

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022819AL\
 Data File : FD028034.D
 Signal(s) : FID2B.CH
 Acq On : 01 Mar 2019 12:18
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Sohil
 3/1/2019 5:40:05 PM

Integration File: autoint1.e
 Quant Time: Mar 01 12:51:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 020419.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 05 08:23:12 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)	11.212	2429099	21.144 ug/ml
Spiked Amount 50.000		Recovery =	42.29%
12) S 1-chlorooctadecane (S...	12.655	1807348	21.171 ug/ml
Spiked Amount 50.000		Recovery =	42.34%
Target Compounds			
1) T n-Nonane (C9)	3.053	1658814	20.229 ug/mlm
2) T n-Decane (C10)	4.109	1713935	20.819 ug/ml
3) T A-Naphthalene (C11.7)	5.663	1991339	21.379 ug/ml
4) T n-Dodecane (C12)	6.114	1779926	21.661 ug/ml
5) T A~2-methylnaphthalene...	6.711	2038871	21.845 ug/ml
6) T n-Tetradecane (C14)	7.897	1857904	22.108 ug/ml
7) T n-Hexadecane (C16)	9.486	1882560	22.184 ug/ml
8) T n-Octadecane (C18)	10.918	1882266	21.607 ug/ml
10) T n-Eicosane (C20)	12.217	1870572	21.783 ug/ml
11) T n-Heneicosane (C21)	12.826	1831903	21.739 ug/ml
13) T n-Docosane (C22)	13.408	1830725	21.678 ug/ml
14) T n-Tetracosane (C24)	14.503	1793893	21.173 ug/ml
15) T n-Hexacosane (C26)	15.516	1772382	20.981 ug/ml
16) T n-Octacosane (C28)	16.460	1768773	20.778 ug/ml
17) T n-Tricontane (C30)	17.340	1735944	20.607 ug/ml
18) T n-Dotriacontane (C32)	18.166	1731987	20.993 ug/ml
19) T n-Tetratriacontane (C34)	18.944	1630608	22.493 ug/mlm
20) T n-Hexatriacontane (C36)	19.677	1573903	24.839 ug/mlm
21) T n-Octatriacontane (C38)	20.372	1533747	25.807 ug/mlm
22) T n-Tetracontane (C40)	21.139	1524026	26.606 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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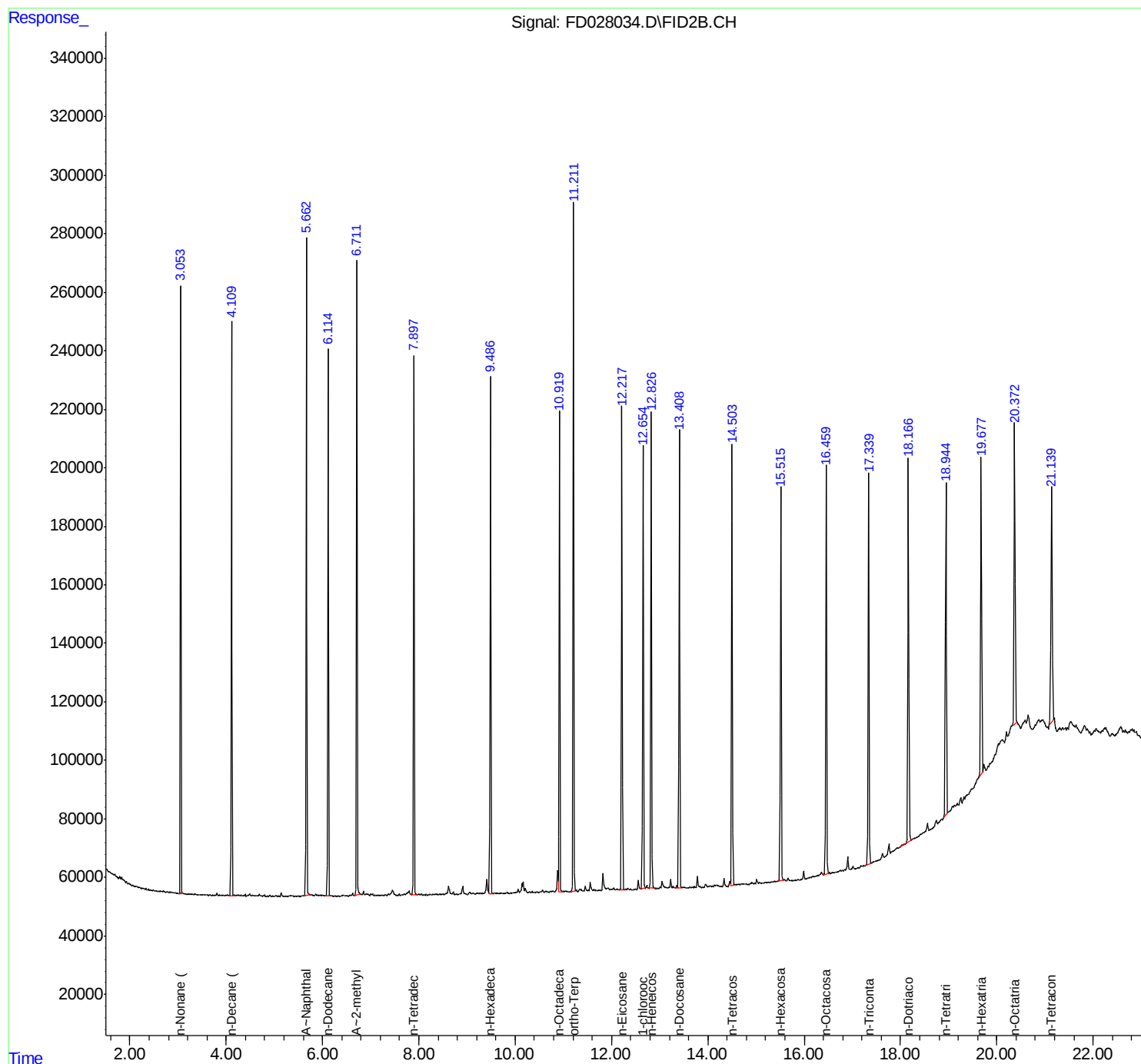
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20 PPM ALIPHATIC HC STD

