

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F111423AL\
 Data File : FC065143.D
 Signal(s) : FID1A.ch
 Acq On : 14 Nov 2023 17:38
 Operator : YP/AJ
 Sample : 05388-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-3-EPHMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/15/2023
 Supervised By :Ankita Jodhani 11/15/2023

Integration File: autoint1.e
 Quant Time: Nov 14 21:29:21 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)	11.509	6731924	30.588 ug/ml
Spiked Amount 50.000		Recovery =	61.18%
12) S 1-chlorooctadecane (S...	12.939	5345981	33.817 ug/ml
Spiked Amount 50.000		Recovery =	67.63%
Target Compounds			
1) T n-Nonane (C9)	3.313	6039728	31.945 ug/ml
2) T n-Decane (C10)	4.371	6812763	35.830 ug/ml
3) T A~Naphthalene (C11.7)	5.949	7381393	38.231 ug/ml
4) T n-Dodecane (C12)	6.379	7342187	38.008 ug/ml
5) T A~2-methylnaphthalene...	7.002	7635173	41.549 ug/mlm
6) T n-Tetradecane (C14)	8.169	7863144	41.672 ug/mlm
7) T n-Hexadecane (C16)	9.761	8390338	44.388 ug/ml
8) T n-Octadecane (C18)	11.197	8889501	47.102 ug/ml
