

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F111324AL\
 Data File : FC067741.D
 Signal(s) : FID1A.ch
 Acq On : 13 Nov 2024 19:41
 Operator : YP/AJ
 Sample : P4768-07MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 B-6-3MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/14/2024
 Supervised By :Ankita Jodhani 11/14/2024

Integration File: autoint1.e
 Quant Time: Nov 14 01:18:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 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...	12.927	4856483	44.972 ug/ml
Spiked Amount 50.000		Recovery =	89.94%
Target Compounds			
1) T n-Nonane (C9)	3.270	3735391	27.727 ug/ml
2) T n-Decane (C10)	4.334	4584134	33.646 ug/ml
4) T n-Dodecane (C12)	6.349	5229949	38.614 ug/ml
6) T n-Tetradecane (C14)	8.141	5907914	45.009 ug/ml
7) T n-Hexadecane (C16)	9.740	6440329	48.752 ug/ml
8) T n-Octadecane (C18)	11.178	6700753	50.720 ug/ml
10) T n-Eicosane (C20)	12.487	6752745	53.518 ug/ml
11) T n-Heneicosane (C21)	13.097	6469024	52.417 ug/ml
13) T n-Docosane (C22)	13.681	6453922	52.707 ug/ml
14) T n-Tetracosane (C24)	14.782	6335974	52.273 ug/mlm
15) T n-Hexacosane (C26)	15.802	6242433	52.433 ug/mlm
16) T n-Octacosane (C28)	16.748	6198601	52.688 ug/mlm
17) T n-Tricontane (C30)	17.636	6281205	51.966 ug/ml
18) T n-Dotriacontane (C32)	18.468	6135748	51.857 ug/ml
19) T n-Tetratriacontane (C34)	19.249	6302075	60.176 ug/ml
20) T n-Hexatriacontane (C36)	19.987	5918048	65.014 ug/mlm
21) T n-Octatriacontane (C38)	20.711	5870180	67.783 ug/mlm
22) T n-Tetracontane (C40)	21.594	5726090	67.357 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 17 Sample Multiplier: 1

