

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121621AL\
 Data File : FD039982.D
 Signal(s) : FID2B.CH
 Acq On : 17 Dec 2021 5:40
 Operator : AJ\MA
 Sample : M5089-08MS
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MS-2-E2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/17/2021
 Supervised By :Ankita Jodhani 12/17/2021

Integration File: autoint1.e
 Quant Time: Dec 17 09:11:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 121521.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 16:44:55 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)	10.770	4931104	31.411 ug/ml
Spiked Amount 50.000		Recovery =	62.82%
12) S 1-chlorooctadecane (S...	12.246	78645	0.637 ug/ml
Spiked Amount 50.000		Recovery =	1.27%
Target Compounds			
1) T n-Nonane (C9)	2.671	4446055	31.594 ug/ml
2) T n-Decane (C10)	3.671	5037455	35.318 ug/ml
3) T A~Naphthalene (C11.7)	5.218	6121154	38.132 ug/ml
4) T n-Dodecane (C12)	5.650	5410760	37.895 ug/ml
5) T A~2-methylnaphthalene...	6.263	6145045	38.079 ug/ml
6) T n-Tetradecane (C14)	7.434	5786599	40.149 ug/ml
7) T n-Hexadecane (C16)	9.024	6336330	43.555 ug/ml
8) T n-Octadecane (C18)	10.461	6671015	44.831 ug/ml
10) T n-Eicosane (C20)	11.807	6850911	46.843 ug/ml
11) T n-Heneicosane (C21)	12.374	6465768	44.009 ug/ml
13) T n-Docosane (C22)	12.958	6405618	43.866 ug/ml
14) T n-Tetracosane (C24)	14.057	6205253	42.606 ug/ml
15) T n-Hexacosane (C26)	15.076	6010777	42.855 ug/ml
16) T n-Octacosane (C28)	16.067	412340	3.040 ug/ml
17) T n-Tricontane (C30)	16.906	5522456	42.261 ug/ml
18) T n-Dotriacontane (C32)	17.735	5103298	41.005 ug/ml
19) T n-Tetratriacontane (C34)	18.516	4622000	38.267 ug/ml
20) T n-Hexatriacontane (C36)	19.254	3971933	34.538 ug/ml
21) T n-Octatriacontane (C38)	19.969	3634123	32.557 ug/ml
22) T n-Tetracontane (C40)	20.821	3660030	32.121 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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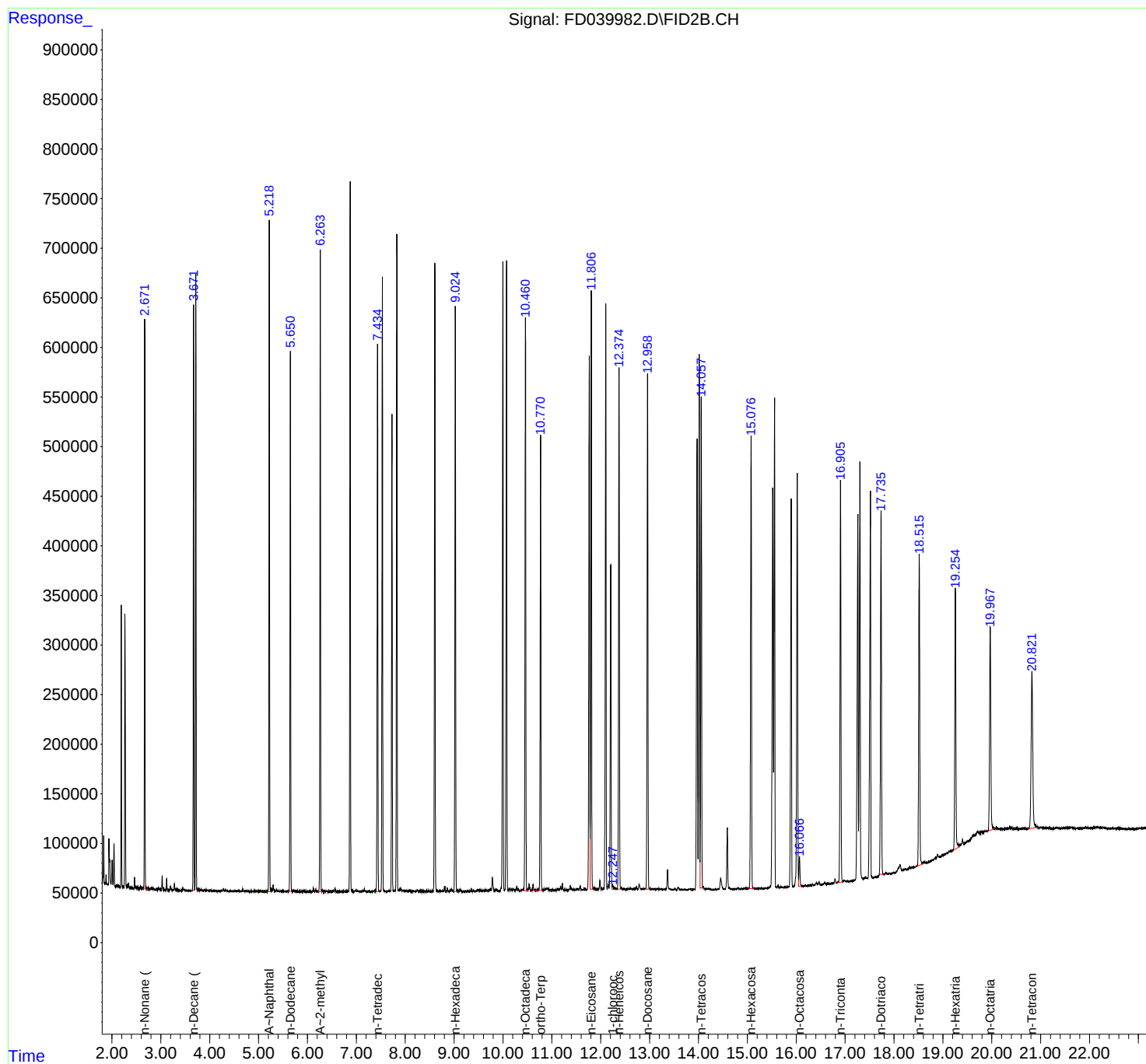
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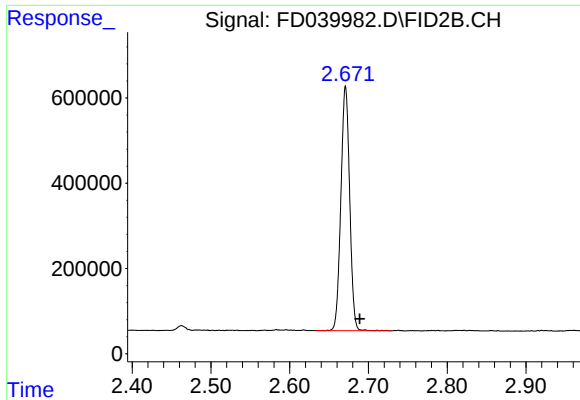
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#1 n-Nonane (C9)

