

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051122AL\
 Data File : FC059692.D
 Signal(s) : FID1A.CH
 Acq On : 11 May 2022 13:26
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 12 02:10:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Mon May 09 11:12:42 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			
9) S ortho-Terphenyl (SURR)	10.659	2757455	18.778 ug/ml
Spiked Amount 50.000		Recovery =	37.56%
12) S 1-chlorooctadecane (S...	12.028	2183998	18.978 ug/ml
Spiked Amount 50.000		Recovery =	37.96%
Target Compounds			
1) T n-Nonane (C9)	2.636	2373155	18.583 ug/ml
2) T n-Decane (C10)	3.637	2415400	19.072 ug/ml
3) T A~Naphthalene (C11.7)	5.174	2758590	18.735 ug/ml
4) T n-Dodecane (C12)	5.591	2492460	18.953 ug/ml
5) T A~2-methylnaphthalene...	6.198	2822162	18.775 ug/ml
6) T n-Tetradecane (C14)	7.342	2538422	18.865 ug/ml
7) T n-Hexadecane (C16)	8.905	2579320	18.798 ug/ml
8) T n-Octadecane (C18)	10.313	2595444	18.834 ug/ml
10) T n-Eicosane (C20)	11.593	2548587	18.949 ug/ml
11) T n-Heneicosane (C21)	12.191	2526528	18.939 ug/ml
13) T n-Docosane (C22)	12.763	2530811	19.284 ug/ml
14) T n-Tetracosane (C24)	13.841	2512420	19.968 ug/ml
15) T n-Hexacosane (C26)	14.840	2354119	19.711 ug/ml
16) T n-Octacosane (C28)	15.767	2293372	20.145 ug/ml
17) T n-Tricontane (C30)	16.634	2290678	20.839 ug/ml
18) T n-Dotriacontane (C32)	17.447	1928577	18.655 ug/ml

(f)=RT Delta > 1/2 Window

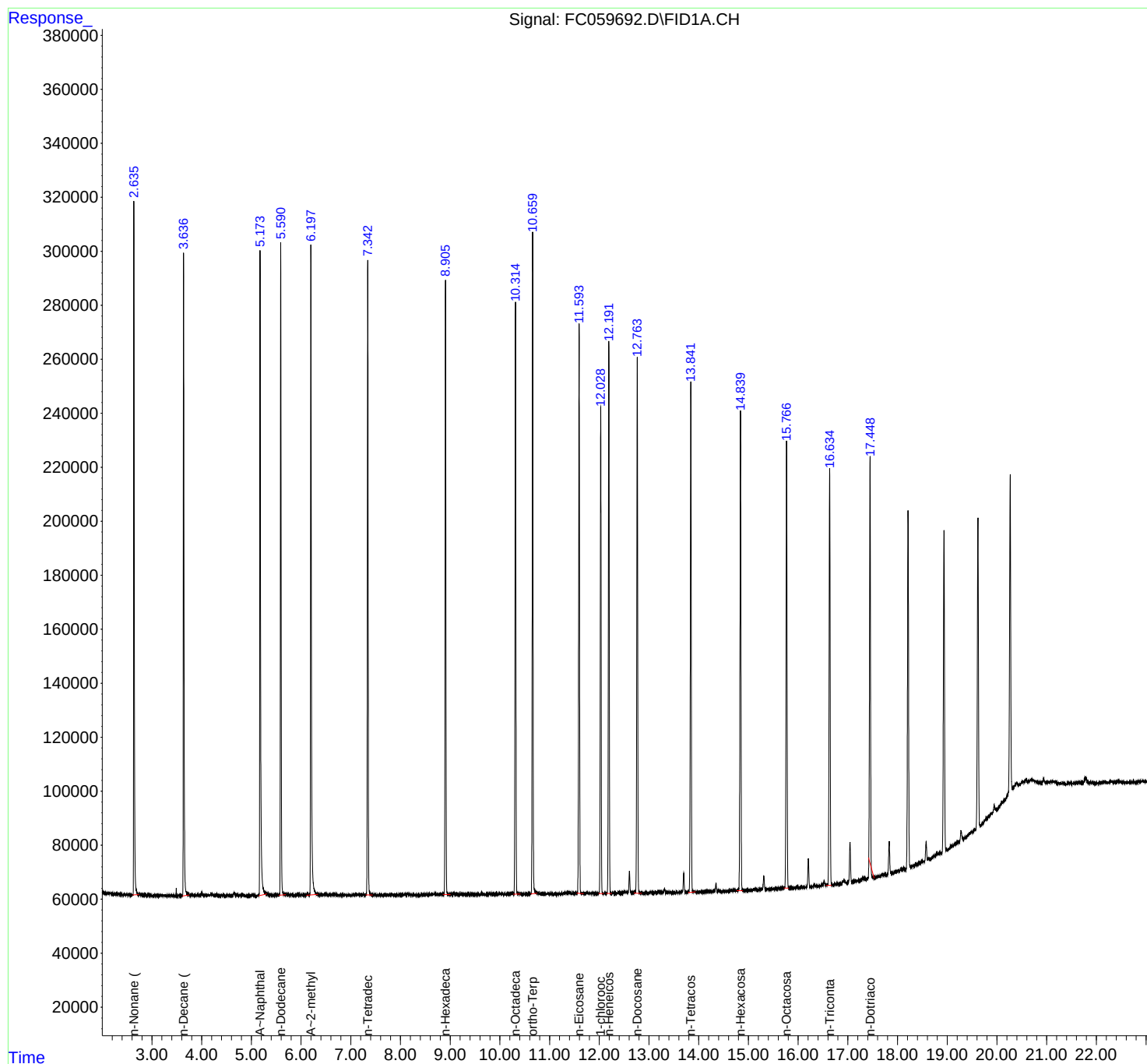
(m)=manual int.