10) T n-Eicosane (C20)	12.499	8908556	49.552 ug/ml
11) T n-Heneicosane (C21)	13.107	8462203	48.199 ug/ml
13) T n-Docosane (C22)	13.691	8357947	48.657 ug/ml
14) T n-Tetracosane (C24)	14.783	15775690	94.717 ug/ml
15) T n-Hexacosane (C26)	15.805	7714366	48.062 ug/ml
16) T n-Octacosane (C28)	16.750	7668299	48.998 ug/ml
17) T n-Tricontane (C30)	17.634	7266703	45.878 ug/ml
18) T n-Dotriacontane (C32)	18.461	7045139	44.619 ug/ml
19) T n-Tetratriacontane (C34)	19.241	6866423	44.985 ug/ml
20) T n-Hexatriacontane (C36)	19.977	6522736	43.231 ug/ml
21) T n-Octatriacontane (C38)	20.697	6406460	43.050 ug/ml
22) T n-Tetracontane (C40)	21.572	6301854	42.847 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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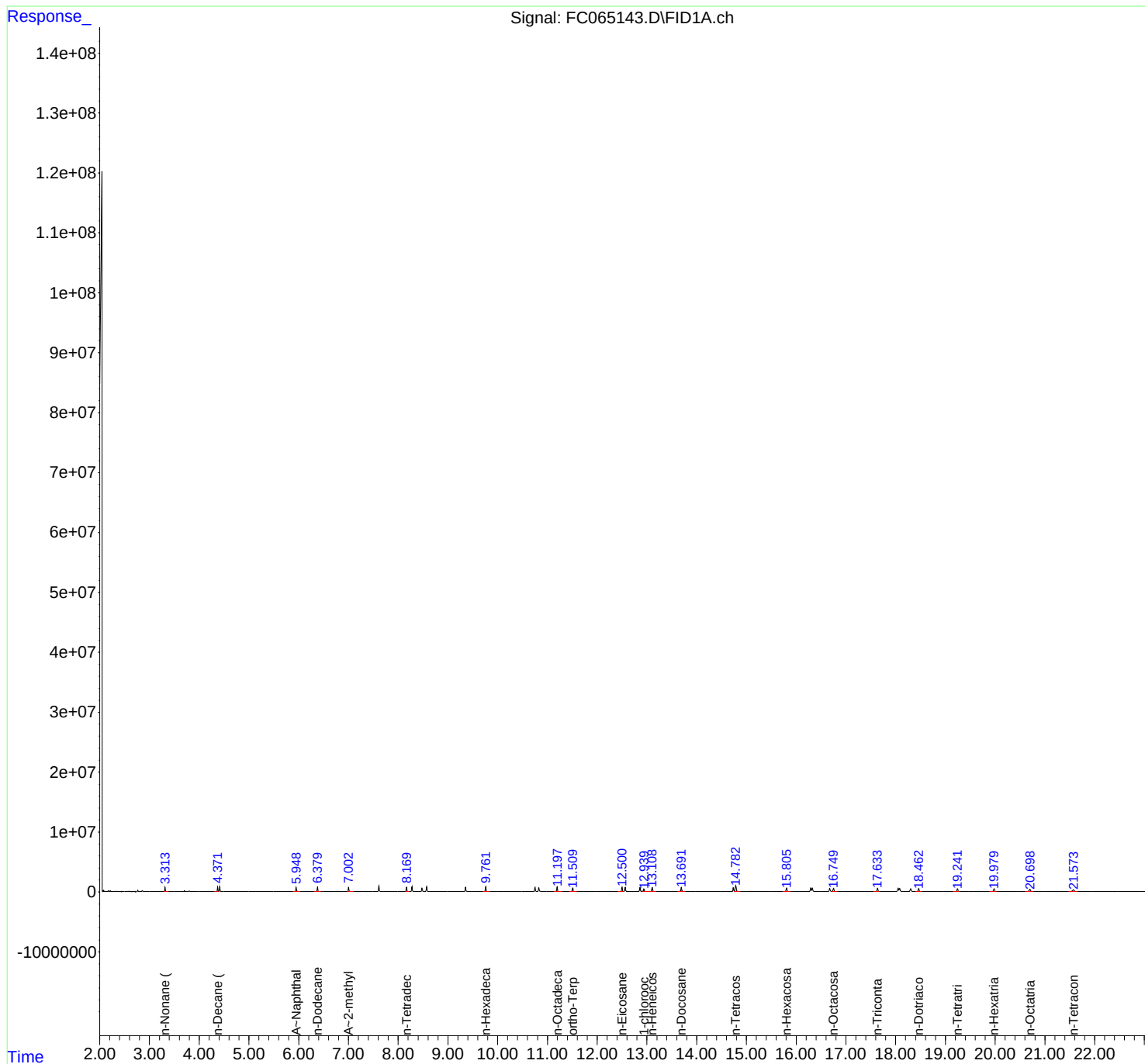
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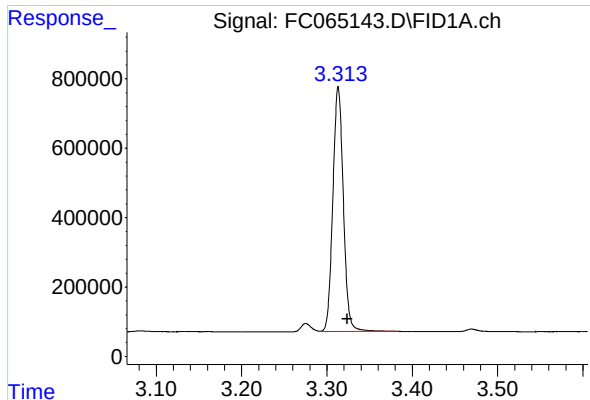
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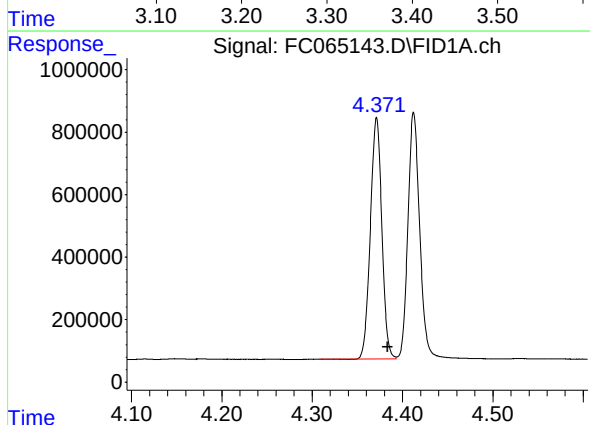
#1 n-Nonane (C9)