R.T.: 2.671 min
Delta R.T.: -0.018 min
Response: 4446055
Conc: 31.59 ug/ml

Instrument :

FID_D

ClientSampleId :

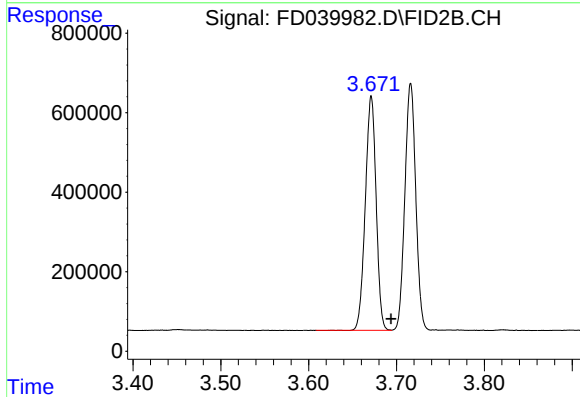
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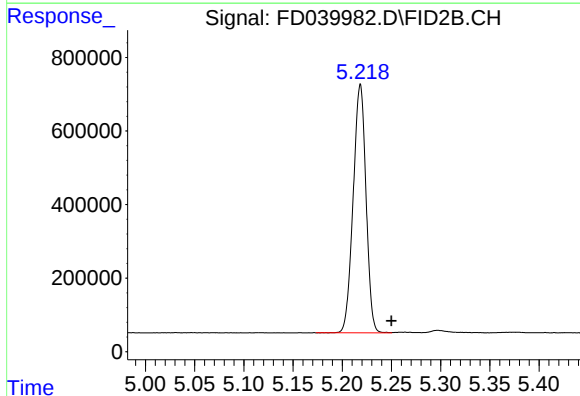
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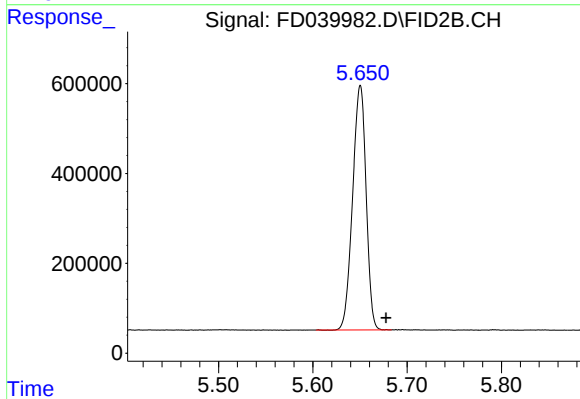
#2 n-Decane (C10)

R.T.: 3.671 min
Delta R.T.: -0.022 min
Response: 5037455
Conc: 35.32 ug/ml



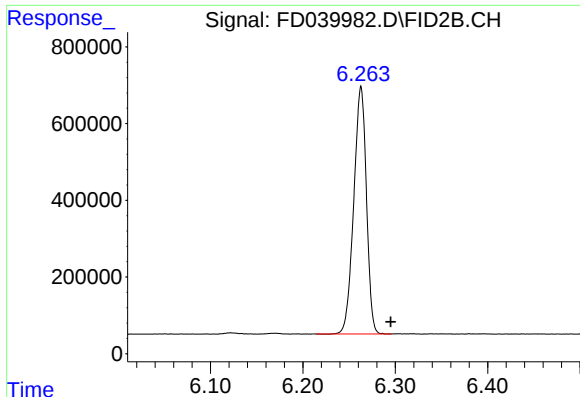
#3 A~Naphthalene (C11.7)

R.T.: 5.218 min
Delta R.T.: -0.032 min
Response: 6121154
Conc: 38.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.650 min
Delta R.T.: -0.027 min
Response: 5410760
Conc: 37.89 ug/ml



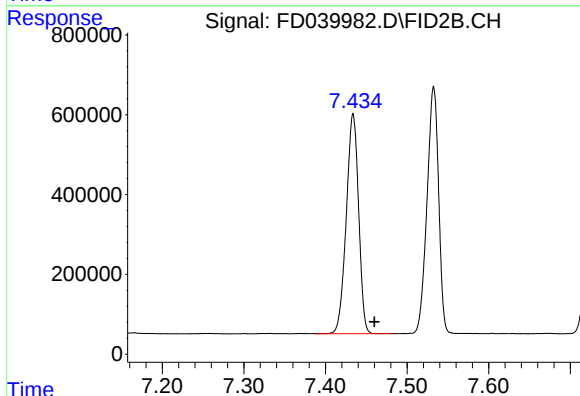
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.263 min
Delta R.T.: -0.032 min
Response: 6145045
Conc: 38.08 ug/ml

