

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060524AL\
 Data File : FC066533.D
 Signal(s) : FID1A.ch
 Acq On : 05 Jun 2024 12:31
 Operator : YP/AJ
 Sample : EPH CARTRIDGES #2
 Misc : E3757
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 EPH CARTRIDGES #2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/06/2024
 Supervised By :Ankita Jodhani 06/06/2024

Integration File: autoint1.e
 Quant Time: Jun 06 04:42:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:26:07 2024
 Response via : Initial Calibration
 Integrator: ChemStation

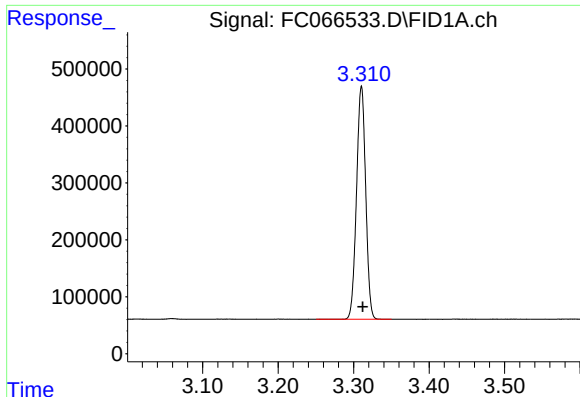
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.996	4662305	40.801 ug/ml
Spiked Amount 50.000		Recovery =	81.60%
Target Compounds			
1) T n-Nonane (C9)	3.310	3449966	24.651 ug/ml
2) T n-Decane (C10)	4.379	4332924	30.114 ug/ml
4) T n-Dodecane (C12)	6.400	4761948	33.070 ug/ml
6) T n-Tetradecane (C14)	8.197	5415801	38.363 ug/ml
7) T n-Hexadecane (C16)	9.799	6143206	42.746 ug/ml
8) T n-Octadecane (C18)	11.243	6787766	47.432 ug/ml
10) T n-Eicosane (C20)	12.553	7028119	51.653 ug/ml
11) T n-Heneicosane (C21)	13.165	6804582	51.046 ug/ml
13) T n-Docosane (C22)	13.752	6768564	51.355 ug/ml
14) T n-Tetracosane (C24)	14.853	6663890	51.191 ug/ml
15) T n-Hexacosane (C26)	15.875	6490546	51.034 ug/ml
16) T n-Octacosane (C28)	16.824	6305408	50.789 ug/ml
17) T n-Tricontane (C30)	17.712	6267399	49.731 ug/ml
18) T n-Dotriacontane (C32)	18.545	6198994	50.366 ug/ml
19) T n-Tetratriacontane (C34)	19.329	6133868	51.148 ug/ml
20) T n-Hexatriacontane (C36)	20.068	6157814	50.826 ug/ml
21) T n-Octatriacontane (C38)	20.803	5955200	51.479 ug/ml
22) T n-Tetracontane (C40)	21.712	5695070	46.492 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



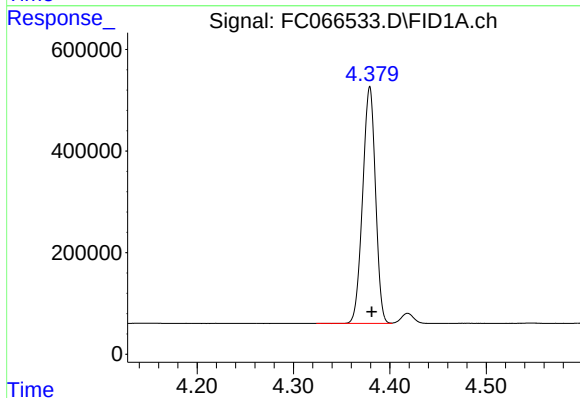
#1 n-Nonane (C9)

