

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE073024AL\
 Data File : FE049309.D
 Signal(s) : FID1B.ch
 Acq On : 30 Jul 2024 14:19
 Operator : YP\AJ
 Sample : PB162356BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB162356BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 07/31/2024

Supervised By :Ankita Jodhani 07/31/2024

Integration File: sample.E

Quant Time: Jul 31 01:20:14 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M

Quant Title : GC Extractables

QLast Update : Wed Jul 17 14:26:40 2024

Response via : Initial Calibration

Integrator: ChemStation

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)	11.907	6594236	42.515 ug/ml
Spiked Amount 50.000		Recovery =	85.03%
12) S 1-chlorooctadecane (S...	13.341	5219509	44.674 ug/ml
Spiked Amount 50.000		Recovery =	89.35%
Target Compounds			
1) T n-Nonane (C9)	3.300	4994910	33.213 ug/ml
2) T n-Decane (C10)	4.547	5168927	33.466 ug/ml
3) T A~Naphthalene (C11.7)	6.251	5784491	37.127 ug/ml
4) T n-Dodecane (C12)	6.710	5101231	33.129 ug/ml
5) T A~2-methylnaphthalene...	7.346	5681111	39.038 ug/ml
6) T n-Tetradecane (C14)	8.539	5483491	36.129 ug/ml
7) T n-Hexadecane (C16)	10.145	5955086	39.267 ug/ml
8) T n-Octadecane (C18)	11.588	6204560	40.865 ug/ml
10) T n-Eicosane (C20)	12.897	6274261	43.388 ug/ml
11) T n-Heneicosane (C21)	13.508	6106789	43.064 ug/ml
13) T n-Docosane (C22)	14.094	6045511	43.030 ug/ml
14) T n-Tetracosane (C24)	15.190	11500800	82.060 ug/ml
15) T n-Hexacosane (C26)	16.217	6020556	42.936 ug/ml
16) T n-Octacosane (C28)	17.166	6432764	45.959 ug/ml
17) T n-Tricontane (C30)	18.054	6096994	41.797 ug/ml
18) T n-Dotriacontane (C32)	18.885	6471800	44.015 ug/ml
19) T n-Tetratriacontane (C34)	19.668	6351261	43.481 ug/mlm
20) T n-Hexatriacontane (C36)	20.407	6616573	45.898 ug/ml
21) T n-Octatriacontane (C38)	21.139	6846404	45.737 ug/ml
22) T n-Tetracontane (C40)	22.043	6722215	44.546 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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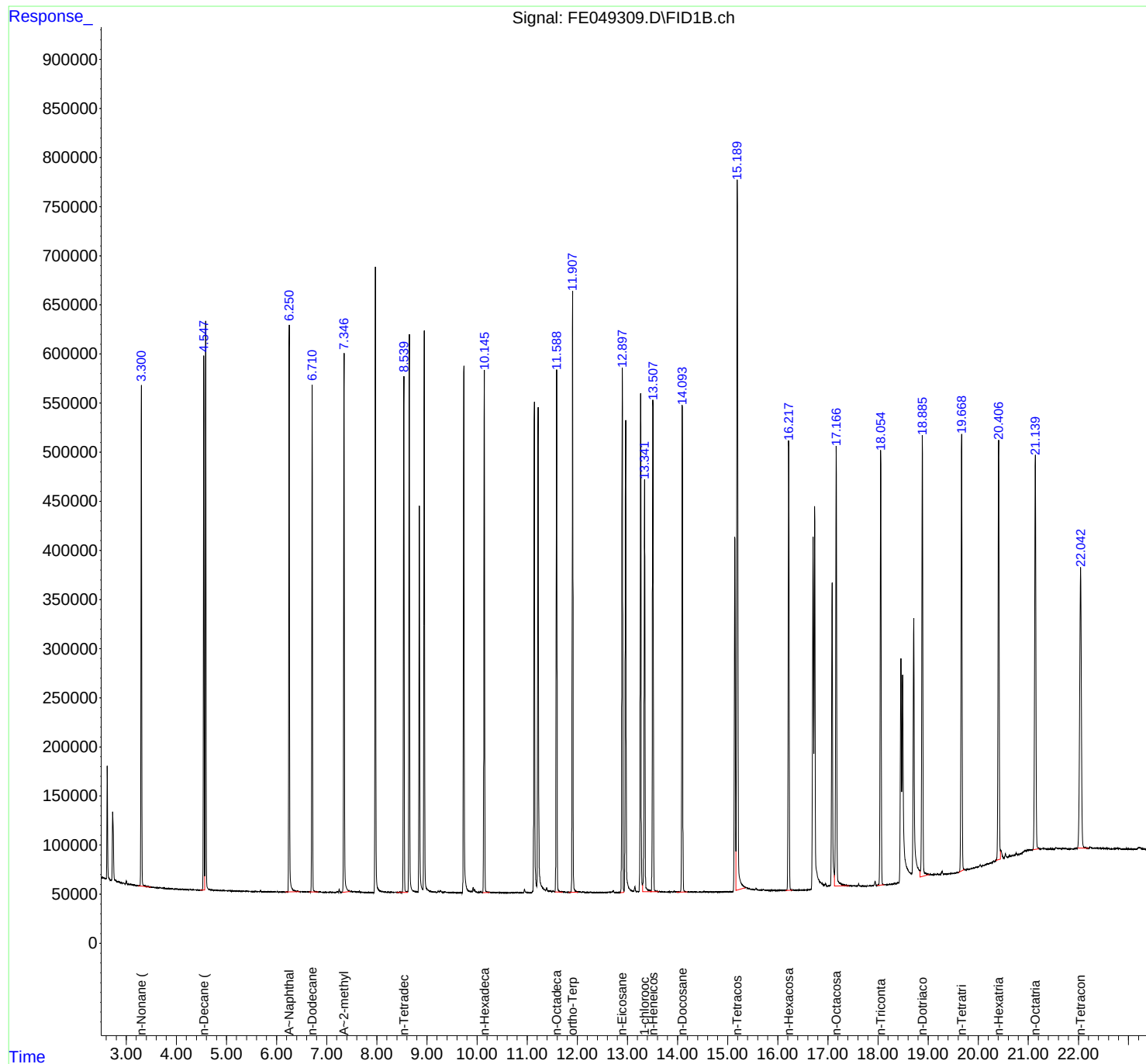
Instrument :
FID_E
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PB162356BSD

