

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030422AL\
 Data File : FE035218.D
 Signal(s) : FID1B.CH
 Acq On : 04 Mar 2022 10:09
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 04 22:03:26 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			
9) S ortho-Terphenyl (SURR)	11.359	2788997	20.137 ug/ml
Spiked Amount 50.000		Recovery =	40.27%
12) S 1-chlorooctadecane (S...	12.793	2123264	19.602 ug/ml
Spiked Amount 50.000		Recovery =	39.20%
Target Compounds			
1) T n-Nonane (C9)	3.184	2348520	20.453 ug/ml
2) T n-Decane (C10)	4.237	2343429	20.570 ug/ml
3) T A~Naphthalene (C11.7)	5.801	2601076	20.479 ug/ml
4) T n-Dodecane (C12)	6.241	2402766	20.436 ug/ml
5) T A~2-methylnaphthalene...	6.850	2611442	20.444 ug/ml
6) T n-Tetradecane (C14)	8.026	2441185	20.456 ug/ml
7) T n-Hexadecane (C16)	9.618	2479560	20.352 ug/ml
8) T n-Octadecane (C18)	11.052	2544276	20.296 ug/ml
10) T n-Eicosane (C20)	12.354	2540380	20.090 ug/ml
11) T n-Heneicosane (C21)	12.962	2550000	20.024 ug/ml
13) T n-Docosane (C22)	13.545	2545276	20.044 ug/ml
14) T n-Tetracosane (C24)	14.642	2544780	20.092 ug/ml
15) T n-Hexacosane (C26)	15.657	2490583	20.086 ug/ml
16) T n-Octacosane (C28)	16.602	2450651	20.446 ug/ml
17) T n-Tricontane (C30)	17.483	2373947	20.960 ug/ml
18) T n-Dotriacontane (C32)	18.312	2172881	21.338 ug/ml
19) T n-Tetratriacontane (C34)	19.091	1899266	21.286 ug/ml
20) T n-Hexatriacontane (C36)	19.827	1637605	21.572 ug/ml
21) T n-Octatriacontane (C38)	20.528	1417945	21.473 ug/ml
22) T n-Tetracontane (C40)	21.337	1259280	20.588 ug/ml

