

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101119AL\
 Data File : FC043934.D
 Signal(s) : FID1A.CH
 Acq On : 12 Oct 2019 7:51
 Operator : DD\AJ
 Sample : K5324-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SOIL-PILEMS

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Oct 14 00:22:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 12 00:05:39 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.570	7822377	51.537 ug/ml
Spiked Amount 50.000		Recovery =	103.07%
12) S 1-chlorooctadecane (S...	12.990	6533037	55.103 ug/ml
Spiked Amount 50.000		Recovery =	110.21%
Target Compounds			
1) T n-Nonane (C9)	3.422	2901167	23.996 ug/ml
2) T n-Decane (C10)	4.475	4315523	35.654 ug/ml
3) T A~Naphthalene (C11.7)	6.051	6348278	53.920 ug/ml
4) T n-Dodecane (C12)	6.466	6612624	52.282 ug/ml
5) T A~2-methylnaphthalene...	7.095	7420552	61.580 ug/ml
6) T n-Tetradecane (C14)	8.242	8000662	62.155 ug/ml
7) T n-Hexadecane (C16)	9.823	8195305	62.241 ug/ml
8) T n-Octadecane (C18)	11.251	8095333	59.353 ug/ml
10) T n-Eicosane (C20)	12.548	7941816	56.900 ug/ml
11) T n-Heneicosane (C21)	13.154	7729237	54.387 ug/ml
13) T n-Docosane (C22)	13.735	7561892	53.219 ug/ml
14) T n-Tetracosane (C24)	14.831	8213093	57.210 ug/mlm
15) T n-Hexacosane (C26)	15.845	7092634	49.600 ug/ml
16) T n-Octacosane (C28)	16.786	8171661	57.646 ug/ml
17) T n-Tricontane (C30)	17.671	7000020	49.912 ug/ml
18) T n-Dotriacontane (C32)	18.496	6849940	51.567 ug/ml
19) T n-Tetratriacontane (C34)	19.275	6065236	48.544 ug/ml
20) T n-Hexatriacontane (C36)	20.009	5030523	43.522 ug/mlm
21) T n-Octatriacontane (C38)	20.729	4385736	41.207 ug/ml
22) T n-Tetracontane (C40)	21.607	4365337	41.751 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 21 Sample Multiplier: 1

