

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081622AL\
 Data File : FC061148.D
 Signal(s) : FID1A.ch
 Acq On : 16 Aug 2022 20:57
 Operator : YP/AJ
 Sample : PB147053BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB147053BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/17/2022
 Supervised By :Ankita Jodhani 08/17/2022

Integration File: autoint1.e
 Quant Time: Aug 17 05:10:10 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)	10.634	7040792	42.903 ug/ml
Spiked Amount 50.000		Recovery =	85.81%
12) S 1-chlorooctadecane (S...	11.996	6747694	50.828 ug/ml
Spiked Amount 50.000		Recovery =	101.66%
Target Compounds			
1) T n-Nonane (C9)	2.644	5135672	36.465 ug/ml
2) T n-Decane (C10)	3.630	4898458	34.725 ug/ml
3) T A~Naphthalene (C11.7)	5.167	6316492	44.437 ug/ml
4) T n-Dodecane (C12)	5.570	5934273	40.038 ug/ml
5) T A~2-methylnaphthalene...	6.189	6622809	48.289 ug/ml
6) T n-Tetradecane (C14)	7.318	6503266	43.316 ug/ml
7) T n-Hexadecane (C16)	8.877	6938033	45.336 ug/ml
8) T n-Octadecane (C18)	10.284	7292815	46.703 ug/ml
10) T n-Eicosane (C20)	11.561	6993677	44.565 ug/ml
11) T n-Heneicosane (C21)	12.157	6937303	44.337 ug/ml
13) T n-Docosane (C22)	12.729	6709966	43.036 ug/ml
14) T n-Tetracosane (C24)	13.803	5987194	39.217 ug/mlm
15) T n-Hexacosane (C26)	14.801	6114624	40.963 ug/ml
16) T n-Octacosane (C28)	15.724	11252475	78.528 ug/ml
17) T n-Tricontane (C30)	16.592	5662555	40.446 ug/ml
18) T n-Dotriacontane (C32)	17.401	7226272	53.543 ug/ml
19) T n-Tetratriacontane (C34)	18.164	5480716	43.699 ug/ml
20) T n-Hexatriacontane (C36)	18.885	5376750	43.987 ug/ml
21) T n-Octatriacontane (C38)	19.567	5241296	44.409 ug/ml
22) T n-Tetracontane (C40)	20.213	5254562	45.654 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 13 Sample Multiplier: 1

