

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031722AL\
 Data File : FE035381.D
 Signal(s) : FID1B.CH
 Acq On : 17 Mar 2022 18:22
 Operator : YP\AJ
 Sample : N1956-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TPK-3MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/18/2022
 Supervised By :Ankita Jodhani 03/18/2022

Integration File: sample.E
 Quant Time: Mar 17 22:51:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022822.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 01 02:07:56 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...	12.796	5729059	52.891 ug/ml
Spiked Amount 50.000		Recovery =	105.78%
Target Compounds			
1) T n-Nonane (C9)	3.177	1790198	15.591 ug/ml
2) T n-Decane (C10)	4.231	2263950	19.872 ug/ml
4) T n-Dodecane (C12)	6.237	3383750	28.780 ug/ml
6) T n-Tetradecane (C14)	8.025	4236927	35.503 ug/ml
7) T n-Hexadecane (C16)	9.618	4932590	40.485 ug/ml
8) T n-Octadecane (C18)	11.053	5392359	43.016 ug/ml
10) T n-Eicosane (C20)	12.355	5301385	41.925 ug/ml
11) T n-Heneicosane (C21)	12.964	5282614	41.481 ug/ml
13) T n-Docosane (C22)	13.548	5211594	41.042 ug/ml
14) T n-Tetracosane (C24)	14.645	5077765	40.091 ug/ml
15) T n-Hexacosane (C26)	15.660	4886370	39.407 ug/ml
16) T n-Octacosane (C28)	16.605	4708941	39.288 ug/ml
17) T n-Tricontane (C30)	17.487	4390846	38.767 ug/ml
18) T n-Dotriacontane (C32)	18.316	4122009	40.479 ug/ml
19) T n-Tetratriacontane (C34)	19.096	3844764	43.090 ug/mlm
20) T n-Hexatriacontane (C36)	19.833	3577422	47.124 ug/ml
21) T n-Octatriacontane (C38)	20.533	3228437	48.890 ug/ml
22) T n-Tetracontane (C40)	21.344	2791407	45.636 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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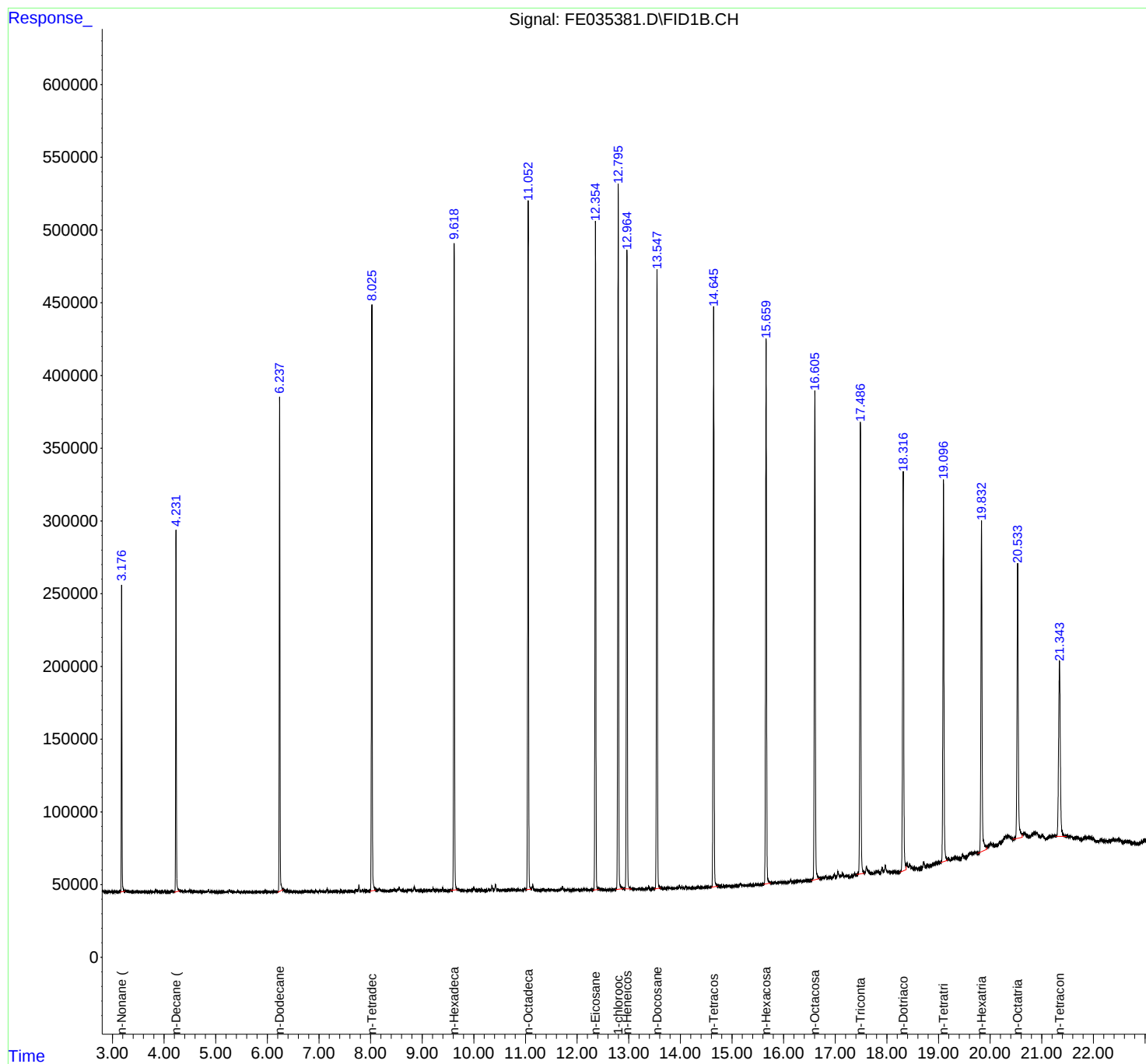
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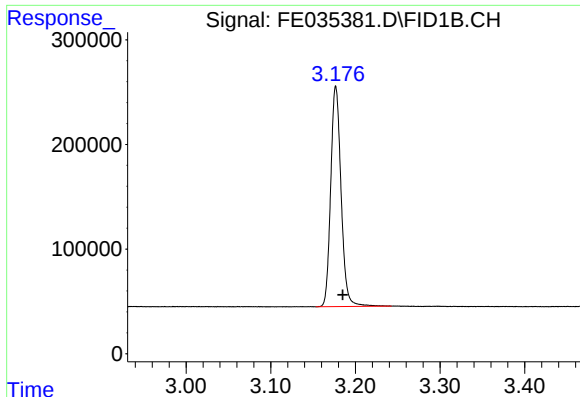
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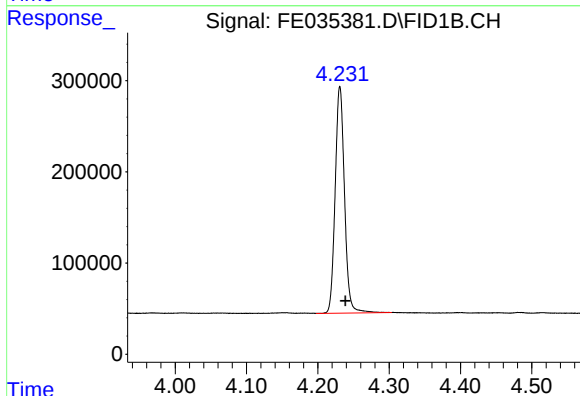
#1 n-Nonane (C9)

