

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101119AL\
 Data File : FC043935.D
 Signal(s) : FID1A.CH
 Acq On : 12 Oct 2019 8:27
 Operator : DD\AJ
 Sample : K5324-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SOIL-PILEMSD

Manual Integrations
 APPROVED

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 10/14/2019 3:02:13 PM

Integration File: autoint1.e
 Quant Time: Oct 14 00:22:32 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	7812442	51.472 ug/ml
Spiked Amount 50.000		Recovery =	102.94%
12) S 1-chlorooctadecane (S...	12.990	6539043	55.153 ug/ml
Spiked Amount 50.000		Recovery =	110.31%
Target Compounds			
1) T n-Nonane (C9)	3.422	2900556	23.991 ug/ml
2) T n-Decane (C10)	4.474	4308073	35.592 ug/ml
3) T A~Naphthalene (C11.7)	6.050	6366924	54.078 ug/ml
4) T n-Dodecane (C12)	6.465	6607068	52.238 ug/ml
5) T A~2-methylnaphthalene...	7.095	7263372	60.276 ug/ml
6) T n-Tetradecane (C14)	8.241	7979477	61.991 ug/ml
7) T n-Hexadecane (C16)	9.823	8181844	62.138 ug/ml
8) T n-Octadecane (C18)	11.251	8072496	59.186 ug/ml
10) T n-Eicosane (C20)	12.548	7932701	56.835 ug/ml
11) T n-Heneicosane (C21)	13.154	7716493	54.298 ug/ml
13) T n-Docosane (C22)	13.735	7557645	53.190 ug/ml
14) T n-Tetracosane (C24)	14.832	8314380	57.916 ug/ml
15) T n-Hexacosane (C26)	15.845	7106118	49.694 ug/ml
16) T n-Octacosane (C28)	16.786	8123696	57.307 ug/ml
17) T n-Tricontane (C30)	17.671	7023016	50.076 ug/ml
18) T n-Dotriacontane (C32)	18.495	6891659	51.881 ug/ml
19) T n-Tetratriacontane (C34)	19.275	6108493	48.890 ug/ml
20) T n-Hexatriacontane (C36)	20.009	5051345	43.703 ug/mlm
21) T n-Octatriacontane (C38)	20.730	4408423	41.420 ug/ml
22) T n-Tetracontane (C40)	21.607	4388773	41.975 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : K5324-01MSD
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ALS Vial : 22 Sample Multiplier: 1

