

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102919AL\
 Data File : FD031257.D
 Signal(s) : FID2B.CH
 Acq On : 29 Oct 2019 9:14
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 30 00:51:41 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 07:46:23 2019
 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)	11.426	2574194	20.525 ug/ml
Spiked Amount 50.000		Recovery =	41.05%
12) S 1-chlorooctadecane (S...	12.856	1926572	20.577 ug/ml
Spiked Amount 50.000		Recovery =	41.15%
Target Compounds			
1) T n-Nonane (C9)	3.254	2431015	23.240 ug/ml
2) T n-Decane (C10)	4.308	2455508	23.424 ug/ml
3) T A~Naphthalene (C11.7)	5.878	2629490	22.948 ug/ml
4) T n-Dodecane (C12)	6.311	2483113	23.216 ug/ml
5) T A~2-methylnaphthalene...	6.928	2611475	22.654 ug/ml
6) T n-Tetradecane (C14)	8.094	2449688	22.777 ug/ml
7) T n-Hexadecane (C16)	9.683	2445116	22.705 ug/ml
8) T n-Octadecane (C18)	11.115	2364731	21.629 ug/ml
10) T n-Eicosane (C20)	12.414	2298243	21.018 ug/ml
11) T n-Heneicosane (C21)	13.023	2278352	20.730 ug/ml
13) T n-Docosane (C22)	13.605	2245522	20.533 ug/ml
14) T n-Tetracosane (C24)	14.699	2226611	20.388 ug/ml
15) T n-Hexacosane (C26)	15.713	2179869	20.143 ug/ml
16) T n-Octacosane (C28)	16.656	2189398	20.394 ug/ml
17) T n-Tricontane (C30)	17.537	2205461	20.704 ug/ml
18) T n-Dotriacontane (C32)	18.362	2154470	20.928 ug/ml
19) T n-Tetratriacontane (C34)	19.137	2111130	21.482 ug/mlm
20) T n-Hexatriacontane (C36)	19.871	2020683	21.936 ug/ml
21) T n-Octatriacontane (C38)	20.574	1948903	22.520 ug/ml
22) T n-Tetracontane (C40)	21.402	2073812	23.339 ug/ml