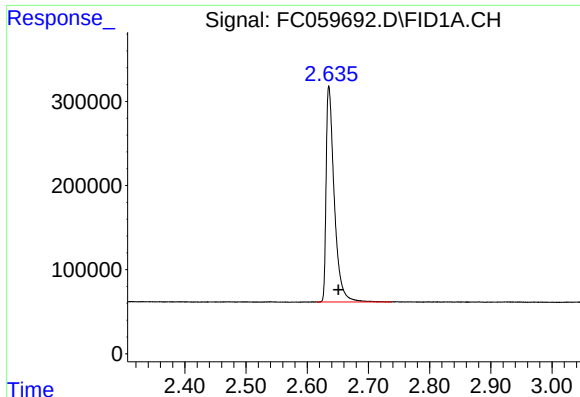
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

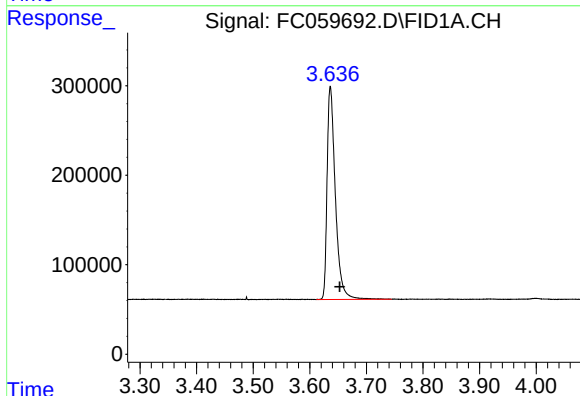




#1 n-Nonane (C9)

