
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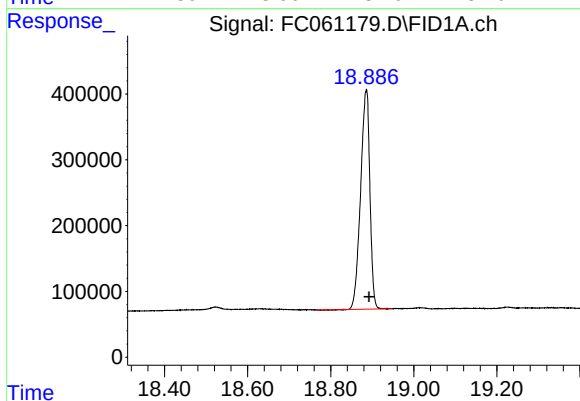
#18 n-Dotriacontane (C32)

R.T.: 17.401 min
Delta R.T.: -0.006 min
Response: 6623894
Conc: 49.08 ug/ml



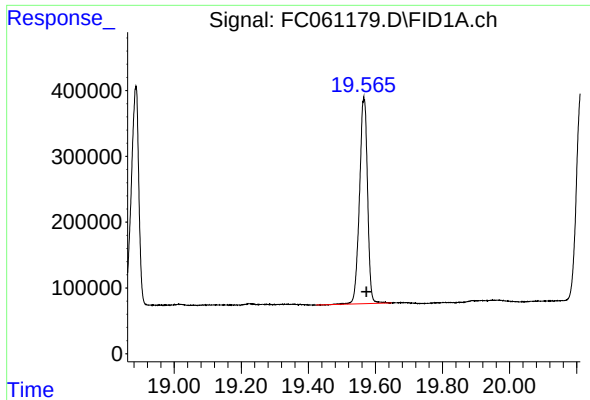
#19 n-Tetratriacontane (C34)

R.T.: 18.164 min
Delta R.T.: -0.007 min
Response: 5346964
Conc: 42.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.885 min
Delta R.T.: -0.007 min
Response: 5165105
Conc: 42.26 ug/ml



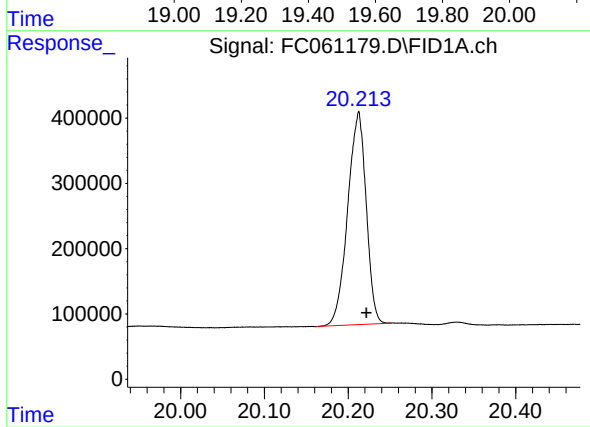
#21 n-Octatriacontane (C38)

R.T.: 19.566 min
Delta R.T.: -0.008 min
Response: 5208573
Conc: 44.13 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.213 min
Delta R.T.: -0.009 min
Response: 4992194
Conc: 43.37 ug/ml m