

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020620AL\
 Data File : FD032299.D
 Signal(s) : FID2B.CH
 Acq On : 06 Feb 2020 11:55
 Operator : DD\AJ
 Sample : L1161-02
 Misc : LOQ-5 PPM-SOIL
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2020

Manual Integrations
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 2/10/2020 11:39:46 AM

Integration File: autoint1.e
 Quant Time: Feb 07 05:59:27 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 020420.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 05 06:50:50 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

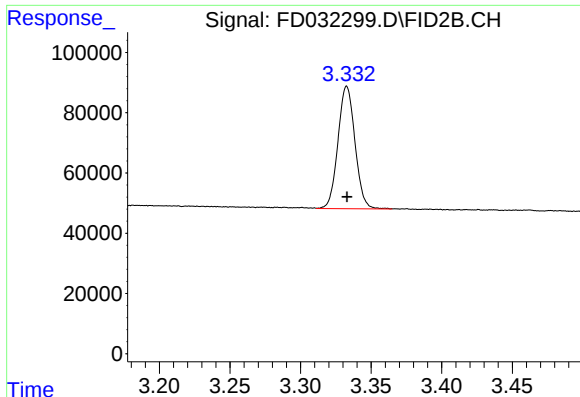
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.966	3642207	30.848 ug/ml
Spiked Amount 50.000		Recovery =	61.70%
Target Compounds			
1) T n-Nonane (C9)	3.332	341811	2.526 ug/mlm
2) T n-Decane (C10)	4.393	422842	3.122 ug/mlm
4) T n-Dodecane (C12)	6.401	515854	3.771 ug/mlm
6) T n-Tetradecane (C14)	8.187	520750	3.773 ug/mlm
7) T n-Hexadecane (C16)	9.780	509912	3.701 ug/mlm
8) T n-Octadecane (C18)	11.215	550037	3.976 ug/mlm
10) T n-Eicosane (C20)	12.519	570372	4.118 ug/mlm
11) T n-Heneicosane (C21)	13.129	570167	4.077 ug/mlm
13) T n-Docosane (C22)	13.713	596878	4.302 ug/mlm
14) T n-Tetracosane (C24)	14.810	589162	4.244 ug/mlm
15) T n-Hexacosane (C26)	15.828	583253	4.261 ug/mlm
16) T n-Octacosane (C28)	16.774	605212	4.514 ug/mlm
17) T n-Tricontane (C30)	17.658	618189	4.805 ug/mlm
18) T n-Dotriacontane (C32)	18.486	601655	5.404 ug/mlm
19) T n-Tetratriacontane (C34)	19.267	506654	5.481 ug/mlm
20) T n-Hexatriacontane (C36)	20.005	442115	5.006 ug/mlm
21) T n-Octatriacontane (C38)	20.722	361036	4.682 ug/mlm
22) T n-Tetracontane (C40)	21.591	500804	5.655 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.



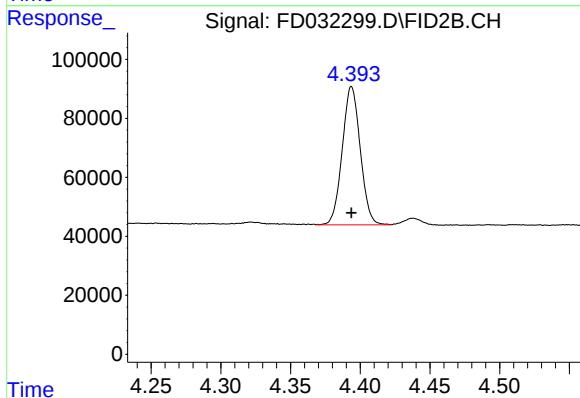
#1 n-Nonane (C9)

