

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101019AL\
 Data File : FD030978.D
 Signal(s) : FID2B.CH
 Acq On : 11 Oct 2019 1:21
 Operator : DD\AJ
 Sample : K5111-07
 Misc : LOD 2.5 PPM
 ALS Vial : 23 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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 10/14/2019 8:32:37 AM

Integration File: autoint1.e
 Quant Time: Oct 11 03:31:58 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	365535	2.606 ug/mlm
Spiked Amount 50.000		Recovery =	5.21%
12) S 1-chlorooctadecane (S...	12.879	3696051	34.065 ug/ml
Spiked Amount 50.000		Recovery =	68.13%
Target Compounds			
1) T n-Nonane (C9)	3.279	174558	1.486 ug/ml
2) T n-Decane (C10)	4.333	216609	1.845 ug/ml
3) T A~Naphthalene (C11.7)	5.907	167979	1.287 ug/mlm
4) T n-Dodecane (C12)	6.334	293415	2.466 ug/mlm
5) T A~2-methylnaphthalene...	6.955	149618	1.135 ug/mlm
6) T n-Tetradecane (C14)	8.117	290888	2.414 ug/ml
7) T n-Hexadecane (C16)	9.705	268540	2.196 ug/ml
8) T n-Octadecane (C18)	11.136	280382	2.251 ug/ml
10) T n-Eicosane (C20)	12.435	273109	2.166 ug/ml
11) T n-Heneicosane (C21)	13.042	266113	2.081 ug/ml
13) T n-Docosane (C22)	13.624	271143	2.117 ug/ml
14) T n-Tetracosane (C24)	14.718	275232	2.121 ug/ml
15) T n-Hexacosane (C26)	15.730	258601	1.991 ug/ml
16) T n-Octacosane (C28)	16.671	267370	2.065 ug/ml
17) T n-Tricontane (C30)	17.550	288646	2.222 ug/ml
18) T n-Dotriacontane (C32)	18.376	282528	2.243 ug/ml
19) T n-Tetratriacontane (C34)	19.152	259290	2.130 ug/ml
20) T n-Hexatriacontane (C36)	19.885	214711	1.861 ug/ml
21) T n-Octatriacontane (C38)	20.588	200790	1.904 ug/ml
22) T n-Tetracontane (C40)	21.419f	191663	1.811 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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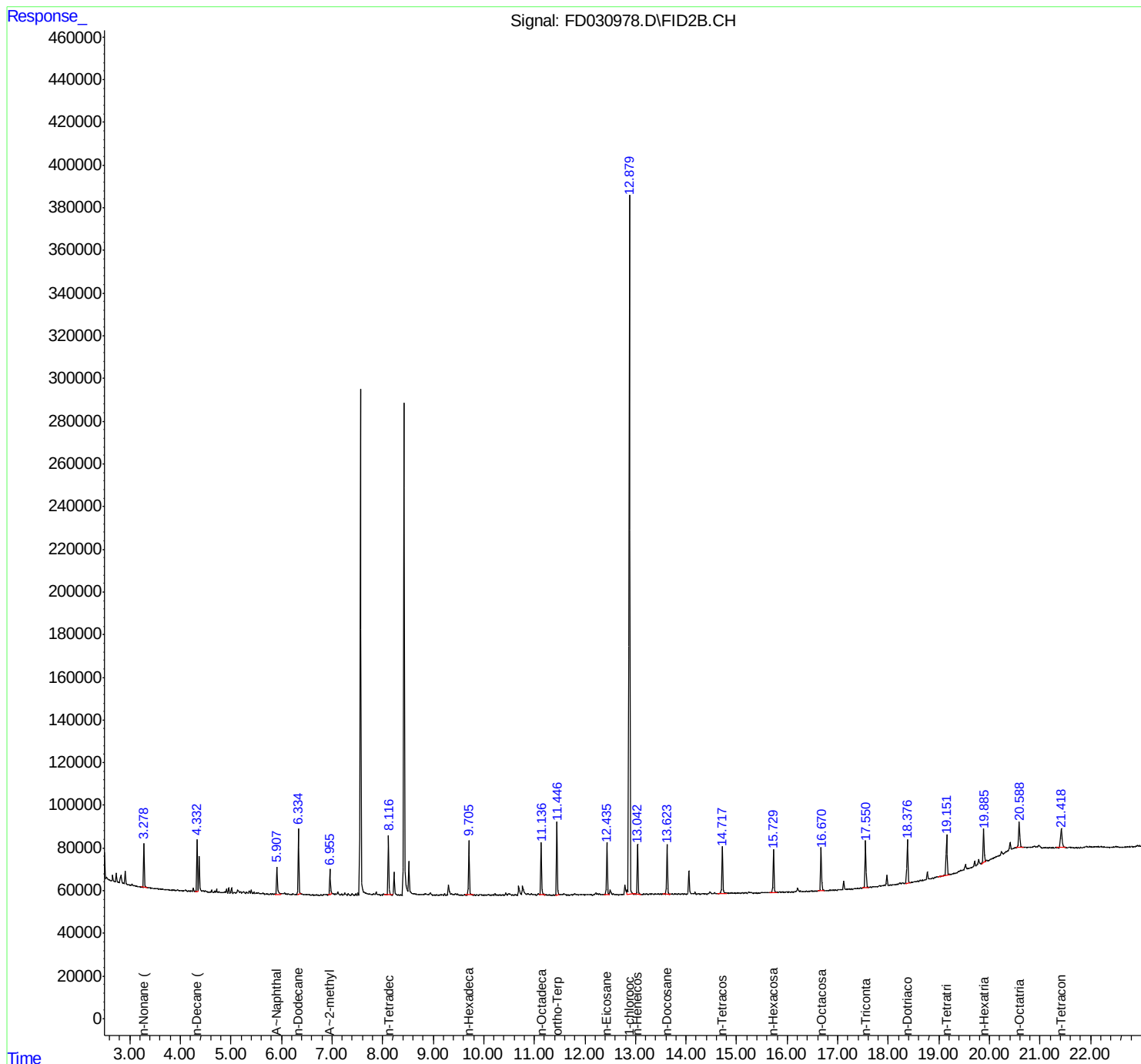
Instrument :
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LOD-MDL-WATER-01-QT4-2019