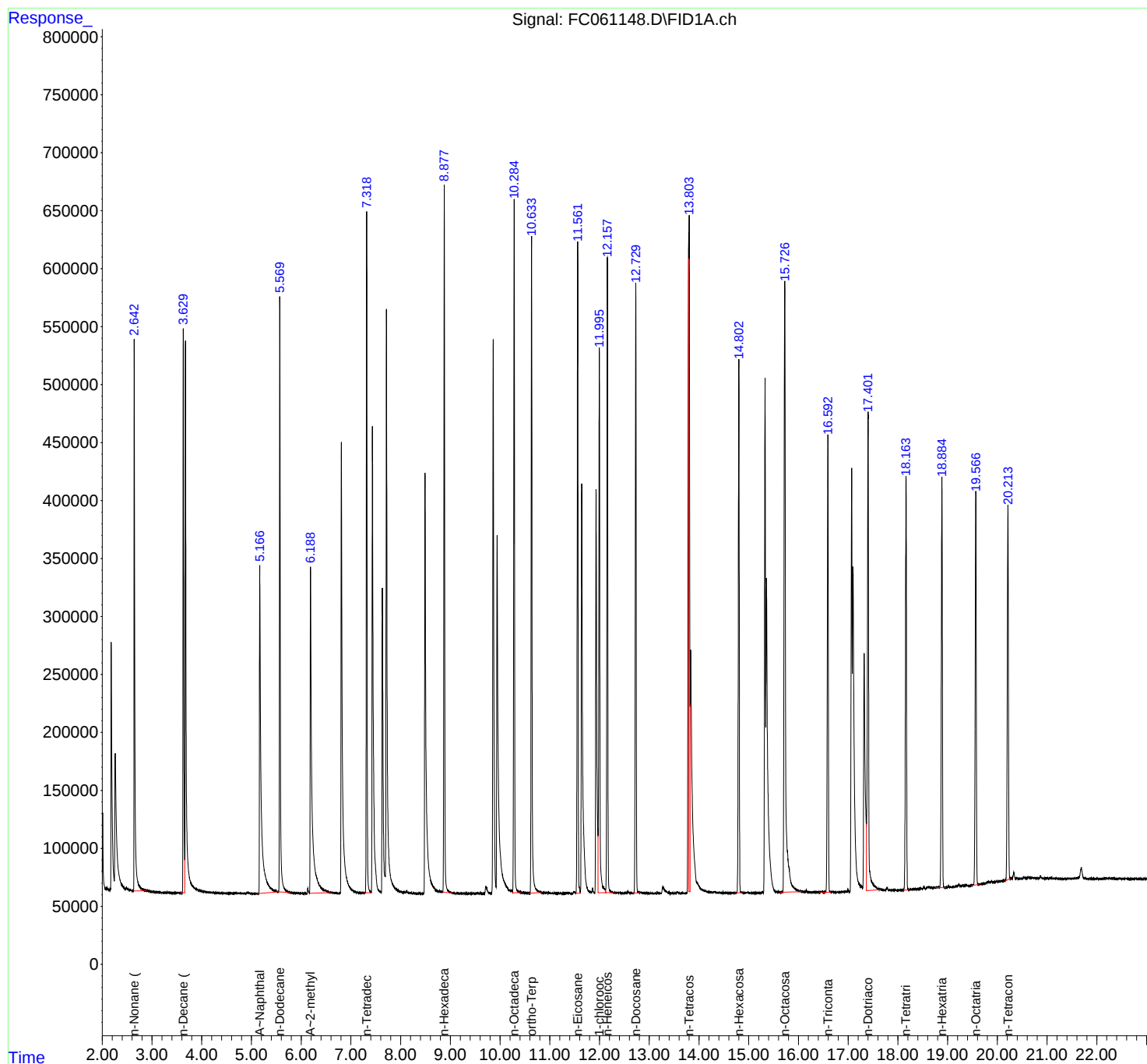
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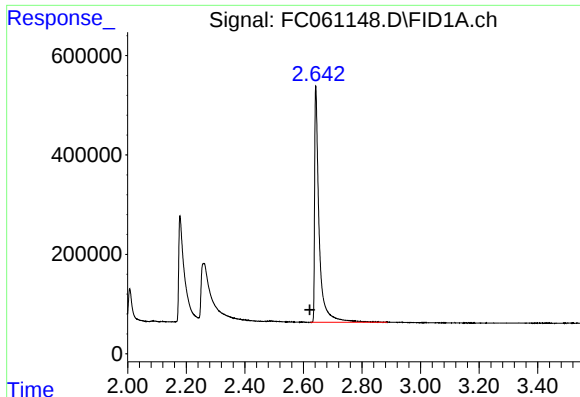
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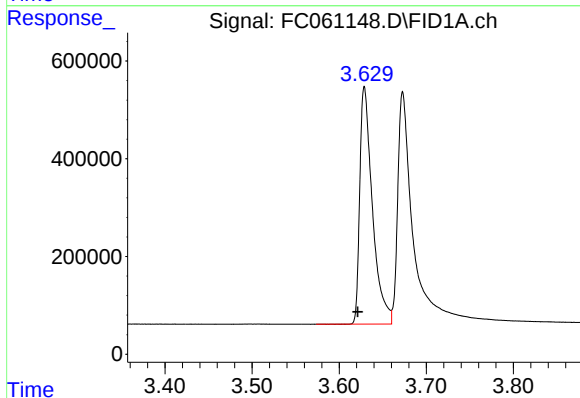
#1 n-Nonane (C9)