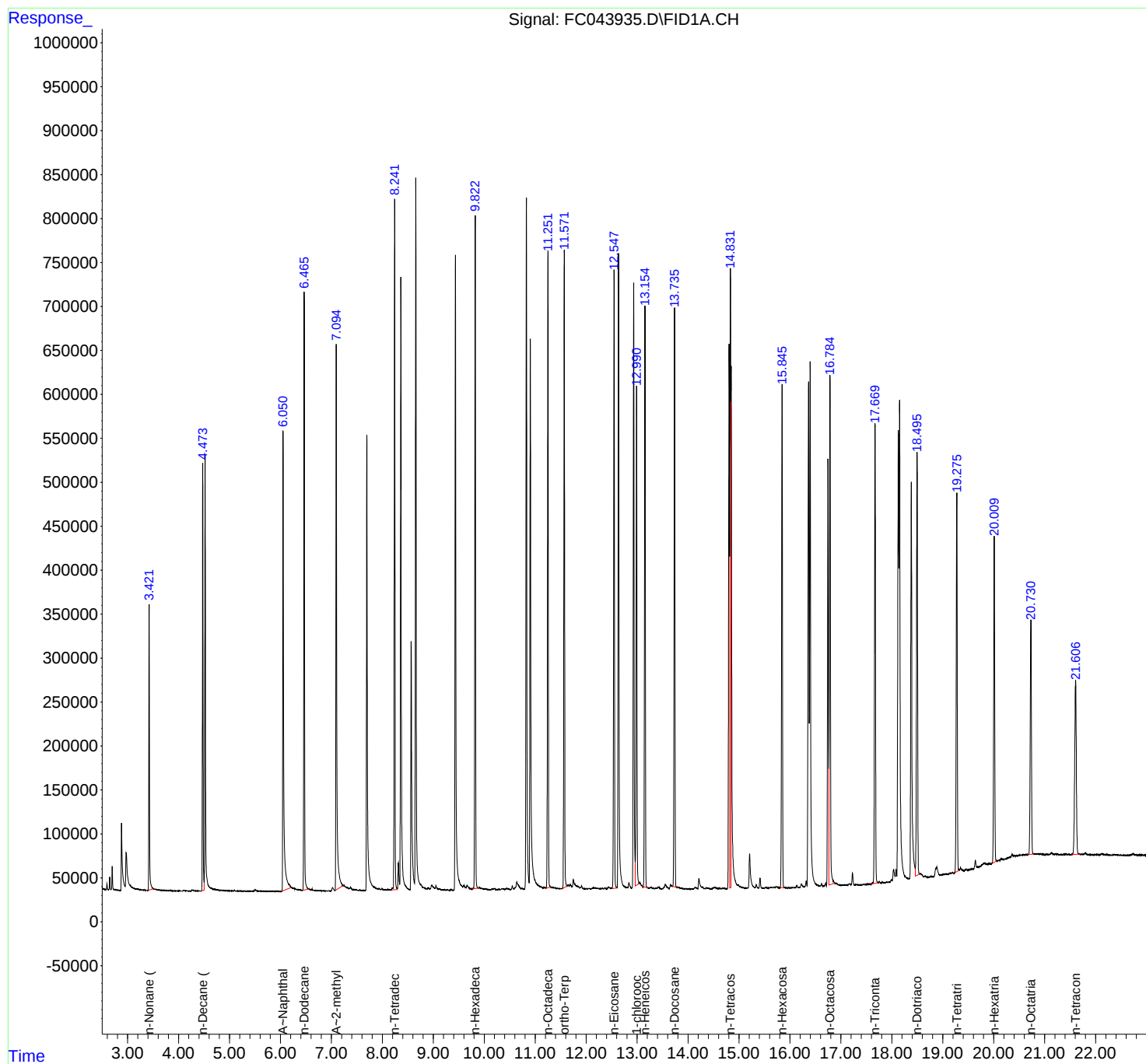
Instrument :
FID_C
ClientSampled :
SOIL-PILEMSD

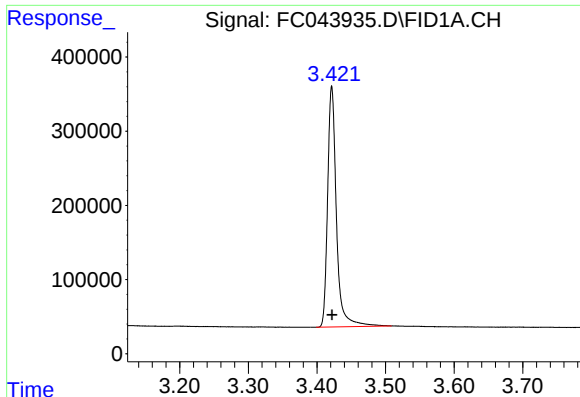
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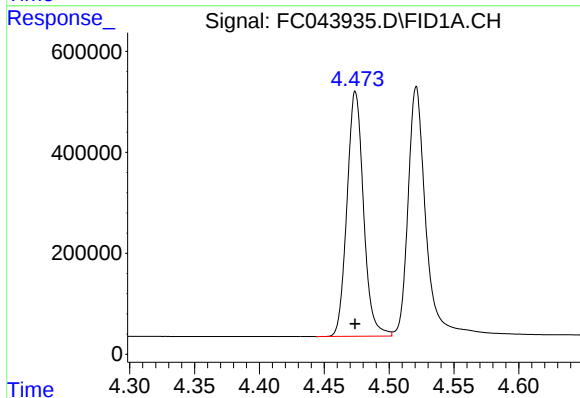
#1 n-Nonane (C9)