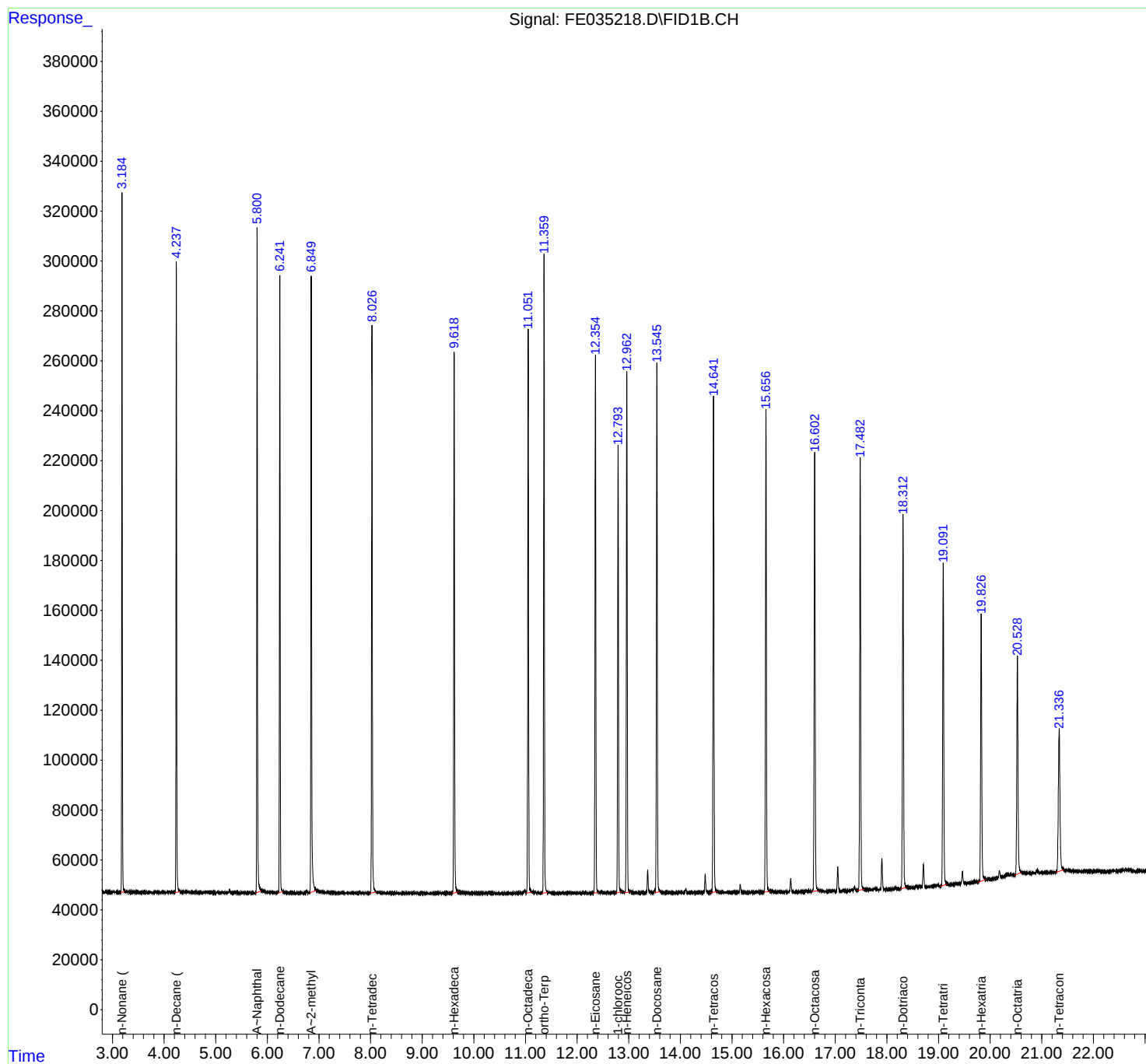
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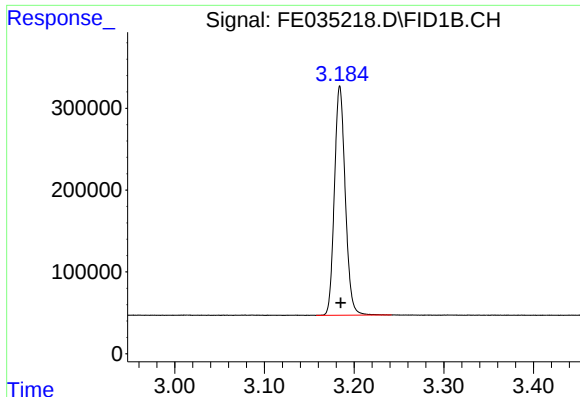
(m)=manual int.

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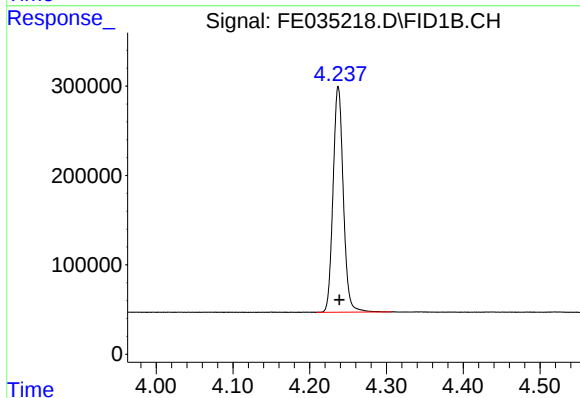
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Signal Info : 20M x 0.18mm x 0.18um