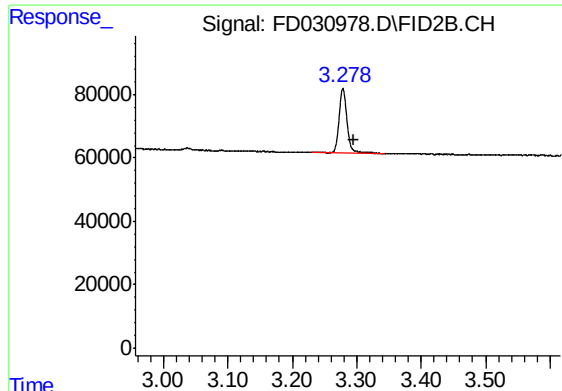
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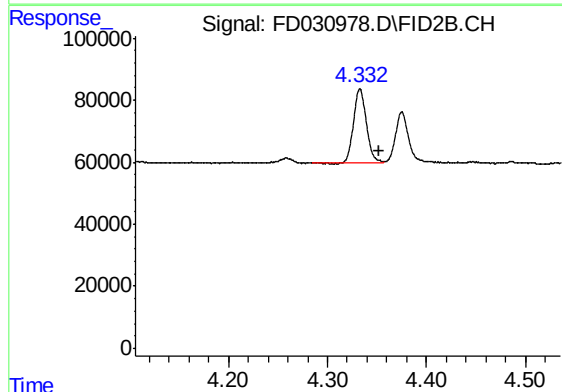
#1 n-Nonane (C9)

R.T.: 3.279 min
Delta R.T.: -0.016 min
Response: 174558
Conc: 1.49 ug/ml

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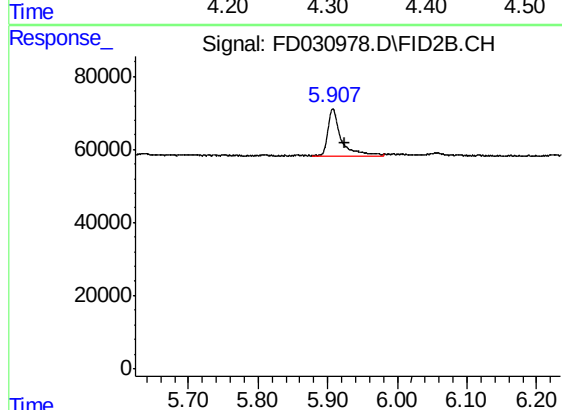
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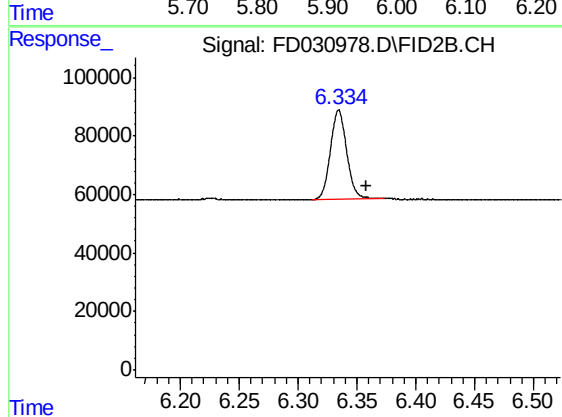
#2 n-Decane (C10)