R.T.: 3.422 min
Delta R.T.: 0.000 min
Response: 2900556
Conc: 23.99 ug/ml

Instrument :
FID_C
ClientSampleId :
SOIL-PILEMSD

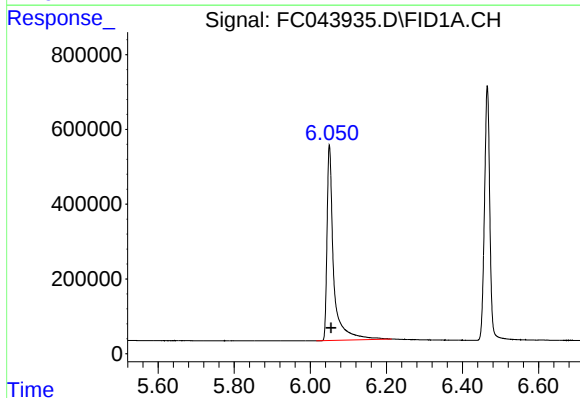
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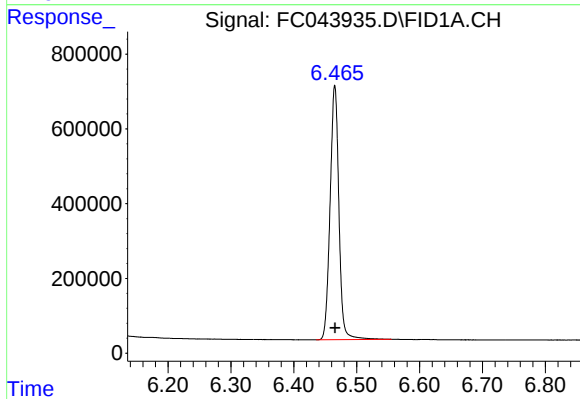
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 4308073
Conc: 35.59 ug/ml



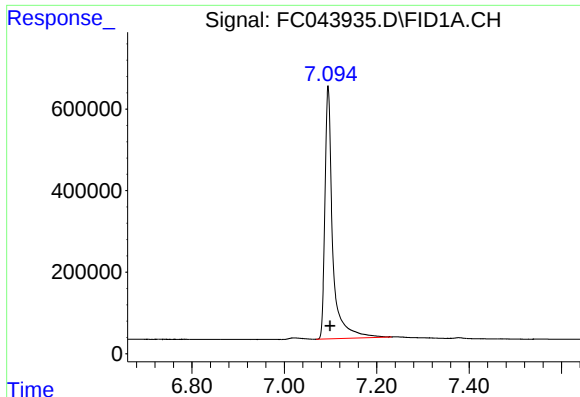
#3 A~Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: -0.004 min
Response: 6366924
Conc: 54.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.465 min
Delta R.T.: 0.000 min
Response: 6607068
Conc: 52.24 ug/ml



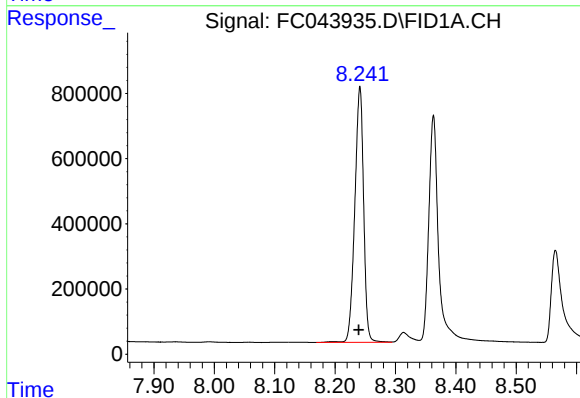
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.095 min
Delta R.T.: -0.005 min
Response: 7263372
Conc: 60.28 ug/ml

