

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112321AL\
 Data File : FD039619.D
 Signal(s) : FID2B.CH
 Acq On : 23 Nov 2021 21:36
 Operator : AJ\MA
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 24 01:30:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 112321.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 24 01:28:26 2021
 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)	11.656	647733	5.062 ug/ml
Spiked Amount 50.000		Recovery =	10.12%
12) S 1-chlorooctadecane (S...	13.083	494020	4.993 ug/ml
Spiked Amount 50.000		Recovery =	9.99%
Target Compounds			
1) T n-Nonane (C9)	3.419	579649	5.071 ug/ml
2) T n-Decane (C10)	4.487	582238	5.056 ug/ml
3) T A~Naphthalene (C11.7)	6.080	636583	4.982 ug/ml
4) T n-Dodecane (C12)	6.502	586093	5.088 ug/ml
5) T A~2-methylnaphthalene...	7.135	627446	4.899 ug/ml
6) T n-Tetradecane (C14)	8.295	588043	5.065 ug/ml
7) T n-Hexadecane (C16)	9.892	592213	5.071 ug/ml
8) T n-Octadecane (C18)	11.331	606145	5.080 ug/ml
10) T n-Eicosane (C20)	12.638	601680	5.105 ug/ml
11) T n-Heneicosane (C21)	13.248	598636	5.067 ug/ml
13) T n-Docosane (C22)	13.833	590660	5.075 ug/ml
14) T n-Tetracosane (C24)	14.933	607732	5.222 ug/ml
15) T n-Hexacosane (C26)	15.951	560000	5.046 ug/ml
16) T n-Octacosane (C28)	16.898	539232	5.019 ug/ml
17) T n-Tricontane (C30)	17.781	555576	5.268 ug/ml
18) T n-Dotriacontane (C32)	18.610	557392	5.479 ug/ml
19) T n-Tetratriacontane (C34)	19.390	523622	5.324 ug/ml
20) T n-Hexatriacontane (C36)	20.128	502564	5.303 ug/ml
21) T n-Octatriacontane (C38)	20.866	485259	5.259 ug/ml
22) T n-Tetracontane (C40)	21.784	501172	5.275 ug/ml

