

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051622AL\
 Data File : FD042477.D
 Signal(s) : FID2B.CH
 Acq On : 16 May 2022 16:28
 Operator : UA/NP
 Sample : N2847-01MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PSC-124019MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/17/2022
 Supervised By :mohammad ahmed 05/17/2022

Integration File: autoint1.e
 Quant Time: May 16 20:49:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 22 01:55:29 2022
 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)	11.206	5406707	32.239 ug/ml
Spiked Amount 50.000		Recovery =	64.48%
12) S 1-chlorooctadecane (S...	12.644	3981698	30.174 ug/mlm
Spiked Amount 50.000		Recovery =	60.35%
Target Compounds			
1) T n-Nonane (C9)	3.079	2545352	18.674 ug/ml
2) T n-Decane (C10)	4.124	3384503	25.255 ug/ml
3) T A~Naphthalene (C11.7)	5.673	4115868	28.394 ug/ml
4) T n-Dodecane (C12)	6.117	4086463	28.704 ug/ml
5) T A~2-methylnaphthalene...	6.718	4348073	31.202 ug/ml
6) T n-Tetradecane (C14)	7.893	4383484	30.773 ug/ml
7) T n-Hexadecane (C16)	9.479	4540257	31.244 ug/ml
8) T n-Octadecane (C18)	10.908	4831161	32.235 ug/ml
10) T n-Eicosane (C20)	12.207	4624186	30.211 ug/ml
11) T n-Heneicosane (C21)	12.815	4567853	29.629 ug/ml
13) T n-Docosane (C22)	13.397	4479381	29.060 ug/mlm
14) T n-Tetracosane (C24)	14.492	4780939	30.914 ug/ml
15) T n-Hexacosane (C26)	15.508	4216318	27.411 ug/ml
16) T n-Octacosane (C28)	16.452	4140751	27.083 ug/ml
17) T n-Tricontane (C30)	17.335	3858448	25.723 ug/ml
18) T n-Dotriacontane (C32)	18.160	3857331	27.280 ug/ml
19) T n-Tetratriacontane (C34)	18.939	3435079	26.692 ug/ml
20) T n-Hexatriacontane (C36)	19.675	3160138	27.926 ug/ml
21) T n-Octatriacontane (C38)	20.372	2912026	29.186 ug/ml
22) T n-Tetracontane (C40)	21.142	2688508	29.806 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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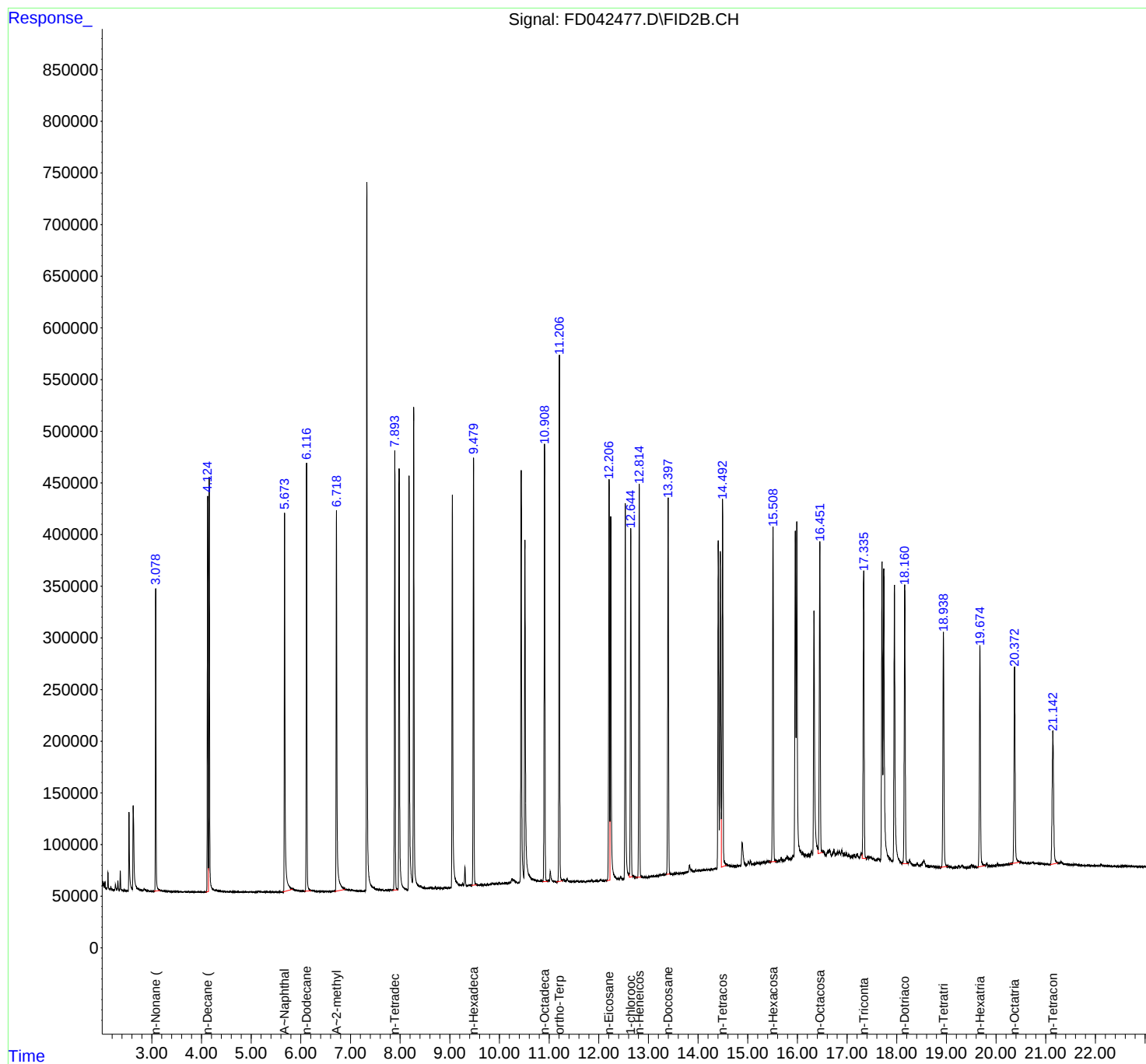
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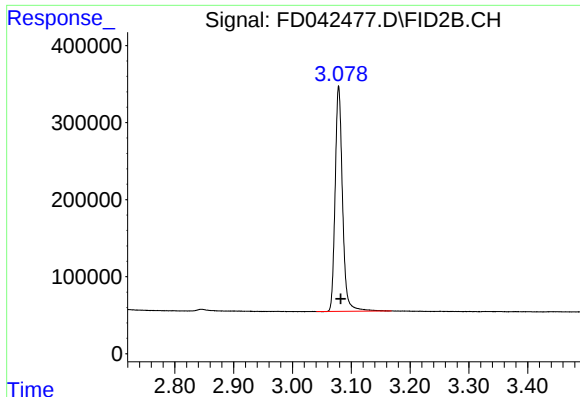
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#1 n-Nonane (C9)