R.T.: 3.310 min
Delta R.T.: -0.002 min
Response: 3449966
Conc: 24.65 ug/ml

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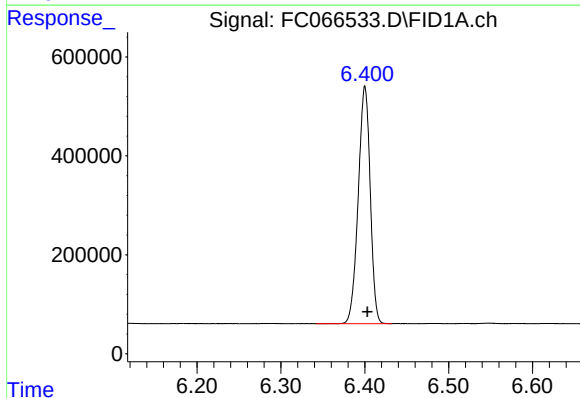
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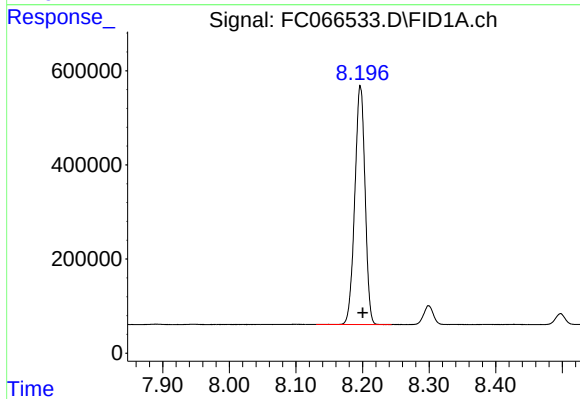
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: -0.002 min
Response: 4332924
Conc: 30.11 ug/ml



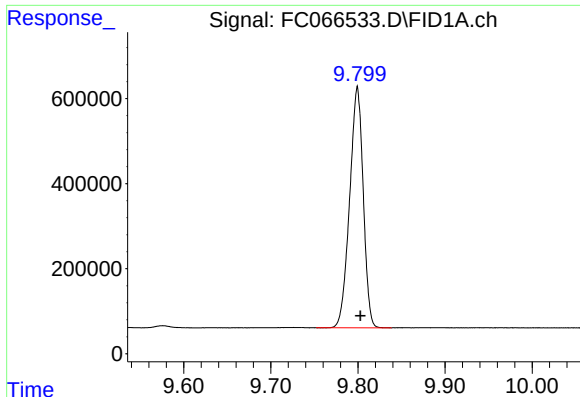
#4 n-Dodecane (C12)

R.T.: 6.400 min
Delta R.T.: -0.003 min
Response: 4761948
Conc: 33.07 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.197 min
Delta R.T.: -0.004 min
Response: 5415801
Conc: 38.36 ug/ml



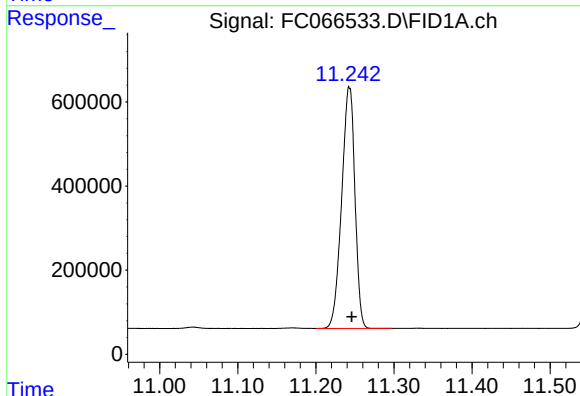
#7 n-Hexadecane (C16)