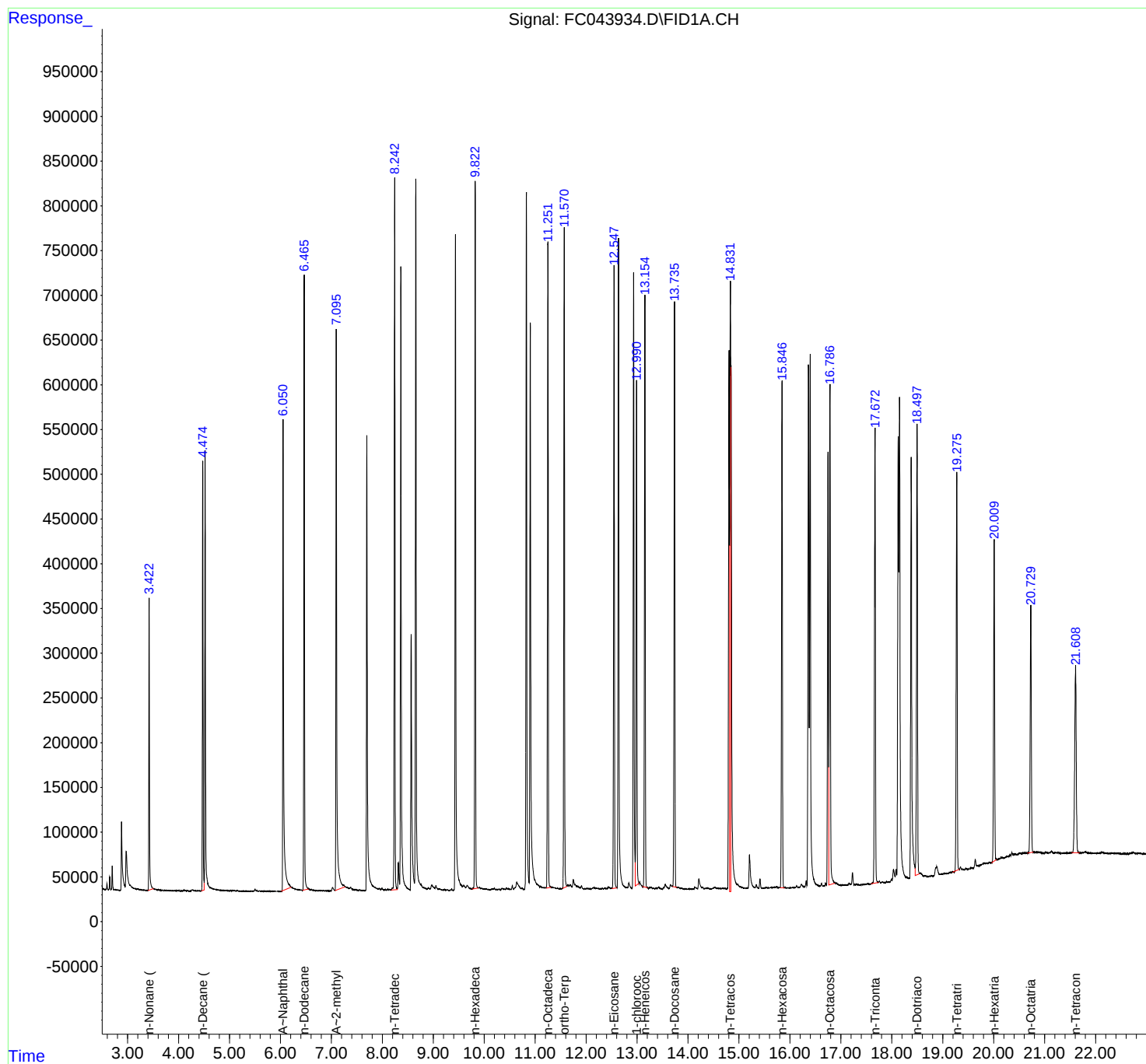
Instrument :
FID_C
ClientSampled :
SOIL-PILEMS

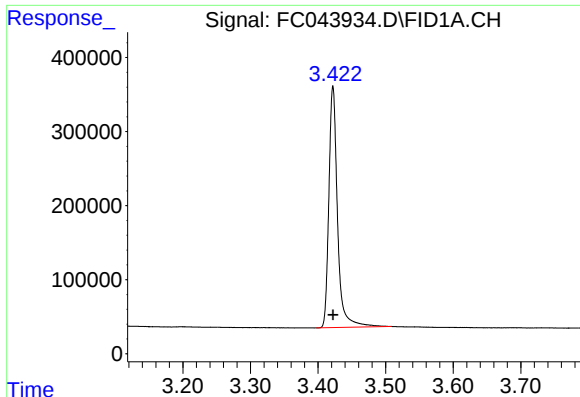
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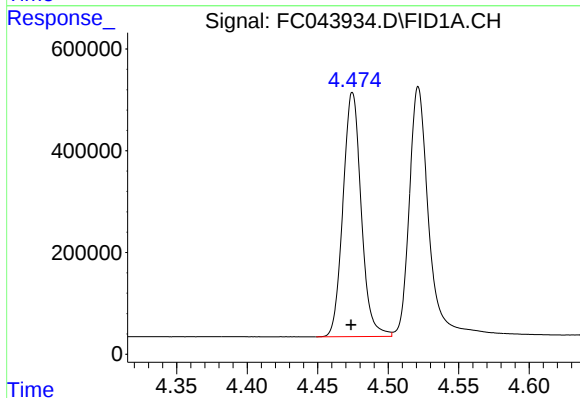
#1 n-Nonane (C9)