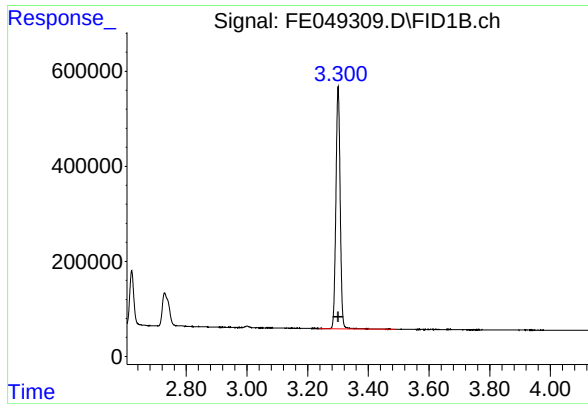
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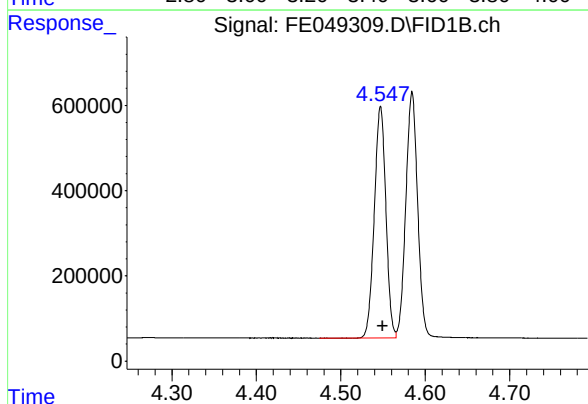
#1 n-Nonane (C9)

R.T.: 3.300 min
Delta R.T.: 0.000 min
Response: 4994910
Conc: 33.21 ug/ml

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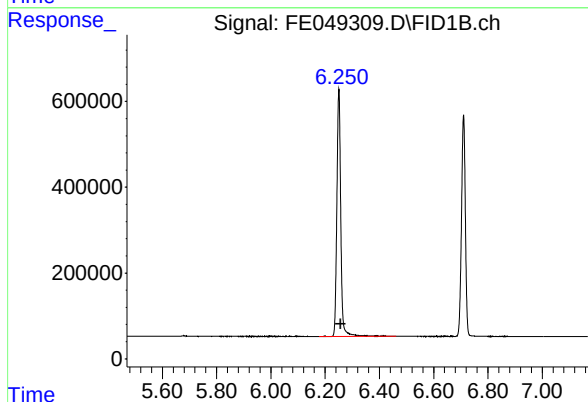
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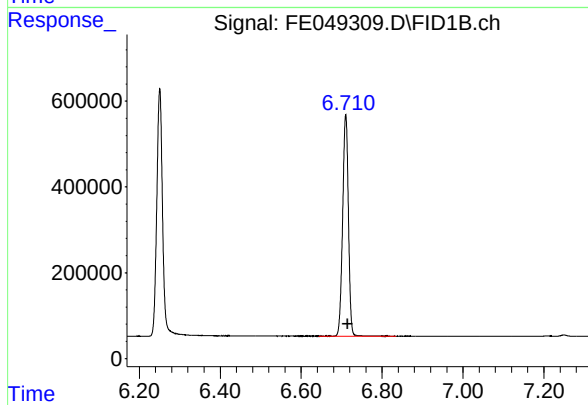
#2 n-Decane (C10)