R.T.: 2.644 min
Delta R.T.: 0.022 min
Response: 5135672
Conc: 36.46 ug/ml

Instrument :
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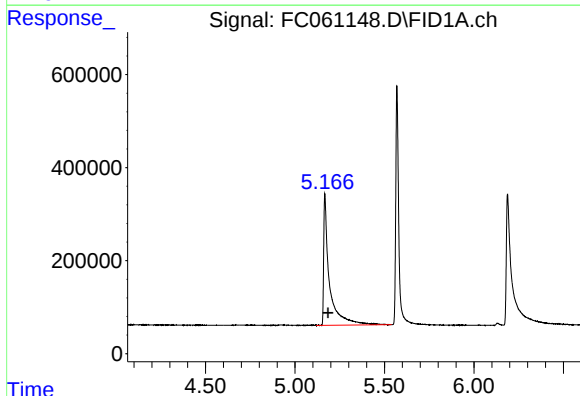
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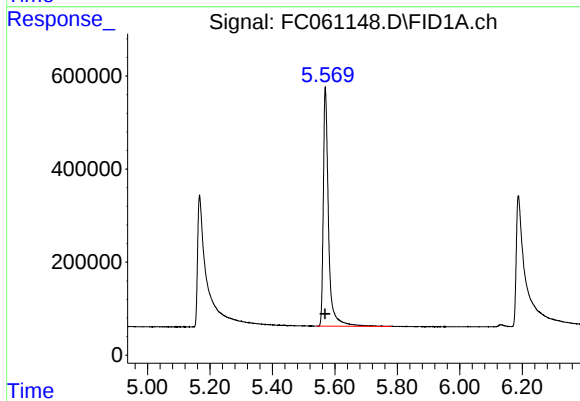
#2 n-Decane (C10)

R.T.: 3.630 min
Delta R.T.: 0.008 min
Response: 4898458
Conc: 34.72 ug/ml



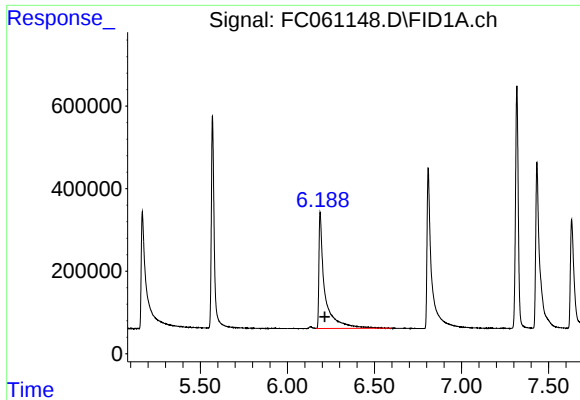
#3 A~Naphthalene (C11.7)

R.T.: 5.167 min
Delta R.T.: -0.017 min
Response: 6316492
Conc: 44.44 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 5934273
Conc: 40.04 ug/ml



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

R.T.: 6.189 min
Delta R.T.: -0.026 min
Response: 6622809
Conc: 48.29 ug/ml

Instrument :

FID_C

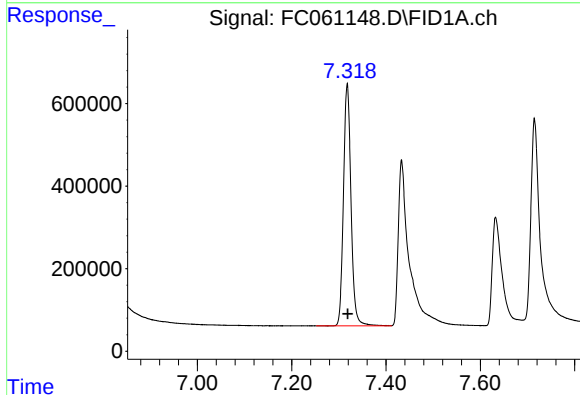
ClientSampleId :