R.T.: 4.333 min
Delta R.T.: -0.019 min
Response: 216609
Conc: 1.84 ug/ml



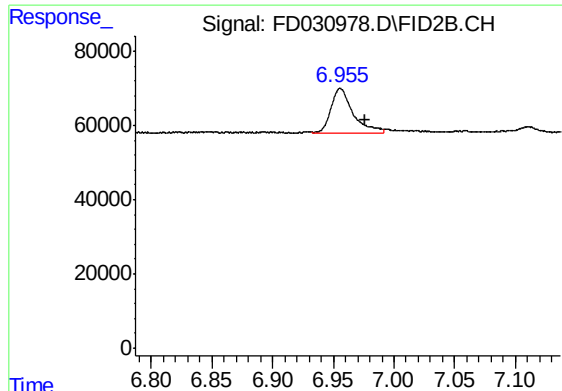
#3 A-Naphthalene (C11.7)

R.T.: 5.907 min
Delta R.T.: -0.018 min
Response: 167979
Conc: 1.29 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.334 min
Delta R.T.: -0.024 min
Response: 293415
Conc: 2.47 ug/ml m



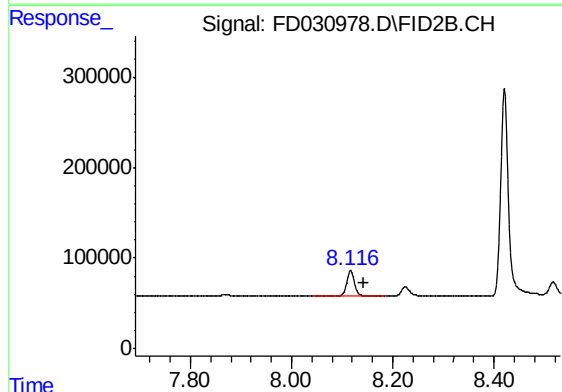
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.955 min
Delta R.T.: -0.022 min
Response: 149618
Conc: 1.13 ug/ml m

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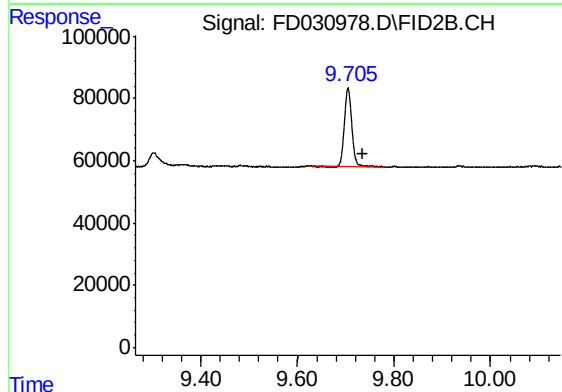
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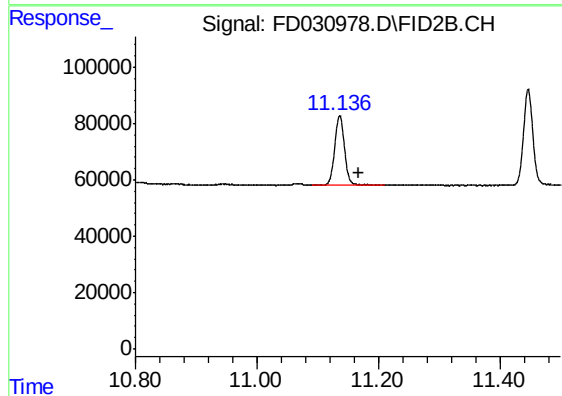
#6 n-Tetradecane (C14)