R.T.: 3.177 min
Delta R.T.: -0.008 min
Response: 1790198
Conc: 15.59 ug/ml

Instrument :
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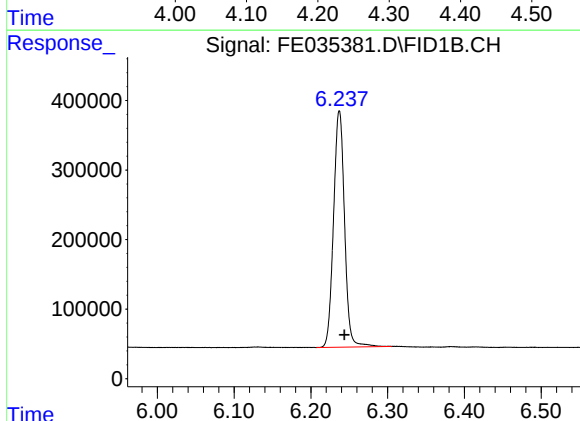
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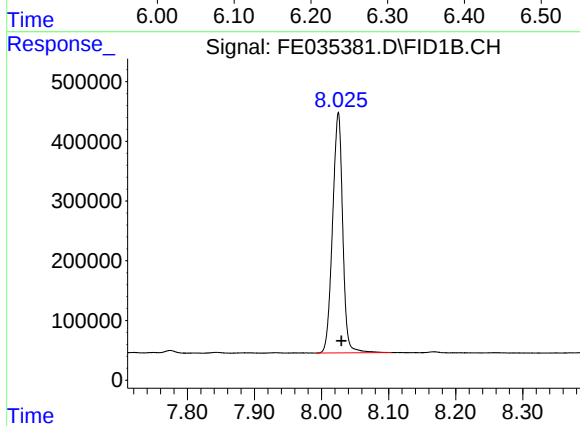
#2 n-Decane (C10)

R.T.: 4.231 min
Delta R.T.: -0.008 min
Response: 2263950
Conc: 19.87 ug/ml



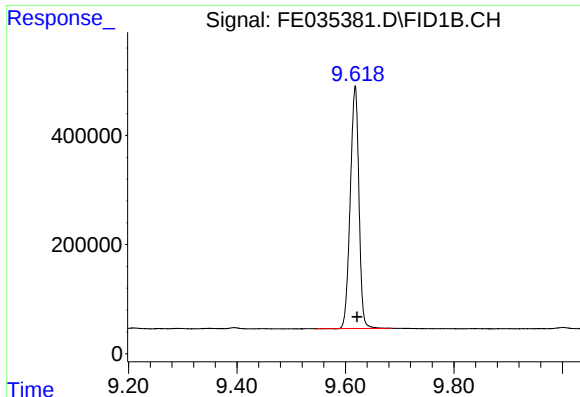
#4 n-Dodecane (C12)

R.T.: 6.237 min
Delta R.T.: -0.006 min
Response: 3383750
Conc: 28.78 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.025 min
Delta R.T.: -0.004 min
Response: 4236927
Conc: 35.50 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.618 min
Delta R.T.: -0.003 min
Response: 4932590
Conc: 40.49 ug/ml

Instrument :

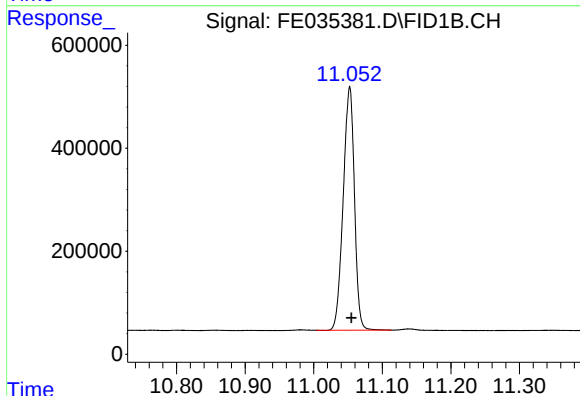
FID_E

ClientSampleId :