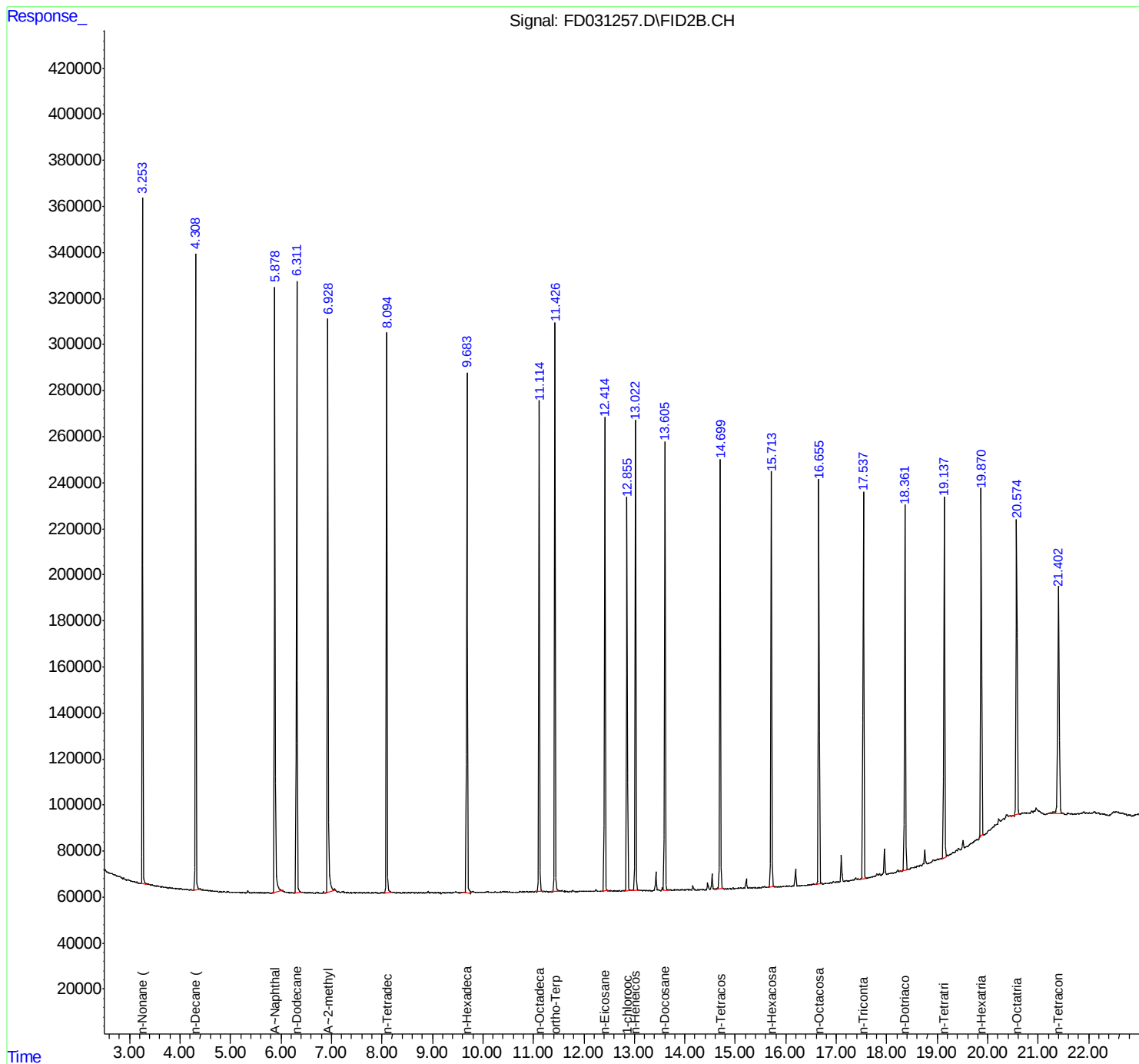
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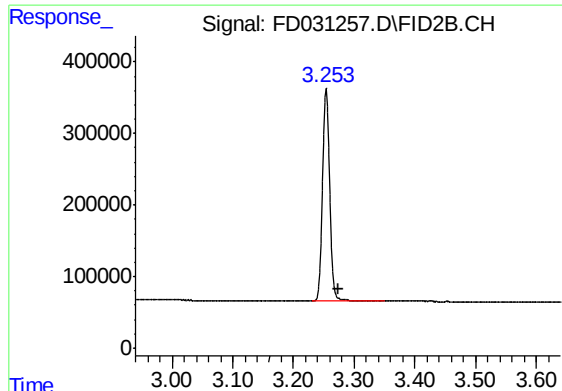
(m)=manual int.

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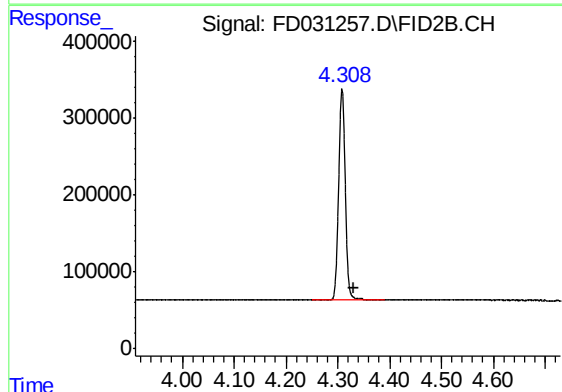
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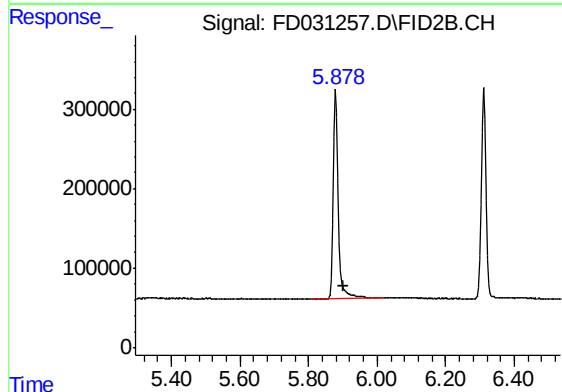
#1 n-Nonane (C9)

R.T.: 3.254 min
Delta R.T.: -0.020 min
Response: 2431015
Conc: 23.24 ug/ml



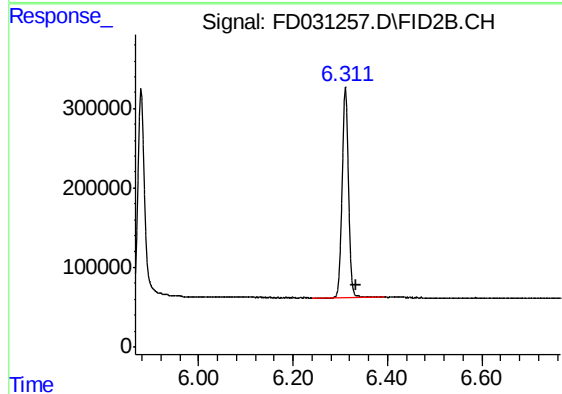
#2 n-Decane (C10)