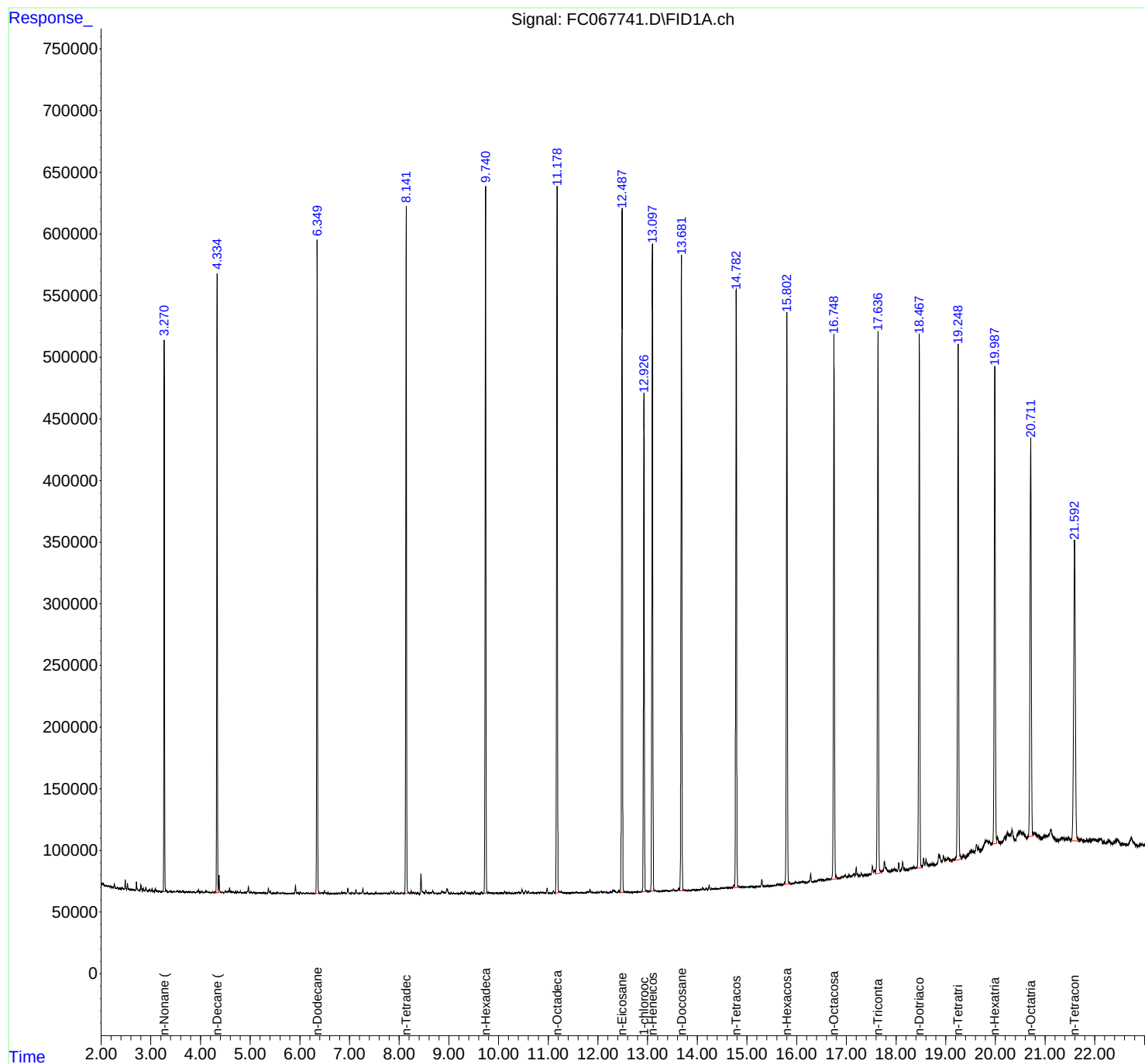
Instrument :
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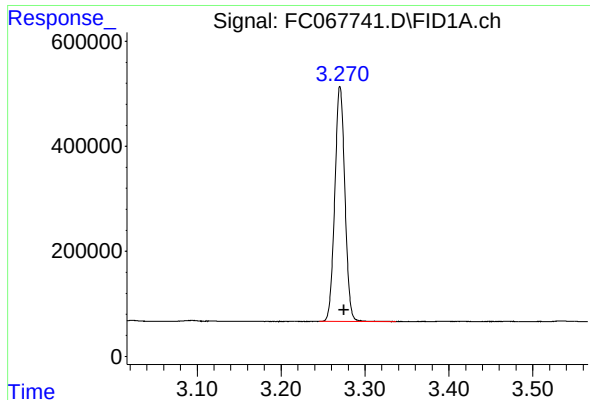
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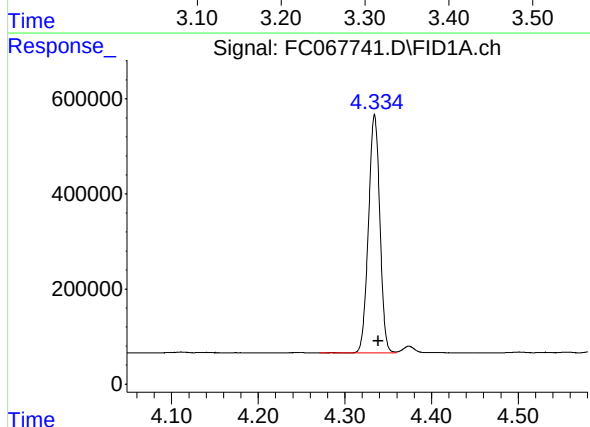
#1 n-Nonane (C9)