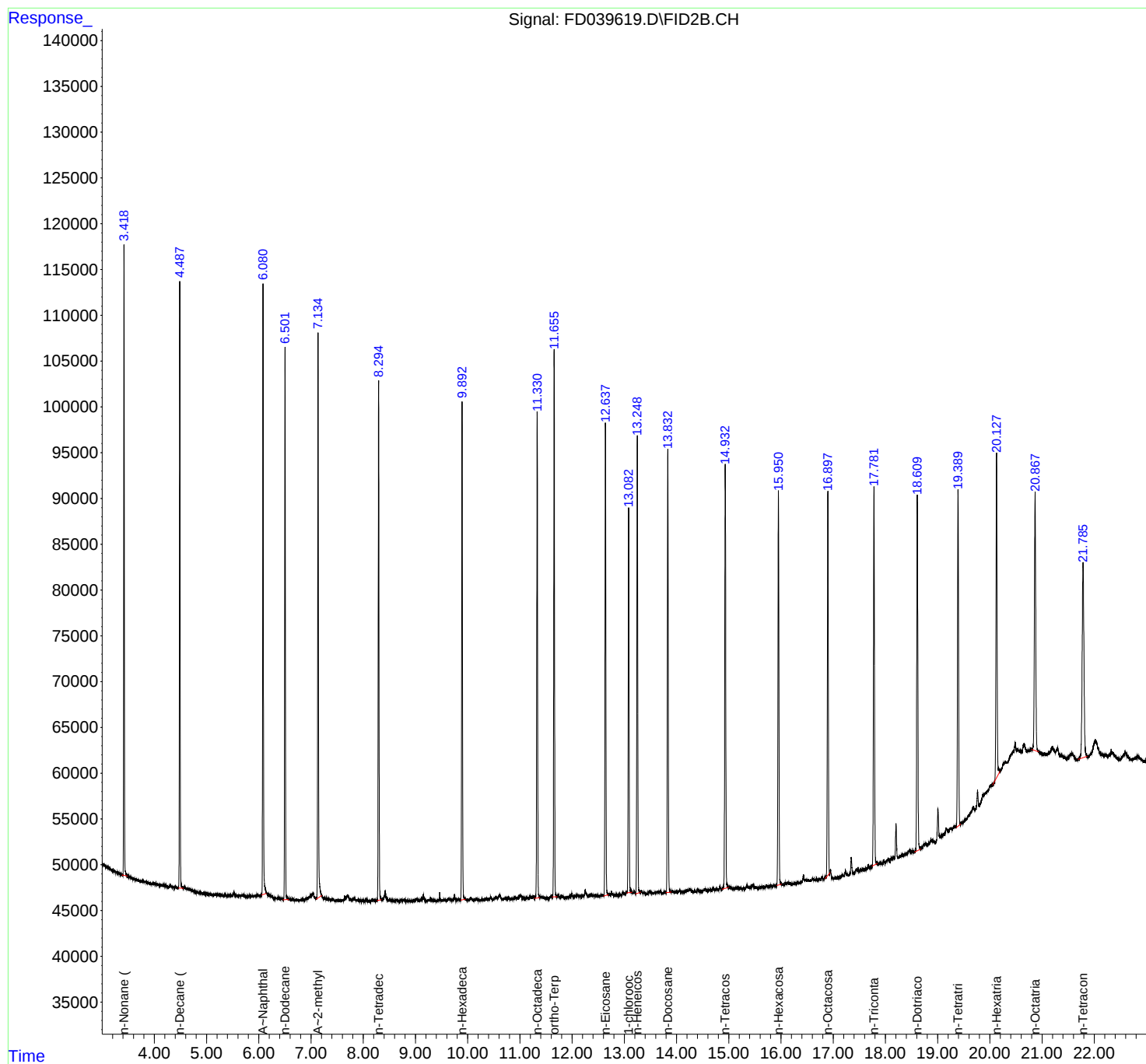
(f)=RT Delta > 1/2 Window

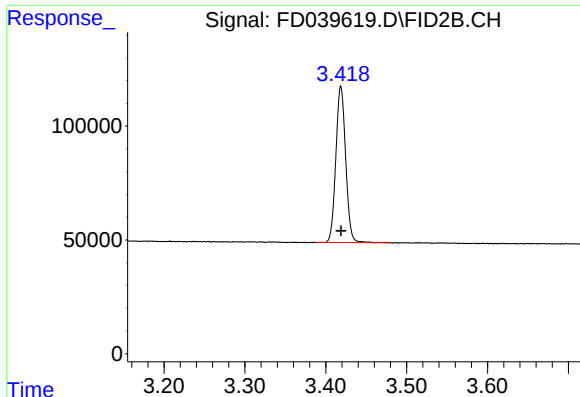
(m)=manual int.

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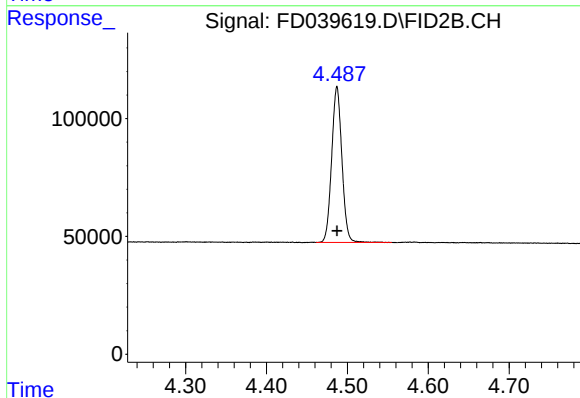
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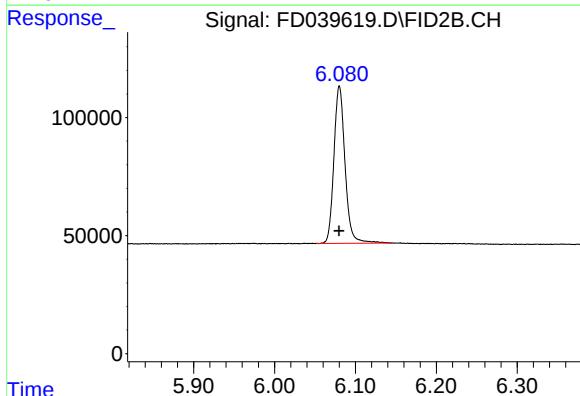
#1 n-Nonane (C9)

