

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062322AL\
 Data File : FC060417.D
 Signal(s) : FID1A.CH
 Acq On : 23 Jun 2022 16:14
 Operator : UA/NP
 Sample : PB145777BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB145777BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2022
 Supervised By :Ankita Jodhani 06/24/2022

Integration File: autoint1.e
 Quant Time: Jun 24 01:20:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 2022
 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...	12.022	3088772	24.912 ug/ml
Spiked Amount 50.000		Recovery =	49.82%
Target Compounds			
1) T n-Nonane (C9)	2.623	2625193	20.511 ug/ml
2) T n-Decane (C10)	3.620	3520109	27.516 ug/ml
4) T n-Dodecane (C12)	5.576	4216904	31.633 ug/ml
6) T n-Tetradecane (C14)	7.330	4429717	32.449 ug/ml
7) T n-Hexadecane (C16)	8.895	4779303	34.063 ug/ml
8) T n-Octadecane (C18)	10.306	5203107	36.358 ug/ml
10) T n-Eicosane (C20)	11.587	5042764	35.346 ug/ml
11) T n-Heneicosane (C21)	12.185	4989630	34.810 ug/ml
13) T n-Docosane (C22)	12.759	4899034	34.380 ug/ml
14) T n-Tetracosane (C24)	13.839	4748311	33.837 ug/ml
15) T n-Hexacosane (C26)	14.838	4652187	34.355 ug/ml
16) T n-Octacosane (C28)	15.767	4492433	34.495 ug/ml
17) T n-Tricontane (C30)	16.634	4442998	36.291 ug/ml
18) T n-Dotriacontane (C32)	17.449	4495843	40.323 ug/ml
19) T n-Tetratriacontane (C34)	18.215	4178505	40.968 ug/ml
20) T n-Hexatriacontane (C36)	18.937	3964740	41.867 ug/ml
21) T n-Octatriacontane (C38)	19.622	3754633	40.695 ug/ml
22) T n-Tetracontane (C40)	20.270	3370970	35.829 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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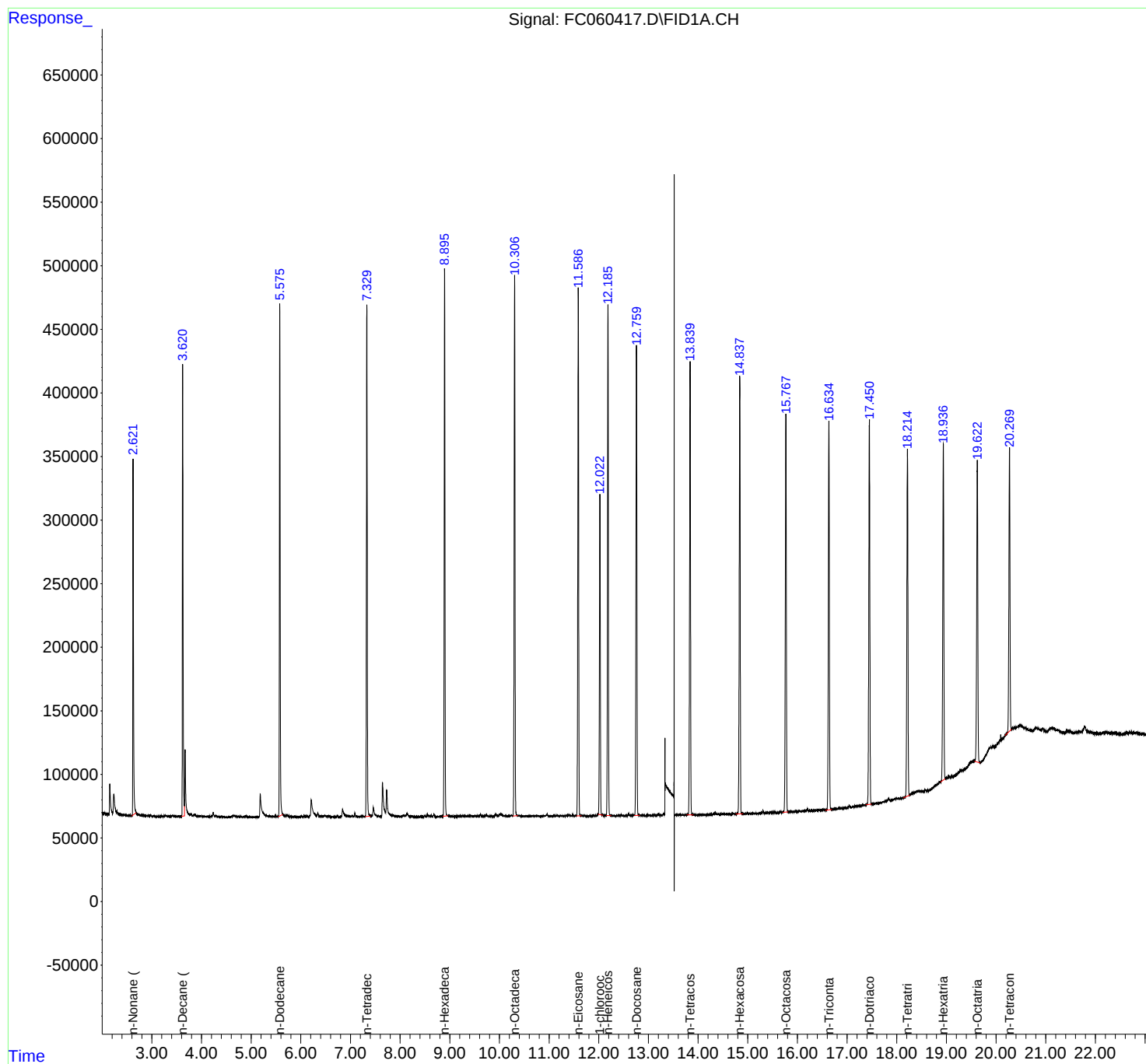
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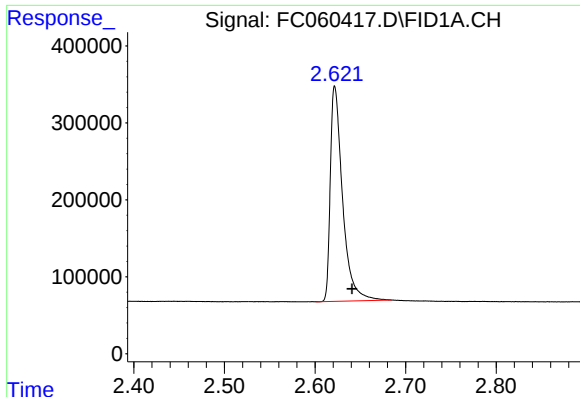
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#1 n-Nonane (C9)