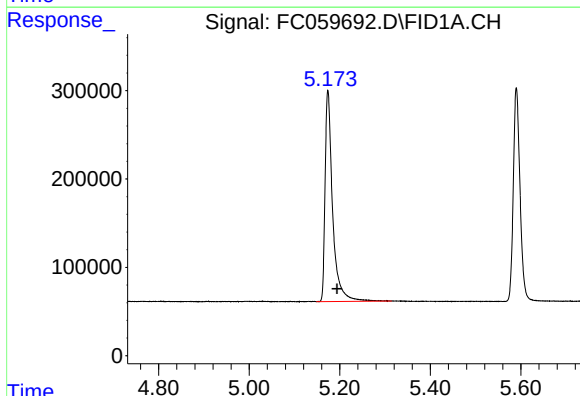
R.T.: 2.636 min
Delta R.T.: -0.015 min
Response: 2373155
Conc: 18.58 ug/ml

Instrument :
FID_C
ClientSampleId :



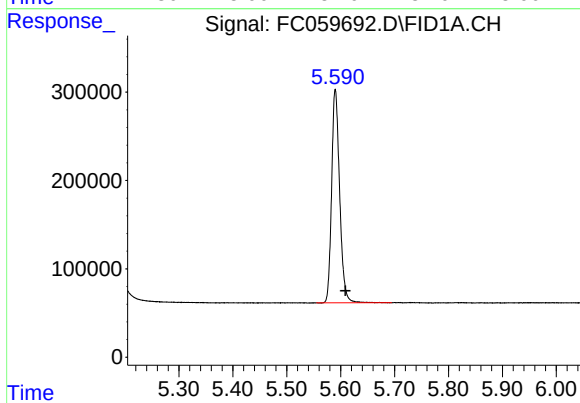
#2 n-Decane (C10)

R.T.: 3.637 min
Delta R.T.: -0.016 min
Response: 2415400
Conc: 19.07 ug/ml



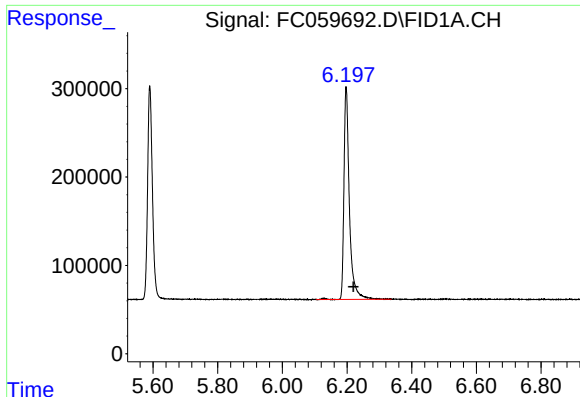
#3 A~Naphthalene (C11.7)

R.T.: 5.174 min
Delta R.T.: -0.020 min
Response: 2758590
Conc: 18.73 ug/ml



#4 n-Dodecane (C12)

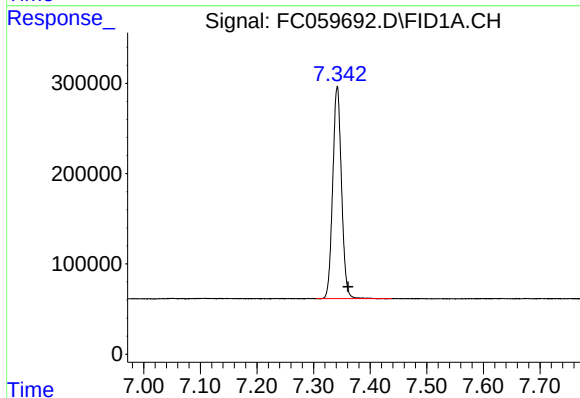
R.T.: 5.591 min
Delta R.T.: -0.018 min
Response: 2492460
Conc: 18.95 ug/ml