R.T.: 3.079 min
Delta R.T.: -0.003 min
Response: 2545352
Conc: 18.67 ug/ml

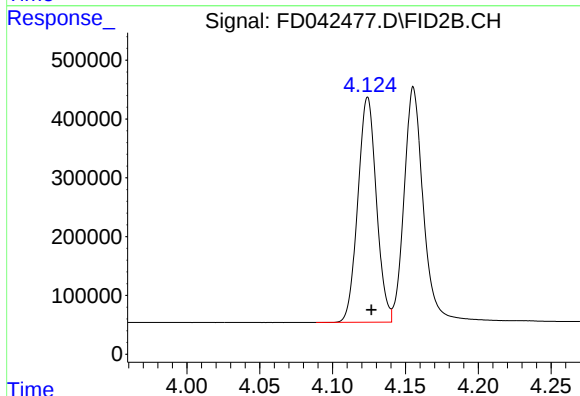
Instrument :

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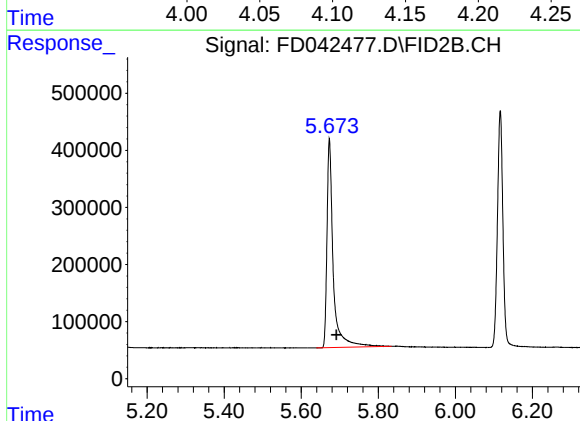
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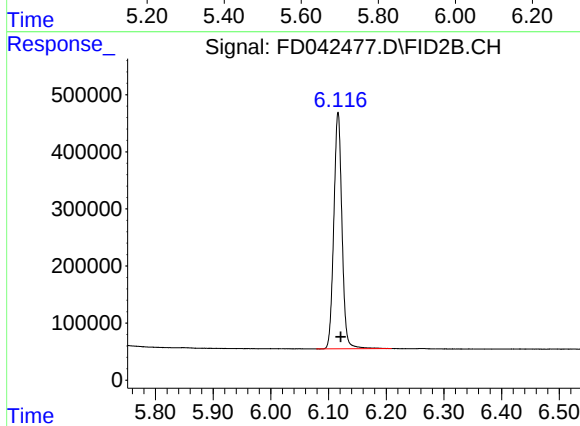
#2 n-Decane (C10)

R.T.: 4.124 min
Delta R.T.: -0.002 min
Response: 3384503
Conc: 25.25 ug/ml



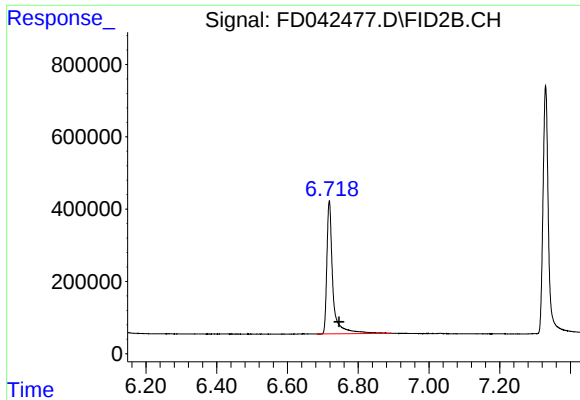
#3 A~Naphthalene (C11.7)

R.T.: 5.673 min
Delta R.T.: -0.018 min
Response: 4115868
Conc: 28.39 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.117 min
Delta R.T.: -0.005 min
Response: 4086463
Conc: 28.70 ug/ml



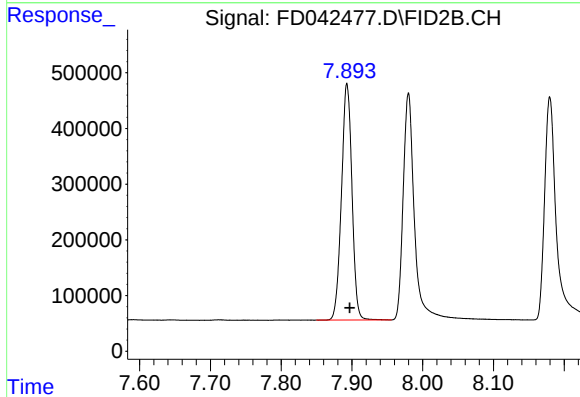
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.718 min
Delta R.T.: -0.028 min
Response: 4348073
Conc: 31.20 ug/ml