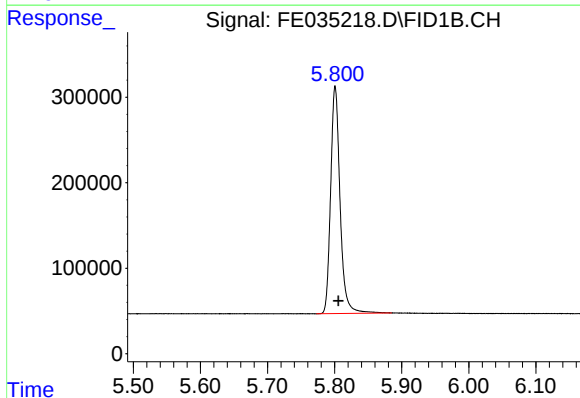
#1 n-Nonane (C9)

R.T.: 3.184 min
Delta R.T.: 0.000 min
Response: 2348520
Conc: 20.45 ug/ml



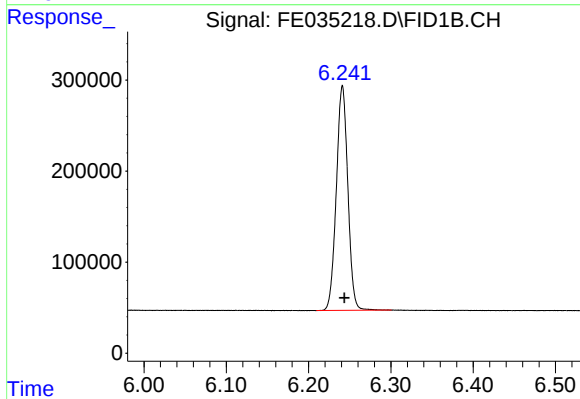
#2 n-Decane (C10)

R.T.: 4.237 min
Delta R.T.: -0.001 min
Response: 2343429
Conc: 20.57 ug/ml



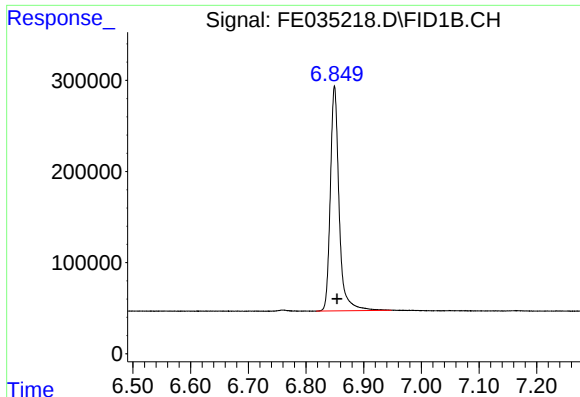
#3 A~Naphthalene (C11.7)

R.T.: 5.801 min
Delta R.T.: -0.005 min
Response: 2601076
Conc: 20.48 ug/ml



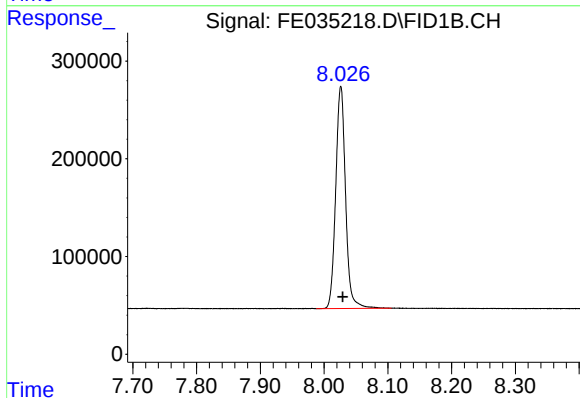
#4 n-Dodecane (C12)