R.T.: 3.332 min
Delta R.T.: 0.000 min
Response: 341811
Conc: 2.53 ug/ml m

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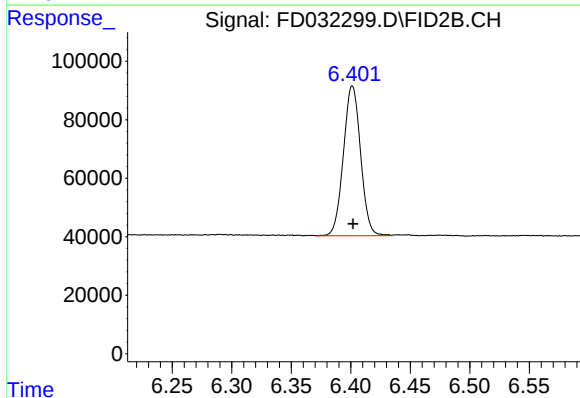
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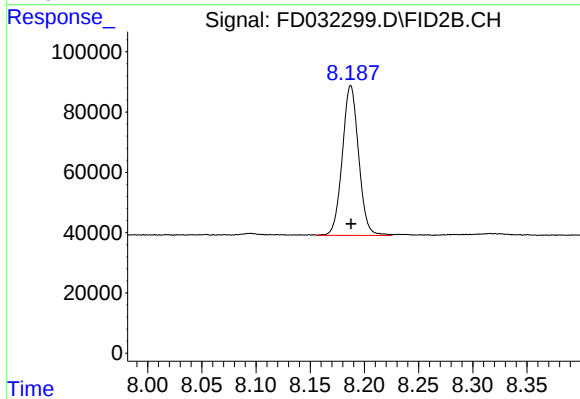
#2 n-Decane (C10)

R.T.: 4.393 min
Delta R.T.: 0.000 min
Response: 422842
Conc: 3.12 ug/ml m



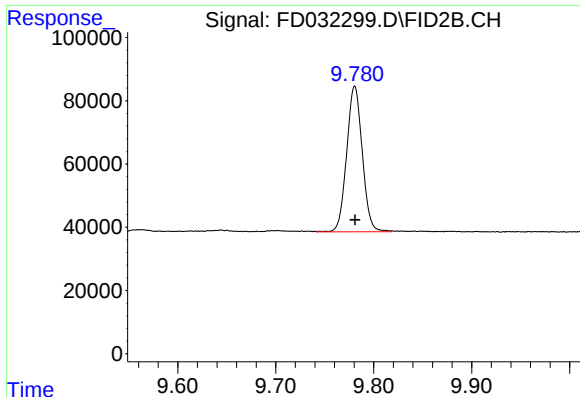
#4 n-Dodecane (C12)

R.T.: 6.401 min
Delta R.T.: -0.001 min
Response: 515854
Conc: 3.77 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.187 min
Delta R.T.: 0.000 min
Response: 520750
Conc: 3.77 ug/ml m



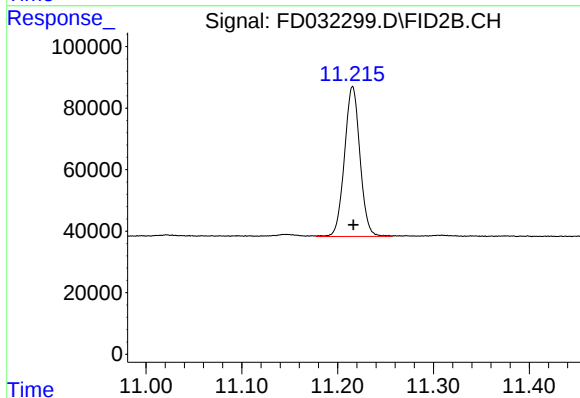
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: 0.000 min
Response: 509912
Conc: 3.70 ug/ml m