R.T.: 4.308 min
Delta R.T.: -0.022 min
Response: 2455508
Conc: 23.42 ug/ml



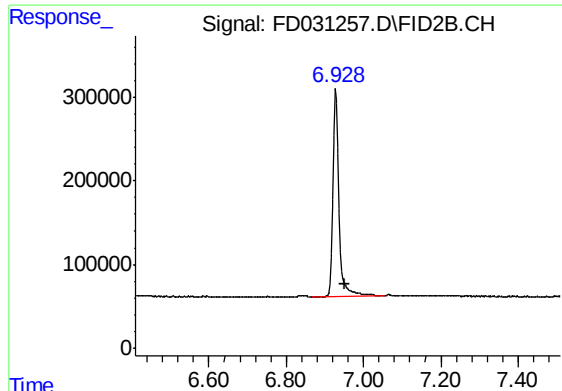
#3 A~Naphthalene (C11.7)

R.T.: 5.878 min
Delta R.T.: -0.022 min
Response: 2629490
Conc: 22.95 ug/ml



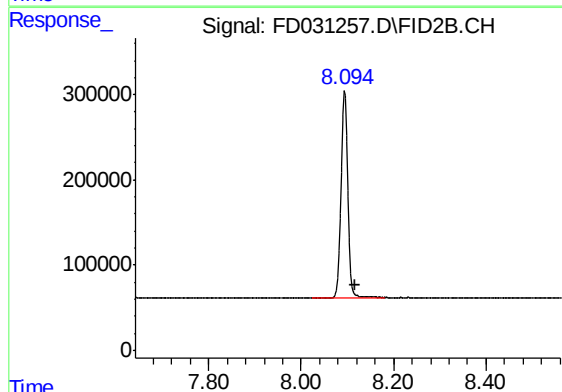
#4 n-Dodecane (C12)

R.T.: 6.311 min
Delta R.T.: -0.023 min
Response: 2483113
Conc: 23.22 ug/ml



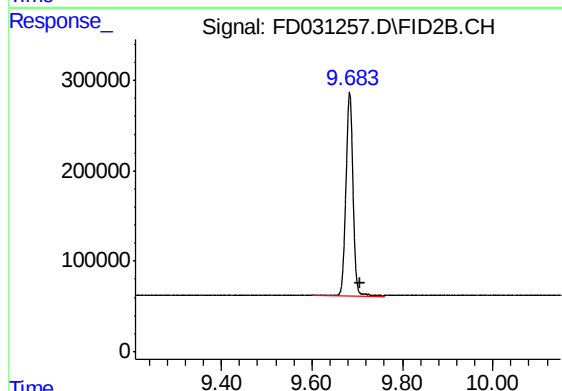
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.928 min
Delta R.T.: -0.022 min
Response: 2611475
Conc: 22.65 ug/ml



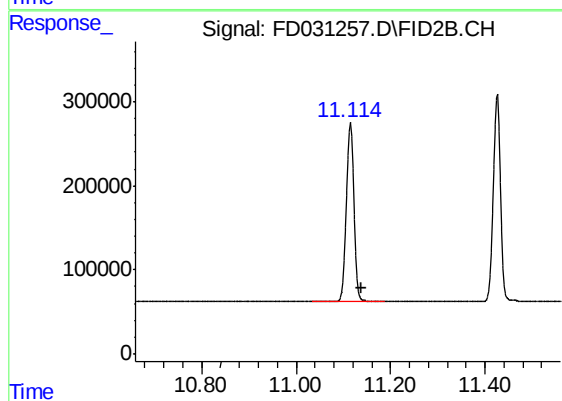
#6 n-Tetradecane (C14)