R.T.: 6.241 min
Delta R.T.: -0.002 min
Response: 2402766
Conc: 20.44 ug/ml



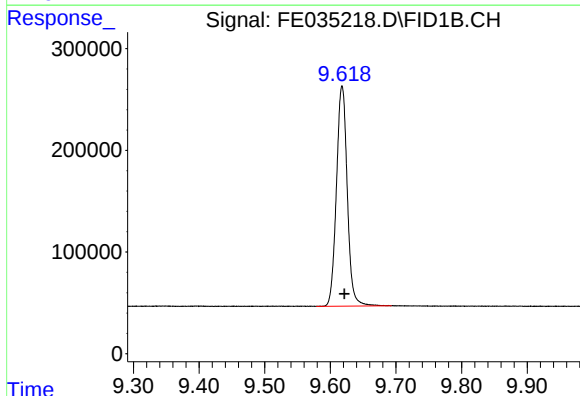
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.850 min
Delta R.T.: -0.004 min
Response: 2611442
Conc: 20.44 ug/ml



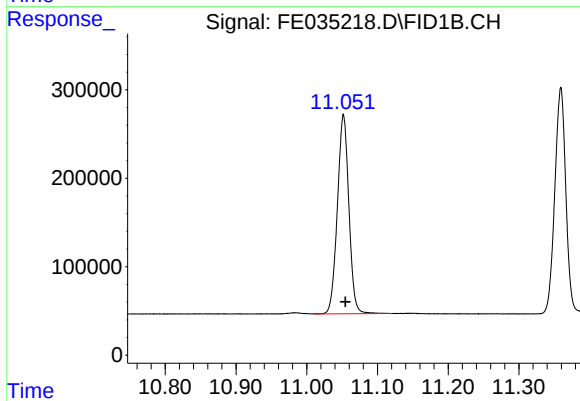
#6 n-Tetradecane (C14)

R.T.: 8.026 min
Delta R.T.: -0.003 min
Response: 2441185
Conc: 20.46 ug/ml



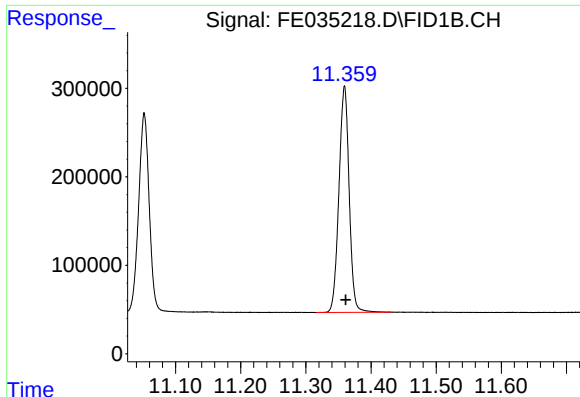
#7 n-Hexadecane (C16)

R.T.: 9.618 min
Delta R.T.: -0.003 min
Response: 2479560
Conc: 20.35 ug/ml



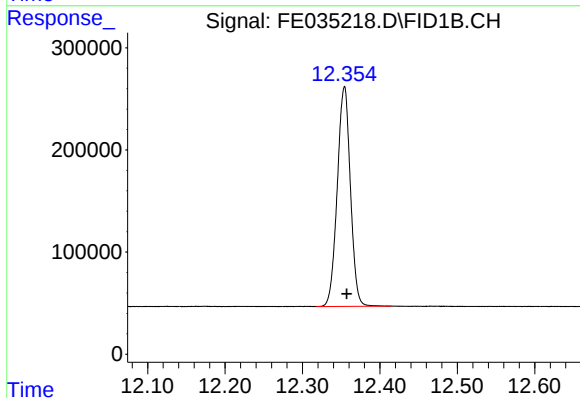
#8 n-Octadecane (C18)