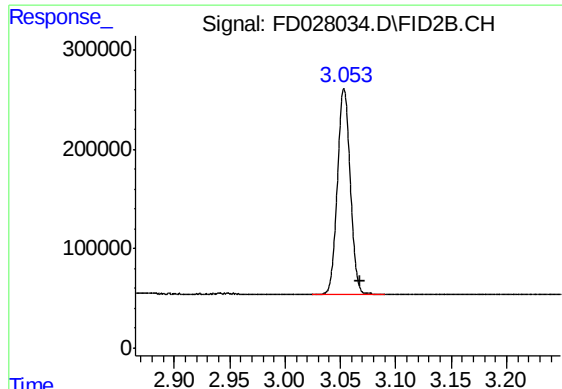
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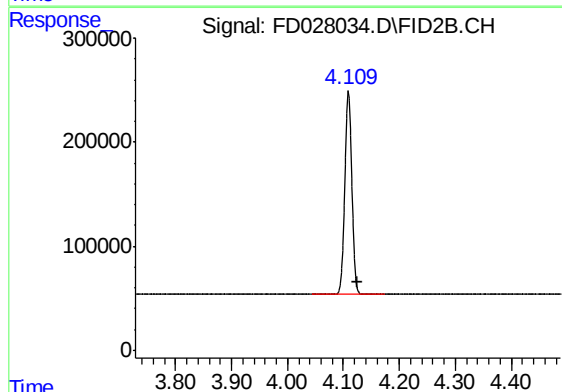
#1 n-Nonane (C9)

R.T.: 3.053 min
Delta R.T.: -0.015 min
Response: 1658814
Conc: 20.23 ug/ml m

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20 PPM ALIPHATIC HC STD

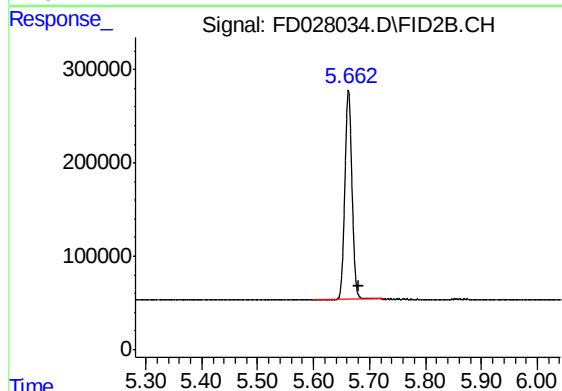
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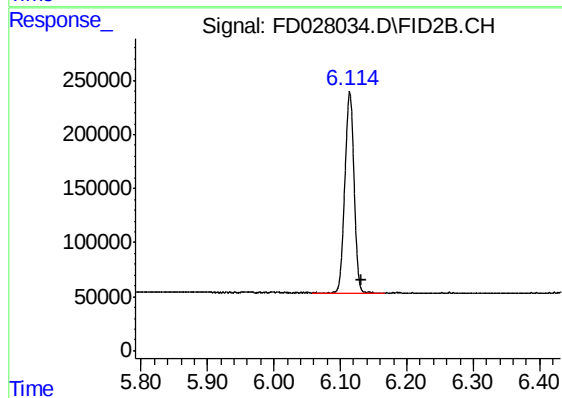
#2 n-Decane (C10)