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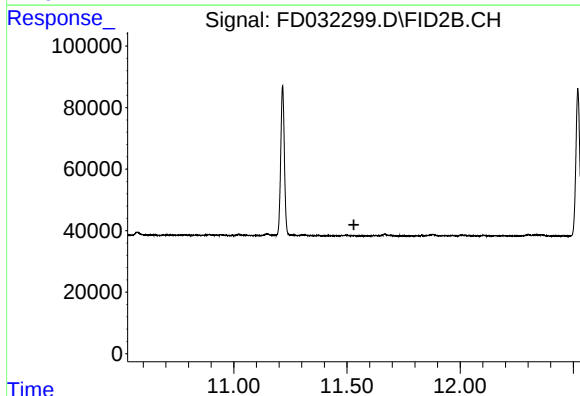
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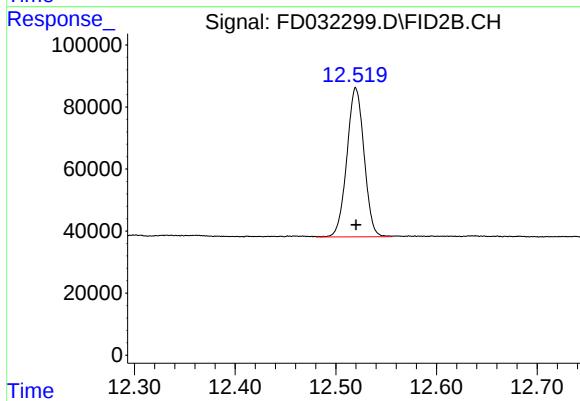
#8 n-Octadecane (C18)

R.T.: 11.215 min
Delta R.T.: 0.000 min
Response: 550037
Conc: 3.98 ug/ml m



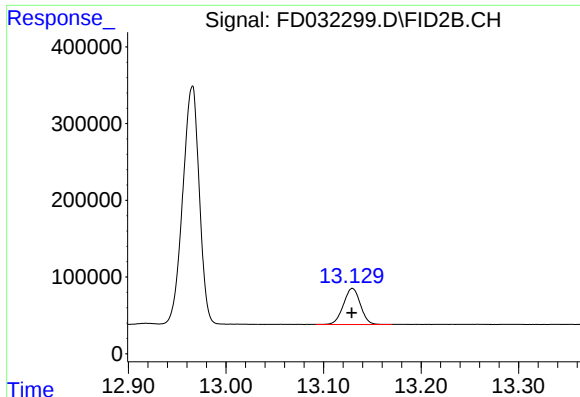
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.531 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.519 min
Delta R.T.: 0.000 min
Response: 570372
Conc: 4.12 ug/ml m



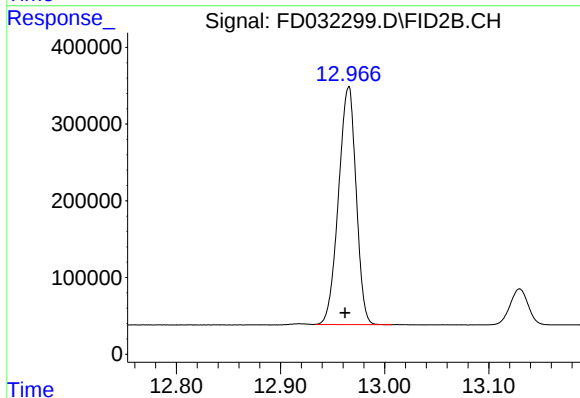
#11 n-Heneicosane (C21)

R.T.: 13.129 min
Delta R.T.: 0.000 min
Response: 570167
Conc: 4.08 ug/ml m

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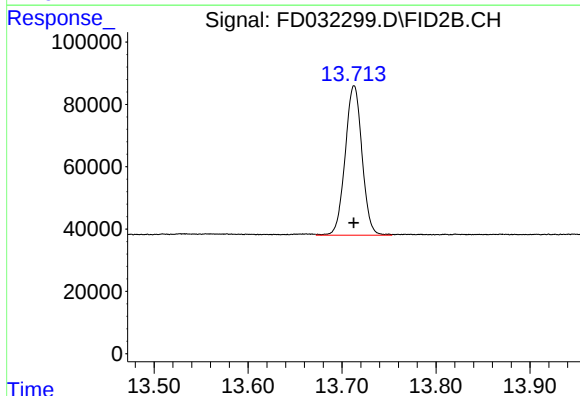
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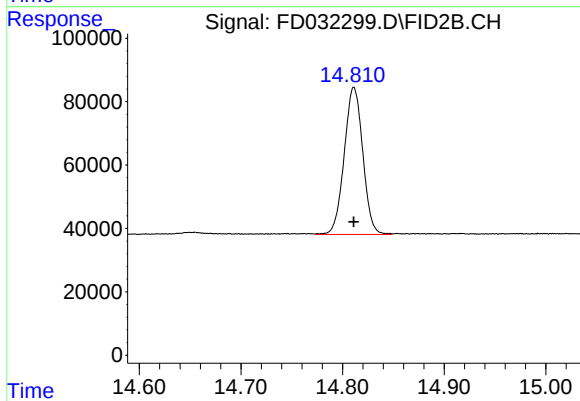
#12 1-chlorooctadecane (SURR)