R.T.: 11.052 min
Delta R.T.: -0.003 min
Response: 2544276
Conc: 20.30 ug/ml



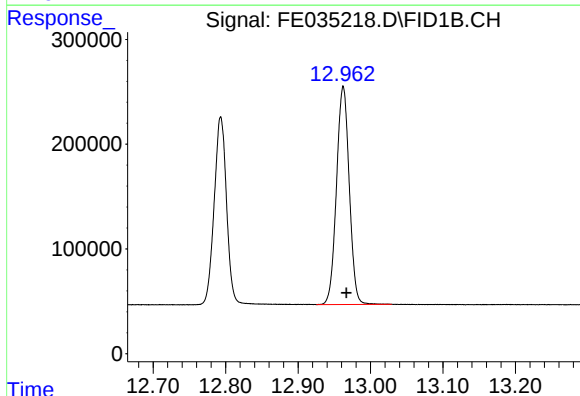
#9 ortho-Terphenyl (SURR)

R.T.: 11.359 min
Delta R.T.: -0.002 min
Response: 2788997
Conc: 20.14 ug/ml



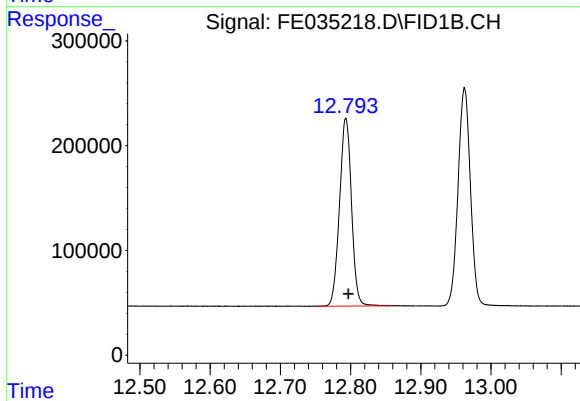
#10 n-Eicosane (C20)

R.T.: 12.354 min
Delta R.T.: -0.003 min
Response: 2540380
Conc: 20.09 ug/ml



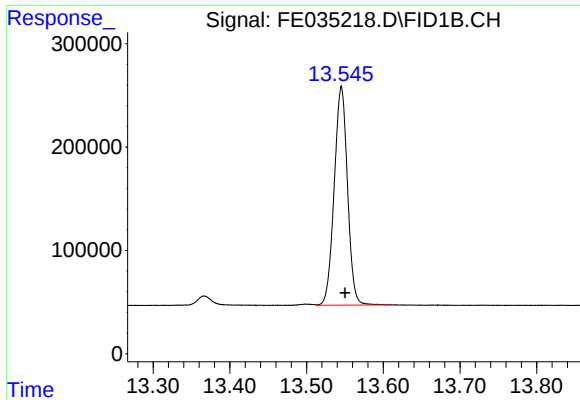
#11 n-Heneicosane (C21)

R.T.: 12.962 min
Delta R.T.: -0.004 min
Response: 2550000
Conc: 20.02 ug/ml



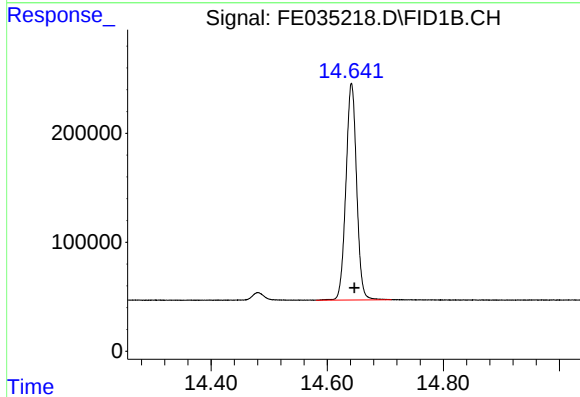
#12 1-chlorooctadecane (SURR)