Instrument :
FID_C
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SOIL-PILEMSD

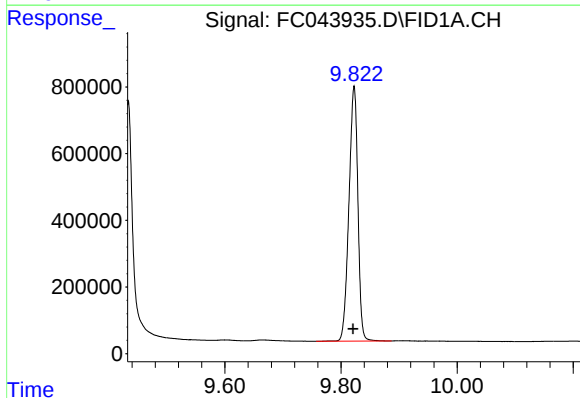
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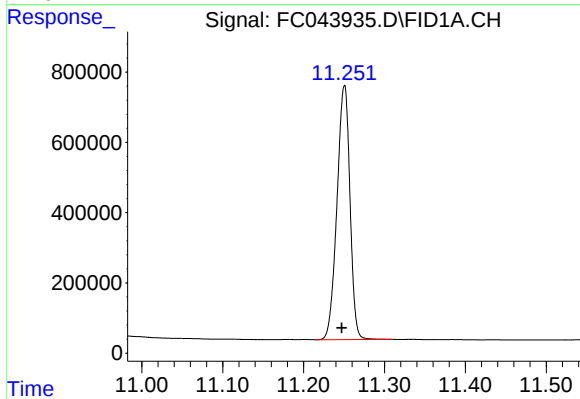
#6 n-Tetradecane (C14)

R.T.: 8.241 min
Delta R.T.: 0.002 min
Response: 7979477
Conc: 61.99 ug/ml



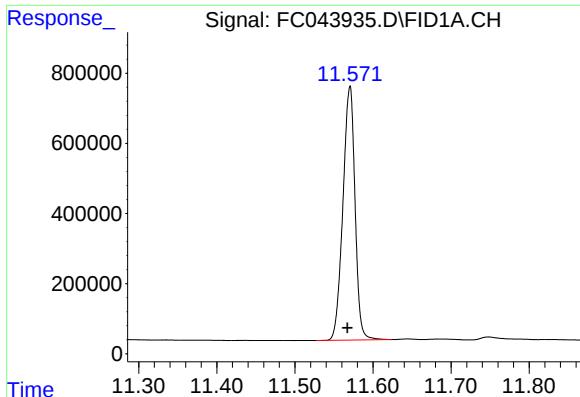
#7 n-Hexadecane (C16)

R.T.: 9.823 min
Delta R.T.: 0.002 min
Response: 8181844
Conc: 62.14 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.251 min
Delta R.T.: 0.003 min
Response: 8072496
Conc: 59.19 ug/ml



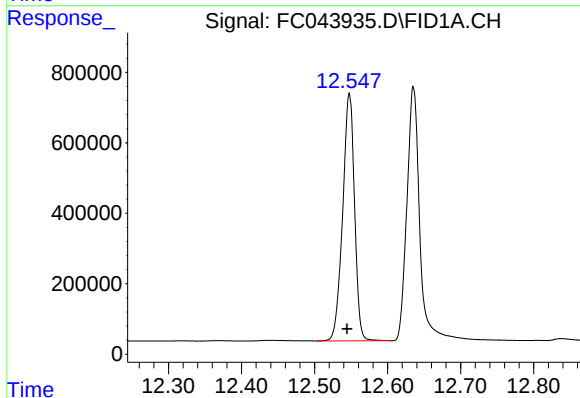
#9 ortho-Terphenyl (SURR)