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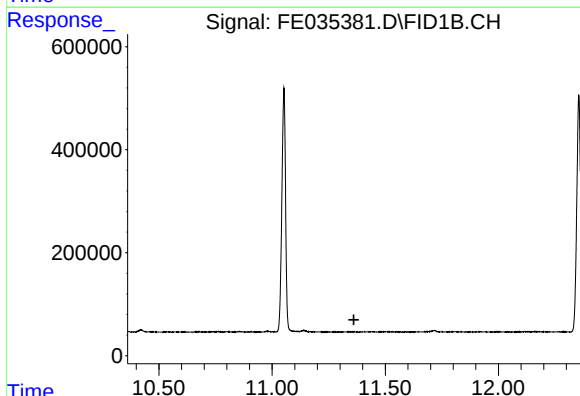
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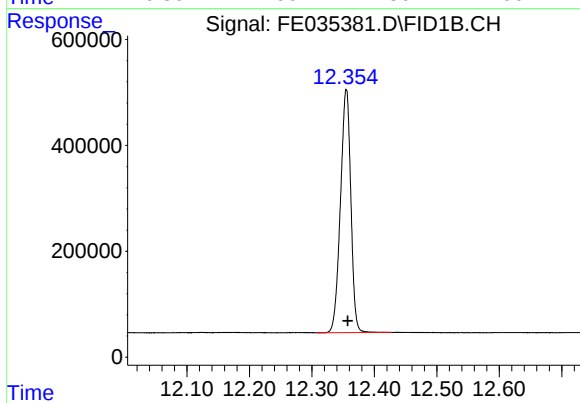
#8 n-Octadecane (C18)

R.T.: 11.053 min
Delta R.T.: -0.002 min
Response: 5392359
Conc: 43.02 ug/ml



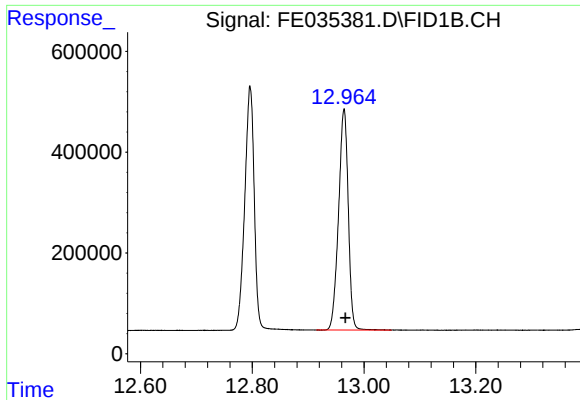
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.362 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.355 min
Delta R.T.: -0.002 min
Response: 5301385
Conc: 41.92 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.964 min
Delta R.T.: -0.002 min
Response: 5282614
Conc: 41.48 ug/ml

Instrument :

FID_E

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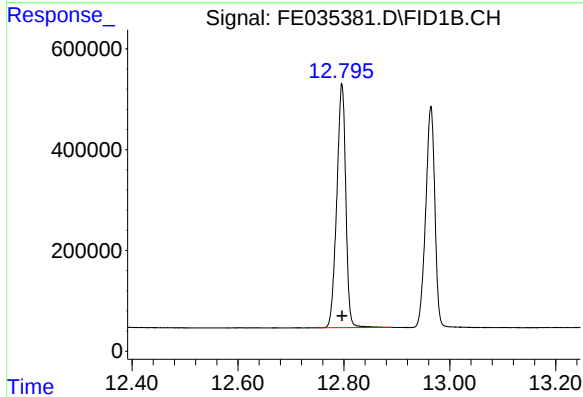
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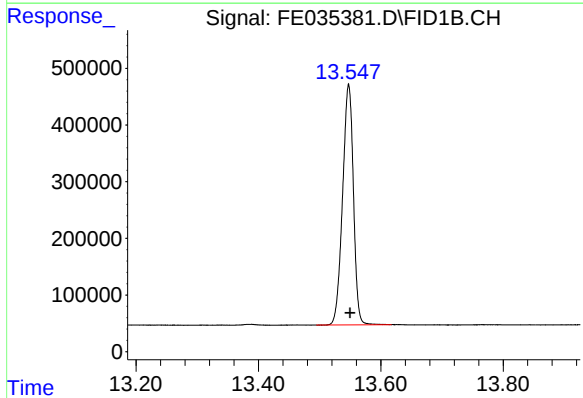
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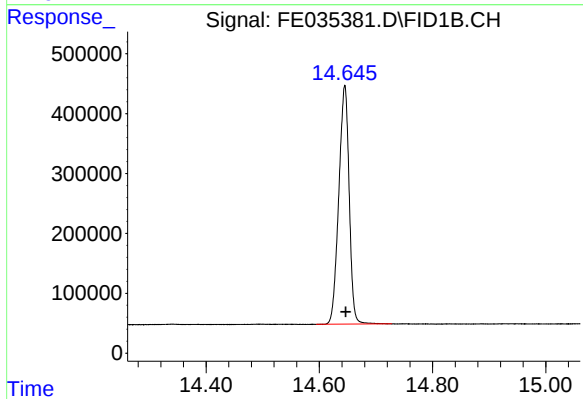
#12 1-chlorooctadecane (SURR)