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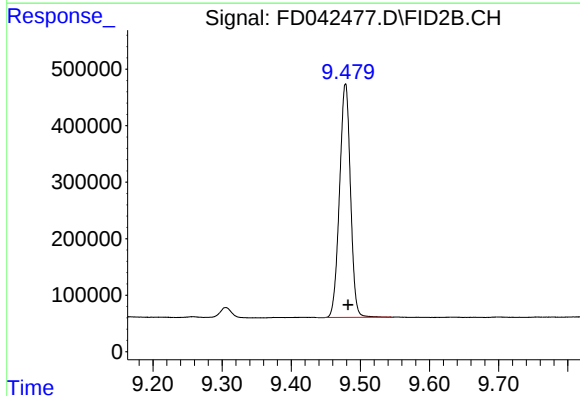
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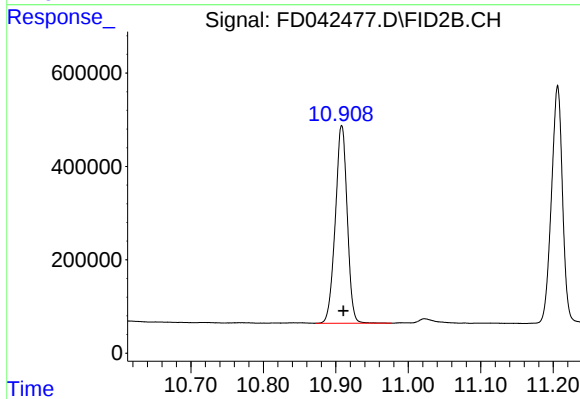
#6 n-Tetradecane (C14)

R.T.: 7.893 min
Delta R.T.: -0.004 min
Response: 4383484
Conc: 30.77 ug/ml



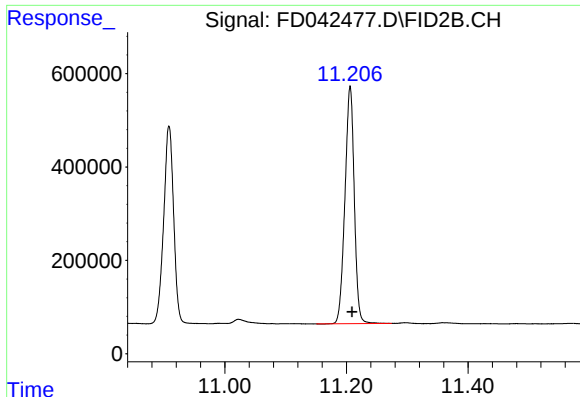
#7 n-Hexadecane (C16)

R.T.: 9.479 min
Delta R.T.: -0.004 min
Response: 4540257
Conc: 31.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.908 min
Delta R.T.: -0.002 min
Response: 4831161
Conc: 32.23 ug/ml



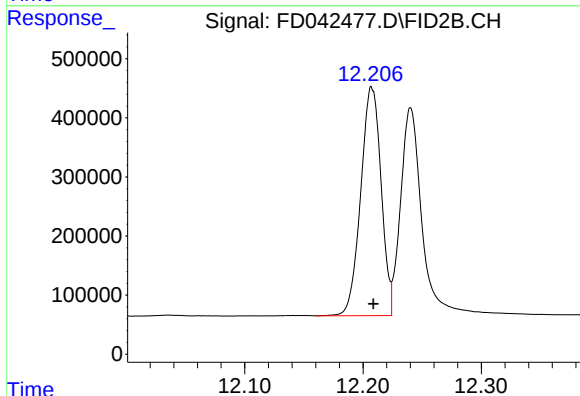
#9 ortho-Terphenyl (SURR)