R.T.: 8.117 min
Delta R.T.: -0.026 min
Response: 290888
Conc: 2.41 ug/ml



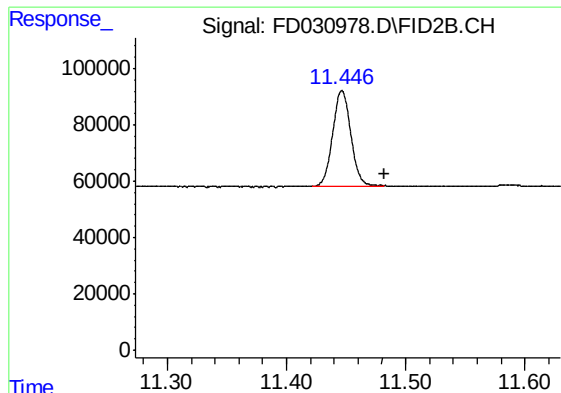
#7 n-Hexadecane (C16)

R.T.: 9.705 min
Delta R.T.: -0.029 min
Response: 268540
Conc: 2.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.136 min
Delta R.T.: -0.032 min
Response: 280382
Conc: 2.25 ug/ml



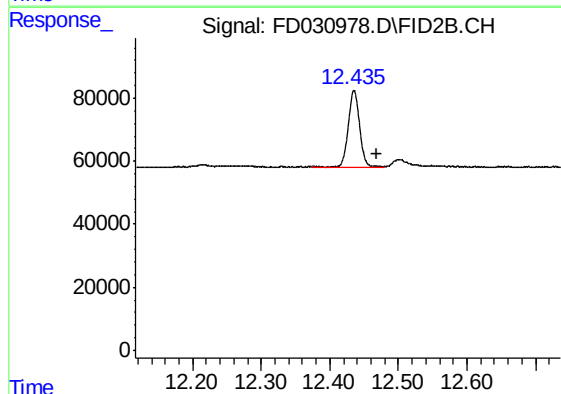
#9 ortho-Terphenyl (SURR)

R.T.: 11.446 min
Delta R.T.: -0.035 min
Response: 365535
Conc: 2.61 ug/ml m

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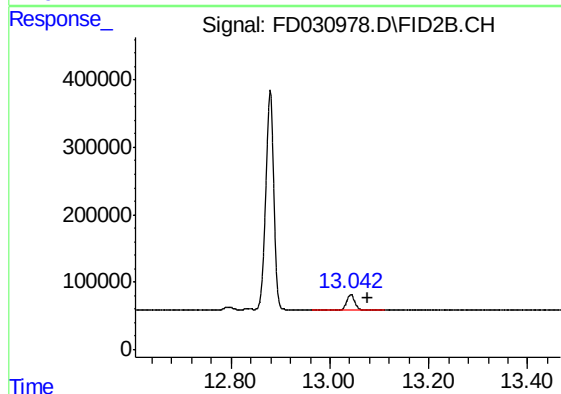
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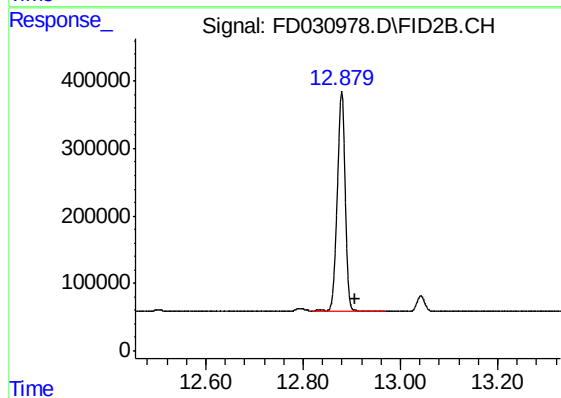
#10 n-Eicosane (C20)

R.T.: 12.435 min
Delta R.T.: -0.032 min
Response: 273109
Conc: 2.17 ug/ml



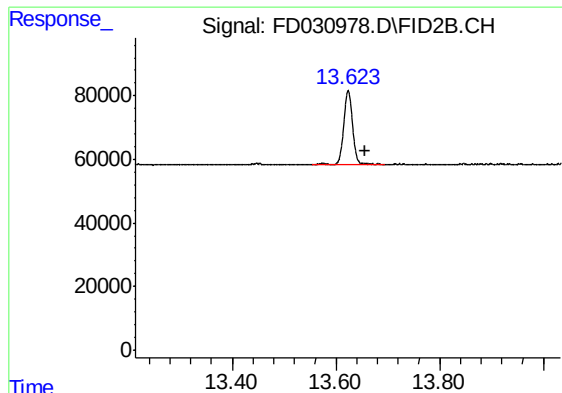
#11 n-Heneicosane (C21)