R.T.: 12.966 min
Delta R.T.: 0.003 min
Response: 3642207
Conc: 30.85 ug/ml



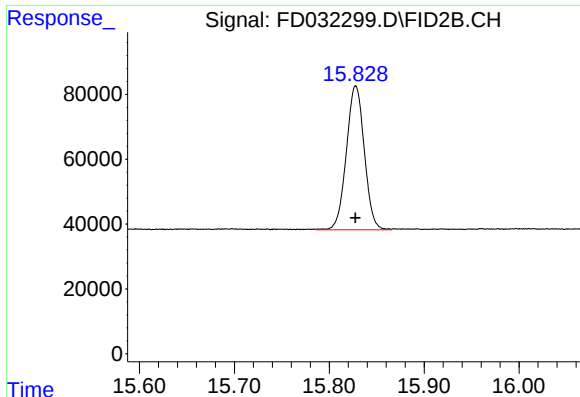
#13 n-Docosane (C22)

R.T.: 13.713 min
Delta R.T.: 0.000 min
Response: 596878
Conc: 4.30 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.810 min
Delta R.T.: 0.000 min
Response: 589162
Conc: 4.24 ug/ml m



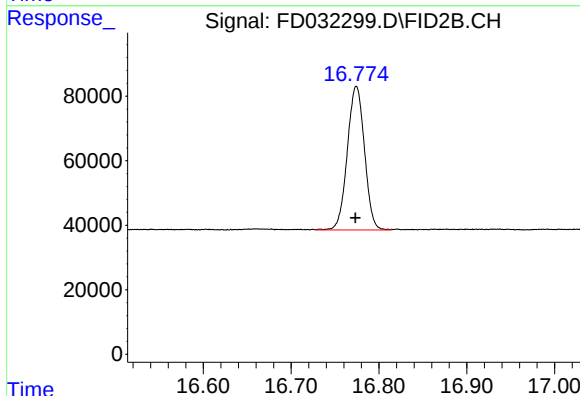
#15 n-Hexacosane (C26)

R.T.: 15.828 min
Delta R.T.: 0.000 min
Response: 583253
Conc: 4.26 ug/ml m

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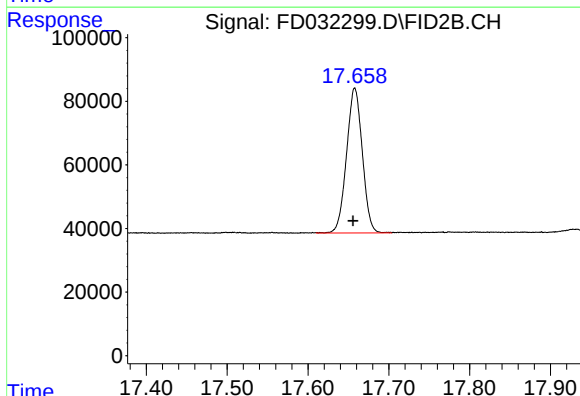
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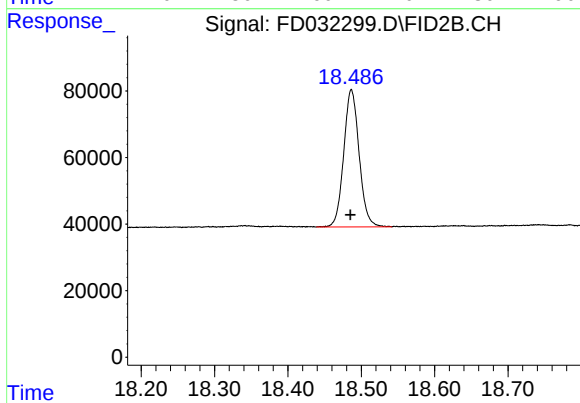
#16 n-Octacosane (C28)