R.T.: 9.799 min
Delta R.T.: -0.003 min
Response: 6143206
Conc: 42.75 ug/ml

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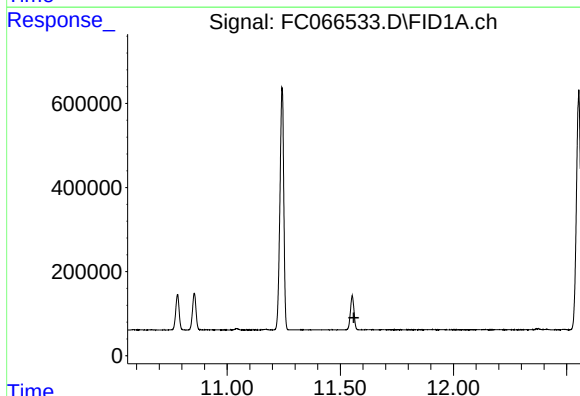
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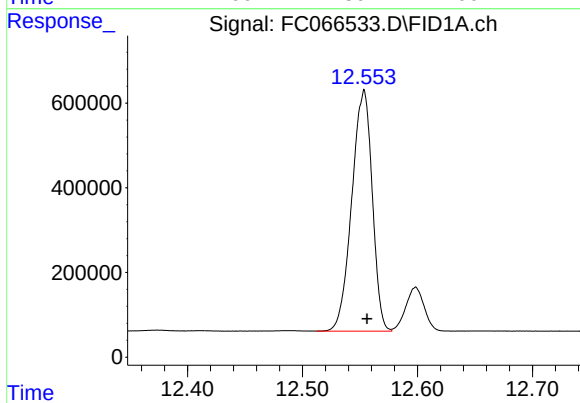
#8 n-Octadecane (C18)

R.T.: 11.243 min
Delta R.T.: -0.003 min
Response: 6787766
Conc: 47.43 ug/ml



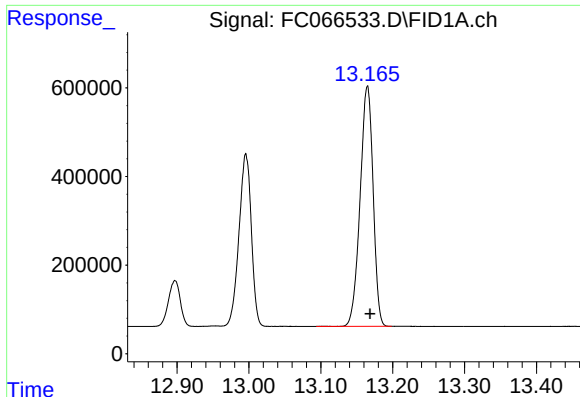
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.560 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.553 min
Delta R.T.: -0.003 min
Response: 7028119
Conc: 51.65 ug/ml



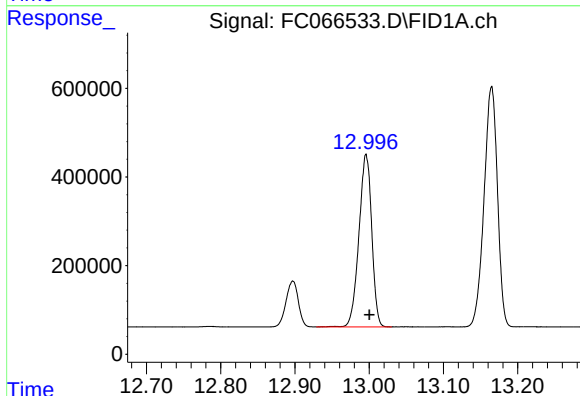
#11 n-Heneicosane (C21)

R.T.: 13.165 min
Delta R.T.: -0.004 min
Response: 6804582
Conc: 51.05 ug/ml

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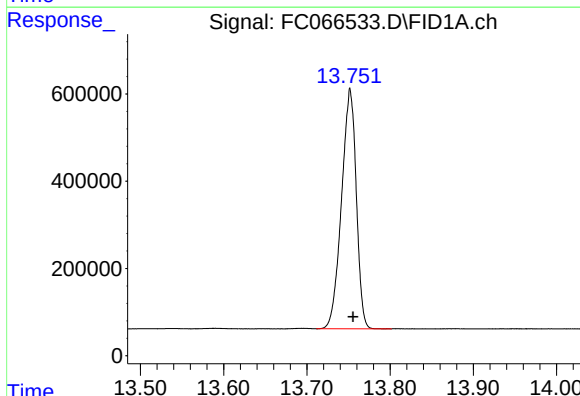
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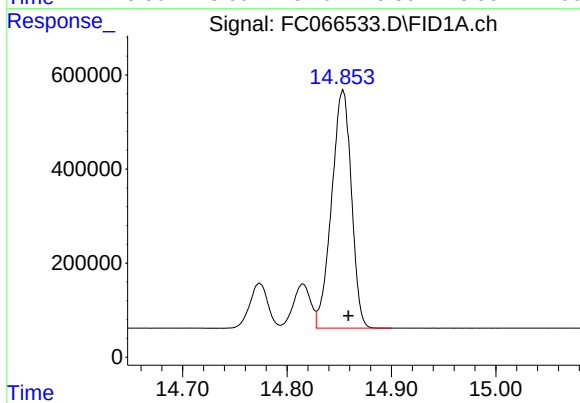
#12 1-chlorooctadecane (SURR)