R.T.: 4.109 min
Delta R.T.: -0.016 min
Response: 1713935
Conc: 20.82 ug/ml



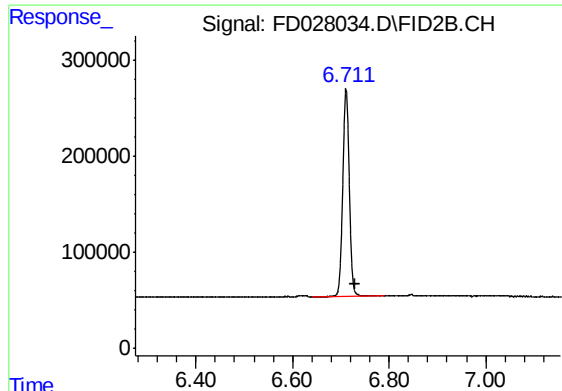
#3 A~Naphthalene (C11.7)

R.T.: 5.663 min
Delta R.T.: -0.019 min
Response: 1991339
Conc: 21.38 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.114 min
Delta R.T.: -0.018 min
Response: 1779926
Conc: 21.66 ug/ml



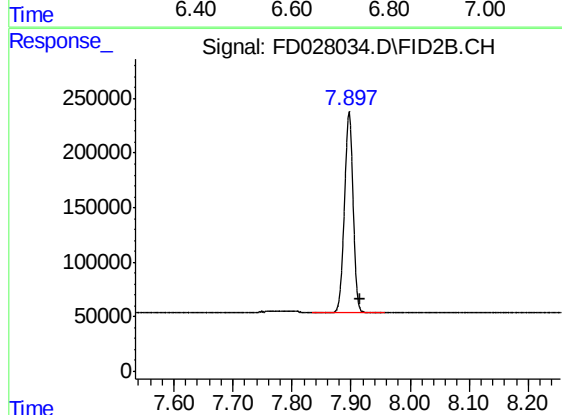
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.711 min
Delta R.T.: -0.019 min
Response: 2038871
Conc: 21.85 ug/ml

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20 PPM ALIPHATIC HC STD

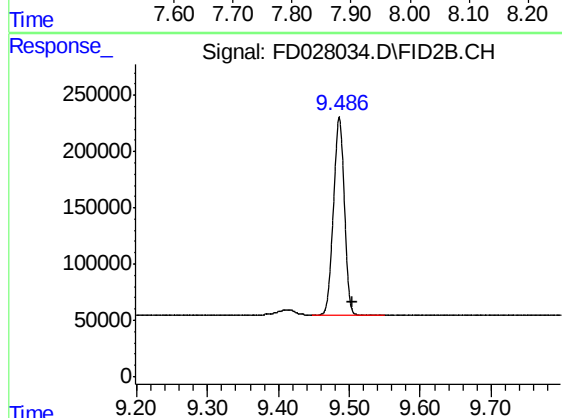
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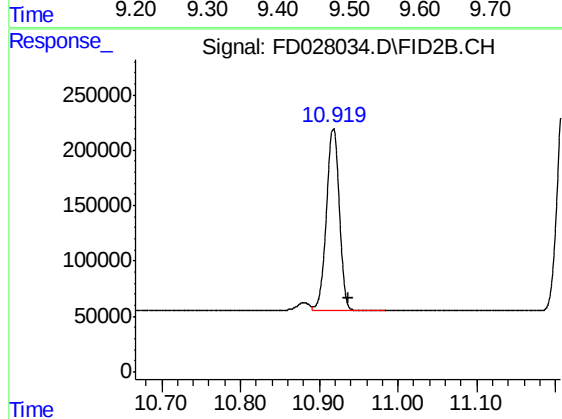
#6 n-Tetradecane (C14)