R.T.: 3.422 min
Delta R.T.: 0.000 min
Response: 2901167
Conc: 24.00 ug/ml

Instrument :
FID_C
ClientSampleId :
SOIL-PILEMS

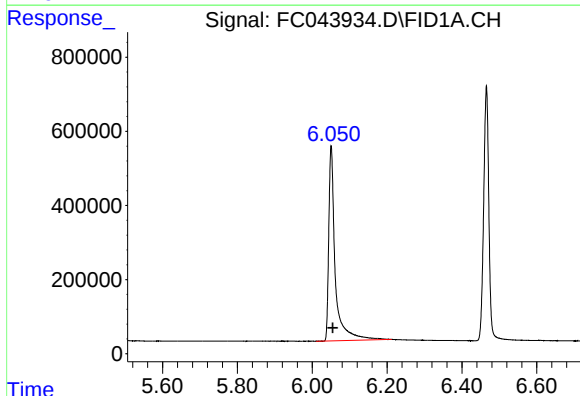
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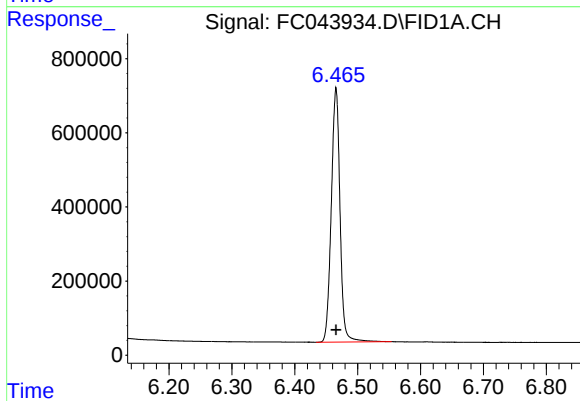
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: 0.001 min
Response: 4315523
Conc: 35.65 ug/ml



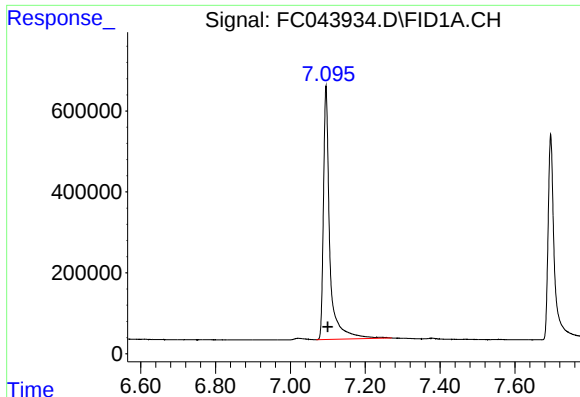
#3 A~Naphthalene (C11.7)

R.T.: 6.051 min
Delta R.T.: -0.004 min
Response: 6348278
Conc: 53.92 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.466 min
Delta R.T.: 0.000 min
Response: 6612624
Conc: 52.28 ug/ml



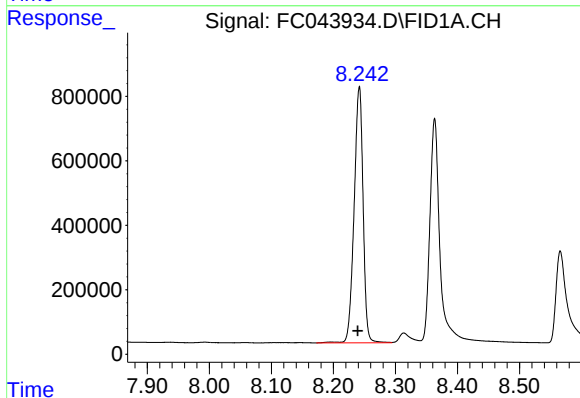
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.095 min
Delta R.T.: -0.004 min
Response: 7420552
Conc: 61.58 ug/ml