Instrument :
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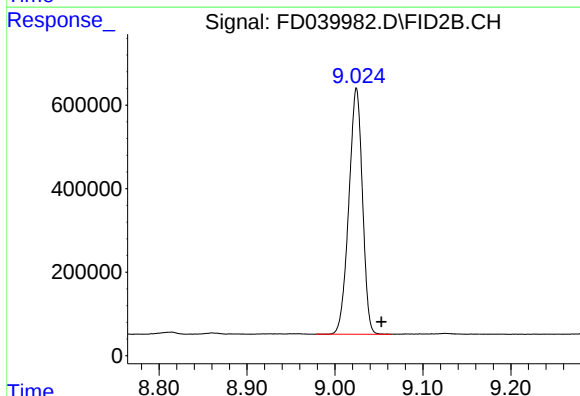
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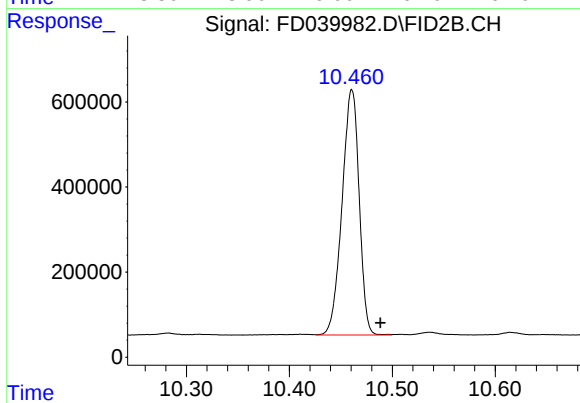
#6 n-Tetradecane (C14)

R.T.: 7.434 min
Delta R.T.: -0.026 min
Response: 5786599
Conc: 40.15 ug/ml



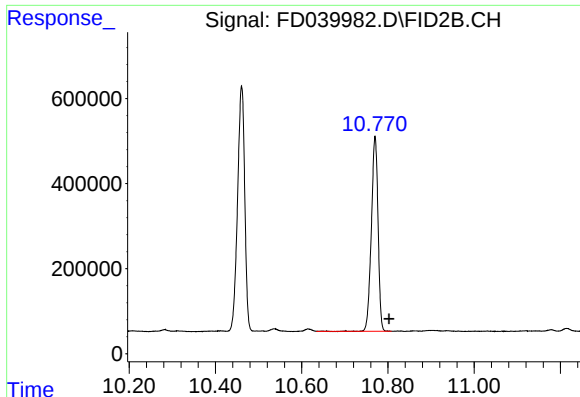
#7 n-Hexadecane (C16)

R.T.: 9.024 min
Delta R.T.: -0.028 min
Response: 6336330
Conc: 43.56 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.461 min
Delta R.T.: -0.028 min
Response: 6671015
Conc: 44.83 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.770 min
Delta R.T.: -0.033 min
Response: 4931104
Conc: 31.41 ug/ml

Instrument :

FID_D

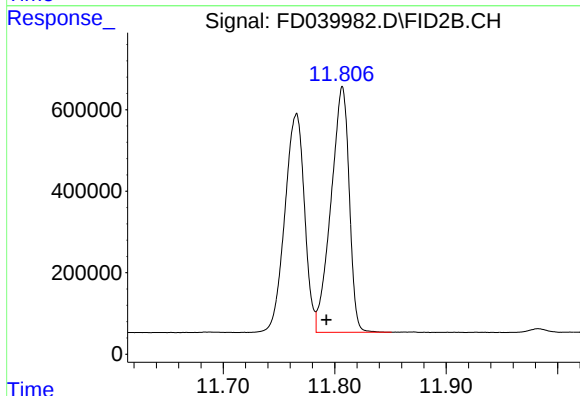
ClientSampleId :