R.T.: 3.313 min
Delta R.T.: -0.011 min
Response: 6039728
Conc: 31.95 ug/ml

Instrument :
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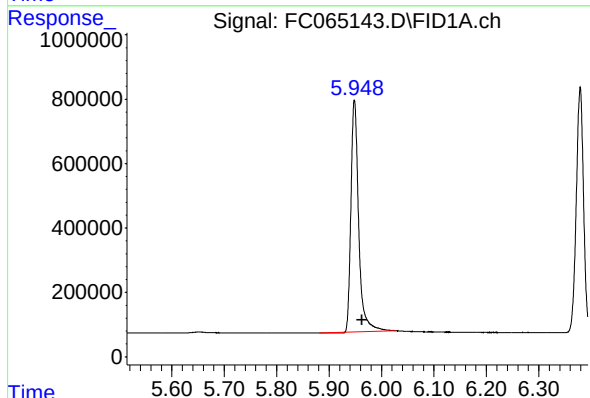
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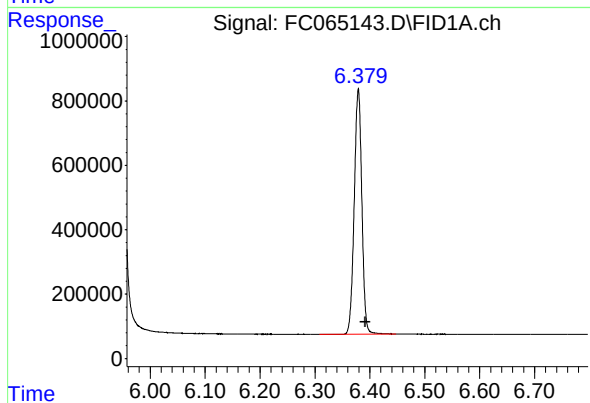
#2 n-Decane (C10)

R.T.: 4.371 min
Delta R.T.: -0.012 min
Response: 6812763
Conc: 35.83 ug/ml



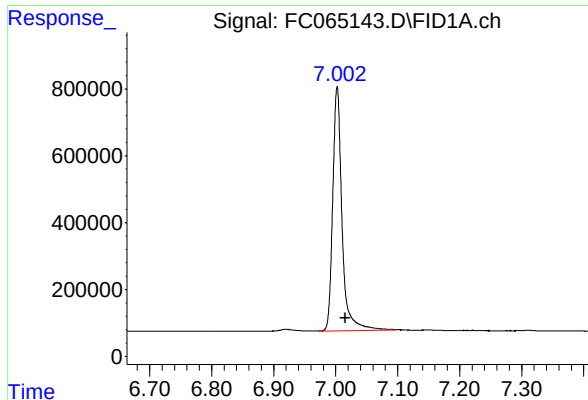
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.014 min
Response: 7381393
Conc: 38.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.379 min
Delta R.T.: -0.013 min
Response: 7342187
Conc: 38.01 ug/ml



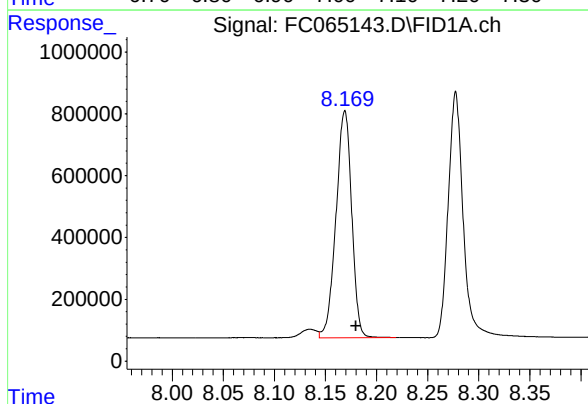
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.002 min
Delta R.T.: -0.013 min
Response: 7635173
Conc: 41.55 ug/ml