R.T.: 11.206 min
Delta R.T.: -0.003 min
Response: 5406707
Conc: 32.24 ug/ml

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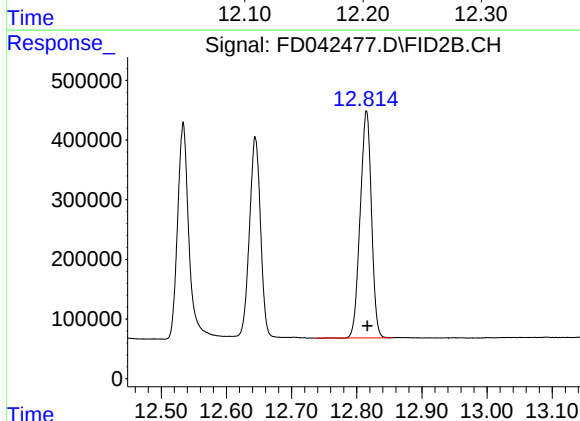
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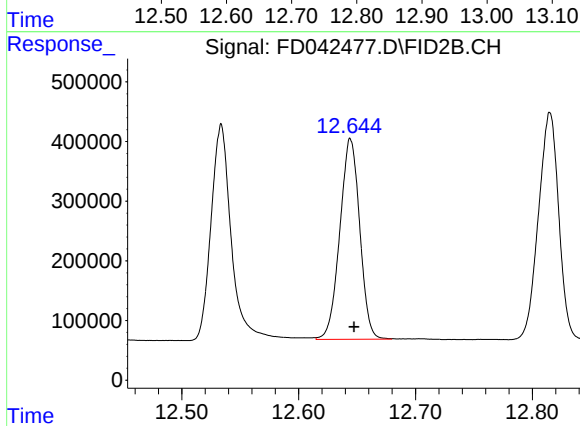
#10 n-Eicosane (C20)

R.T.: 12.207 min
Delta R.T.: -0.001 min
Response: 4624186
Conc: 30.21 ug/ml



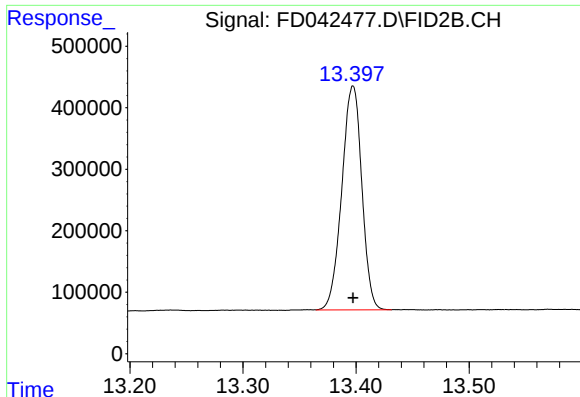
#11 n-Heneicosane (C21)

R.T.: 12.815 min
Delta R.T.: -0.001 min
Response: 4567853
Conc: 29.63 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.644 min
Delta R.T.: -0.004 min
Response: 3981698
Conc: 30.17 ug/ml m



#13 n-Docosane (C22)