R.T.: 3.419 min
Delta R.T.: 0.000 min
Response: 579649
Conc: 5.07 ug/ml



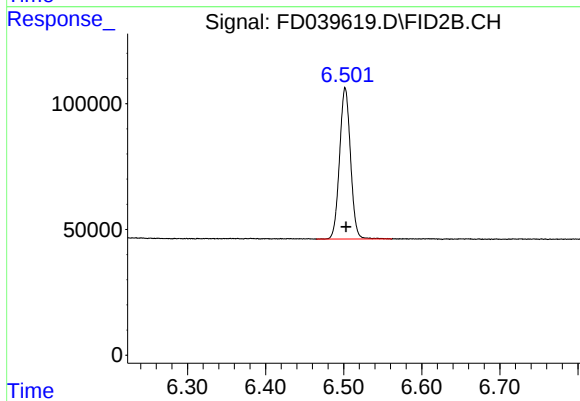
#2 n-Decane (C10)

R.T.: 4.487 min
Delta R.T.: 0.000 min
Response: 582238
Conc: 5.06 ug/ml



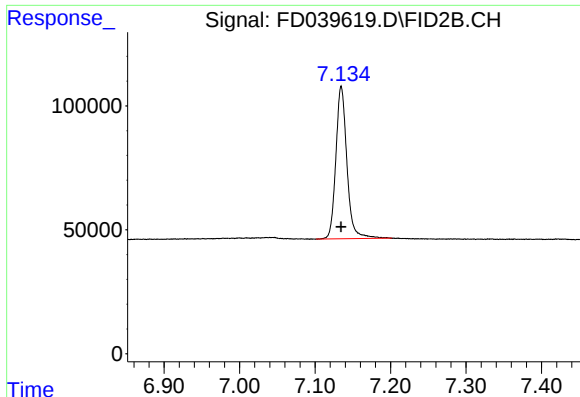
#3 A~Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 636583
Conc: 4.98 ug/ml



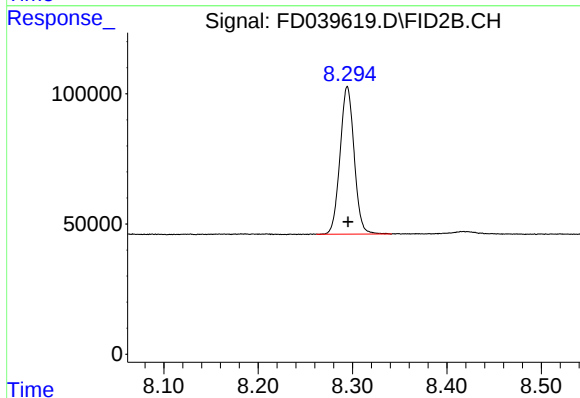
#4 n-Dodecane (C12)

R.T.: 6.502 min
Delta R.T.: -0.001 min
Response: 586093
Conc: 5.09 ug/ml



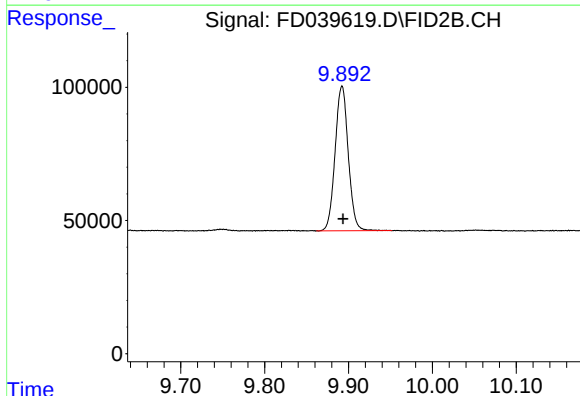
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 627446
Conc: 4.90 ug/ml



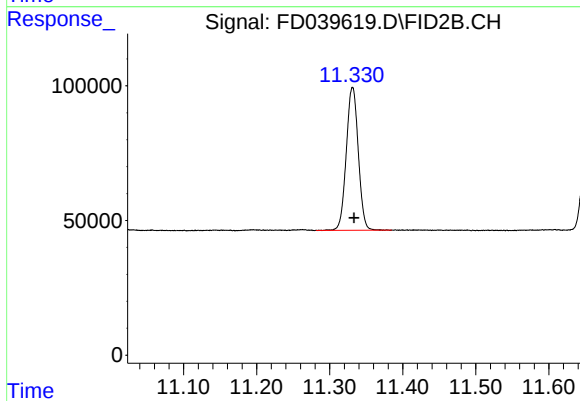
#6 n-Tetradecane (C14)