R.T.: 4.547 min
Delta R.T.: -0.003 min
Response: 5168927
Conc: 33.47 ug/ml



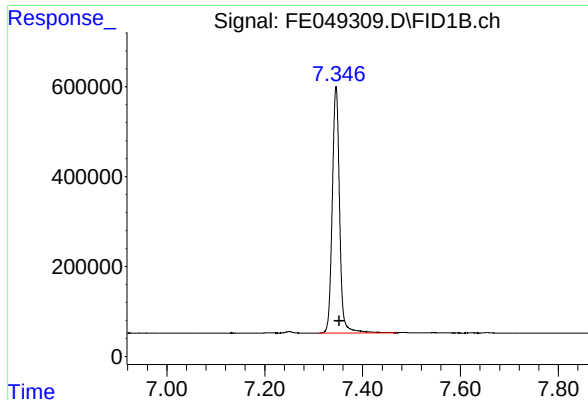
#3 A~Naphthalene (C11.7)

R.T.: 6.251 min
Delta R.T.: -0.006 min
Response: 5784491
Conc: 37.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.710 min
Delta R.T.: -0.005 min
Response: 5101231
Conc: 33.13 ug/ml



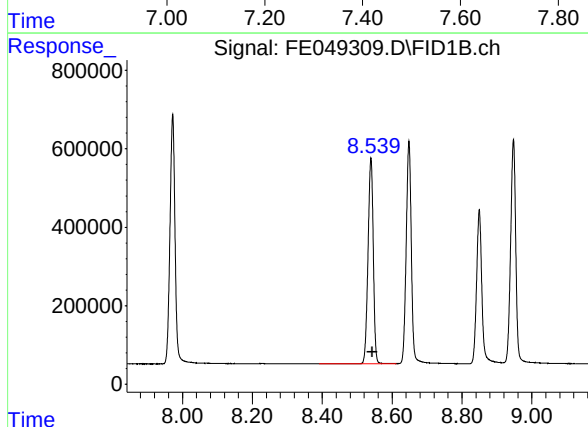
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.346 min
Delta R.T.: -0.007 min
Response: 5681111
Conc: 39.04 ug/ml

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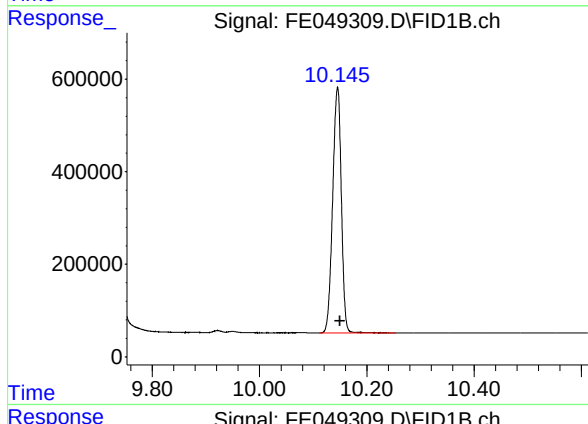
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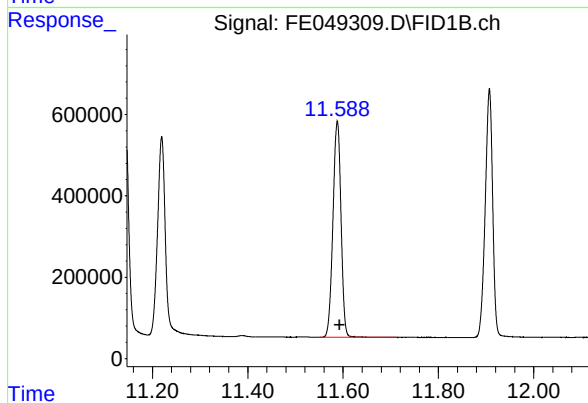
#6 n-Tetradecane (C14)