R.T.: 12.796 min
Delta R.T.: 0.000 min
Response: 5729059
Conc: 52.89 ug/ml



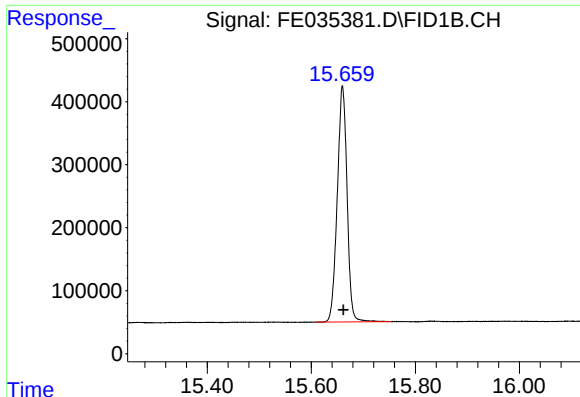
#13 n-Docosane (C22)

R.T.: 13.548 min
Delta R.T.: -0.003 min
Response: 5211594
Conc: 41.04 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.645 min
Delta R.T.: -0.002 min
Response: 5077765
Conc: 40.09 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.660 min
Delta R.T.: -0.002 min
Response: 4886370
Conc: 39.41 ug/ml

Instrument :

FID_E

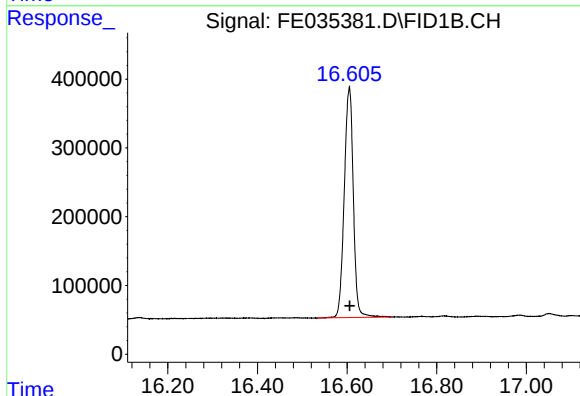
ClientSampleId :

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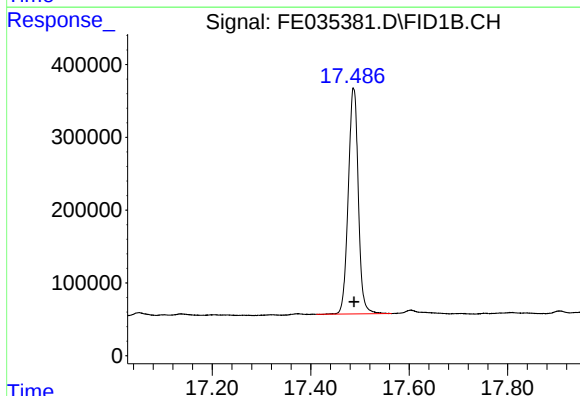
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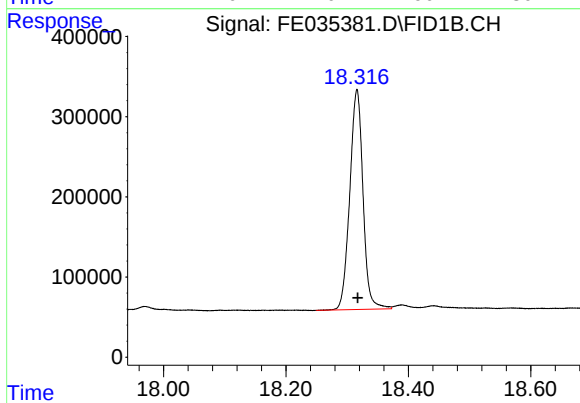
#16 n-Octacosane (C28)