R.T.: 8.295 min
Delta R.T.: 0.000 min
Response: 588043
Conc: 5.07 ug/ml



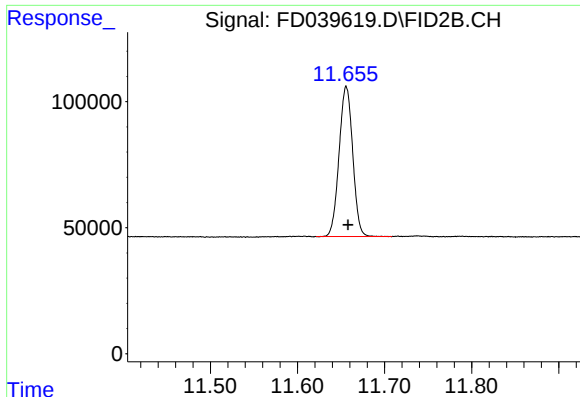
#7 n-Hexadecane (C16)

R.T.: 9.892 min
Delta R.T.: -0.001 min
Response: 592213
Conc: 5.07 ug/ml



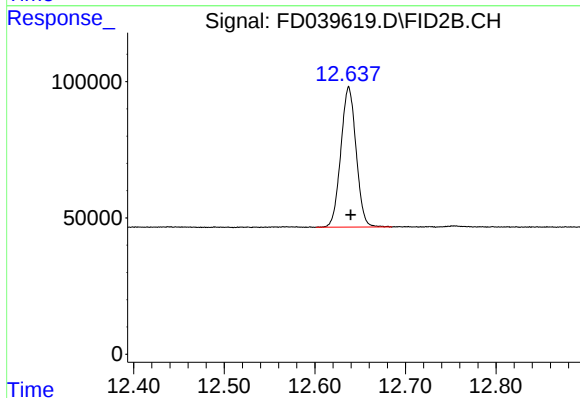
#8 n-Octadecane (C18)

R.T.: 11.331 min
Delta R.T.: -0.002 min
Response: 606145
Conc: 5.08 ug/ml



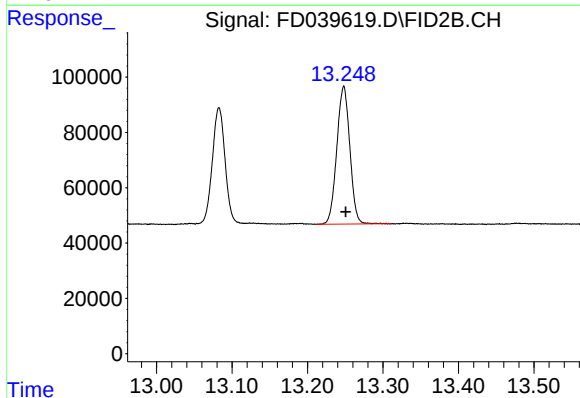
#9 ortho-Terphenyl (SURR)

R.T.: 11.656 min
Delta R.T.: -0.002 min
Response: 647733
Conc: 5.06 ug/ml



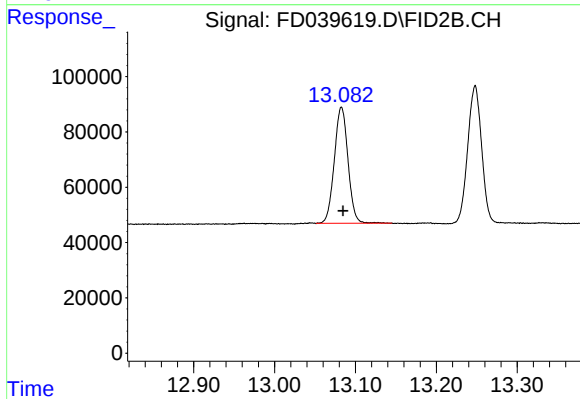
#10 n-Eicosane (C20)

R.T.: 12.638 min
Delta R.T.: -0.002 min
Response: 601680
Conc: 5.11 ug/ml



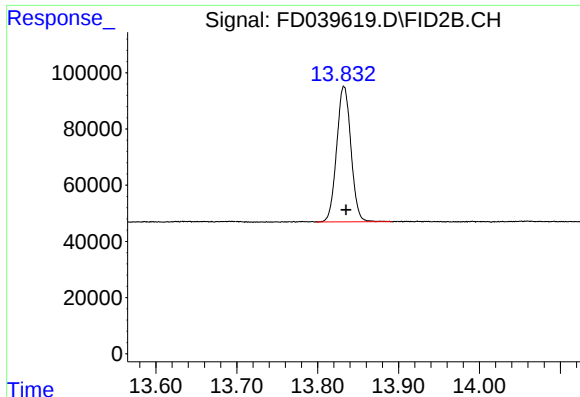
#11 n-Heneicosane (C21)