Instrument :
FID_C
ClientSampleId :
SOIL-PILEMS

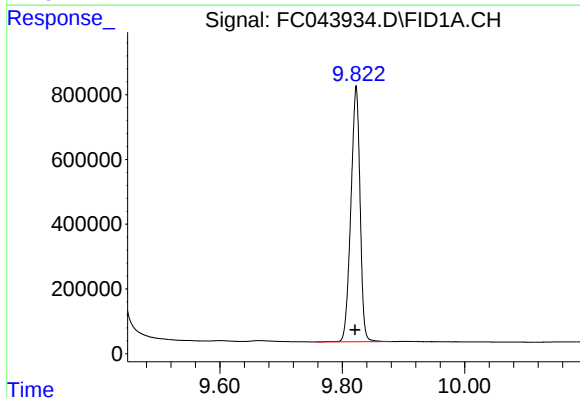
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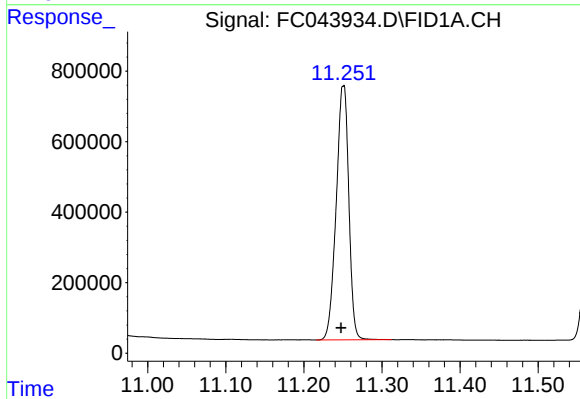
#6 n-Tetradecane (C14)

R.T.: 8.242 min
Delta R.T.: 0.002 min
Response: 8000662
Conc: 62.16 ug/ml



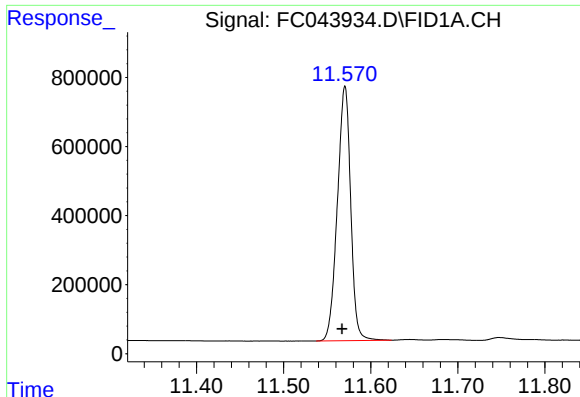
#7 n-Hexadecane (C16)

R.T.: 9.823 min
Delta R.T.: 0.002 min
Response: 8195305
Conc: 62.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.251 min
Delta R.T.: 0.003 min
Response: 8095333
Conc: 59.35 ug/ml



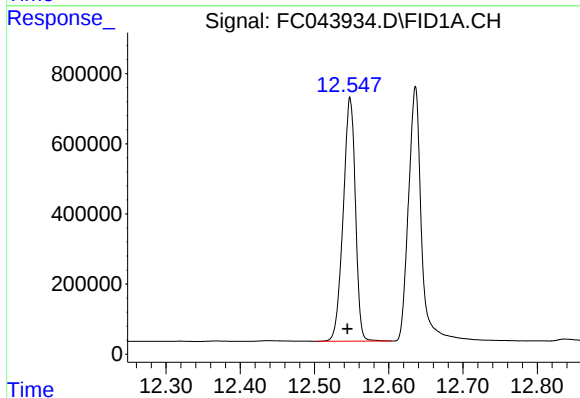
#9 ortho-Terphenyl (SURR)