Instrument :
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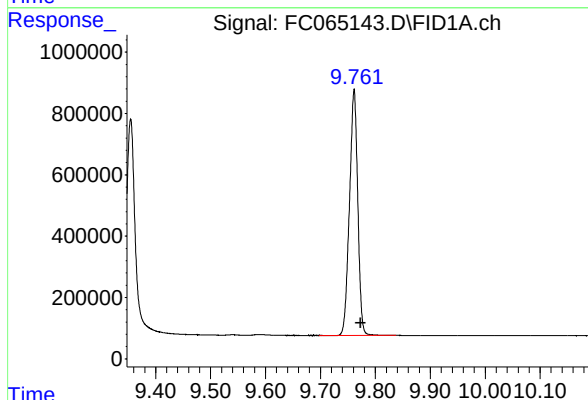
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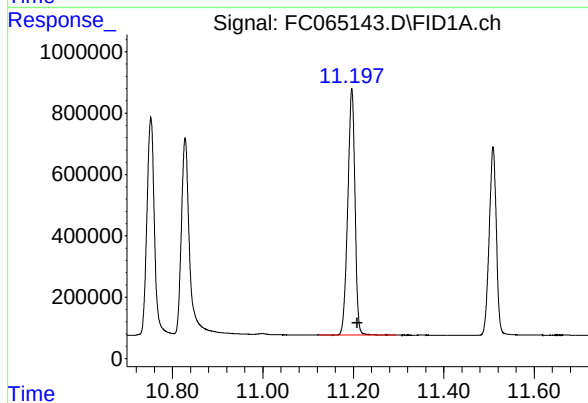
#6 n-Tetradecane (C14)

R.T.: 8.169 min
Delta R.T.: -0.011 min
Response: 7863144
Conc: 41.67 ug/ml m



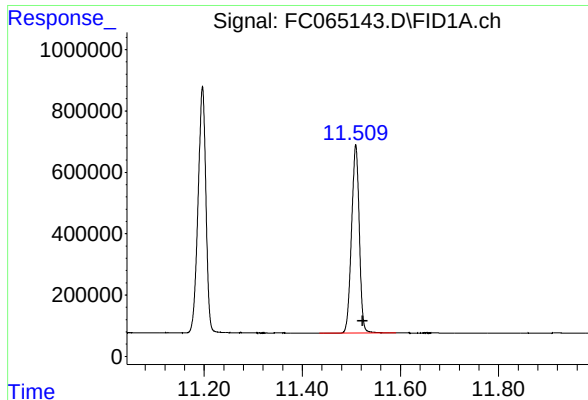
#7 n-Hexadecane (C16)

R.T.: 9.761 min
Delta R.T.: -0.012 min
Response: 8390338
Conc: 44.39 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.197 min
Delta R.T.: -0.012 min
Response: 8889501
Conc: 47.10 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.509 min
Delta R.T.: -0.014 min
Response: 6731924
Conc: 30.59 ug/ml

Instrument :

FID_C

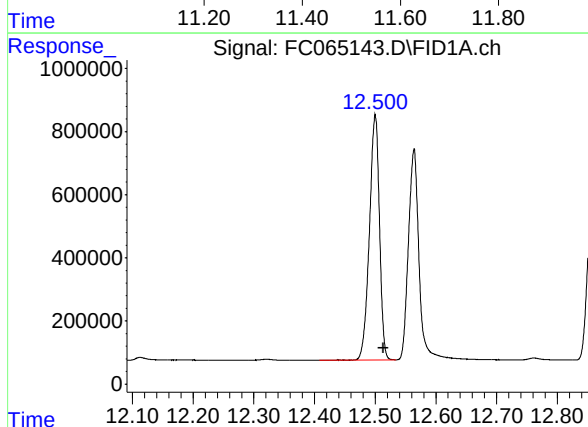
ClientSampleId :