R.T.: 3.270 min
Delta R.T.: -0.005 min
Response: 3735391
Conc: 27.73 ug/ml

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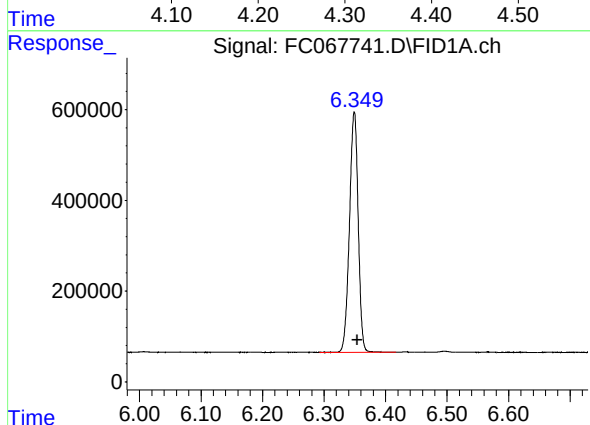
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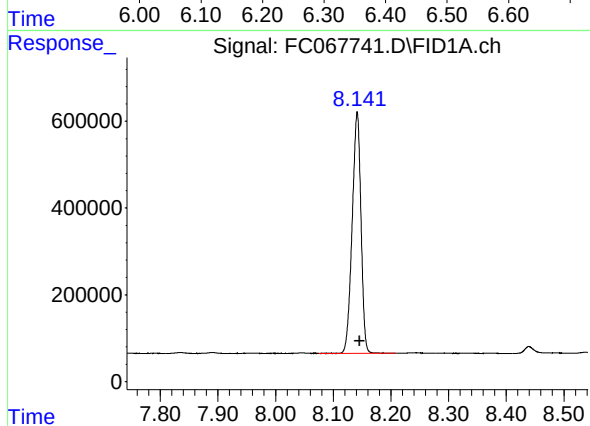
#2 n-Decane (C10)

R.T.: 4.334 min
Delta R.T.: -0.004 min
Response: 4584134
Conc: 33.65 ug/ml



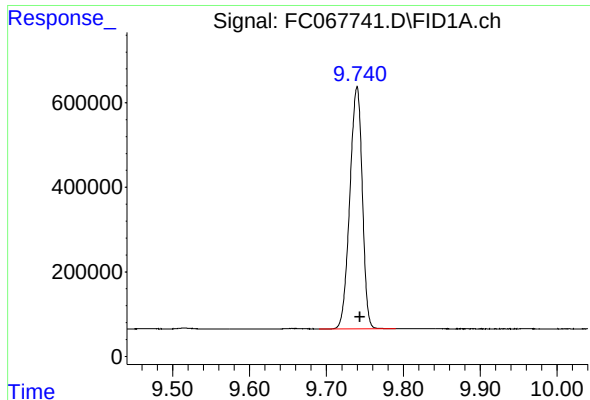
#4 n-Dodecane (C12)

R.T.: 6.349 min
Delta R.T.: -0.005 min
Response: 5229949
Conc: 38.61 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.141 min
Delta R.T.: -0.005 min
Response: 5907914
Conc: 45.01 ug/ml



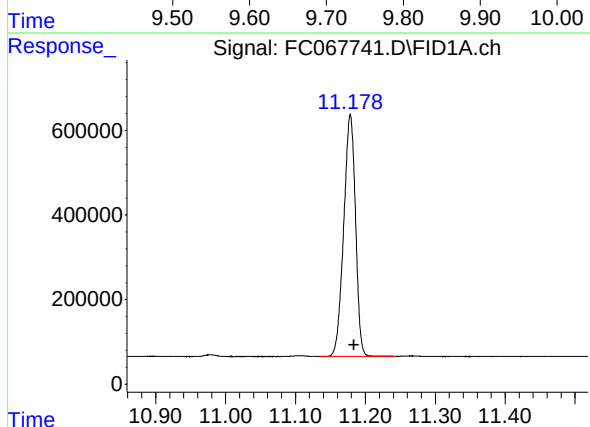
#7 n-Hexadecane (C16)

R.T.: 9.740 min
Delta R.T.: -0.004 min
Response: 6440329
Conc: 48.75 ug/ml

Instrument :
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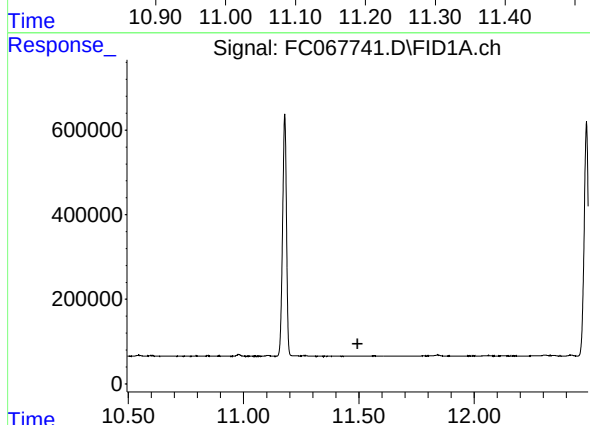
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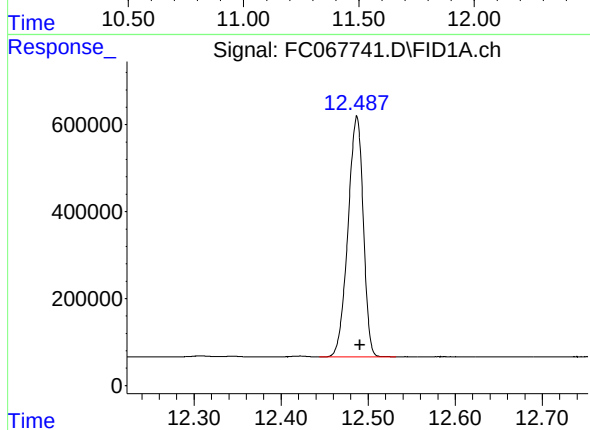
#8 n-Octadecane (C18)