R.T.: 12.793 min
Delta R.T.: -0.003 min
Response: 2123264
Conc: 19.60 ug/ml



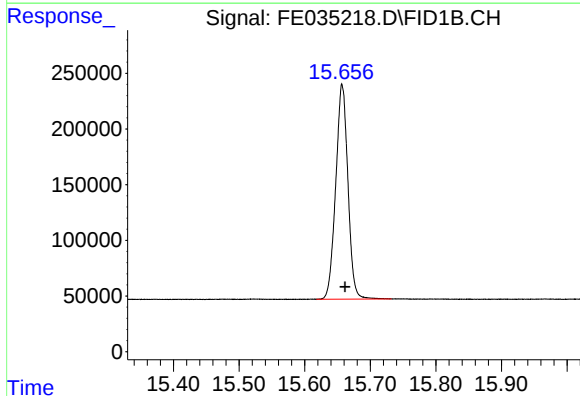
#13 n-Docosane (C22)

R.T.: 13.545 min
Delta R.T.: -0.005 min
Response: 2545276
Conc: 20.04 ug/ml



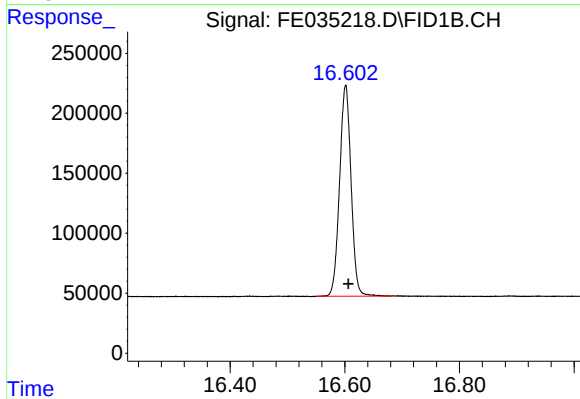
#14 n-Tetracosane (C24)

R.T.: 14.642 min
Delta R.T.: -0.005 min
Response: 2544780
Conc: 20.09 ug/ml



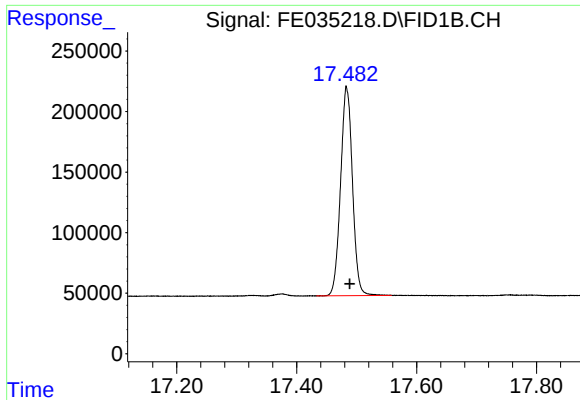
#15 n-Hexacosane (C26)

R.T.: 15.657 min
Delta R.T.: -0.005 min
Response: 2490583
Conc: 20.09 ug/ml



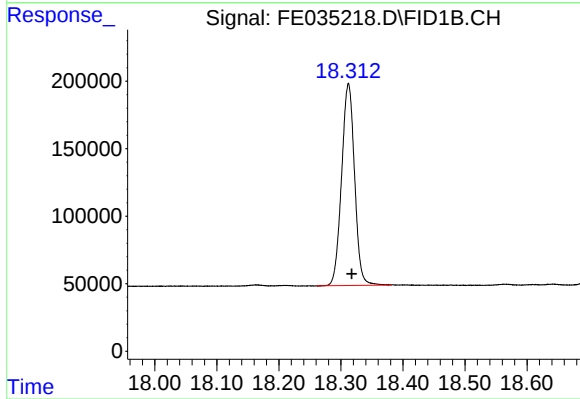
#16 n-Octacosane (C28)