R.T.: 13.397 min
Delta R.T.: 0.000 min
Response: 4479381
Conc: 29.06 ug/ml

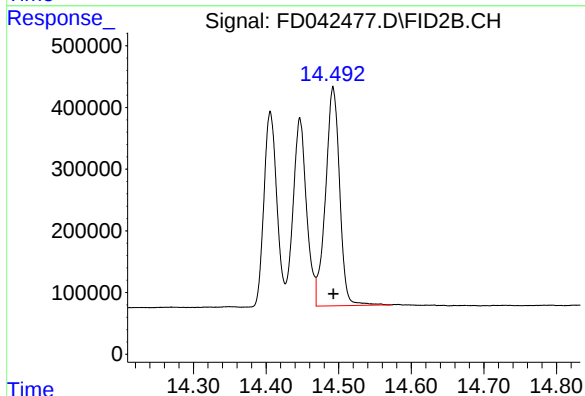
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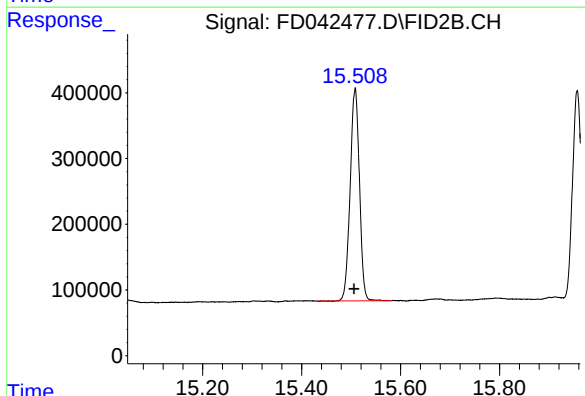
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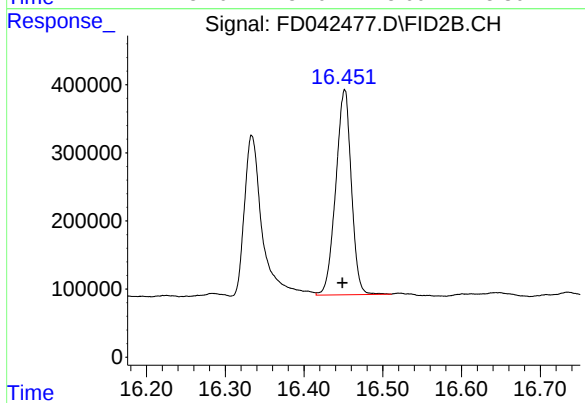
#14 n-Tetracosane (C24)

R.T.: 14.492 min
Delta R.T.: 0.000 min
Response: 4780939
Conc: 30.91 ug/ml



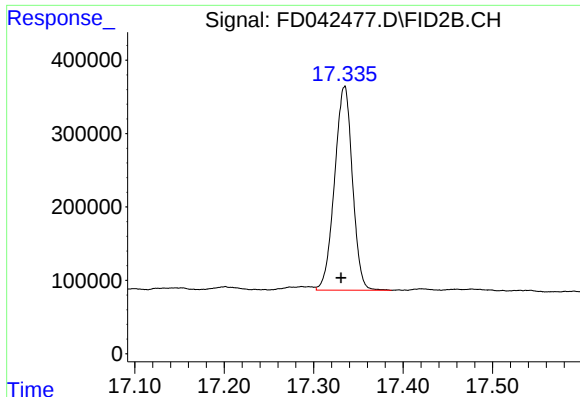
#15 n-Hexacosane (C26)

R.T.: 15.508 min
Delta R.T.: 0.002 min
Response: 4216318
Conc: 27.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.452 min
Delta R.T.: 0.003 min
Response: 4140751
Conc: 27.08 ug/ml



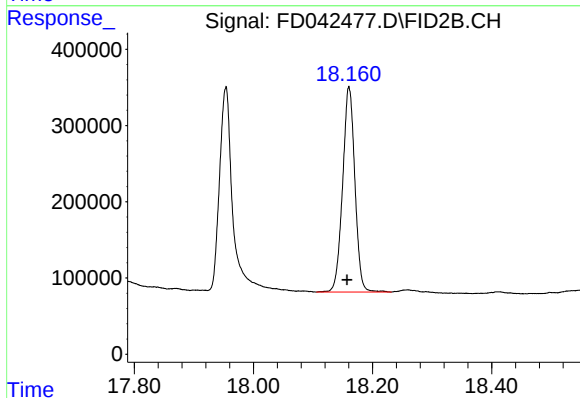
#17 n-Tricontane (C30)

