

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101019AL\
 Data File : FD030982.D
 Signal(s) : FID2B.CH
 Acq On : 11 Oct 2019 3:43
 Operator : DD\AJ
 Sample : K5111-01
 Misc : LOD 2.5 PPM
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2019

Integration File: autoint1.e
 Quant Time: Oct 11 07:26:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 03:19:09 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)	11.446	369240	2.632 ug/ml
Spiked Amount 50.000		Recovery =	5.26%
12) S 1-chlorooctadecane (S...	12.879	3736394	34.437 ug/ml
Spiked Amount 50.000		Recovery =	68.87%
Target Compounds			
1) T n-Nonane (C9)	3.279	173854	1.480 ug/ml
2) T n-Decane (C10)	4.333	215689	1.837 ug/ml
3) T A~Naphthalene (C11.7)	5.907	156873	1.202 ug/ml
4) T n-Dodecane (C12)	6.334	303645	2.552 ug/ml
5) T A~2-methylnaphthalene...	6.955	145345	1.103 ug/ml
6) T n-Tetradecane (C14)	8.116	301853	2.505 ug/ml
7) T n-Hexadecane (C16)	9.705	271909	2.223 ug/ml
8) T n-Octadecane (C18)	11.136	280652	2.253 ug/ml
10) T n-Eicosane (C20)	12.434	276375	2.192 ug/ml
11) T n-Heneicosane (C21)	13.042	268988	2.104 ug/ml
13) T n-Docosane (C22)	13.624	272633	2.128 ug/ml
14) T n-Tetracosane (C24)	14.717	275516	2.123 ug/ml
15) T n-Hexacosane (C26)	15.730	257925	1.986 ug/ml
16) T n-Octacosane (C28)	16.671	269591	2.082 ug/ml
17) T n-Tricontane (C30)	17.550	278510	2.144 ug/ml
18) T n-Dotriacontane (C32)	18.377	276059	2.192 ug/ml
19) T n-Tetratriacontane (C34)	19.152	248542	2.042 ug/ml
20) T n-Hexatriacontane (C36)	19.885	207647	1.800 ug/ml
21) T n-Octatriacontane (C38)	20.588	195714	1.856 ug/ml
22) T n-Tetracontane (C40)	21.420	195311	1.846 ug/ml

(f)=RT Delta > 1/2 Window

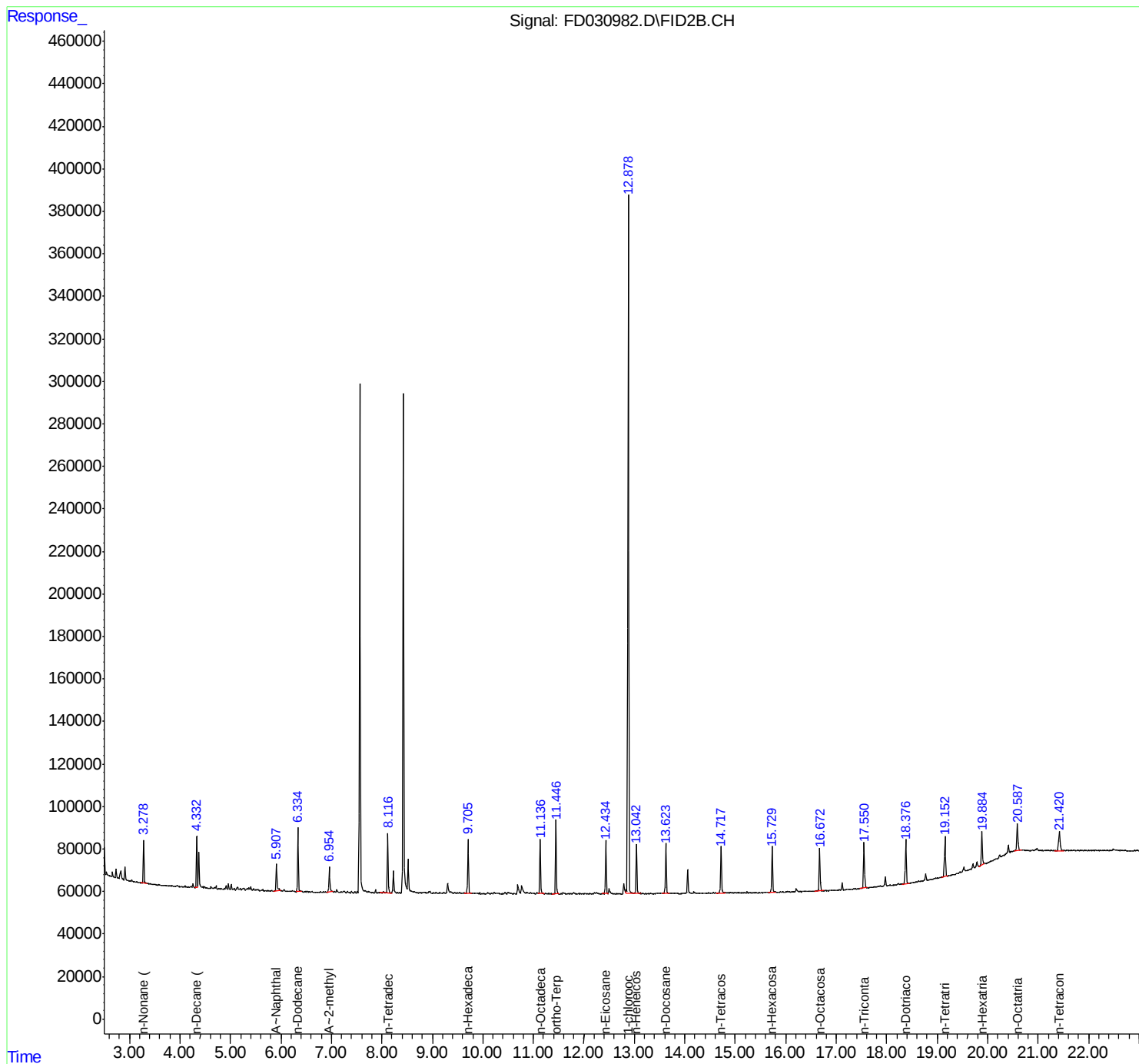
(m)=manual int.