R.T.: 11.570 min
Delta R.T.: 0.003 min
Response: 7812442
Conc: 51.47 ug/ml

Instrument :
FID_C
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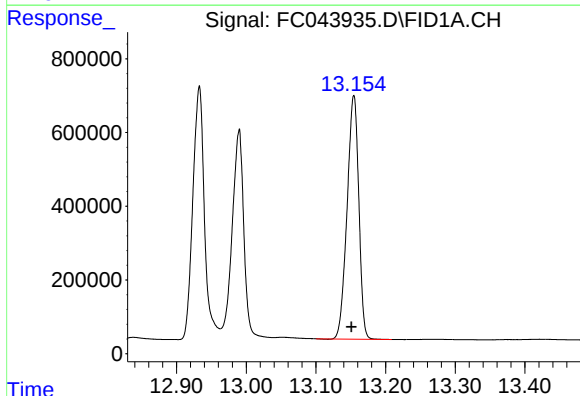
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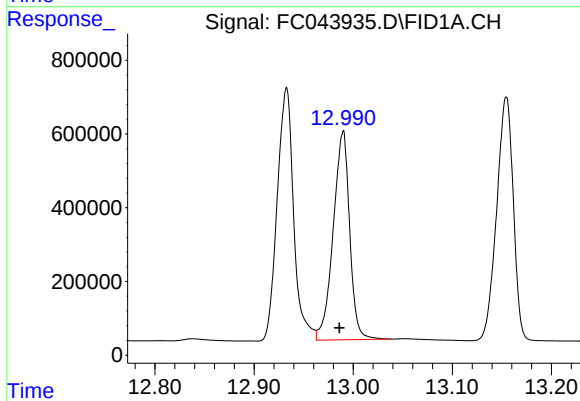
#10 n-Eicosane (C20)

R.T.: 12.548 min
Delta R.T.: 0.003 min
Response: 7932701
Conc: 56.83 ug/ml



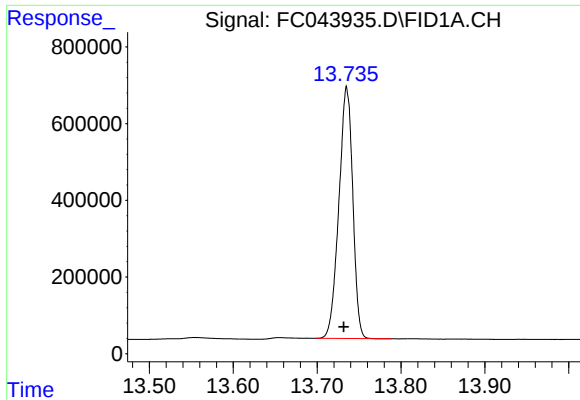
#11 n-Heneicosane (C21)

R.T.: 13.154 min
Delta R.T.: 0.004 min
Response: 7716493
Conc: 54.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.990 min
Delta R.T.: 0.004 min
Response: 6539043
Conc: 55.15 ug/ml



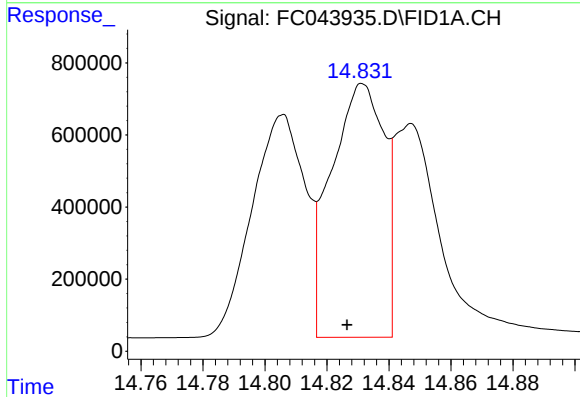
#13 n-Docosane (C22)