R.T.: 13.248 min
Delta R.T.: -0.003 min
Response: 598636
Conc: 5.07 ug/ml



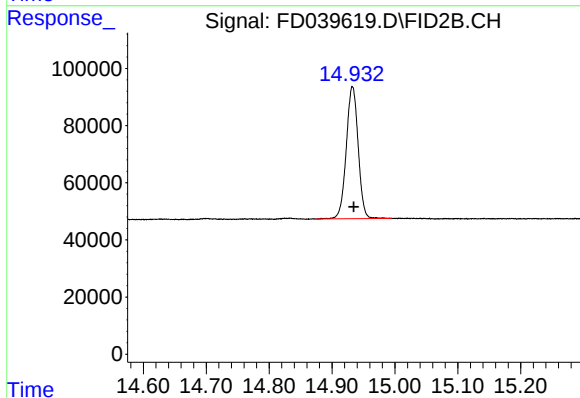
#12 1-chlorooctadecane (SURR)

R.T.: 13.083 min
Delta R.T.: -0.002 min
Response: 494020
Conc: 4.99 ug/ml



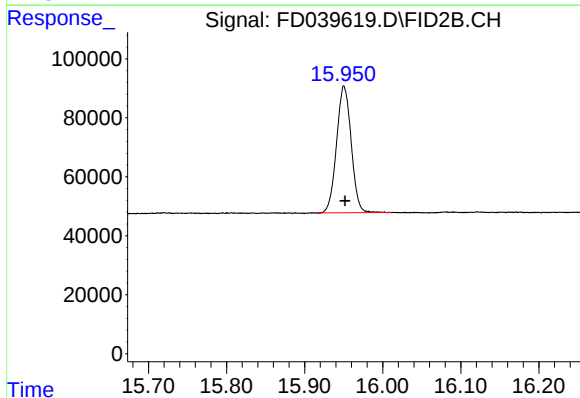
#13 n-Docosane (C22)

R.T.: 13.833 min
Delta R.T.: -0.003 min
Response: 590660
Conc: 5.08 ug/ml



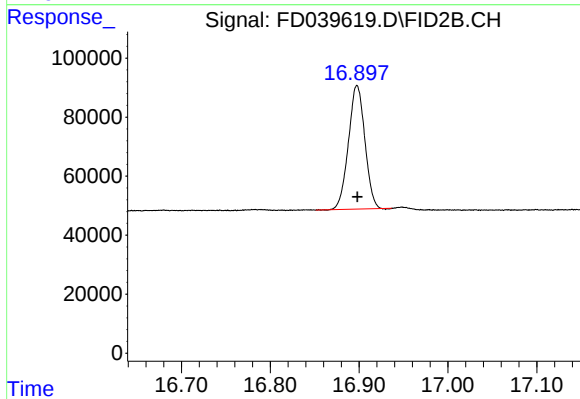
#14 n-Tetracosane (C24)

R.T.: 14.933 min
Delta R.T.: -0.002 min
Response: 607732
Conc: 5.22 ug/ml



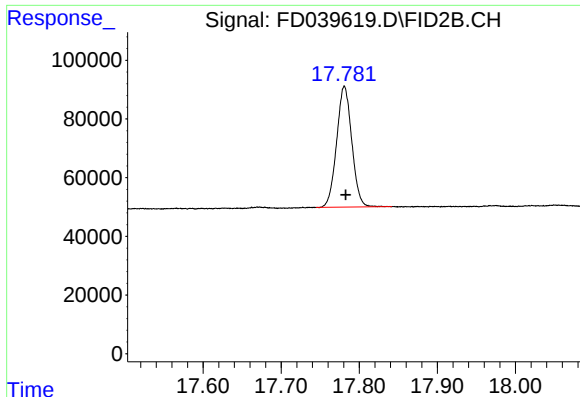
#15 n-Hexacosane (C26)

R.T.: 15.951 min
Delta R.T.: -0.001 min
Response: 560000
Conc: 5.05 ug/ml



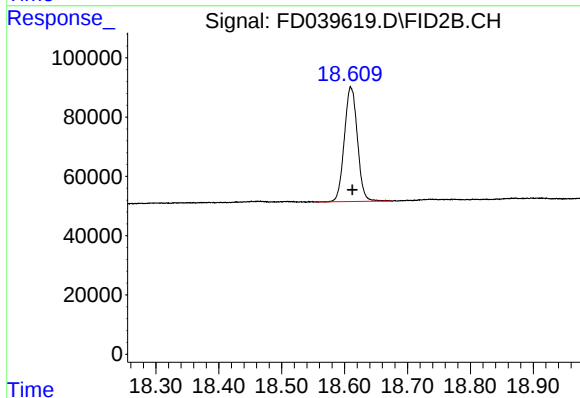
#16 n-Octacosane (C28)