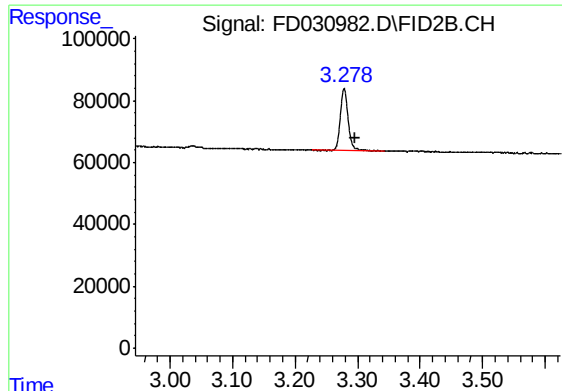
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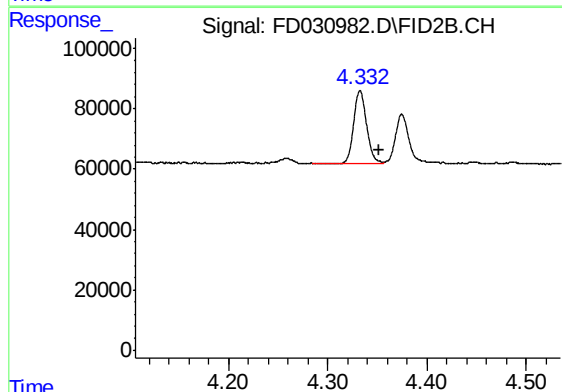




#1 n-Nonane (C9)

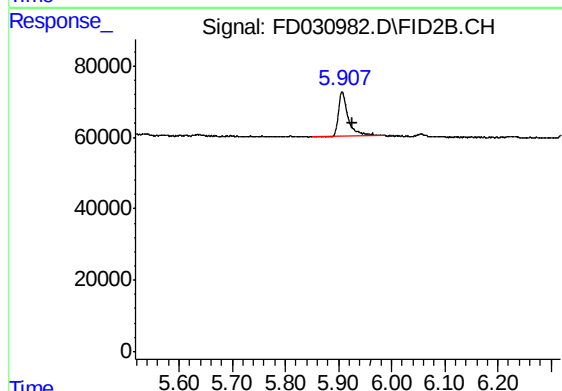
R.T.: 3.279 min
Delta R.T.: -0.016 min
Response: 173854
Conc: 1.48 ug/ml