R.T.: 13.735 min
Delta R.T.: 0.004 min
Response: 7557645
Conc: 53.19 ug/ml

Instrument :
FID_C
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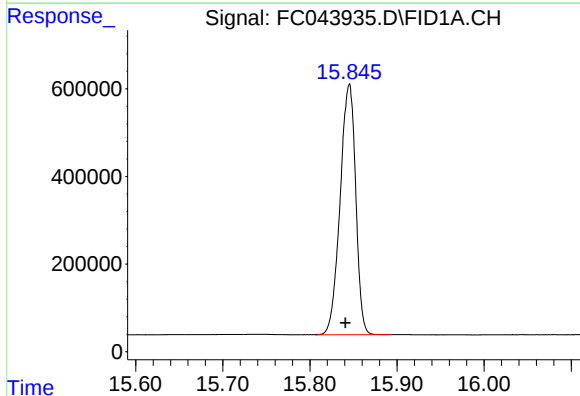
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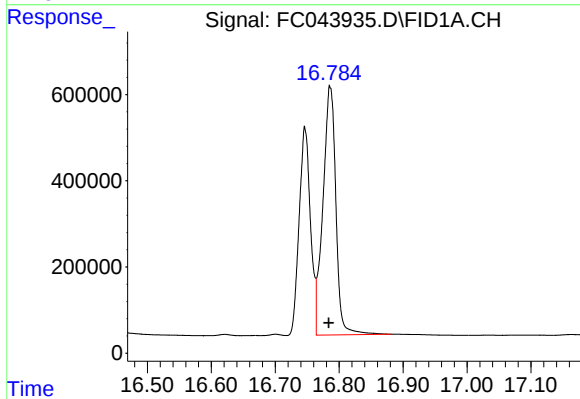
#14 n-Tetracosane (C24)

R.T.: 14.832 min
Delta R.T.: 0.005 min
Response: 8314380
Conc: 57.92 ug/ml



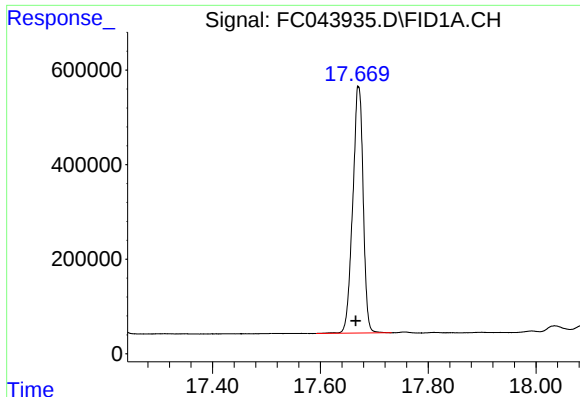
#15 n-Hexacosane (C26)

R.T.: 15.845 min
Delta R.T.: 0.005 min
Response: 7106118
Conc: 49.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.786 min
Delta R.T.: 0.002 min
Response: 8123696
Conc: 57.31 ug/ml



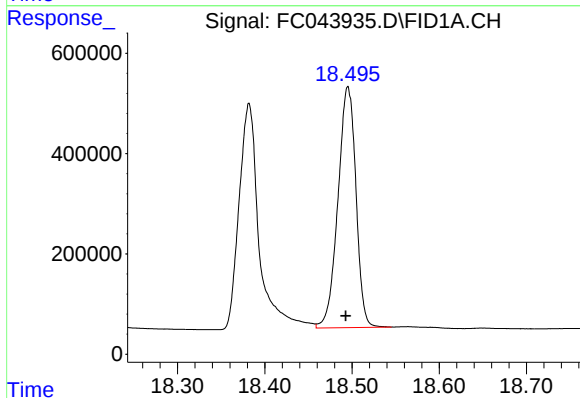
#17 n-Tricontane (C30)