R.T.: 2.623 min
Delta R.T.: -0.018 min
Response: 2625193
Conc: 20.51 ug/ml

Instrument :

FID_C

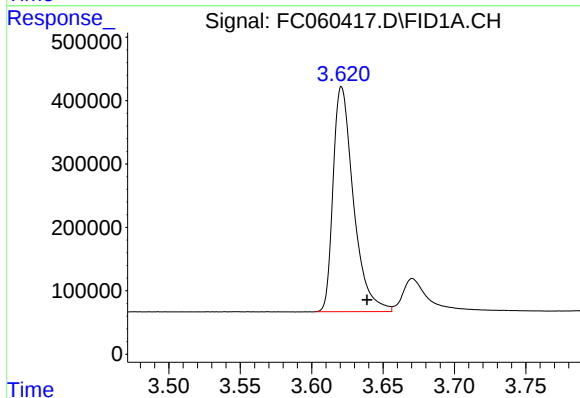
ClientSampleId :

PB145777BS

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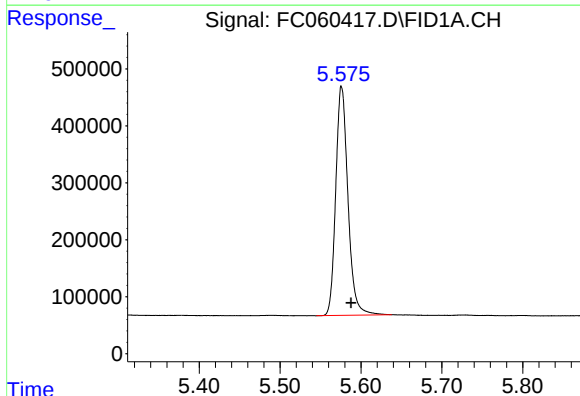
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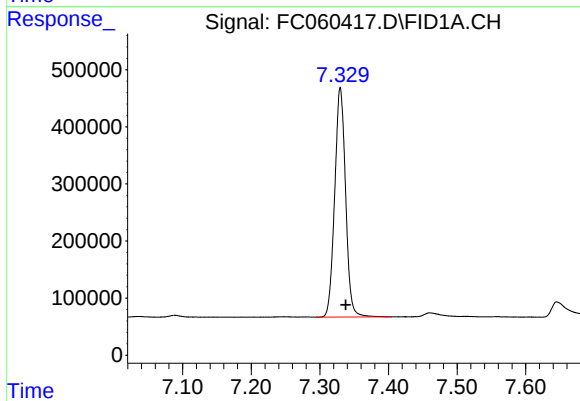
#2 n-Decane (C10)

R.T.: 3.620 min
Delta R.T.: -0.018 min
Response: 3520109
Conc: 27.52 ug/ml m



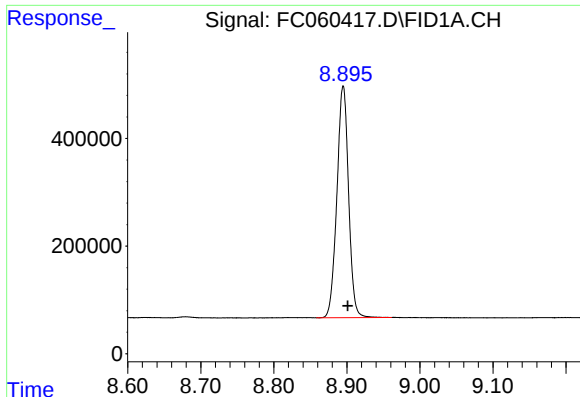
#4 n-Dodecane (C12)

R.T.: 5.576 min
Delta R.T.: -0.012 min
Response: 4216904
Conc: 31.63 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.330 min
Delta R.T.: -0.008 min
Response: 4429717
Conc: 32.45 ug/ml



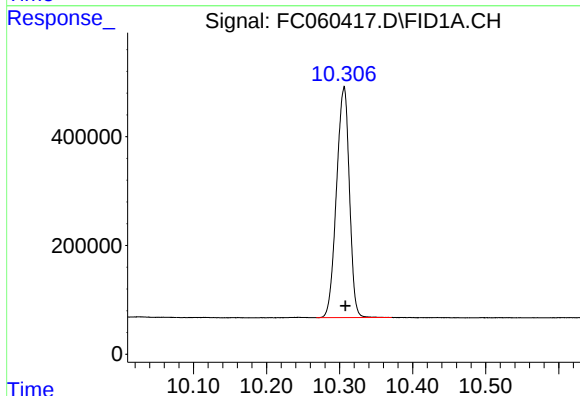
#7 n-Hexadecane (C16)