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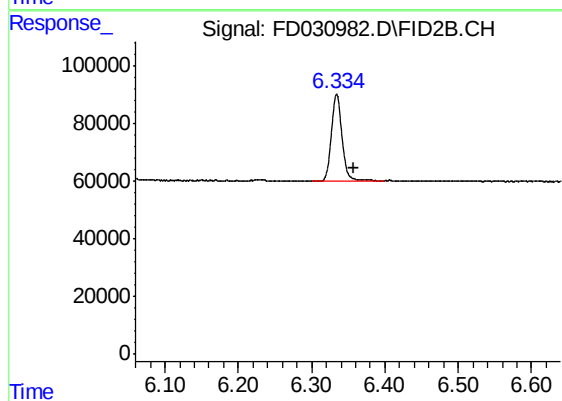
#2 n-Decane (C10)

R.T.: 4.333 min
Delta R.T.: -0.020 min
Response: 215689
Conc: 1.84 ug/ml



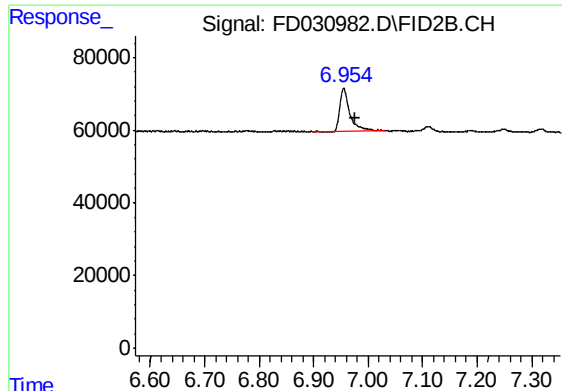
#3 A~Naphthalene (C11.7)

R.T.: 5.907 min
Delta R.T.: -0.018 min
Response: 156873
Conc: 1.20 ug/ml



#4 n-Dodecane (C12)

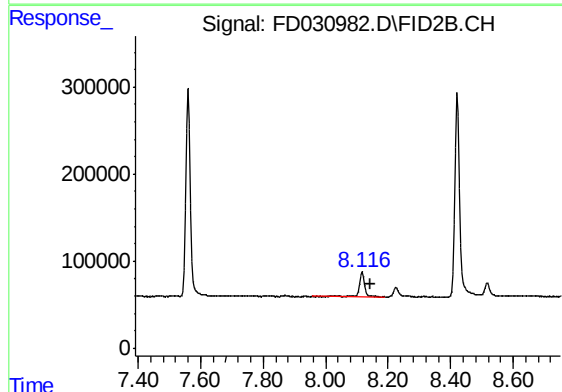
R.T.: 6.334 min
Delta R.T.: -0.023 min
Response: 303645
Conc: 2.55 ug/ml



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

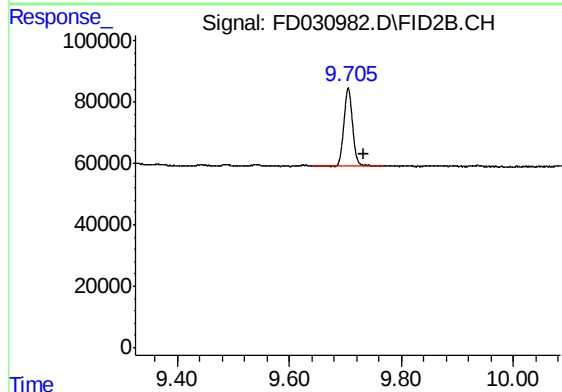
R.T.: 6.955 min
Delta R.T.: -0.021 min
Response: 145345
Conc: 1.10 ug/ml

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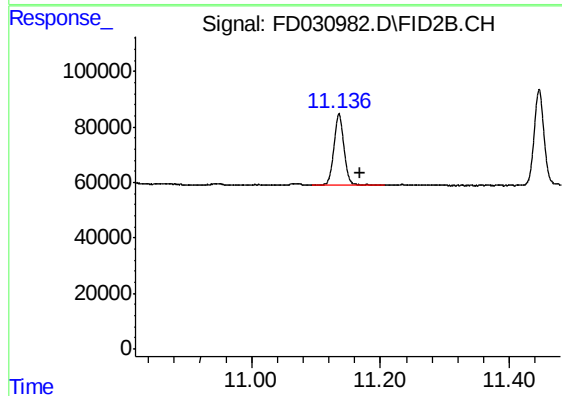
#6 n-Tetradecane (C14)