R.T.: 11.570 min
Delta R.T.: 0.003 min
Response: 7822377
Conc: 51.54 ug/ml

Instrument :
FID_C
ClientSampleId :
SOIL-PILEMS

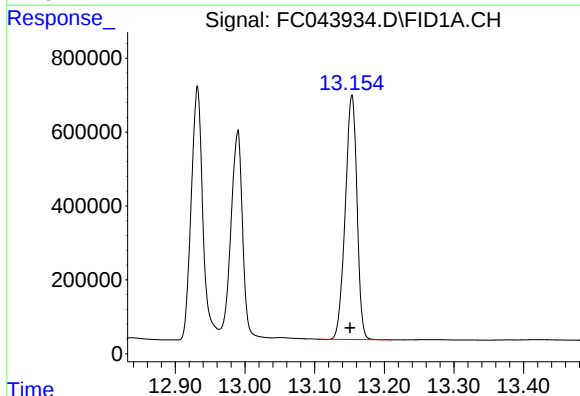
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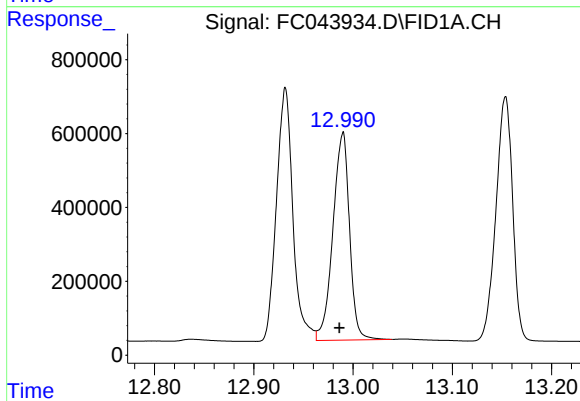
#10 n-Eicosane (C20)

R.T.: 12.548 min
Delta R.T.: 0.003 min
Response: 7941816
Conc: 56.90 ug/ml



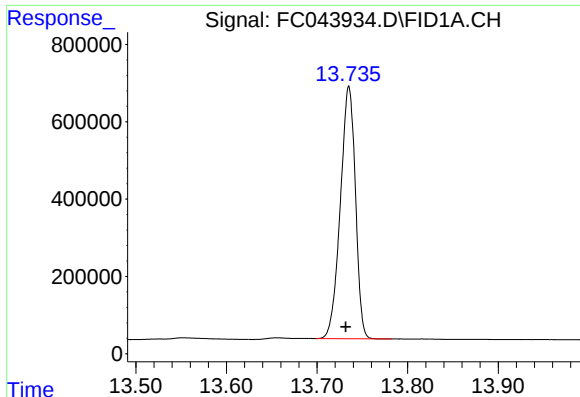
#11 n-Heneicosane (C21)

R.T.: 13.154 min
Delta R.T.: 0.003 min
Response: 7729237
Conc: 54.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.990 min
Delta R.T.: 0.004 min
Response: 6533037
Conc: 55.10 ug/ml



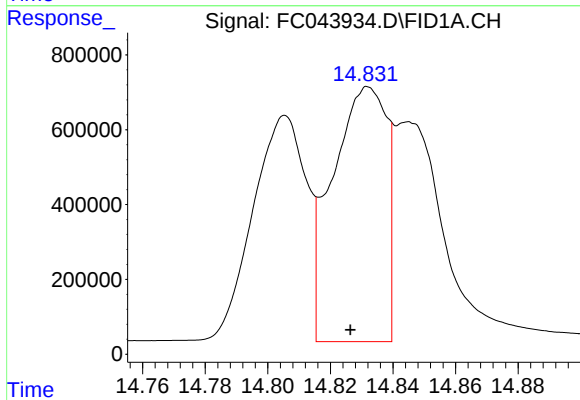
#13 n-Docosane (C22)