R.T.: 8.895 min
Delta R.T.: -0.006 min
Response: 4779303
Conc: 34.06 ug/ml

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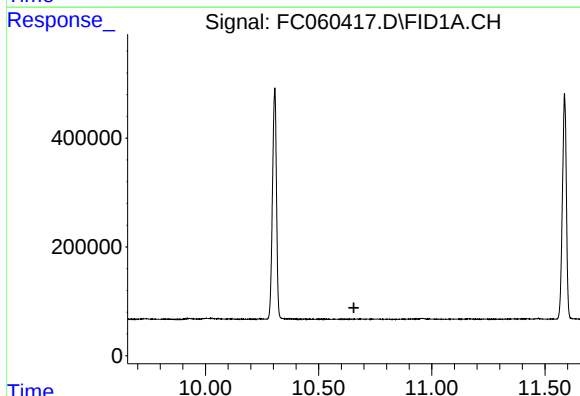
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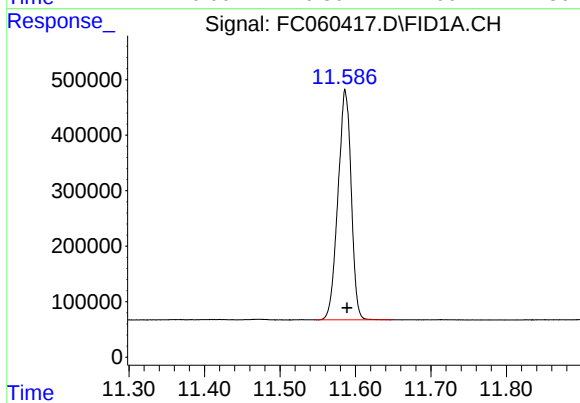
#8 n-Octadecane (C18)

R.T.: 10.306 min
Delta R.T.: -0.002 min
Response: 5203107
Conc: 36.36 ug/ml



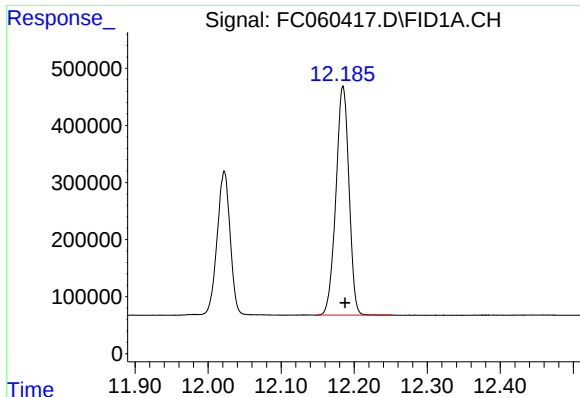
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.656 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.587 min
Delta R.T.: -0.002 min
Response: 5042764
Conc: 35.35 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.185 min
Delta R.T.: -0.003 min
Response: 4989630
Conc: 34.81 ug/ml

Instrument :

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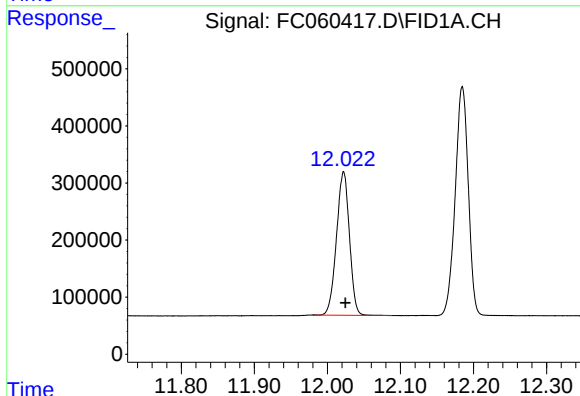
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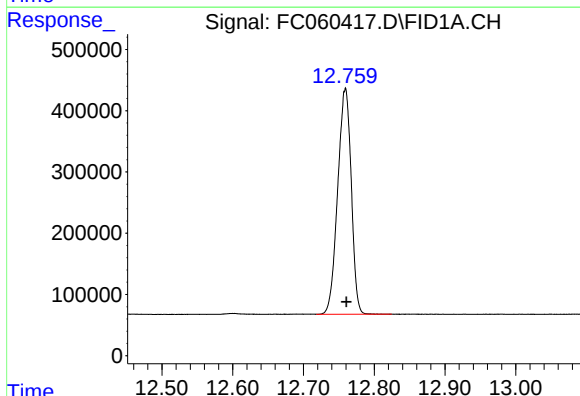
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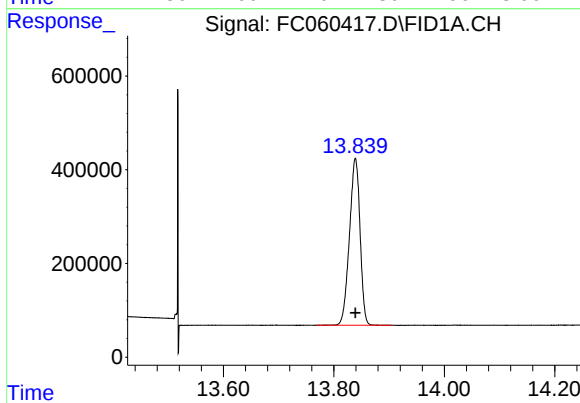
#12 1-chlorooctadecane (SURR)