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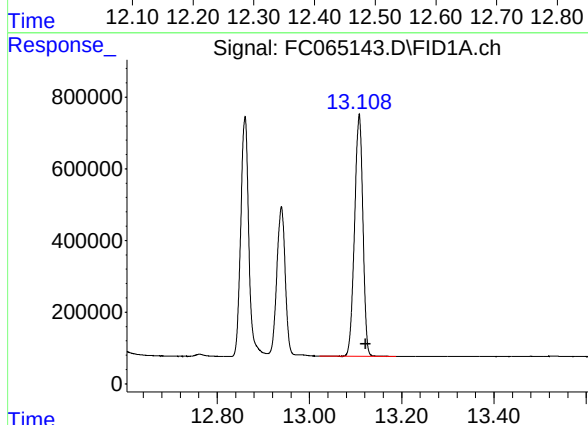
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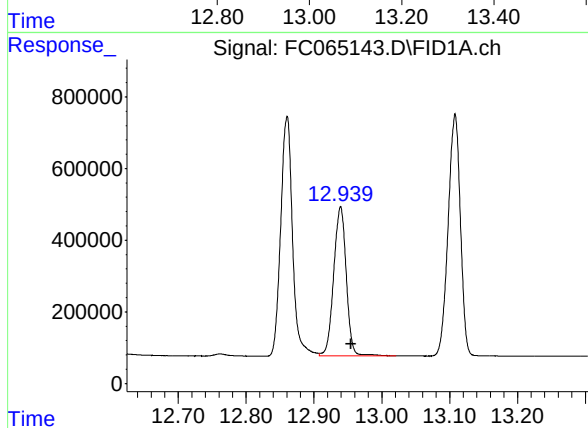
#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: -0.014 min
Response: 8908556
Conc: 49.55 ug/ml



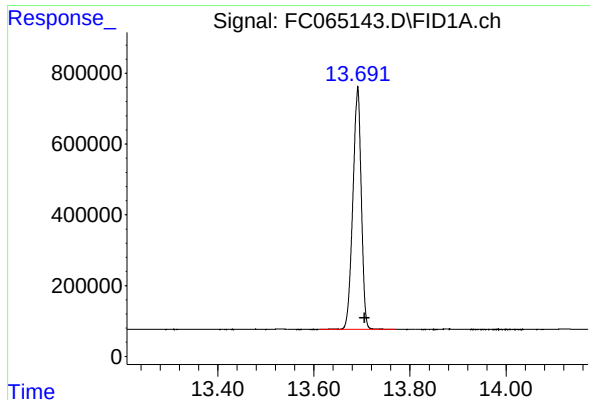
#11 n-Heneicosane (C21)

R.T.: 13.107 min
Delta R.T.: -0.014 min
Response: 8462203
Conc: 48.20 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.939 min
Delta R.T.: -0.016 min
Response: 5345981
Conc: 33.82 ug/ml



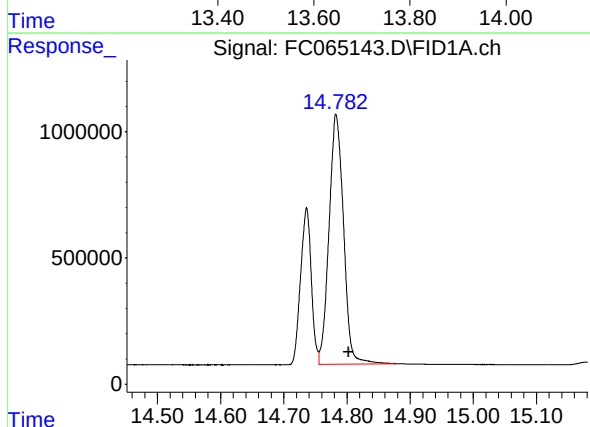
#13 n-Docosane (C22)