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

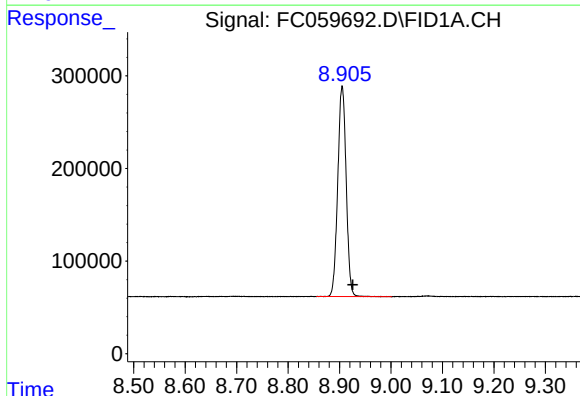
R.T.: 6.198 min
Delta R.T.: -0.021 min
Response: 2822162
Conc: 18.77 ug/ml

Instrument :
FID_C
ClientSampleId :



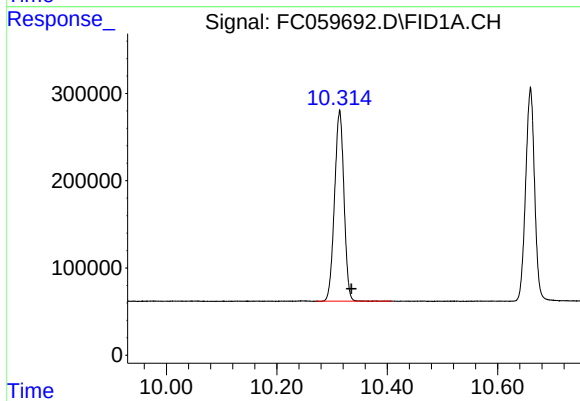
#6 n-Tetradecane (C14)

R.T.: 7.342 min
Delta R.T.: -0.019 min
Response: 2538422
Conc: 18.86 ug/ml



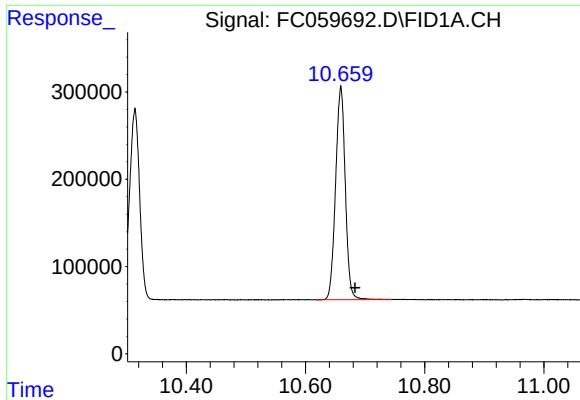
#7 n-Hexadecane (C16)

R.T.: 8.905 min
Delta R.T.: -0.020 min
Response: 2579320
Conc: 18.80 ug/ml



#8 n-Octadecane (C18)

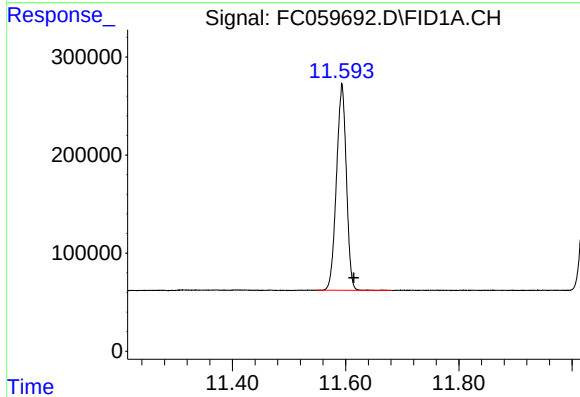
R.T.: 10.313 min
Delta R.T.: -0.022 min
Response: 2595444
Conc: 18.83 ug/ml



#9 ortho-Terphenyl (SURR)