R.T.: 8.094 min
Delta R.T.: -0.023 min
Response: 2449688
Conc: 22.78 ug/ml



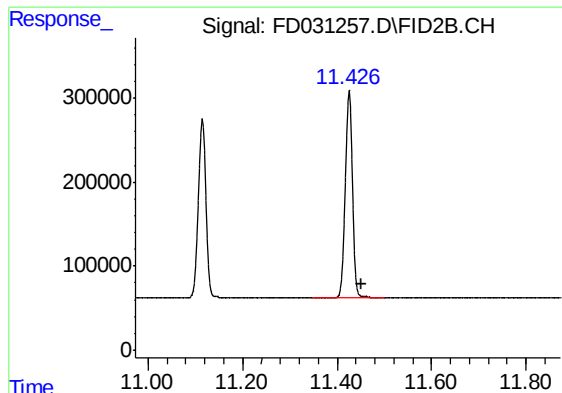
#7 n-Hexadecane (C16)

R.T.: 9.683 min
Delta R.T.: -0.023 min
Response: 2445116
Conc: 22.70 ug/ml



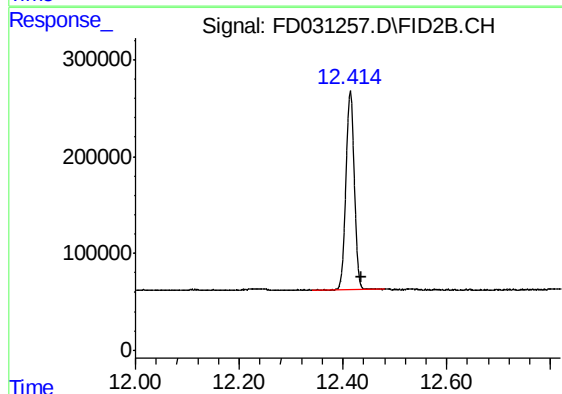
#8 n-Octadecane (C18)

R.T.: 11.115 min
Delta R.T.: -0.024 min
Response: 2364731
Conc: 21.63 ug/ml



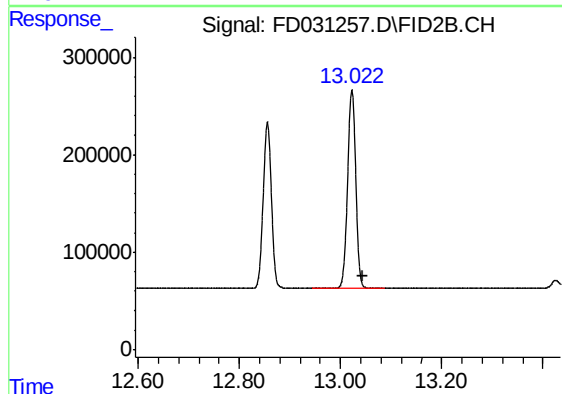
#9 ortho-Terphenyl (SURR)

R.T.: 11.426 min
Delta R.T.: -0.025 min
Response: 2574194
Conc: 20.53 ug/ml



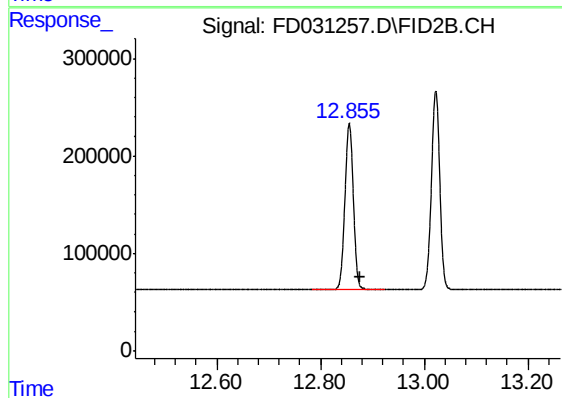
#10 n-Eicosane (C20)

R.T.: 12.414 min
Delta R.T.: -0.022 min
Response: 2298243
Conc: 21.02 ug/ml



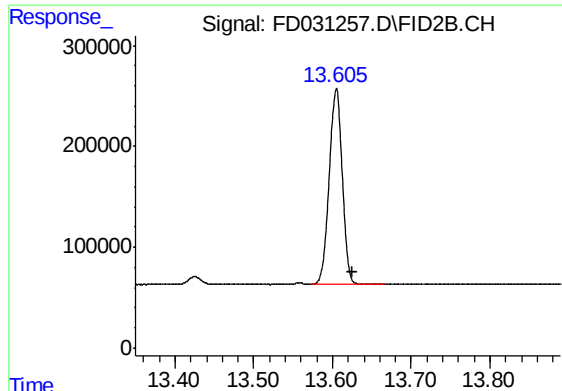
#11 n-Heneicosane (C21)