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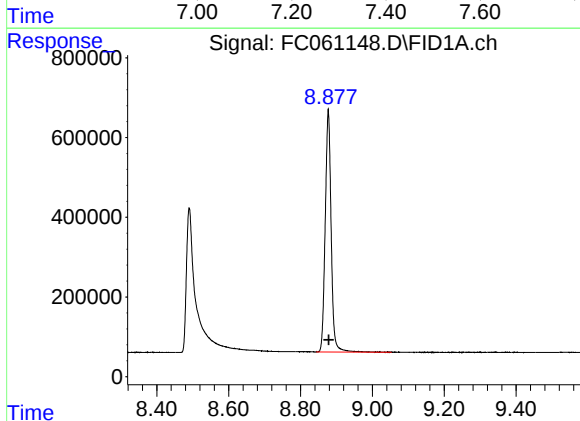
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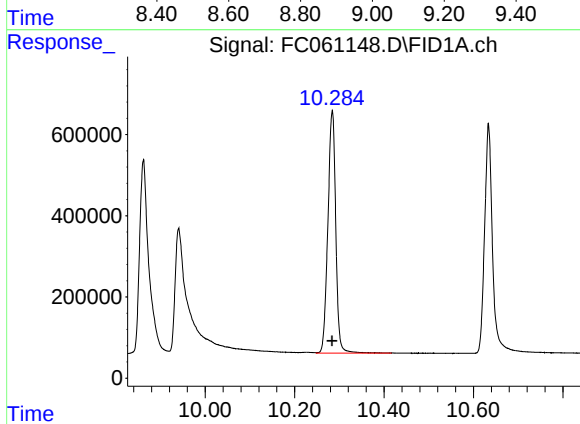
#6 n-Tetradecane (C14)

R.T.: 7.318 min
Delta R.T.: -0.001 min
Response: 6503266
Conc: 43.32 ug/ml



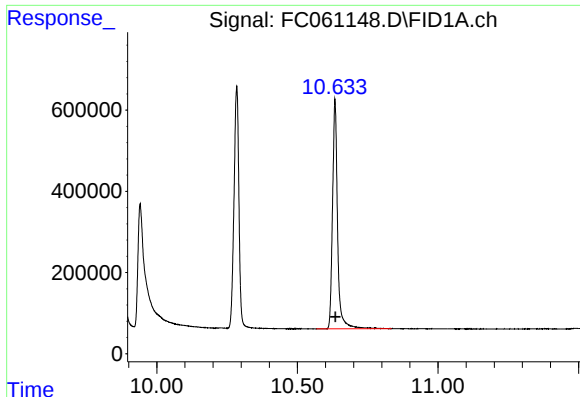
#7 n-Hexadecane (C16)

R.T.: 8.877 min
Delta R.T.: -0.001 min
Response: 6938033
Conc: 45.34 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.284 min
Delta R.T.: 0.000 min
Response: 7292815
Conc: 46.70 ug/ml



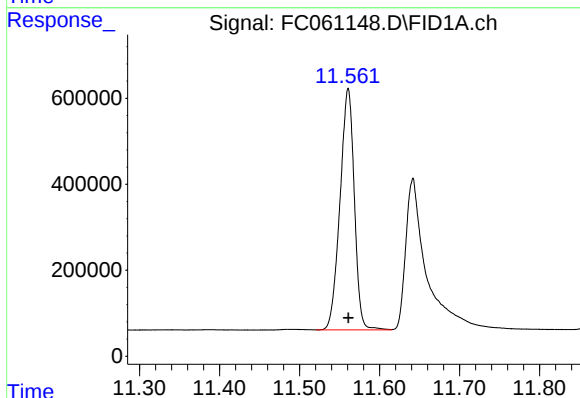
#9 ortho-Terphenyl (SURR)