R.T.: 11.178 min
Delta R.T.: -0.005 min
Response: 6700753
Conc: 50.72 ug/ml



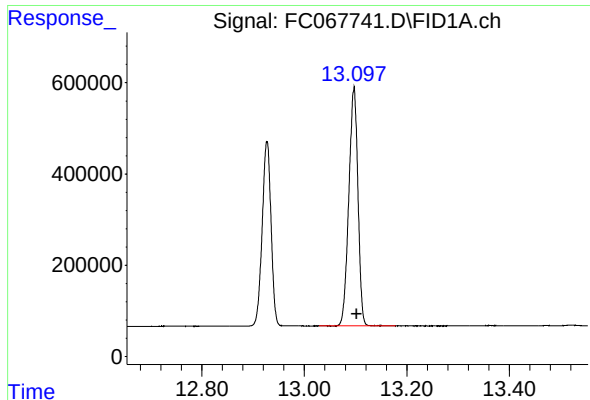
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.494 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.487 min
Delta R.T.: -0.004 min
Response: 6752745
Conc: 53.52 ug/ml



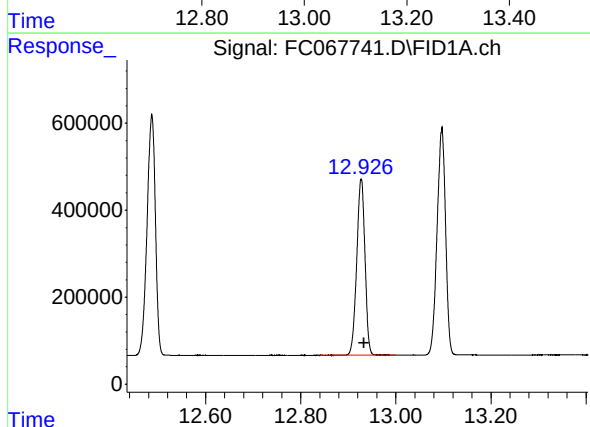
#11 n-Heneicosane (C21)

R.T.: 13.097 min
Delta R.T.: -0.005 min
Response: 6469024
Conc: 52.42 ug/ml

Instrument :
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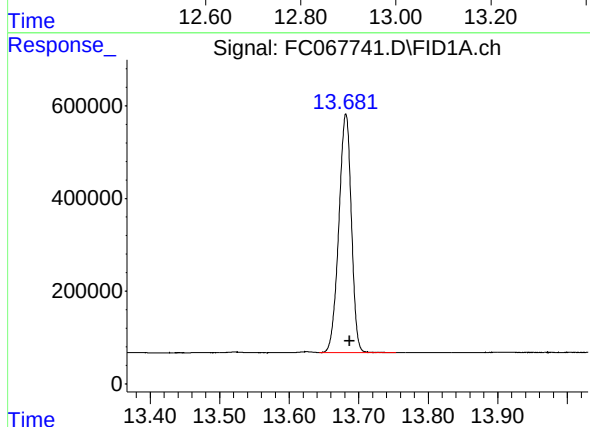
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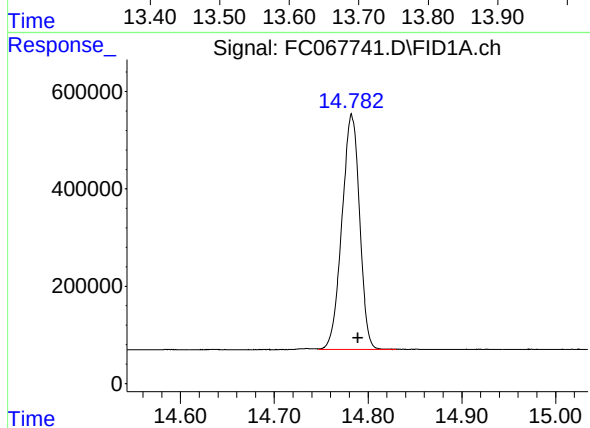
#12 1-chlorooctadecane (SURR)