R.T.: 8.116 min
Delta R.T.: -0.026 min
Response: 301853
Conc: 2.50 ug/ml



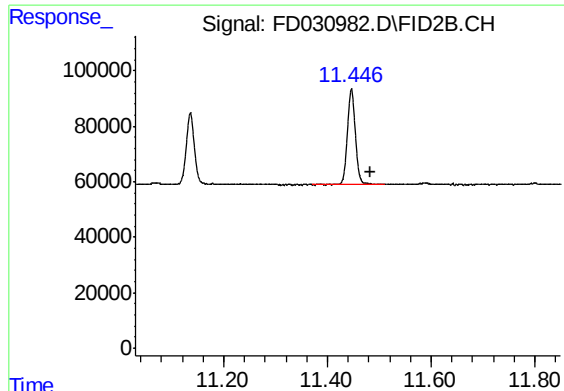
#7 n-Hexadecane (C16)

R.T.: 9.705 min
Delta R.T.: -0.029 min
Response: 271909
Conc: 2.22 ug/ml



#8 n-Octadecane (C18)

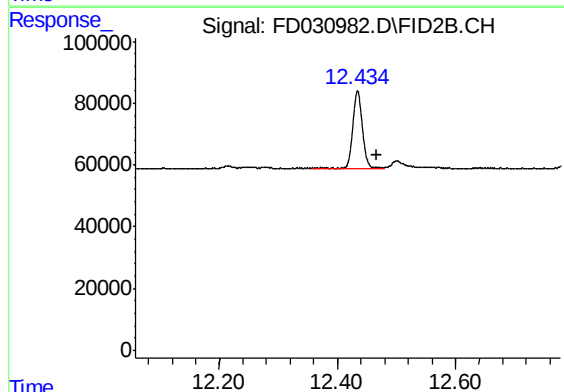
R.T.: 11.136 min
Delta R.T.: -0.033 min
Response: 280652
Conc: 2.25 ug/ml



#9 ortho-Terphenyl (SURR)

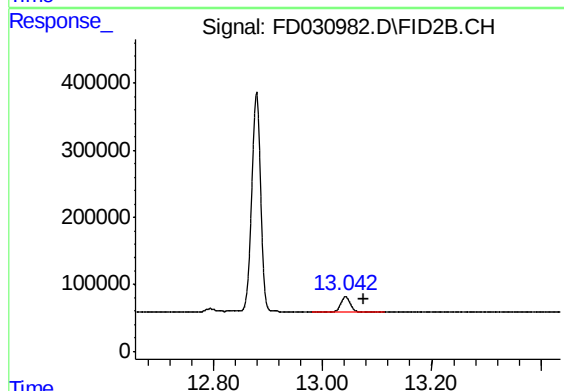
R.T.: 11.446 min
Delta R.T.: -0.035 min
Response: 369240
Conc: 2.63 ug/ml

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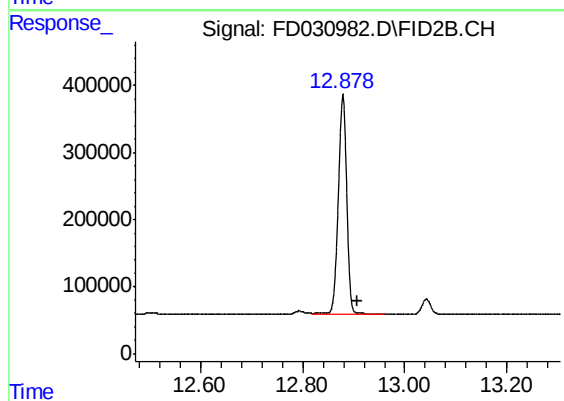
#10 n-Eicosane (C20)

R.T.: 12.434 min
Delta R.T.: -0.033 min
Response: 276375
Conc: 2.19 ug/ml



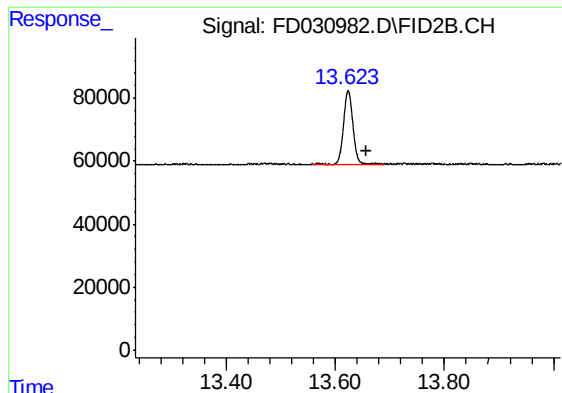
#11 n-Heneicosane (C21)