R.T.: 12.022 min
Delta R.T.: -0.003 min
Response: 3088772
Conc: 24.91 ug/ml



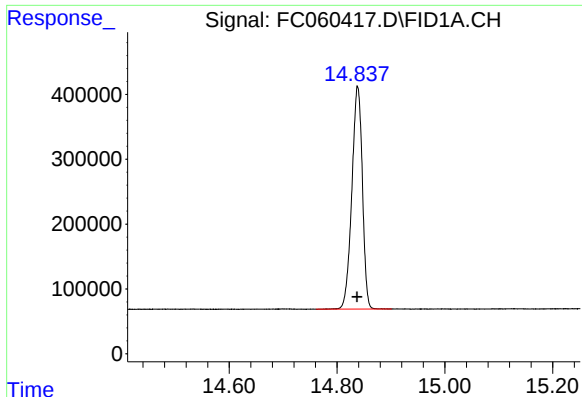
#13 n-Docosane (C22)

R.T.: 12.759 min
Delta R.T.: -0.001 min
Response: 4899034
Conc: 34.38 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.839 min
Delta R.T.: 0.000 min
Response: 4748311
Conc: 33.84 ug/ml



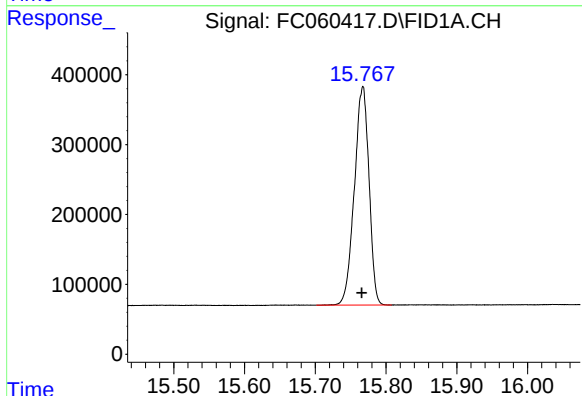
#15 n-Hexacosane (C26)

R.T.: 14.838 min
Delta R.T.: 0.001 min
Response: 4652187
Conc: 34.35 ug/ml

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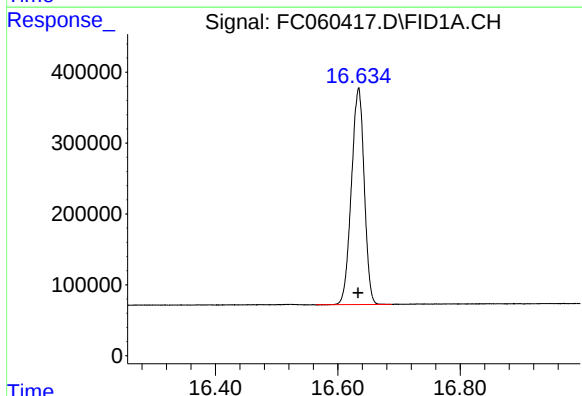
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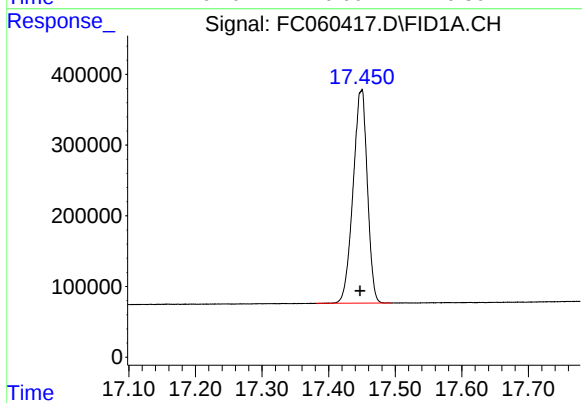
#16 n-Octacosane (C28)