R.T.: 13.042 min
Delta R.T.: -0.033 min
Response: 266113
Conc: 2.08 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.879 min
Delta R.T.: -0.029 min
Response: 3696051
Conc: 34.06 ug/ml



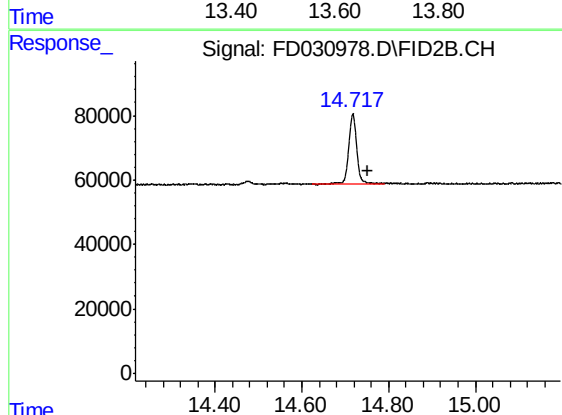
#13 n-Docosane (C22)

R.T.: 13.624 min
Delta R.T.: -0.034 min
Response: 271143
Conc: 2.12 ug/ml

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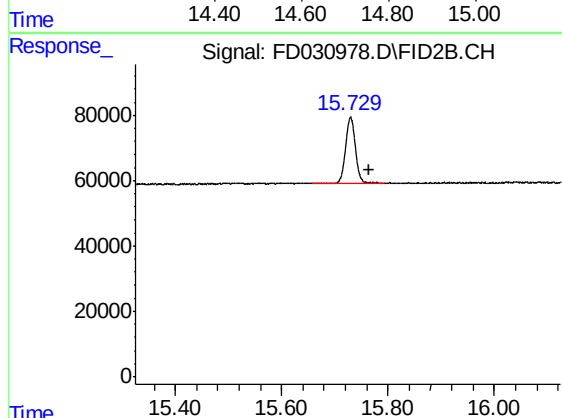
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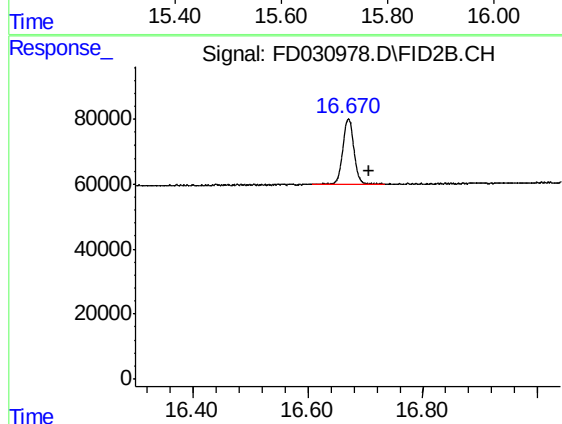
#14 n-Tetracosane (C24)

R.T.: 14.718 min
Delta R.T.: -0.034 min
Response: 275232
Conc: 2.12 ug/ml



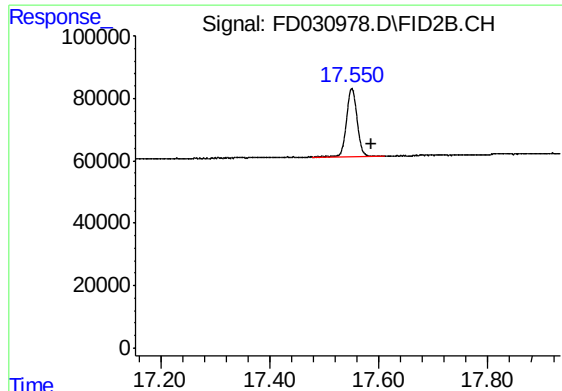
#15 n-Hexacosane (C26)

R.T.: 15.730 min
Delta R.T.: -0.035 min
Response: 258601
Conc: 1.99 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.671 min
Delta R.T.: -0.036 min
Response: 267370
Conc: 2.07 ug/ml