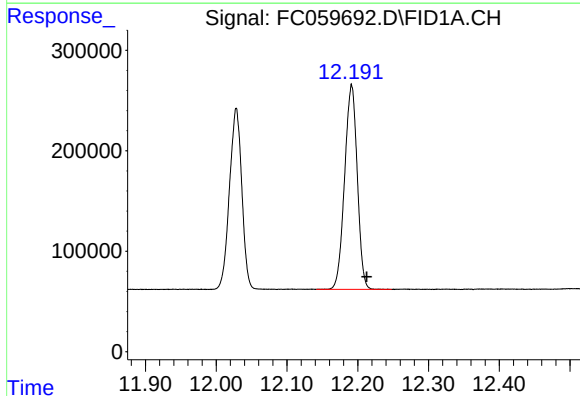
R.T.: 10.659 min
Delta R.T.: -0.024 min
Response: 2757455
Conc: 18.78 ug/ml

Instrument :
FID_C
ClientSampleId :



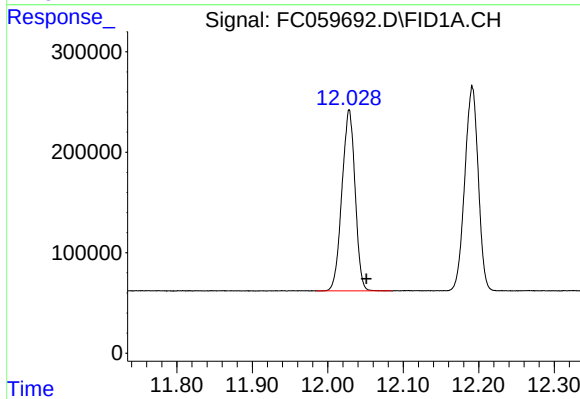
#10 n-Eicosane (C20)

R.T.: 11.593 min
Delta R.T.: -0.021 min
Response: 2548587
Conc: 18.95 ug/ml



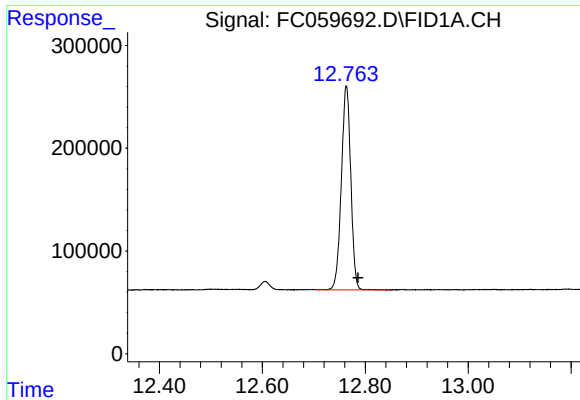
#11 n-Heneicosane (C21)

R.T.: 12.191 min
Delta R.T.: -0.022 min
Response: 2526528
Conc: 18.94 ug/ml



#12 1-chlorooctadecane (SURR)

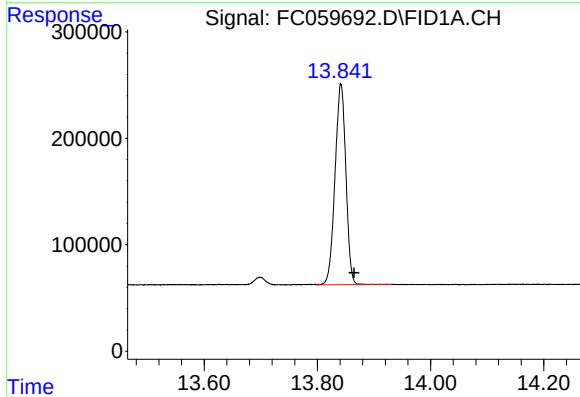
R.T.: 12.028 min
Delta R.T.: -0.023 min
Response: 2183998
Conc: 18.98 ug/ml



#13 n-Docosane (C22)