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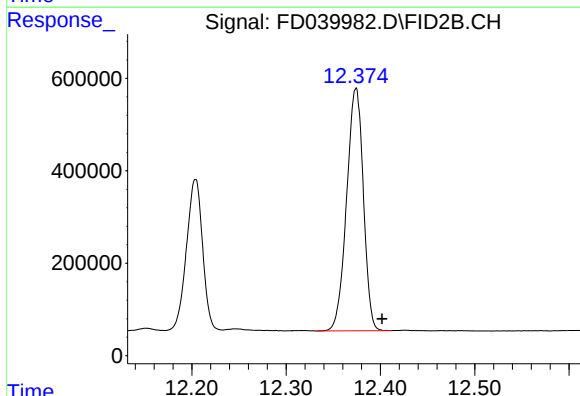
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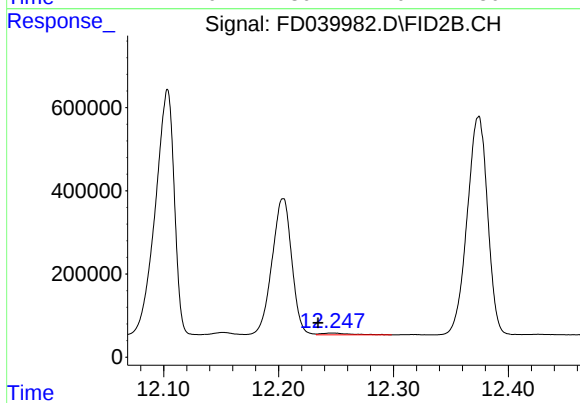
#10 n-Eicosane (C20)

R.T.: 11.807 min
Delta R.T.: 0.014 min
Response: 6850911
Conc: 46.84 ug/ml



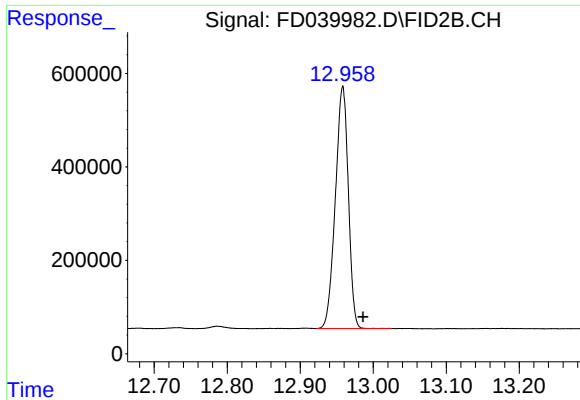
#11 n-Heneicosane (C21)

R.T.: 12.374 min
Delta R.T.: -0.028 min
Response: 6465768
Conc: 44.01 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.246 min
Delta R.T.: 0.012 min
Response: 78645
Conc: 0.64 ug/ml



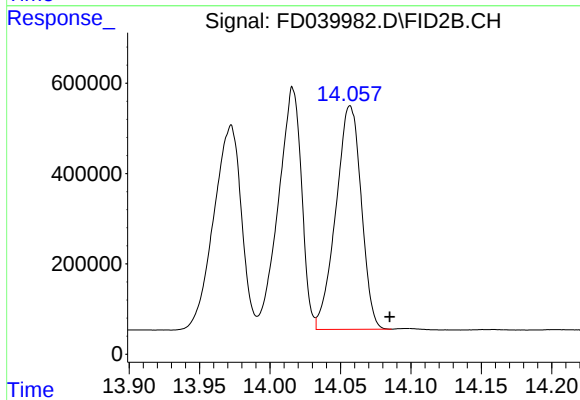
#13 n-Docosane (C22)