R.T.: 7.897 min
Delta R.T.: -0.018 min
Response: 1857904
Conc: 22.11 ug/ml



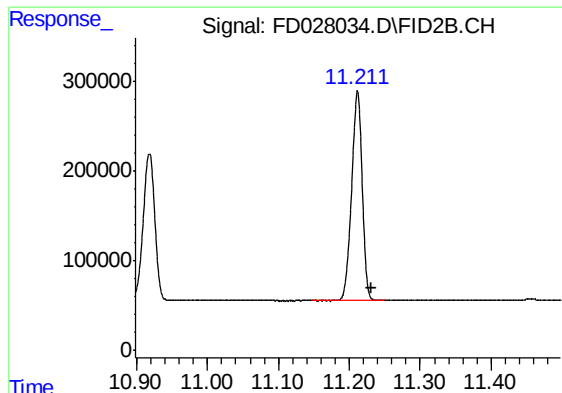
#7 n-Hexadecane (C16)

R.T.: 9.486 min
Delta R.T.: -0.019 min
Response: 1882560
Conc: 22.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.918 min
Delta R.T.: -0.019 min
Response: 1882266
Conc: 21.61 ug/ml



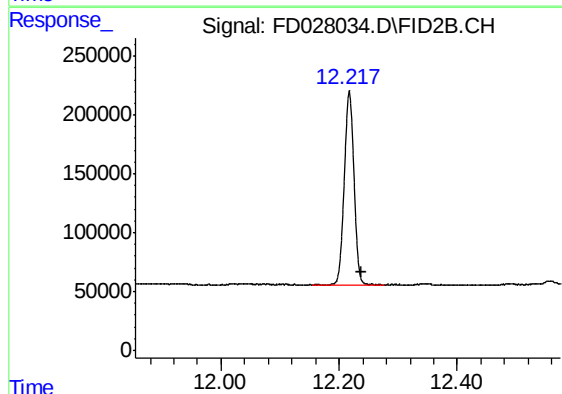
#9 ortho-Terphenyl (SURR)

R.T.: 11.212 min
Delta R.T.: -0.020 min
Response: 2429099
Conc: 21.14 ug/ml

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20 PPM ALIPHATIC HC STD

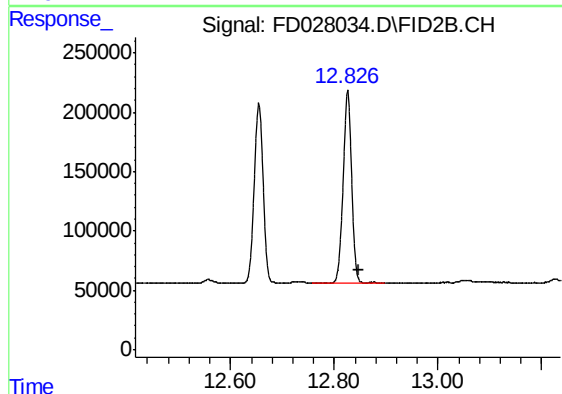
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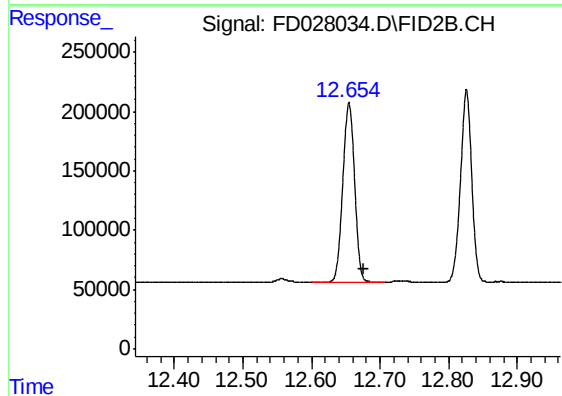
#10 n-Eicosane (C20)

R.T.: 12.217 min
Delta R.T.: -0.021 min
Response: 1870572
Conc: 21.78 ug/ml



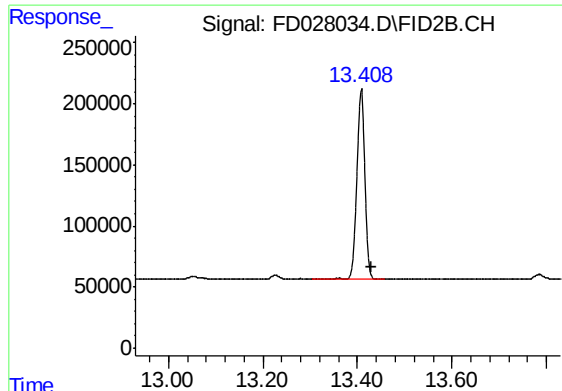
#11 n-Heneicosane (C21)