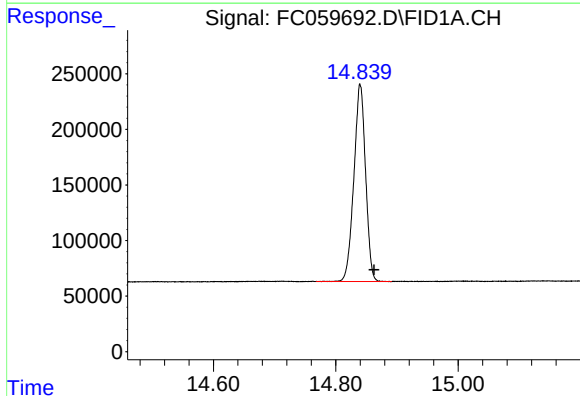
R.T.: 12.763 min
Delta R.T.: -0.023 min
Response: 2530811
Conc: 19.28 ug/ml

Instrument :
FID_C
ClientSampleId :



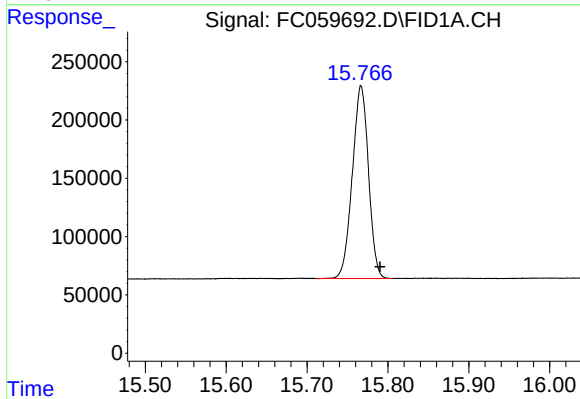
#14 n-Tetracosane (C24)

R.T.: 13.841 min
Delta R.T.: -0.023 min
Response: 2512420
Conc: 19.97 ug/ml



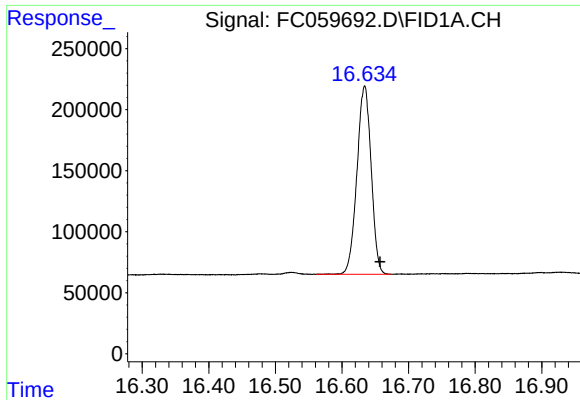
#15 n-Hexacosane (C26)

R.T.: 14.840 min
Delta R.T.: -0.023 min
Response: 2354119
Conc: 19.71 ug/ml



#16 n-Octacosane (C28)

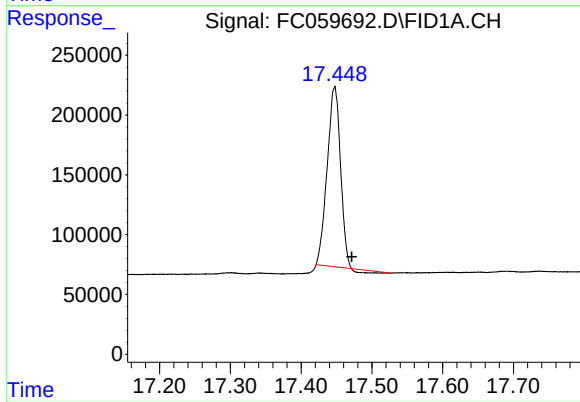
R.T.: 15.767 min
Delta R.T.: -0.024 min
Response: 2293372
Conc: 20.14 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.634 min
Delta R.T.: -0.024 min
Response: 2290678
Conc: 20.84 ug/ml

Instrument :
FID_C
ClientSampleId :



#18 n-Dotriacontane (C32)

R.T.: 17.447 min
Delta R.T.: -0.025 min
Response: 1928577
Conc: 18.65 ug/ml