R.T.: 12.958 min
Delta R.T.: -0.028 min
Response: 6405618
Conc: 43.87 ug/ml

Instrument :
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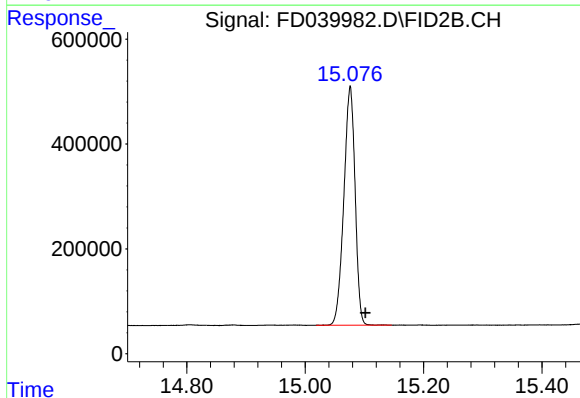
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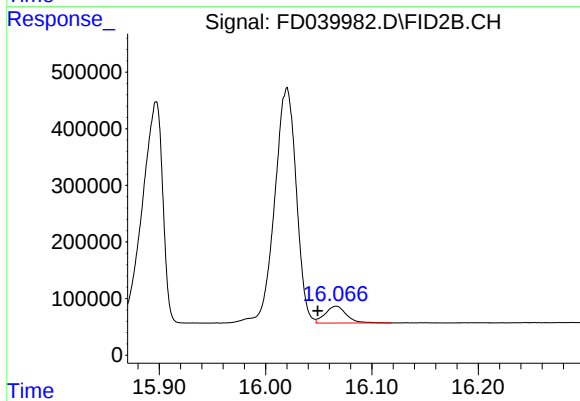
#14 n-Tetracosane (C24)

R.T.: 14.057 min
Delta R.T.: -0.028 min
Response: 6205253
Conc: 42.61 ug/ml



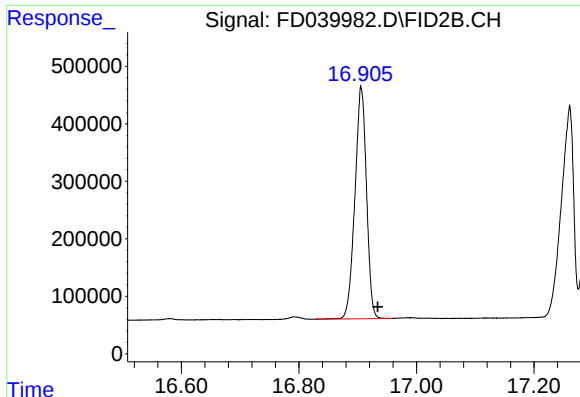
#15 n-Hexacosane (C26)

R.T.: 15.076 min
Delta R.T.: -0.026 min
Response: 6010777
Conc: 42.86 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.067 min
Delta R.T.: 0.017 min
Response: 412340
Conc: 3.04 ug/ml



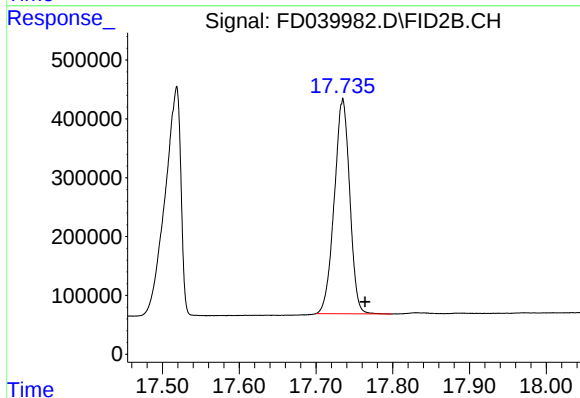
#17 n-Tricontane (C30)