R.T.: 16.605 min
Delta R.T.: 0.000 min
Response: 4708941
Conc: 39.29 ug/ml



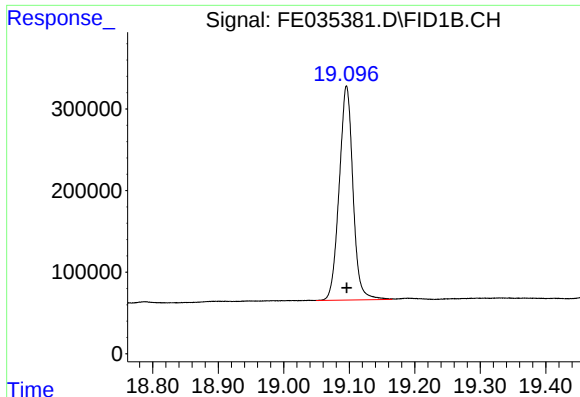
#17 n-Tricontane (C30)

R.T.: 17.487 min
Delta R.T.: -0.001 min
Response: 4390846
Conc: 38.77 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.316 min
Delta R.T.: -0.001 min
Response: 4122009
Conc: 40.48 ug/ml



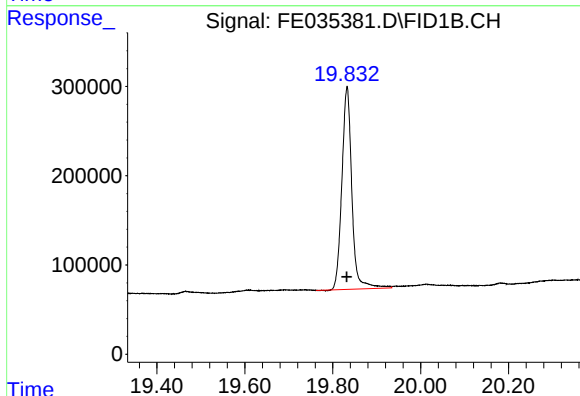
#19 n-Tetratriacontane (C34)

R.T.: 19.096 min
Delta R.T.: 0.000 min
Response: 3844764
Conc: 43.09 ug/ml

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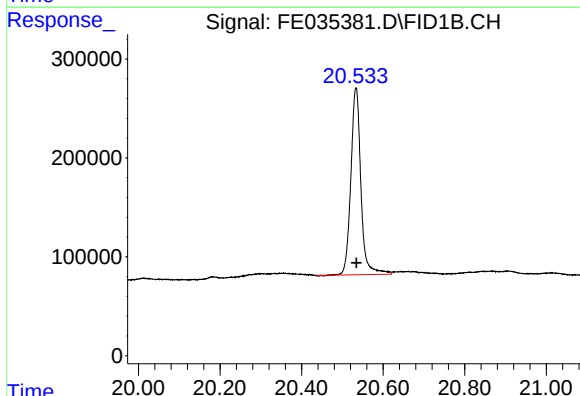
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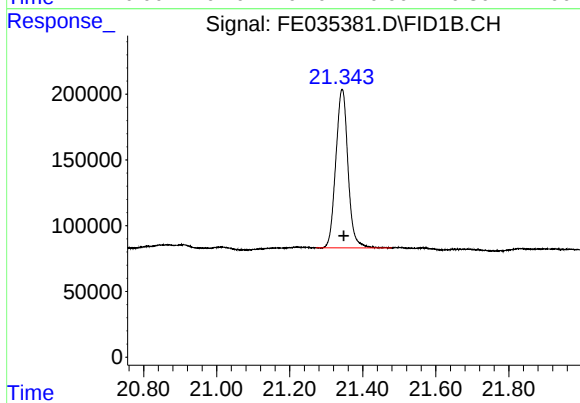
#20 n-Hexatriacontane (C36)

R.T.: 19.833 min
Delta R.T.: 0.000 min
Response: 3577422
Conc: 47.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.533 min
Delta R.T.: -0.001 min
Response: 3228437
Conc: 48.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.344 min
Delta R.T.: -0.004 min
Response: 2791407
Conc: 45.64 ug/ml