R.T.: 13.042 min
Delta R.T.: -0.033 min
Response: 268988
Conc: 2.10 ug/ml



#12 1-chlorooctadecane (SURR)

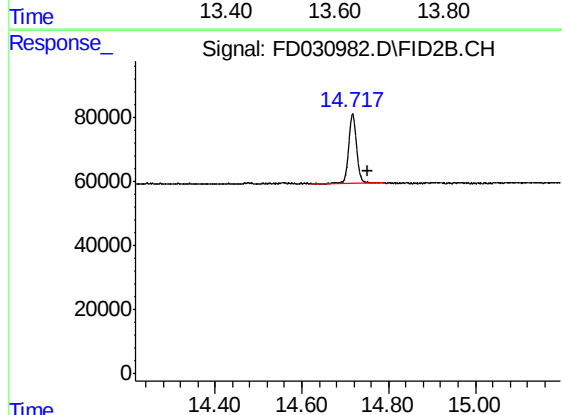
R.T.: 12.879 min
Delta R.T.: -0.029 min
Response: 3736394
Conc: 34.44 ug/ml



#13 n-Docosane (C22)

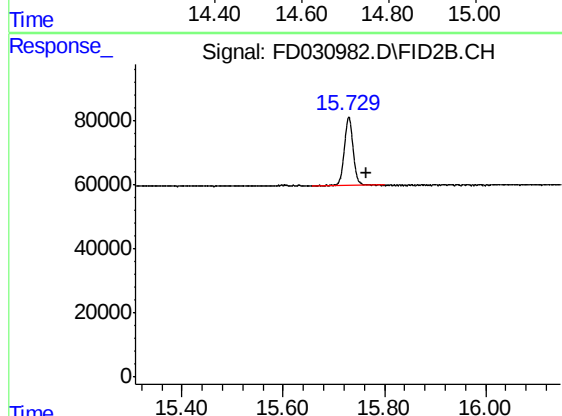
R.T.: 13.624 min
Delta R.T.: -0.034 min
Response: 272633
Conc: 2.13 ug/ml

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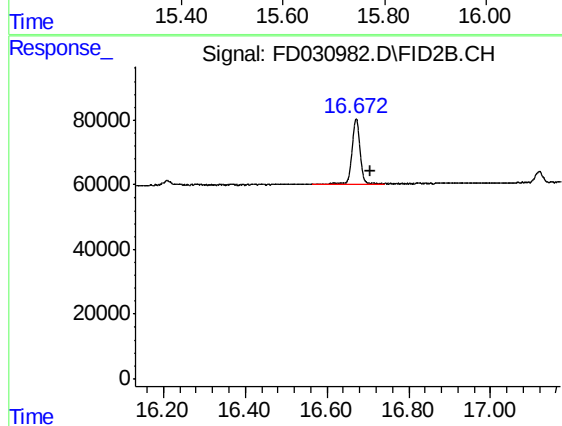
#14 n-Tetracosane (C24)

R.T.: 14.717 min
Delta R.T.: -0.035 min
Response: 275516
Conc: 2.12 ug/ml



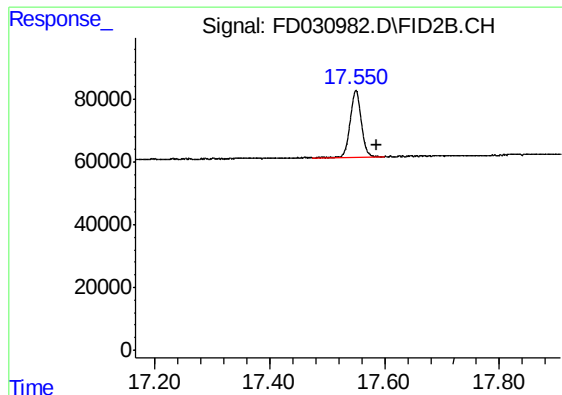
#15 n-Hexacosane (C26)

R.T.: 15.730 min
Delta R.T.: -0.035 min
Response: 257925
Conc: 1.99 ug/ml



#16 n-Octacosane (C28)

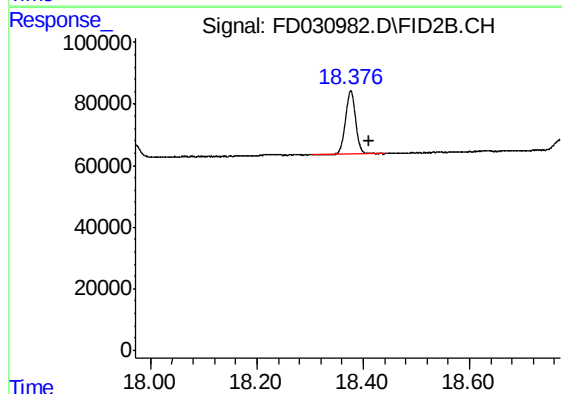
R.T.: 16.671 min
Delta R.T.: -0.035 min
Response: 269591
Conc: 2.08 ug/ml