R.T.: 12.826 min
Delta R.T.: -0.021 min
Response: 1831903
Conc: 21.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.655 min
Delta R.T.: -0.021 min
Response: 1807348
Conc: 21.17 ug/ml



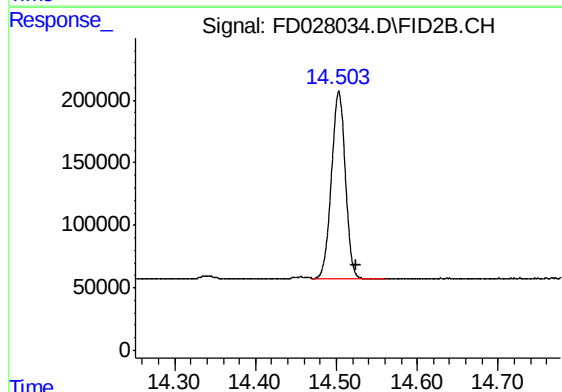
#13 n-Docosane (C22)

R.T.: 13.408 min
Delta R.T.: -0.021 min
Response: 1830725
Conc: 21.68 ug/ml

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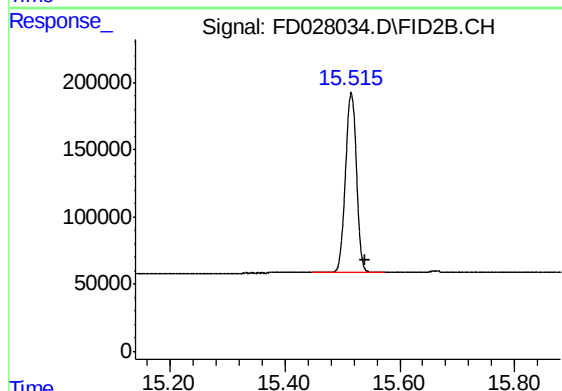
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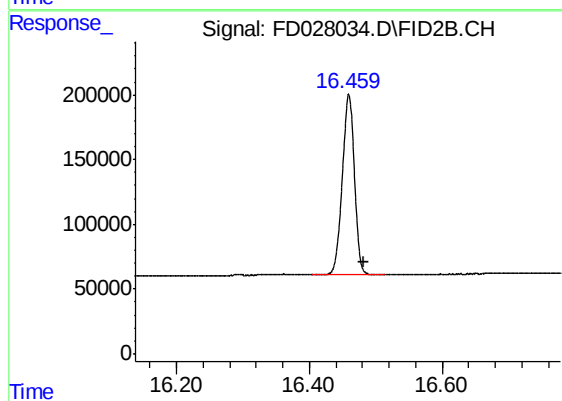
#14 n-Tetracosane (C24)

R.T.: 14.503 min
Delta R.T.: -0.022 min
Response: 1793893
Conc: 21.17 ug/ml



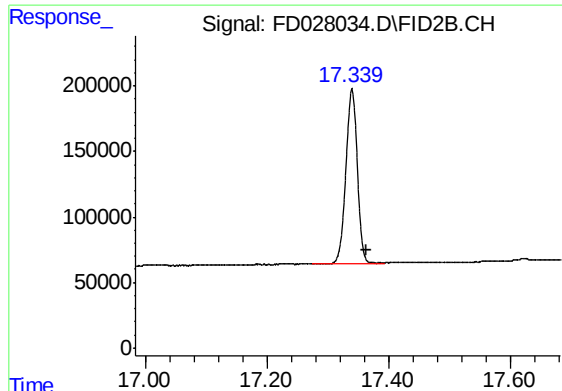
#15 n-Hexacosane (C26)

R.T.: 15.516 min
Delta R.T.: -0.024 min
Response: 1772382
Conc: 20.98 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.460 min
Delta R.T.: -0.022 min
Response: 1768773
Conc: 20.78 ug/ml