R.T.: 16.898 min
Delta R.T.: 0.000 min
Response: 539232
Conc: 5.02 ug/ml



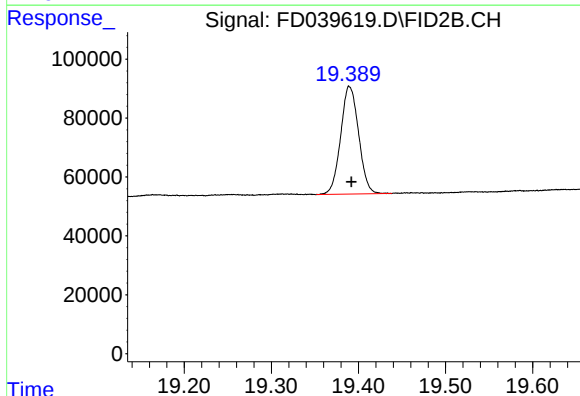
#17 n-Tricontane (C30)

R.T.: 17.781 min
Delta R.T.: -0.002 min
Response: 555576
Conc: 5.27 ug/ml



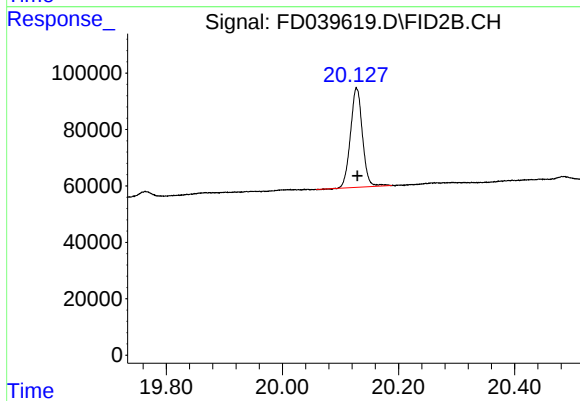
#18 n-Dotriacontane (C32)

R.T.: 18.610 min
Delta R.T.: -0.002 min
Response: 557392
Conc: 5.48 ug/ml



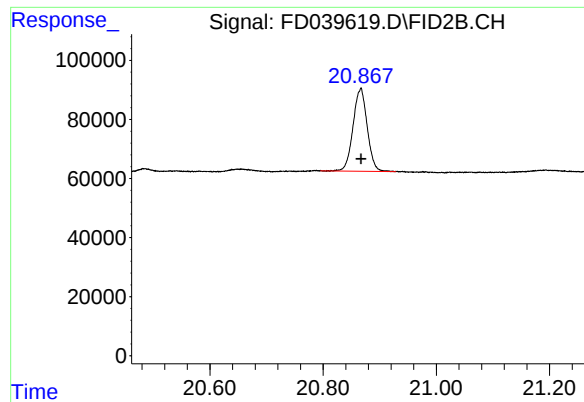
#19 n-Tetratriacontane (C34)

R.T.: 19.390 min
Delta R.T.: -0.002 min
Response: 523622
Conc: 5.32 ug/ml



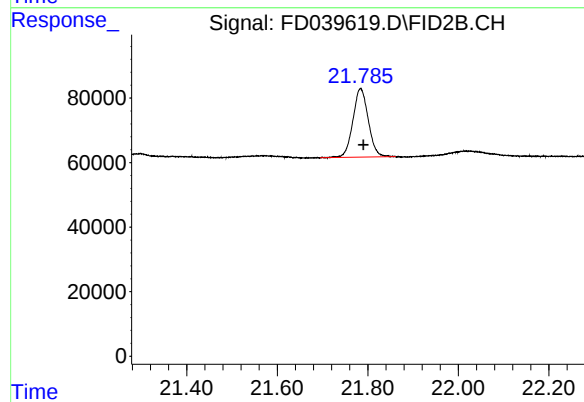
#20 n-Hexatriacontane (C36)

R.T.: 20.128 min
Delta R.T.: -0.002 min
Response: 502564
Conc: 5.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.866 min
Delta R.T.: -0.001 min
Response: 485259
Conc: 5.26 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.784 min
Delta R.T.: -0.006 min
Response: 501172
Conc: 5.28 ug/ml