R.T.: 13.023 min
Delta R.T.: -0.022 min
Response: 2278352
Conc: 20.73 ug/ml



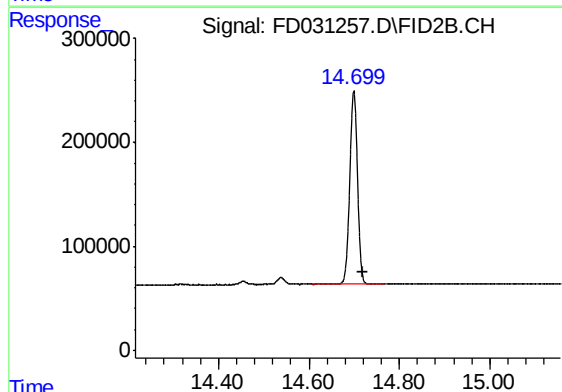
#12 1-chlorooctadecane (SURR)

R.T.: 12.856 min
Delta R.T.: -0.021 min
Response: 1926572
Conc: 20.58 ug/ml



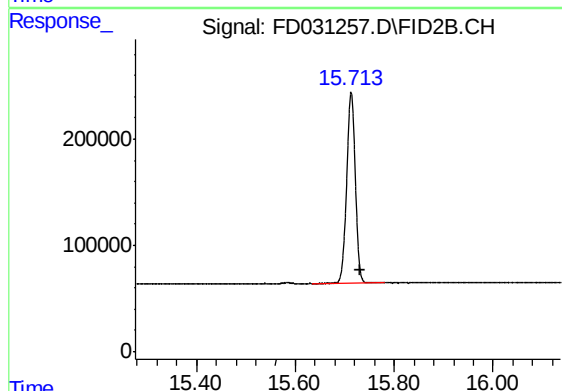
#13 n-Docosane (C22)

R.T.: 13.605 min
Delta R.T.: -0.021 min
Response: 2245522
Conc: 20.53 ug/ml



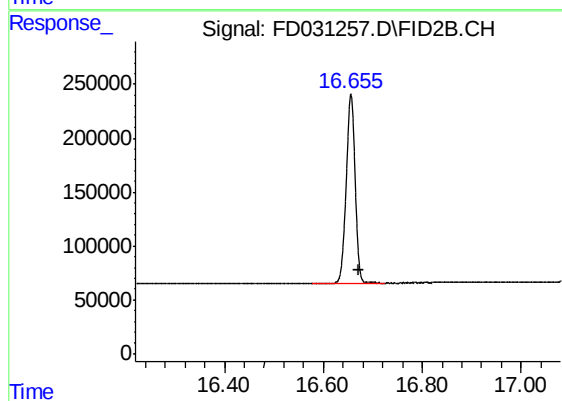
#14 n-Tetracosane (C24)

R.T.: 14.699 min
Delta R.T.: -0.019 min
Response: 2226611
Conc: 20.39 ug/ml



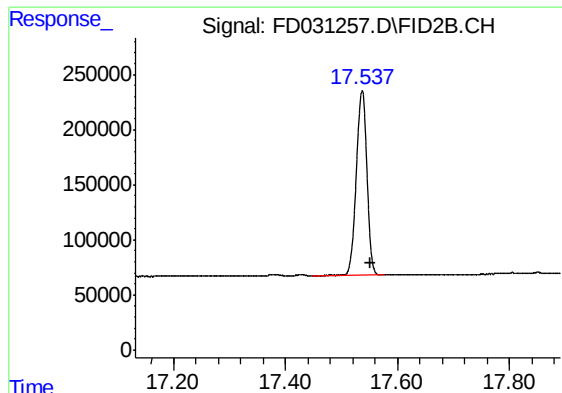
#15 n-Hexacosane (C26)

R.T.: 15.713 min
Delta R.T.: -0.017 min
Response: 2179869
Conc: 20.14 ug/ml



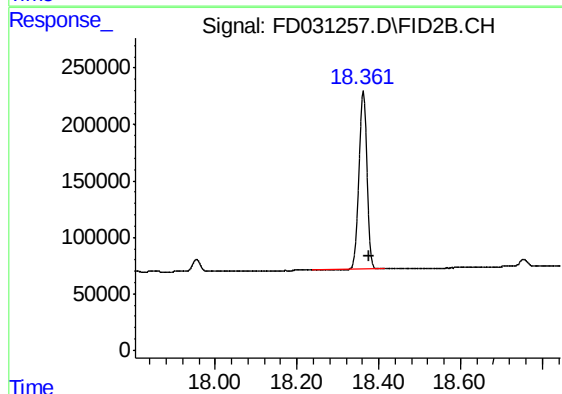
#16 n-Octacosane (C28)