R.T.: 13.691 min
Delta R.T.: -0.015 min
Response: 8357947
Conc: 48.66 ug/ml

Instrument :
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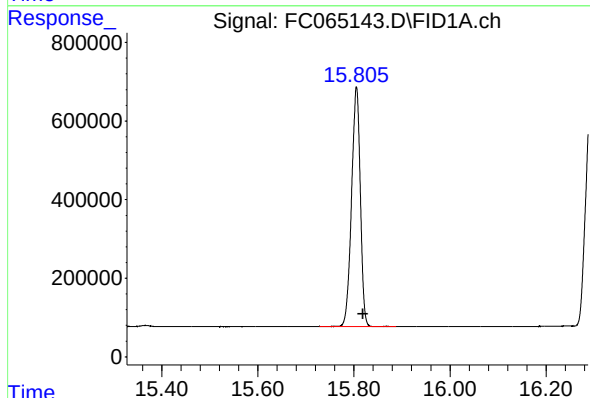
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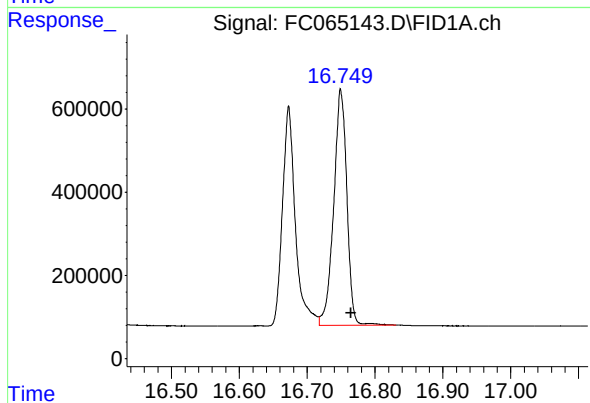
#14 n-Tetracosane (C24)

R.T.: 14.783 min
Delta R.T.: -0.019 min
Response: 15775690
Conc: 94.72 ug/ml



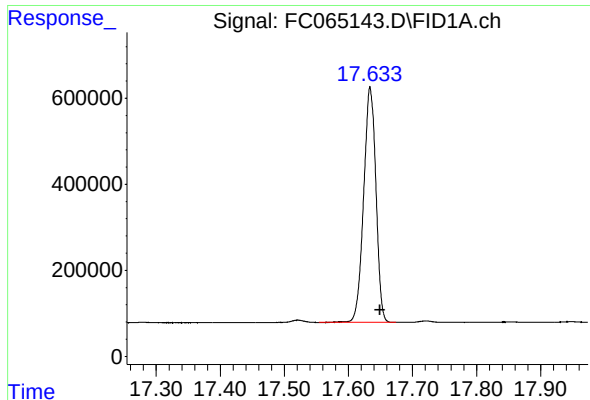
#15 n-Hexacosane (C26)

R.T.: 15.805 min
Delta R.T.: -0.014 min
Response: 7714366
Conc: 48.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.750 min
Delta R.T.: -0.015 min
Response: 7668299
Conc: 49.00 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.634 min
Delta R.T.: -0.015 min
Response: 7266703
Conc: 45.88 ug/ml

Instrument :

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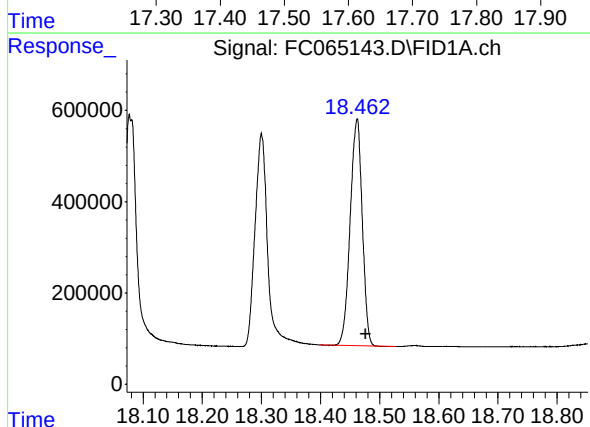
ClientSampleId :