R.T.: 12.996 min
Delta R.T.: -0.004 min
Response: 4662305
Conc: 40.80 ug/ml



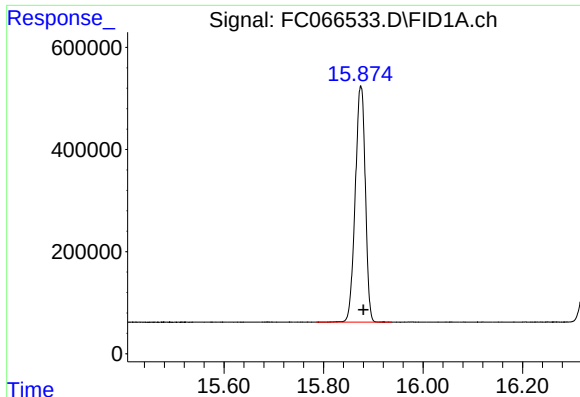
#13 n-Docosane (C22)

R.T.: 13.752 min
Delta R.T.: -0.004 min
Response: 6768564
Conc: 51.36 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.853 min
Delta R.T.: -0.005 min
Response: 6663890
Conc: 51.19 ug/ml



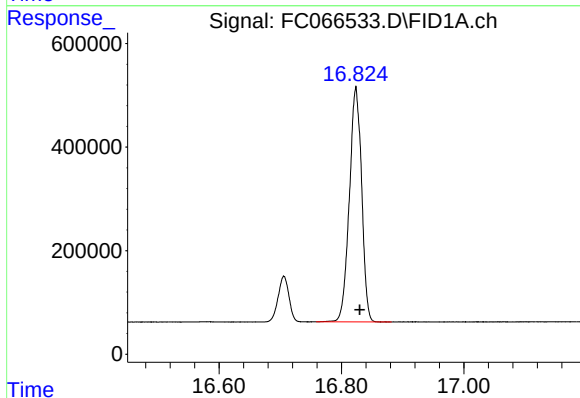
#15 n-Hexacosane (C26)

R.T.: 15.875 min
Delta R.T.: -0.005 min
Response: 6490546
Conc: 51.03 ug/ml

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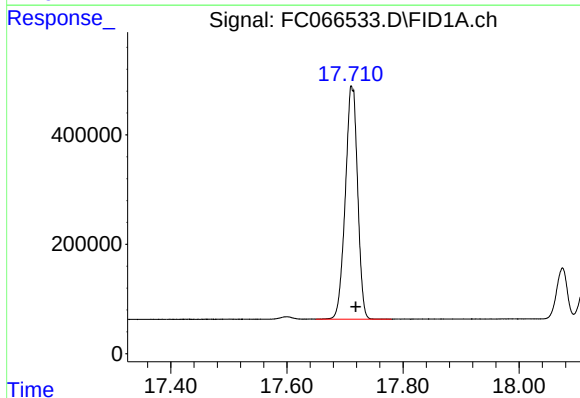
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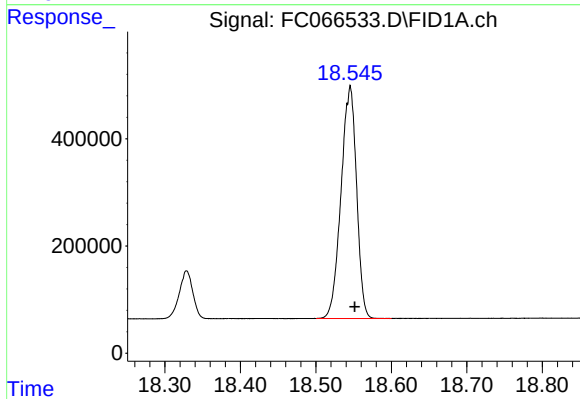
#16 n-Octacosane (C28)