R.T.: 16.774 min
Delta R.T.: 0.001 min
Response: 605212
Conc: 4.51 ug/ml m



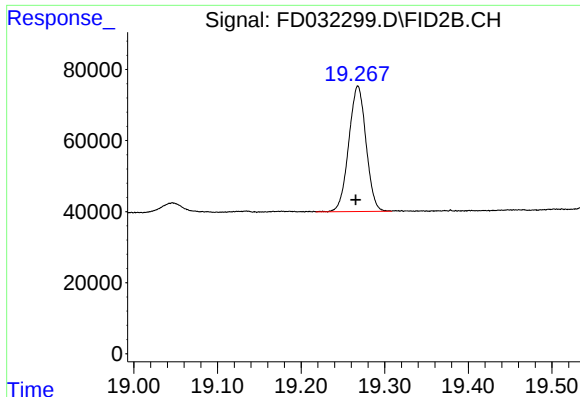
#17 n-Tricontane (C30)

R.T.: 17.658 min
Delta R.T.: 0.002 min
Response: 618189
Conc: 4.80 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.486 min
Delta R.T.: 0.000 min
Response: 601655
Conc: 5.40 ug/ml m



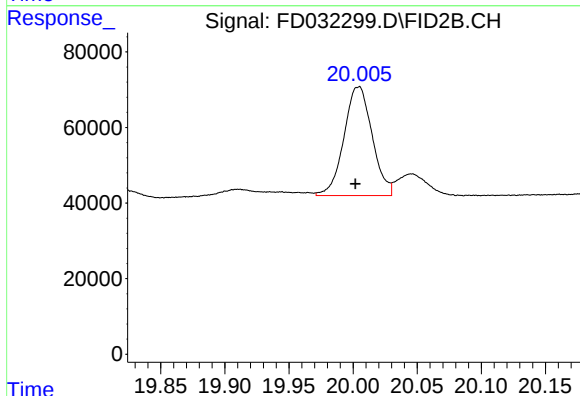
#19 n-Tetratriacontane (C34)

R.T.: 19.267 min
Delta R.T.: 0.002 min
Response: 506654
Conc: 5.48 ug/ml m

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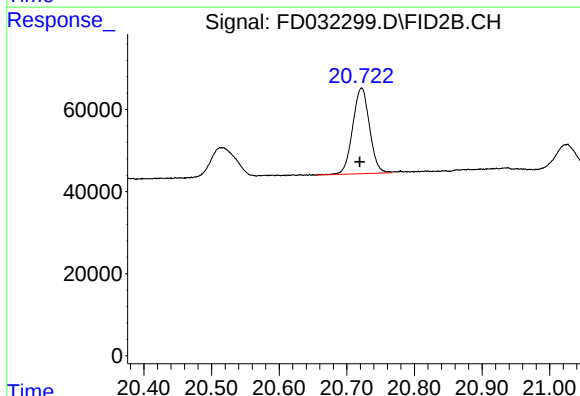
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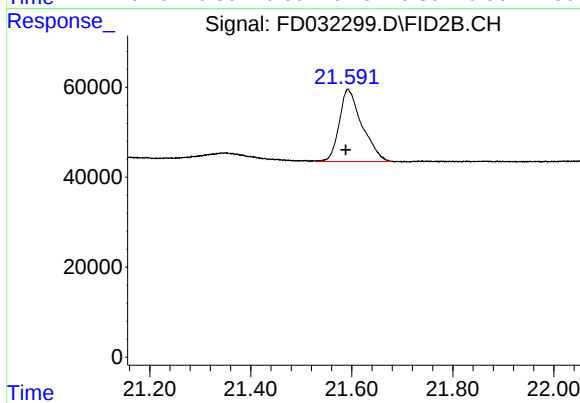
#20 n-Hexatriacontane (C36)

R.T.: 20.005 min
Delta R.T.: 0.003 min
Response: 442115
Conc: 5.01 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.722 min
Delta R.T.: 0.003 min
Response: 361036
Conc: 4.68 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.591 min
Delta R.T.: 0.003 min
Response: 500804
Conc: 5.65 ug/ml m