R.T.: 15.767 min
Delta R.T.: 0.000 min
Response: 4492433
Conc: 34.49 ug/ml



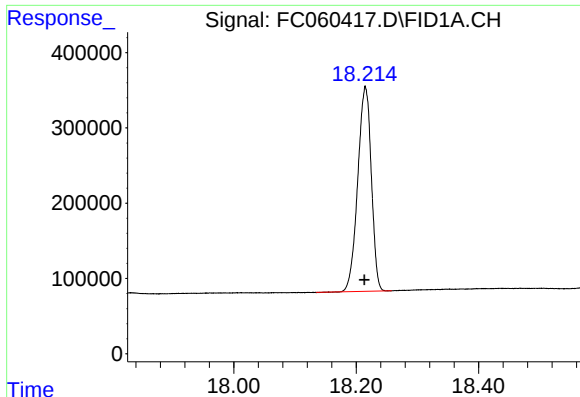
#17 n-Tricontane (C30)

R.T.: 16.634 min
Delta R.T.: 0.000 min
Response: 4442998
Conc: 36.29 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.449 min
Delta R.T.: 0.001 min
Response: 4495843
Conc: 40.32 ug/ml



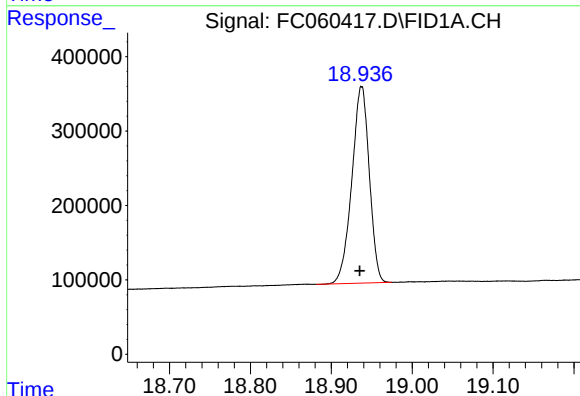
#19 n-Tetratriacontane (C34)

R.T.: 18.215 min
Delta R.T.: 0.002 min
Response: 4178505
Conc: 40.97 ug/ml

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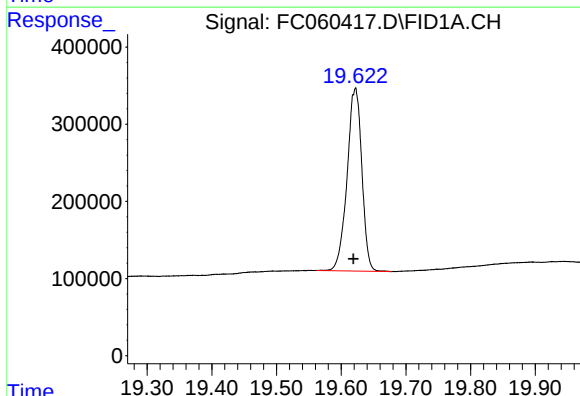
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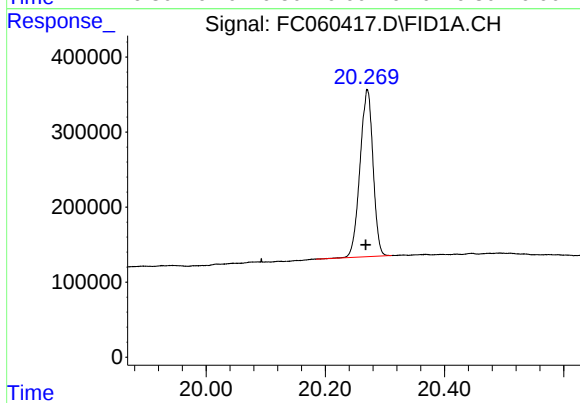
#20 n-Hexatriacontane (C36)

R.T.: 18.937 min
Delta R.T.: 0.002 min
Response: 3964740
Conc: 41.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.622 min
Delta R.T.: 0.002 min
Response: 3754633
Conc: 40.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.270 min
Delta R.T.: 0.002 min
Response: 3370970
Conc: 35.83 ug/ml