R.T.: 16.824 min
Delta R.T.: -0.006 min
Response: 6305408
Conc: 50.79 ug/ml



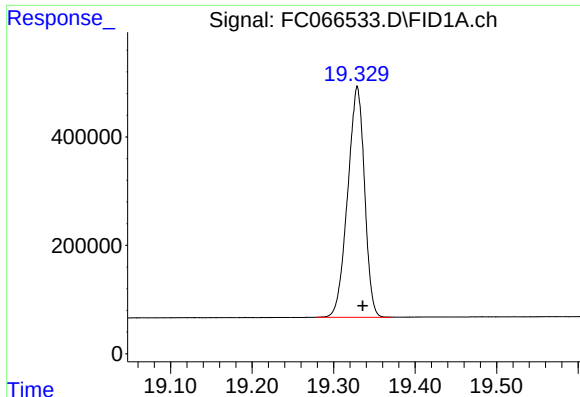
#17 n-Tricontane (C30)

R.T.: 17.712 min
Delta R.T.: -0.007 min
Response: 6267399
Conc: 49.73 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: -0.007 min
Response: 6198994
Conc: 50.37 ug/ml



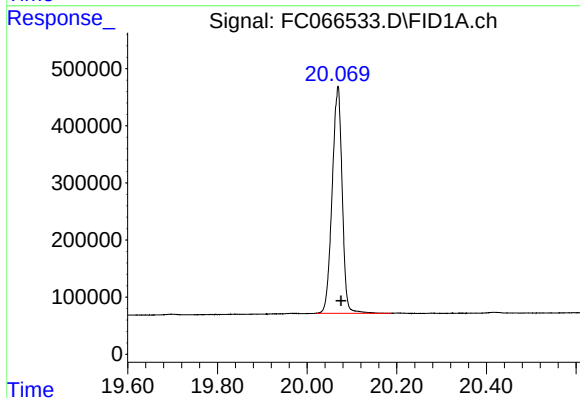
#19 n-Tetratriacontane (C34)

R.T.: 19.329 min
Delta R.T.: -0.007 min
Response: 6133868
Conc: 51.15 ug/ml

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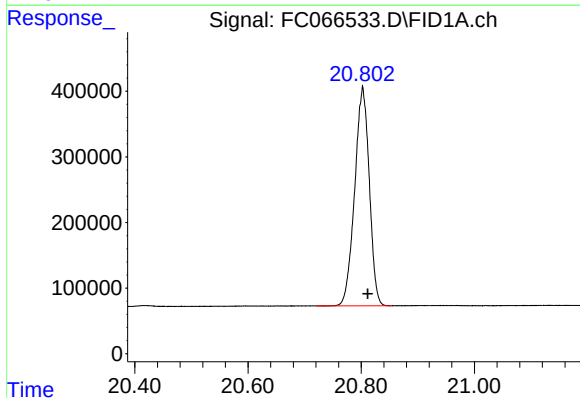
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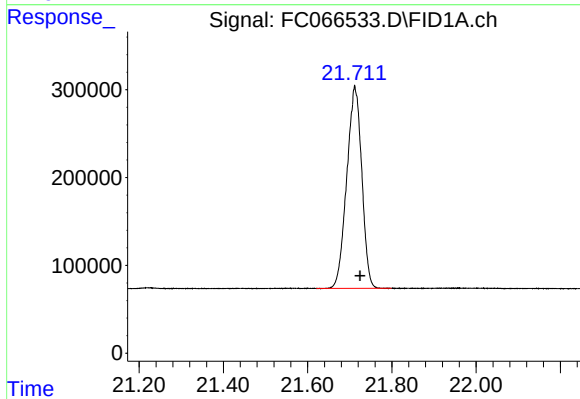
#20 n-Hexatriacontane (C36)

R.T.: 20.068 min
Delta R.T.: -0.007 min
Response: 6157814
Conc: 50.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.803 min
Delta R.T.: -0.009 min
Response: 5955200
Conc: 51.48 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.712 min
Delta R.T.: -0.012 min
Response: 5695070
Conc: 46.49 ug/ml