R.T.: 13.735 min
Delta R.T.: 0.003 min
Response: 7561892
Conc: 53.22 ug/ml

Instrument :
FID_C
ClientSampleId :
SOIL-PILEMS

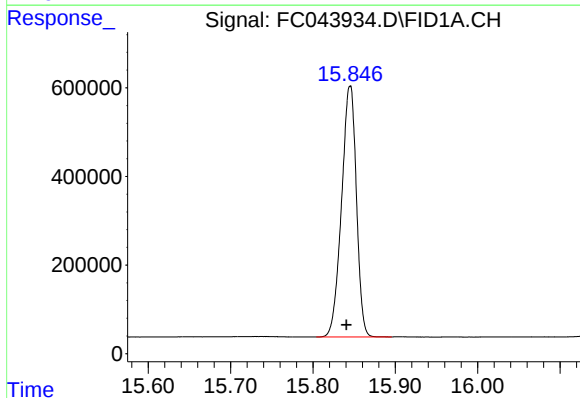
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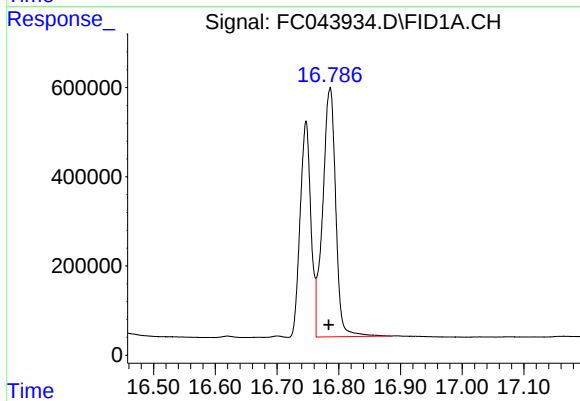
#14 n-Tetracosane (C24)

R.T.: 14.831 min
Delta R.T.: 0.005 min
Response: 8213093
Conc: 57.21 ug/ml m



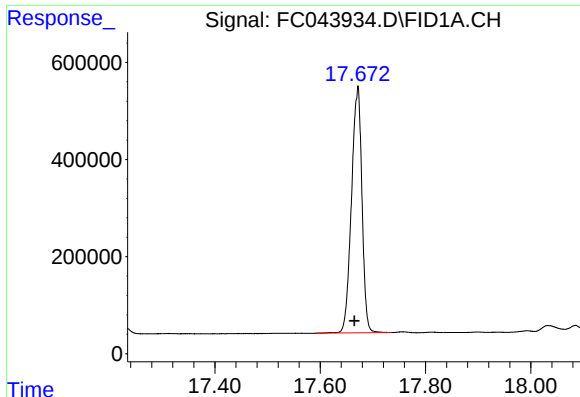
#15 n-Hexacosane (C26)

R.T.: 15.845 min
Delta R.T.: 0.004 min
Response: 7092634
Conc: 49.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.786 min
Delta R.T.: 0.002 min
Response: 8171661
Conc: 57.65 ug/ml



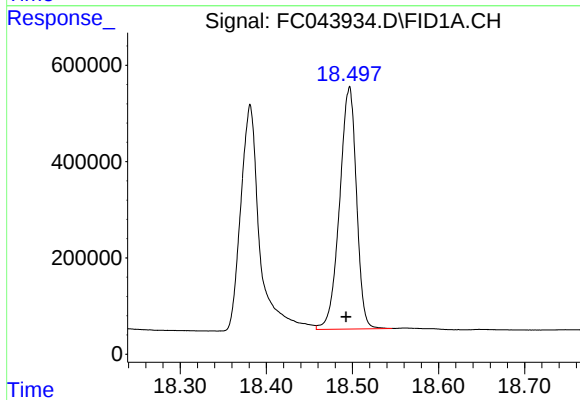
#17 n-Tricontane (C30)