R.T.: 17.671 min
Delta R.T.: 0.005 min
Response: 7023016
Conc: 50.08 ug/ml

Instrument :
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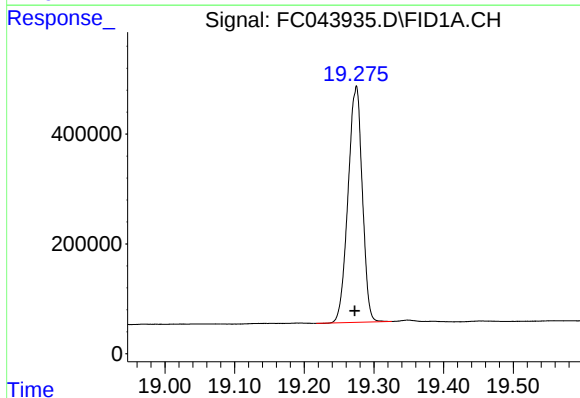
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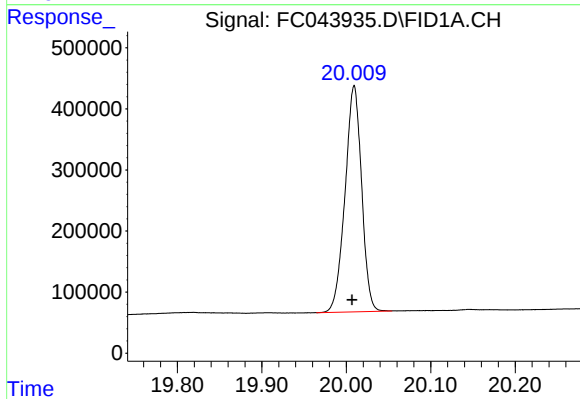
#18 n-Dotriacontane (C32)

R.T.: 18.495 min
Delta R.T.: 0.002 min
Response: 6891659
Conc: 51.88 ug/ml



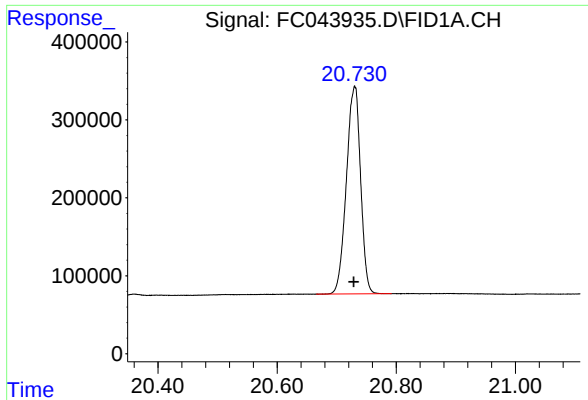
#19 n-Tetratriacontane (C34)

R.T.: 19.275 min
Delta R.T.: 0.002 min
Response: 6108493
Conc: 48.89 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.009 min
Delta R.T.: 0.002 min
Response: 5051345
Conc: 43.70 ug/ml m



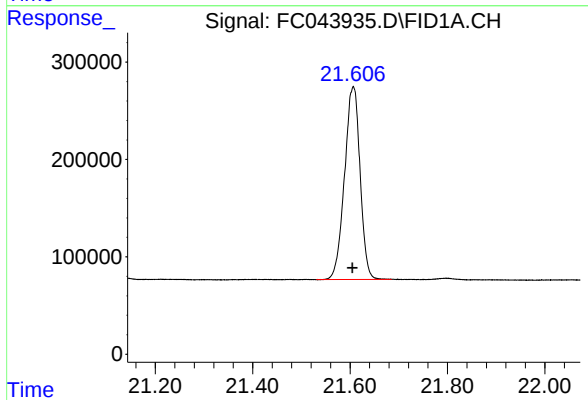
#21 n-Octatriacontane (C38)

R.T.: 20.730 min
Delta R.T.: 0.002 min
Response: 4408423
Conc: 41.42 ug/ml

Instrument :
FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.607 min
Delta R.T.: 0.002 min
Response: 4388773
Conc: 41.97 ug/ml