R.T.: 17.335 min
Delta R.T.: 0.004 min
Response: 3858448
Conc: 25.72 ug/ml

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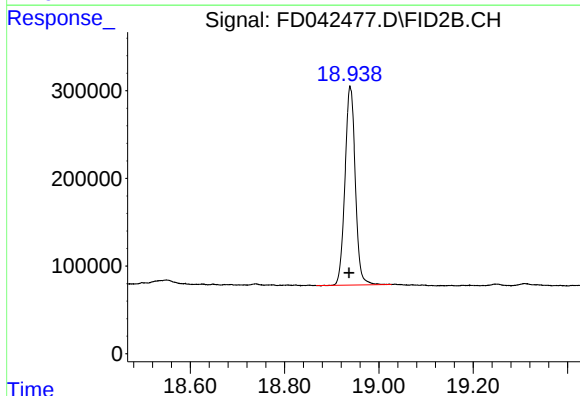
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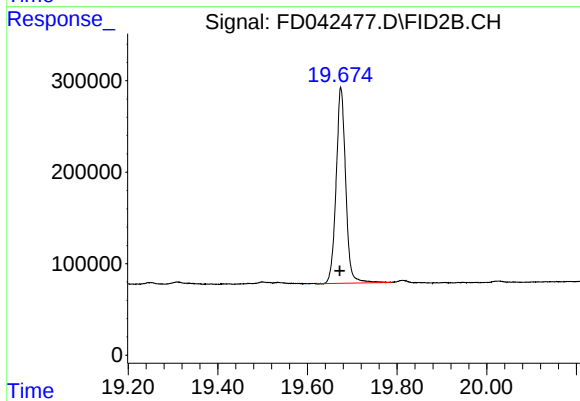
#18 n-Dotriacontane (C32)

R.T.: 18.160 min
Delta R.T.: 0.003 min
Response: 3857331
Conc: 27.28 ug/ml



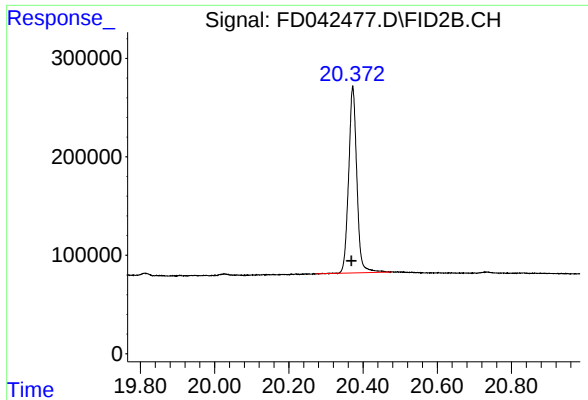
#19 n-Tetratriacontane (C34)

R.T.: 18.939 min
Delta R.T.: 0.002 min
Response: 3435079
Conc: 26.69 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.675 min
Delta R.T.: 0.003 min
Response: 3160138
Conc: 27.93 ug/ml



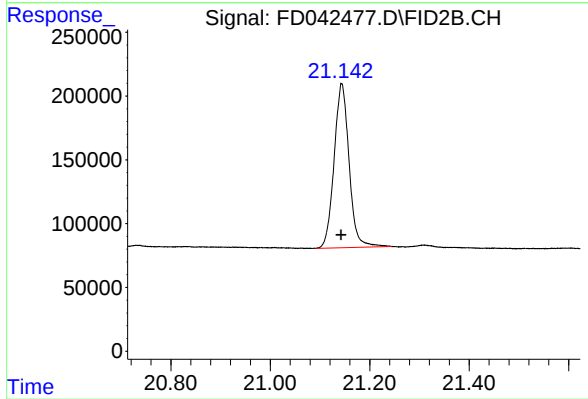
#21 n-Octatriacontane (C38)

R.T.: 20.372 min
Delta R.T.: 0.004 min
Response: 2912026
Conc: 29.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.142 min
Delta R.T.: 0.000 min
Response: 2688508
Conc: 29.81 ug/ml m