R.T.: 12.927 min
Delta R.T.: -0.006 min
Response: 4856483
Conc: 44.97 ug/ml



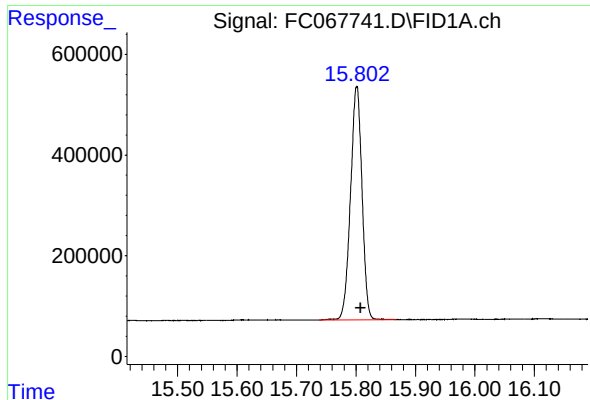
#13 n-Docosane (C22)

R.T.: 13.681 min
Delta R.T.: -0.006 min
Response: 6453922
Conc: 52.71 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.782 min
Delta R.T.: -0.007 min
Response: 6335974
Conc: 52.27 ug/ml m



#15 n-Hexacosane (C26)

R.T.: 15.802 min
Delta R.T.: -0.006 min
Response: 6242433
Conc: 52.43 ug/ml

Instrument :

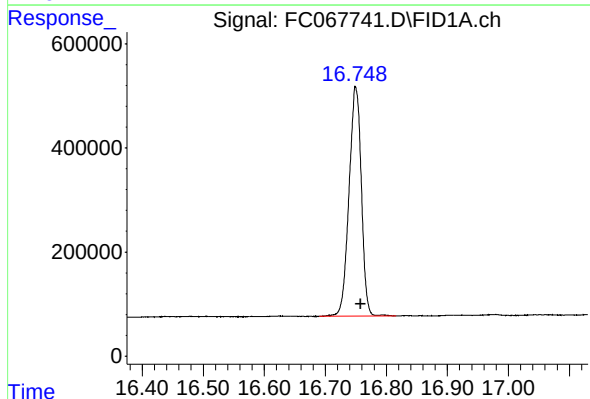
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ClientSampleId :

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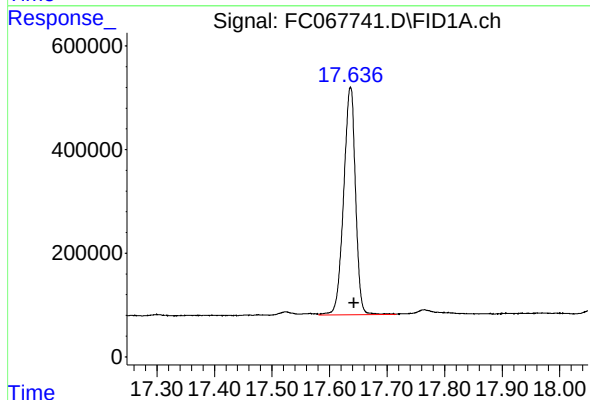
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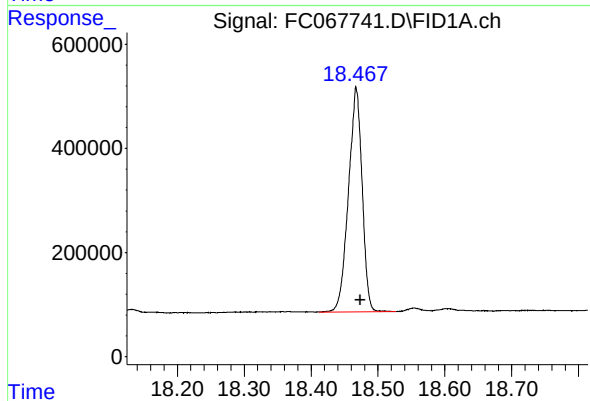
#16 n-Octacosane (C28)