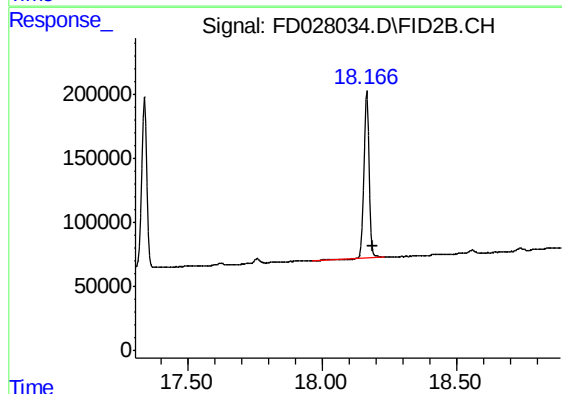
#17 n-Tricontane (C30)

R.T.: 17.340 min
Delta R.T.: -0.025 min
Response: 1735944
Conc: 20.61 ug/ml

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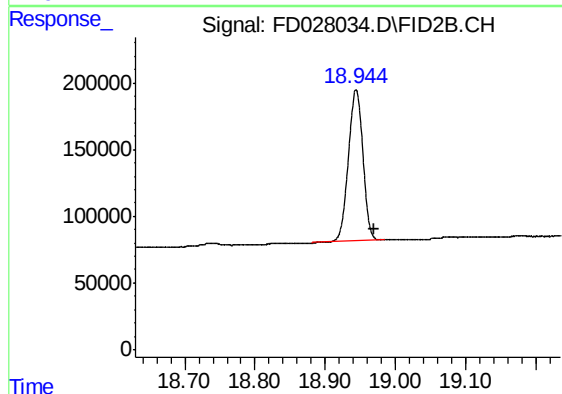
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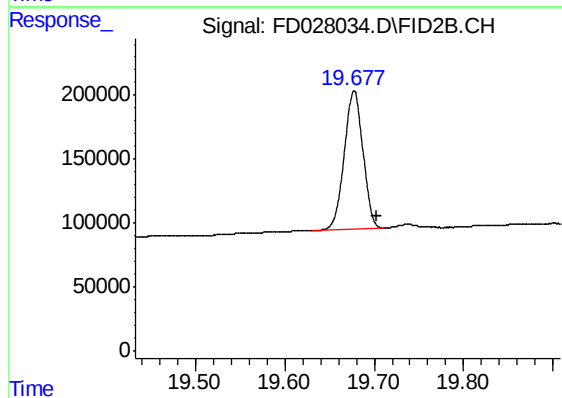
#18 n-Dotriacontane (C32)

R.T.: 18.166 min
Delta R.T.: -0.024 min
Response: 1731987
Conc: 20.99 ug/ml



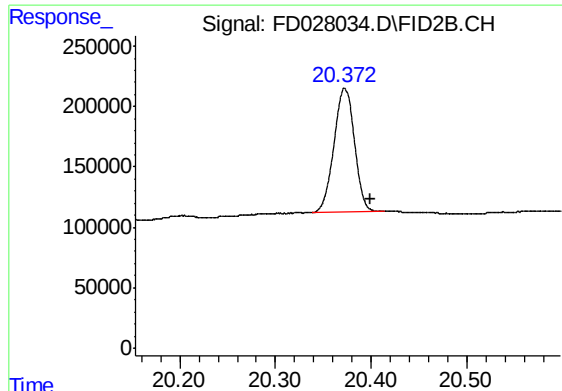
#19 n-Tetratriacontane (C34)

R.T.: 18.944 min
Delta R.T.: -0.025 min
Response: 1630608
Conc: 22.49 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.677 min
Delta R.T.: -0.026 min
Response: 1573903
Conc: 24.84 ug/ml m



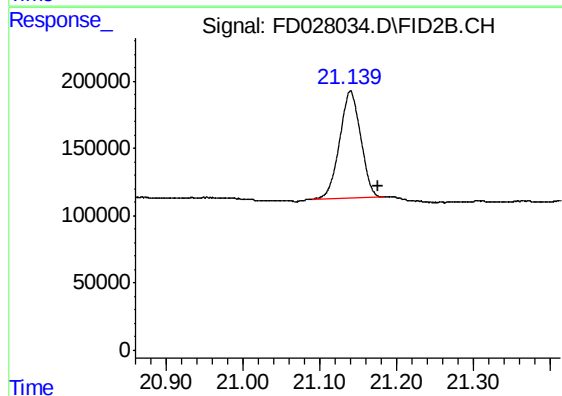
#21 n-Octatriacontane (C38)

R.T.: 20.372 min
Delta R.T.: -0.026 min
Response: 1533747
Conc: 25.81 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.139 min
Delta R.T.: -0.036 min
Response: 1524026
Conc: 26.61 ug/ml m