R.T.: 10.634 min
Delta R.T.: 0.000 min
Response: 7040792
Conc: 42.90 ug/ml

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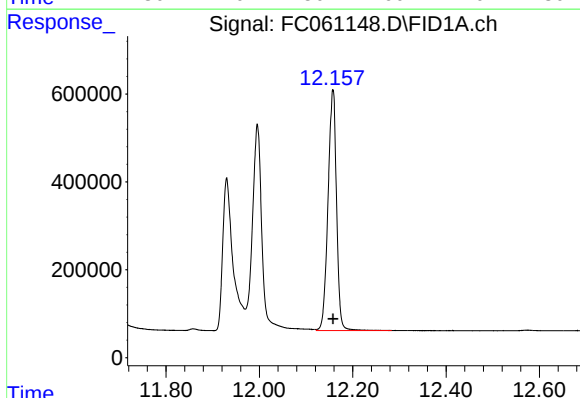
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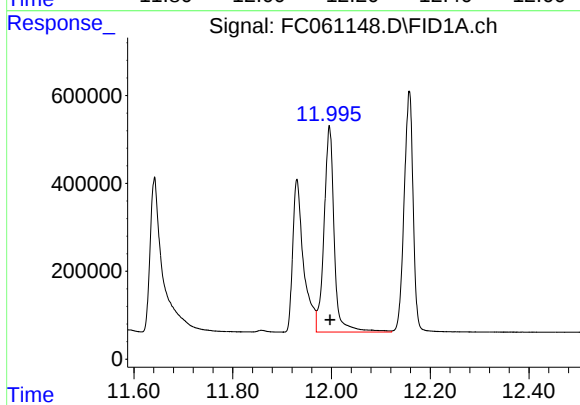
#10 n-Eicosane (C20)

R.T.: 11.561 min
Delta R.T.: 0.000 min
Response: 6993677
Conc: 44.57 ug/ml



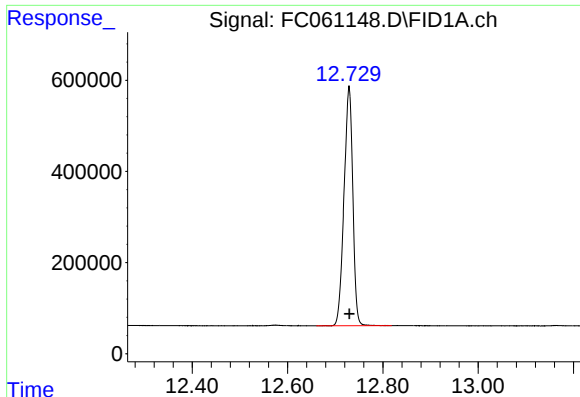
#11 n-Heneicosane (C21)

R.T.: 12.157 min
Delta R.T.: 0.000 min
Response: 6937303
Conc: 44.34 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.996 min
Delta R.T.: -0.002 min
Response: 6747694
Conc: 50.83 ug/ml



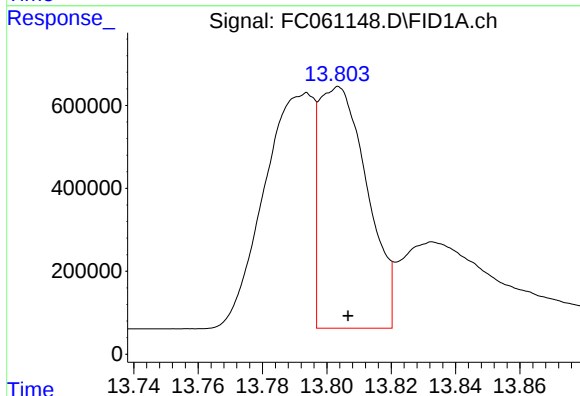
#13 n-Docosane (C22)