R.T.: 17.671 min
Delta R.T.: 0.005 min
Response: 7000020
Conc: 49.91 ug/ml

Instrument :
FID_C
ClientSampleId :
SOIL-PILEMS

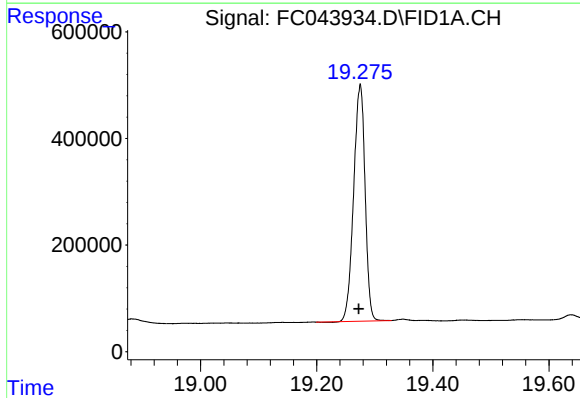
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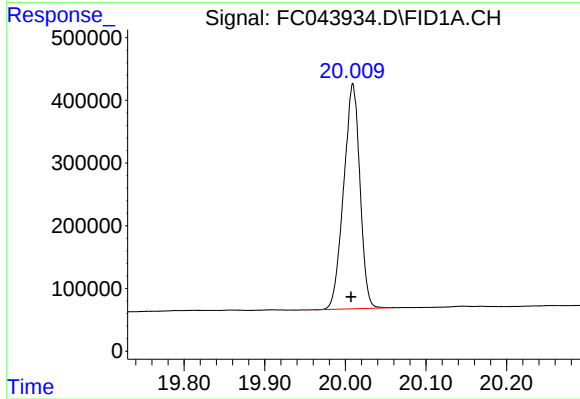
#18 n-Dotriacontane (C32)

R.T.: 18.496 min
Delta R.T.: 0.003 min
Response: 6849940
Conc: 51.57 ug/ml



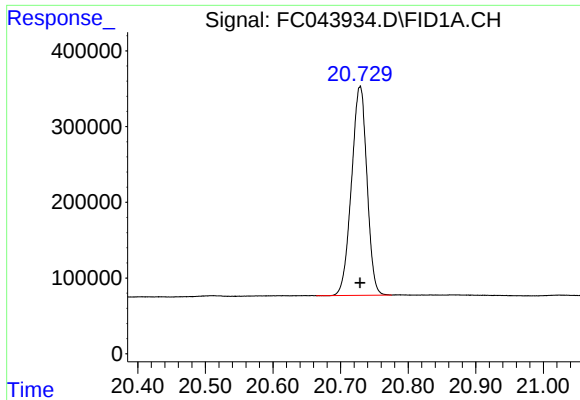
#19 n-Tetratriacontane (C34)

R.T.: 19.275 min
Delta R.T.: 0.002 min
Response: 6065236
Conc: 48.54 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.009 min
Delta R.T.: 0.002 min
Response: 5030523
Conc: 43.52 ug/ml m



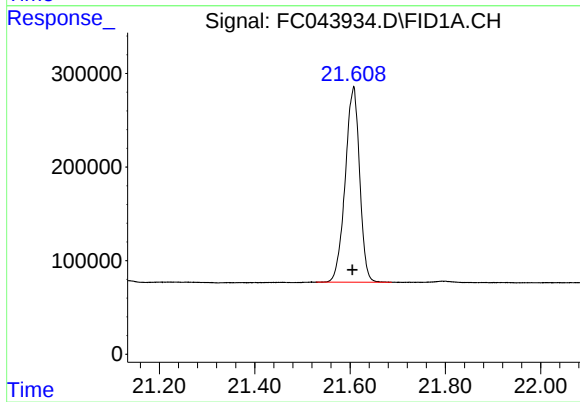
#21 n-Octatriacontane (C38)

R.T.: 20.729 min
Delta R.T.: 0.000 min
Response: 4385736
Conc: 41.21 ug/ml

Instrument :
FID_C
ClientSampleId :
SOIL-PILEMS

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#22 n-Tetracontane (C40)

R.T.: 21.607 min
Delta R.T.: 0.002 min
Response: 4365337
Conc: 41.75 ug/ml