#17 n-Tricontane (C30)

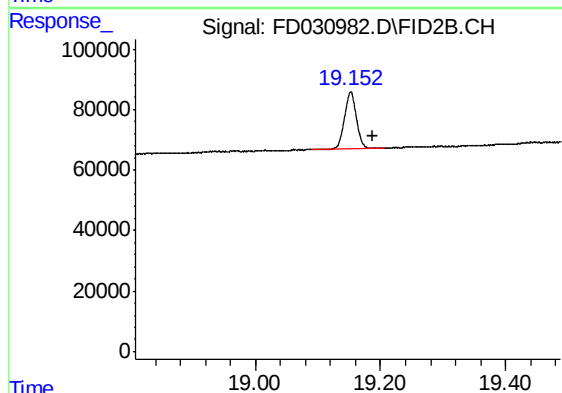
R.T.: 17.550 min
Delta R.T.: -0.037 min
Response: 278510
Conc: 2.14 ug/ml

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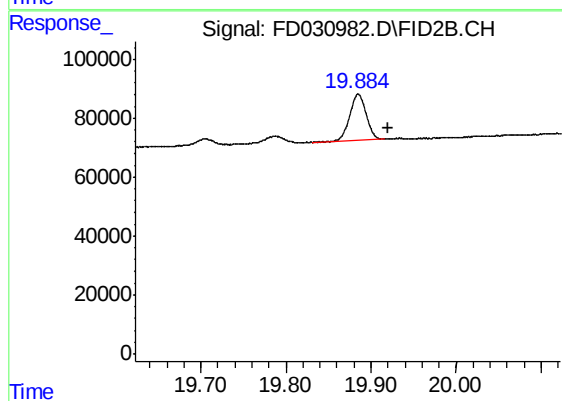
#18 n-Dotriacontane (C32)

R.T.: 18.377 min
Delta R.T.: -0.035 min
Response: 276059
Conc: 2.19 ug/ml



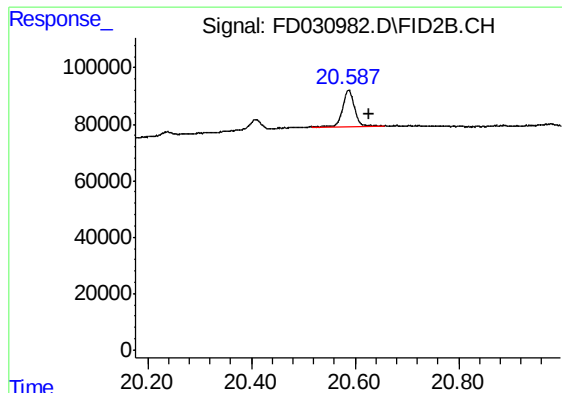
#19 n-Tetratriacontane (C34)

R.T.: 19.152 min
Delta R.T.: -0.036 min
Response: 248542
Conc: 2.04 ug/ml



#20 n-Hexatriacontane (C36)

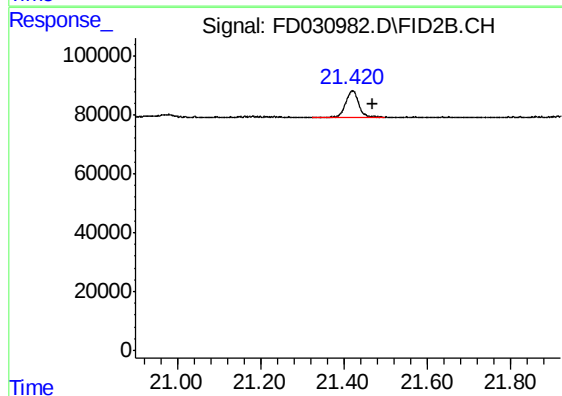
R.T.: 19.885 min
Delta R.T.: -0.035 min
Response: 207647
Conc: 1.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.588 min
Delta R.T.: -0.039 min
Response: 195714
Conc: 1.86 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.420 min
Delta R.T.: -0.049 min
Response: 195311
Conc: 1.85 ug/ml