R.T.: 16.906 min
Delta R.T.: -0.028 min
Response: 5522456
Conc: 42.26 ug/ml

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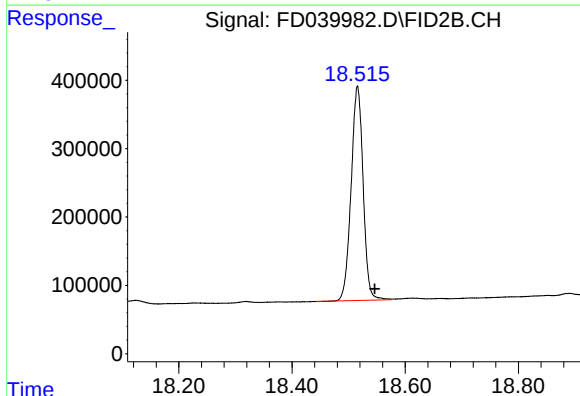
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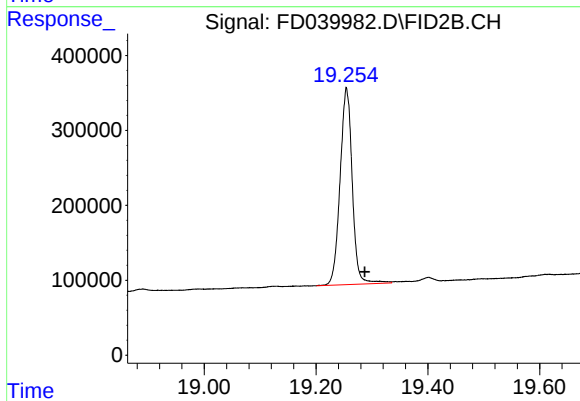
#18 n-Dotriacontane (C32)

R.T.: 17.735 min
Delta R.T.: -0.029 min
Response: 5103298
Conc: 41.01 ug/ml



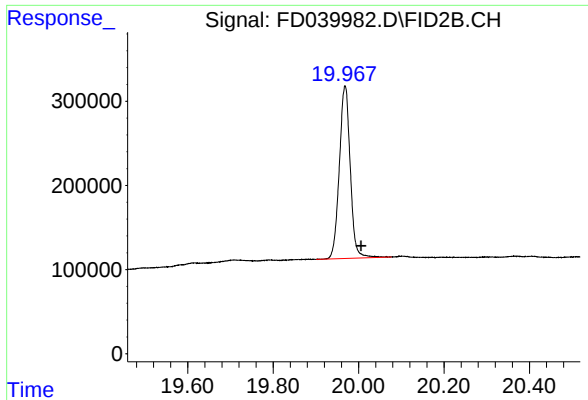
#19 n-Tetratriacontane (C34)

R.T.: 18.516 min
Delta R.T.: -0.031 min
Response: 4622000
Conc: 38.27 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.254 min
Delta R.T.: -0.033 min
Response: 3971933
Conc: 34.54 ug/ml



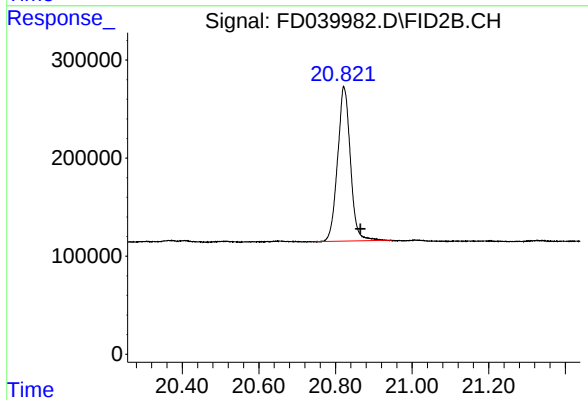
#21 n-Octatriacontane (C38)

R.T.: 19.969 min
Delta R.T.: -0.037 min
Response: 3634123
Conc: 32.56 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.821 min
Delta R.T.: -0.044 min
Response: 3660030
Conc: 32.12 ug/ml m