R.T.: 12.729 min
Delta R.T.: 0.000 min
Response: 6709966
Conc: 43.04 ug/ml

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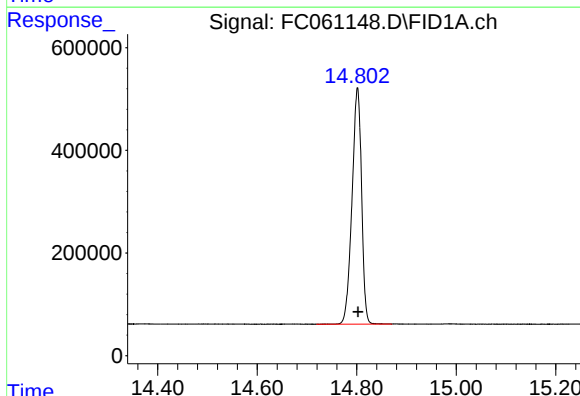
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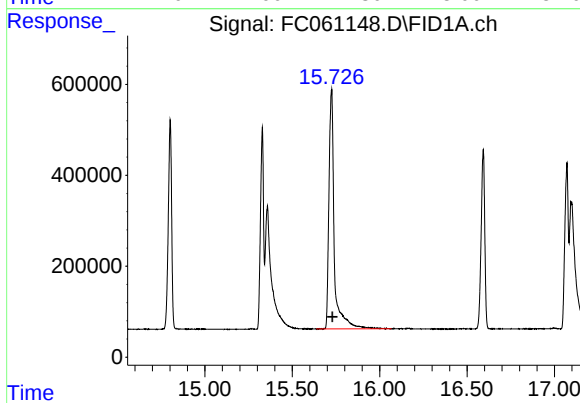
#14 n-Tetracosane (C24)

R.T.: 13.803 min
Delta R.T.: -0.003 min
Response: 5987194
Conc: 39.22 ug/ml m



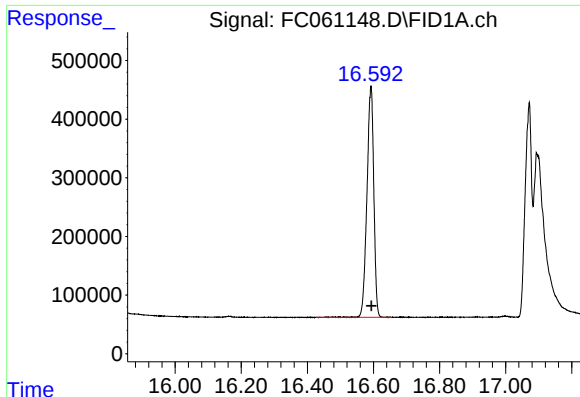
#15 n-Hexacosane (C26)

R.T.: 14.801 min
Delta R.T.: -0.002 min
Response: 6114624
Conc: 40.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.724 min
Delta R.T.: -0.004 min
Response: 11252475
Conc: 78.53 ug/ml



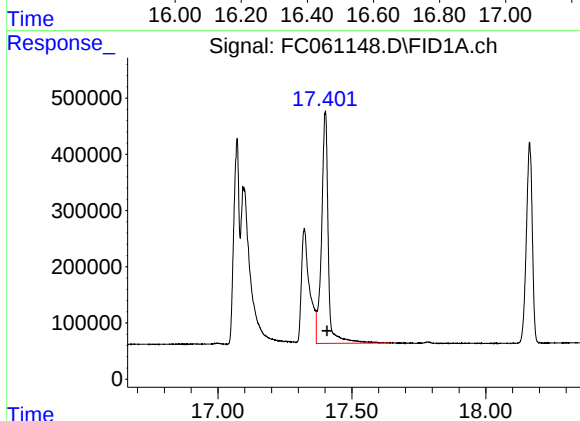
#17 n-Tricontane (C30)