R.T.: 16.602 min
Delta R.T.: -0.004 min
Response: 2450651
Conc: 20.45 ug/ml



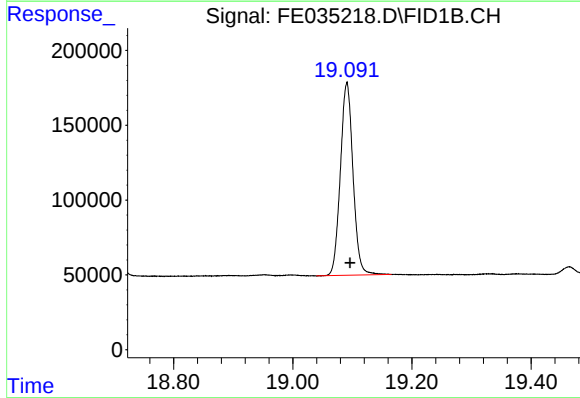
#17 n-Tricontane (C30)

R.T.: 17.483 min
Delta R.T.: -0.005 min
Response: 2373947
Conc: 20.96 ug/ml



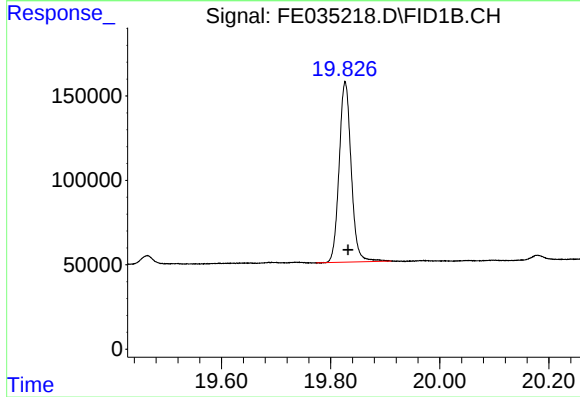
#18 n-Dotriacontane (C32)

R.T.: 18.312 min
Delta R.T.: -0.005 min
Response: 2172881
Conc: 21.34 ug/ml



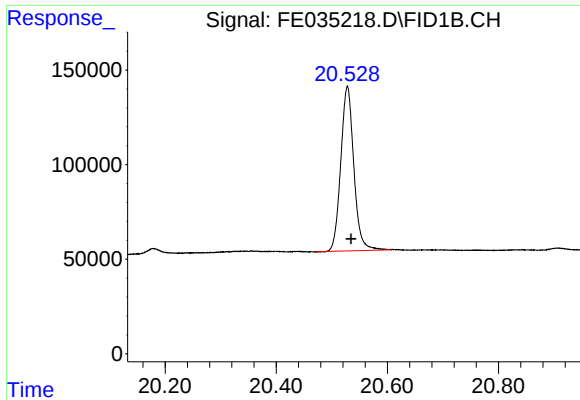
#19 n-Tetratriacontane (C34)

R.T.: 19.091 min
Delta R.T.: -0.005 min
Response: 1899266
Conc: 21.29 ug/ml



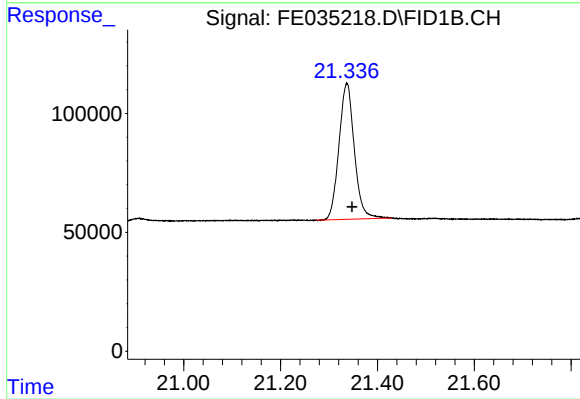
#20 n-Hexatriacontane (C36)

R.T.: 19.827 min
Delta R.T.: -0.005 min
Response: 1637605
Conc: 21.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.528 min
Delta R.T.: -0.007 min
Response: 1417945
Conc: 21.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.337 min
Delta R.T.: -0.011 min
Response: 1259280
Conc: 20.59 ug/ml