R.T.: 16.748 min
Delta R.T.: -0.010 min
Response: 6198601
Conc: 52.69 ug/ml



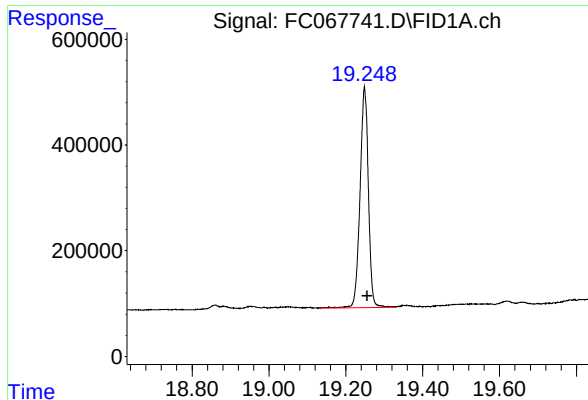
#17 n-Tricontane (C30)

R.T.: 17.636 min
Delta R.T.: -0.006 min
Response: 6281205
Conc: 51.97 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.468 min
Delta R.T.: -0.006 min
Response: 6135748
Conc: 51.86 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.249 min
Delta R.T.: -0.007 min
Response: 6302075
Conc: 60.18 ug/ml

Instrument :

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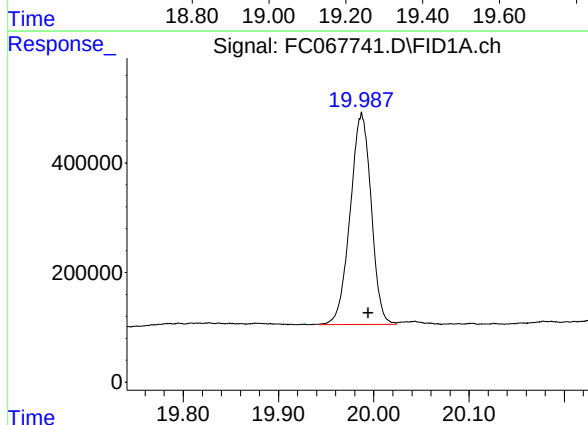
ClientSampleId :

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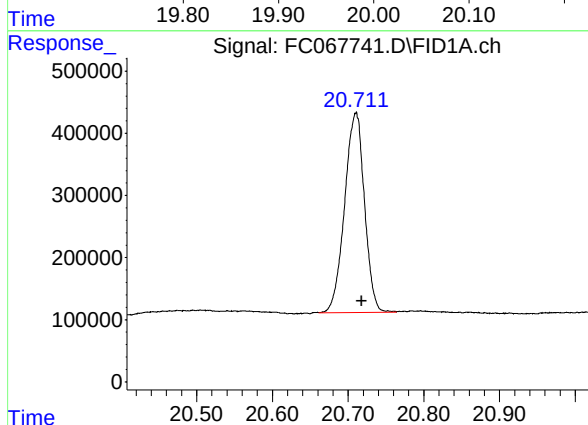
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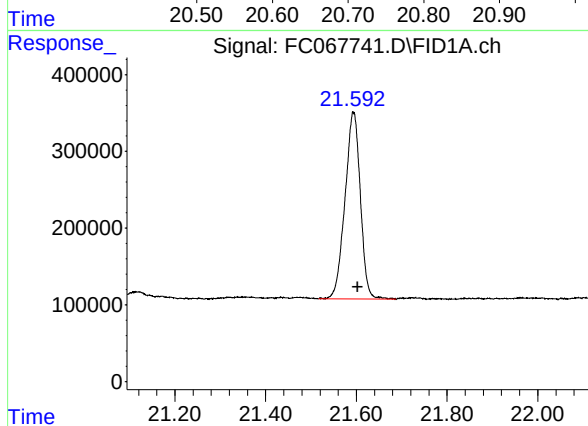
#20 n-Hexatriacontane (C36)

R.T.: 19.987 min
Delta R.T.: -0.007 min
Response: 5918048
Conc: 65.01 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.711 min
Delta R.T.: -0.007 min
Response: 5870180
Conc: 67.78 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.594 min
Delta R.T.: -0.010 min
Response: 5726090
Conc: 67.36 ug/ml