R.T.: 16.656 min
Delta R.T.: -0.016 min
Response: 2189398
Conc: 20.39 ug/ml



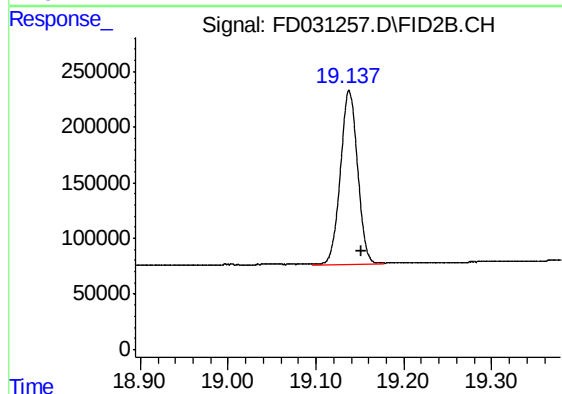
#17 n-Tricontane (C30)

R.T.: 17.537 min
Delta R.T.: -0.015 min
Response: 2205461
Conc: 20.70 ug/ml



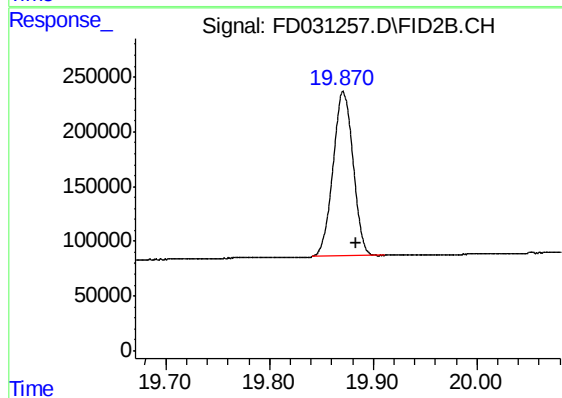
#18 n-Dotriacontane (C32)

R.T.: 18.362 min
Delta R.T.: -0.013 min
Response: 2154470
Conc: 20.93 ug/ml



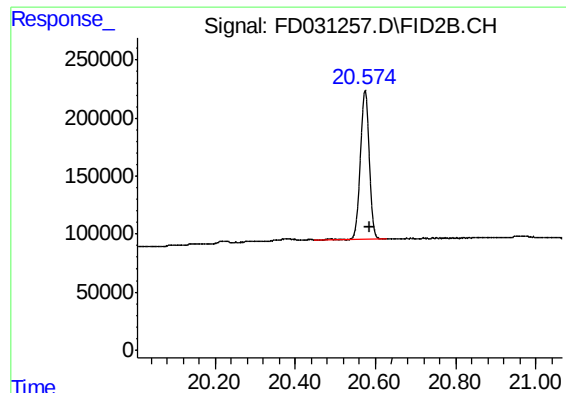
#19 n-Tetatriacontane (C34)

R.T.: 19.137 min
Delta R.T.: -0.015 min
Response: 2111130
Conc: 21.48 ug/ml m



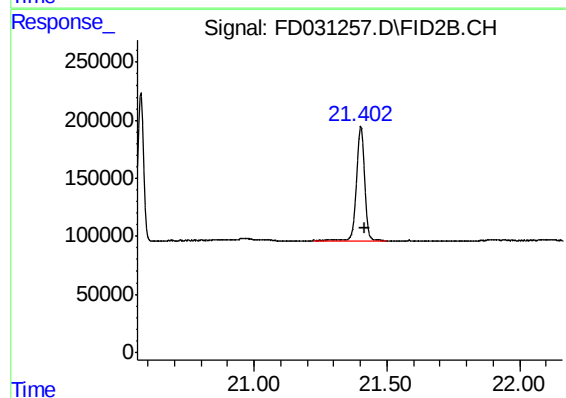
#20 n-Hexatriacontane (C36)

R.T.: 19.871 min
Delta R.T.: -0.012 min
Response: 2020683
Conc: 21.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.574 min
Delta R.T.: -0.012 min
Response: 1948903
Conc: 22.52 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.402 min
Delta R.T.: -0.016 min
Response: 2073812
Conc: 23.34 ug/ml