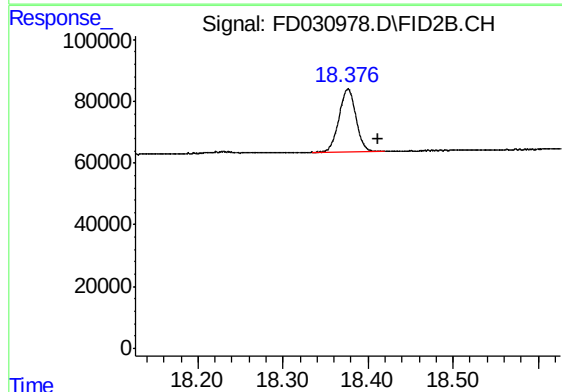
#17 n-Tricontane (C30)

R.T.: 17.550 min
Delta R.T.: -0.036 min
Response: 288646
Conc: 2.22 ug/ml

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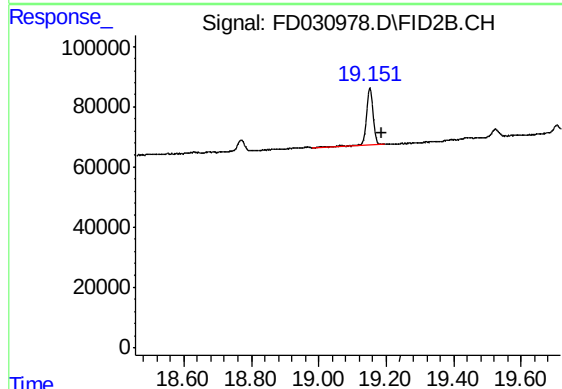
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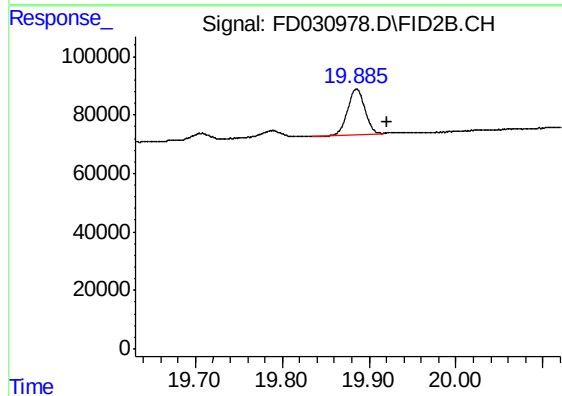
#18 n-Dotriacontane (C32)

R.T.: 18.376 min
Delta R.T.: -0.035 min
Response: 282528
Conc: 2.24 ug/ml



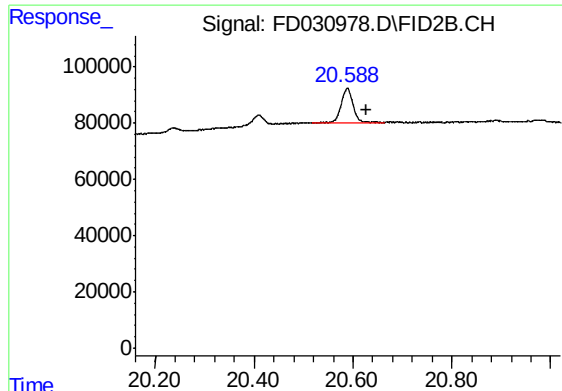
#19 n-Tetatriacontane (C34)

R.T.: 19.152 min
Delta R.T.: -0.036 min
Response: 259290
Conc: 2.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.885 min
Delta R.T.: -0.034 min
Response: 214711
Conc: 1.86 ug/ml



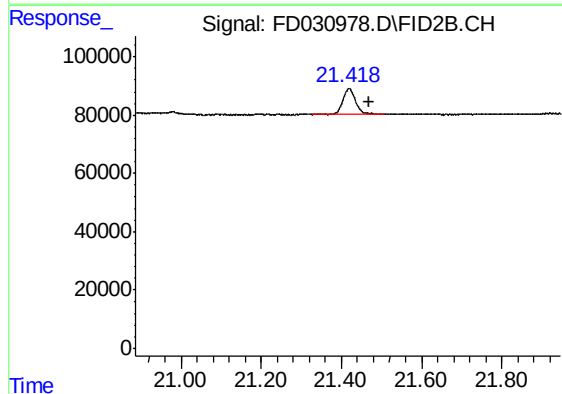
#21 n-Octatriacontane (C38)

R.T.: 20.588 min
Delta R.T.: -0.038 min
Response: 200790
Conc: 1.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.419 min
Delta R.T.: -0.050 min
Response: 191663
Conc: 1.81 ug/ml