R.T.: 16.592 min
Delta R.T.: -0.002 min
Response: 5662555
Conc: 40.45 ug/ml

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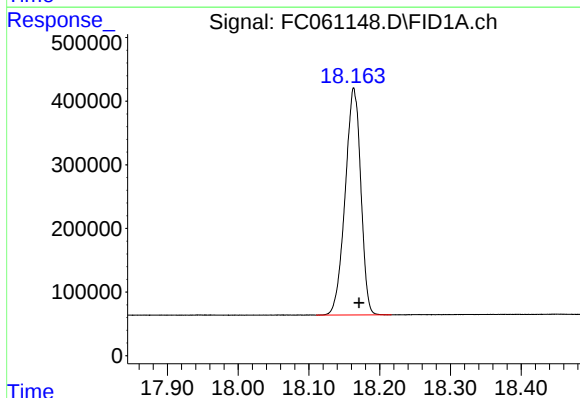
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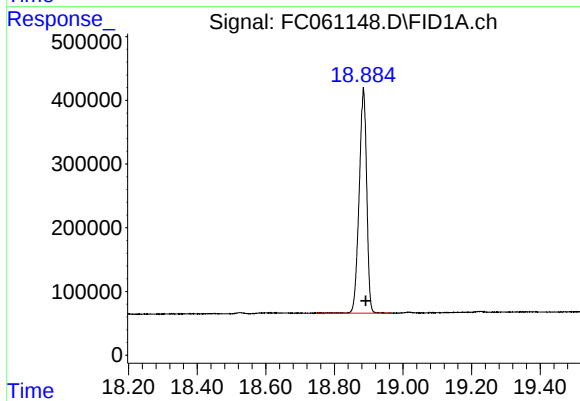
#18 n-Dotriacontane (C32)

R.T.: 17.401 min
Delta R.T.: -0.006 min
Response: 7226272
Conc: 53.54 ug/ml



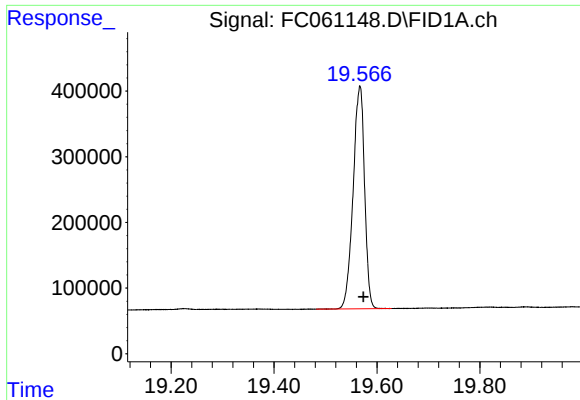
#19 n-Tetratriacontane (C34)

R.T.: 18.164 min
Delta R.T.: -0.007 min
Response: 5480716
Conc: 43.70 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.885 min
Delta R.T.: -0.007 min
Response: 5376750
Conc: 43.99 ug/ml



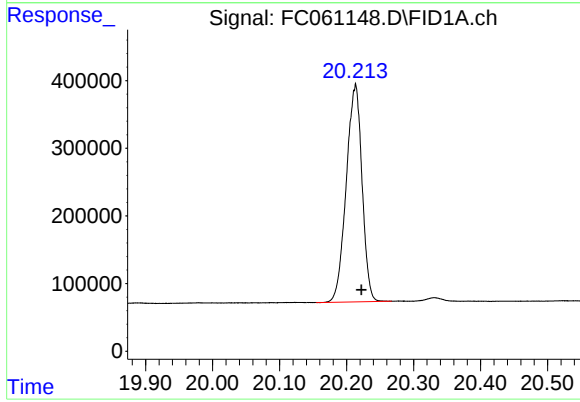
#21 n-Octatriacontane (C38)

R.T.: 19.567 min
Delta R.T.: -0.007 min
Response: 5241296
Conc: 44.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.213 min
Delta R.T.: -0.009 min
Response: 5254562
Conc: 45.65 ug/ml m