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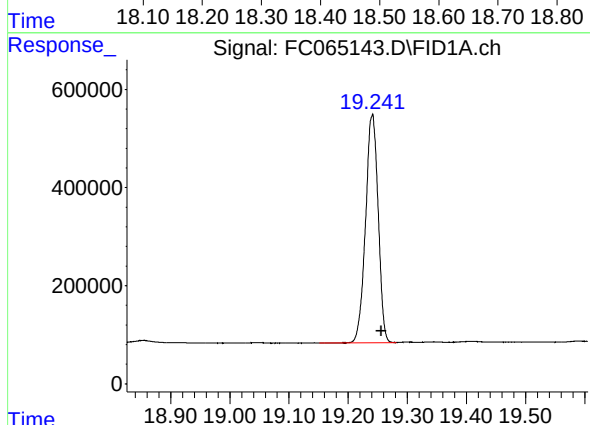
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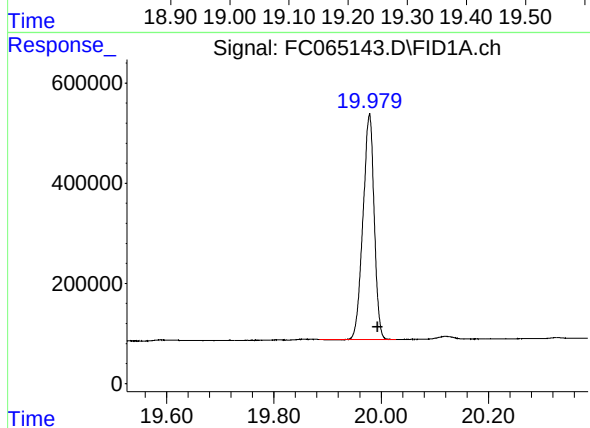
#18 n-Dotriacontane (C32)

R.T.: 18.461 min
Delta R.T.: -0.016 min
Response: 7045139
Conc: 44.62 ug/ml



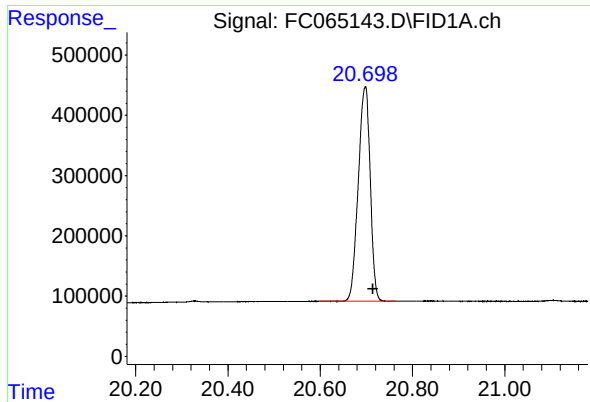
#19 n-Tetratriacontane (C34)

R.T.: 19.241 min
Delta R.T.: -0.015 min
Response: 6866423
Conc: 44.98 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.977 min
Delta R.T.: -0.016 min
Response: 6522736
Conc: 43.23 ug/ml



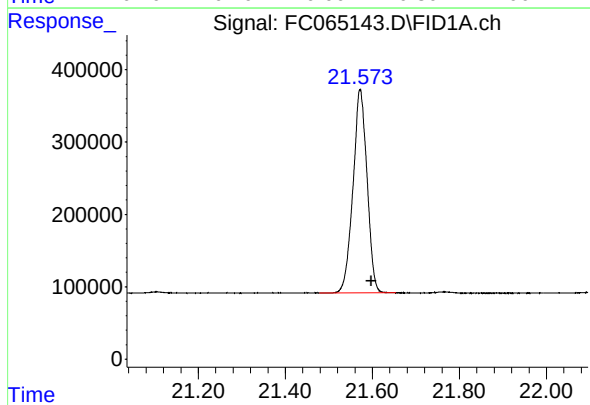
#21 n-Octatriacontane (C38)

R.T.: 20.697 min
Delta R.T.: -0.018 min
Response: 6406460
Conc: 43.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.572 min
Delta R.T.: -0.026 min
Response: 6301854
Conc: 42.85 ug/ml