R.T.: 8.539 min
Delta R.T.: -0.004 min
Response: 5483491
Conc: 36.13 ug/ml



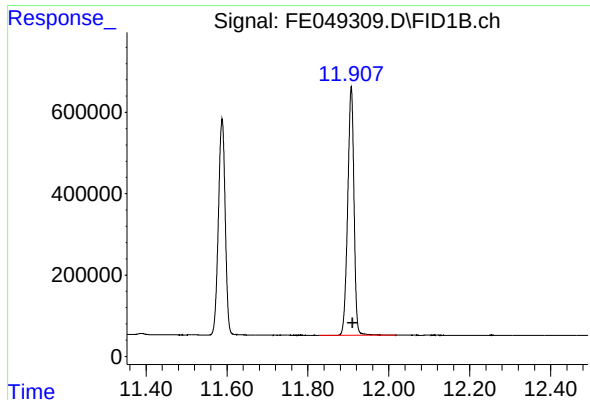
#7 n-Hexadecane (C16)

R.T.: 10.145 min
Delta R.T.: -0.005 min
Response: 5955086
Conc: 39.27 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.588 min
Delta R.T.: -0.005 min
Response: 6204560
Conc: 40.86 ug/ml



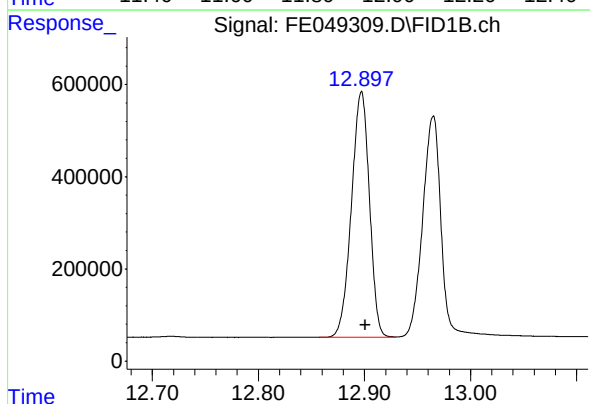
#9 ortho-Terphenyl (SURR)

R.T.: 11.907 min
Delta R.T.: -0.004 min
Response: 6594236
Conc: 42.52 ug/ml

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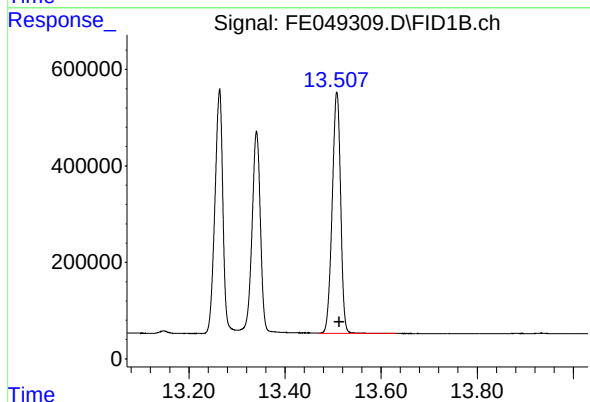
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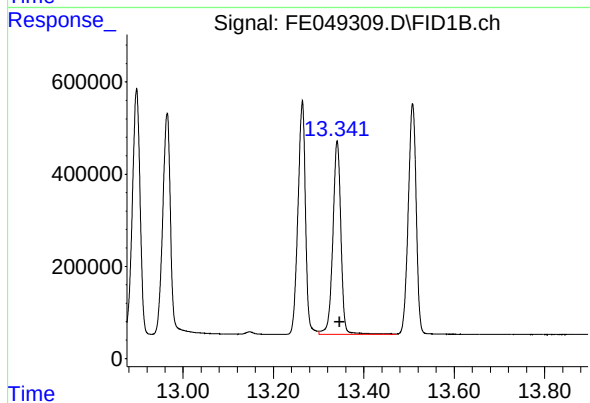
#10 n-Eicosane (C20)

R.T.: 12.897 min
Delta R.T.: -0.004 min
Response: 6274261
Conc: 43.39 ug/ml



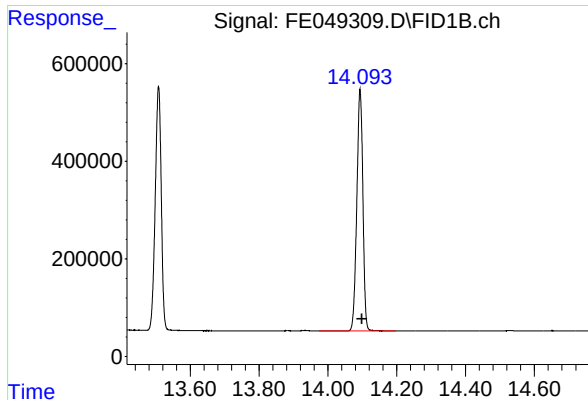
#11 n-Heneicosane (C21)

R.T.: 13.508 min
Delta R.T.: -0.005 min
Response: 6106789
Conc: 43.06 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.341 min
Delta R.T.: -0.005 min
Response: 5219509
Conc: 44.67 ug/ml



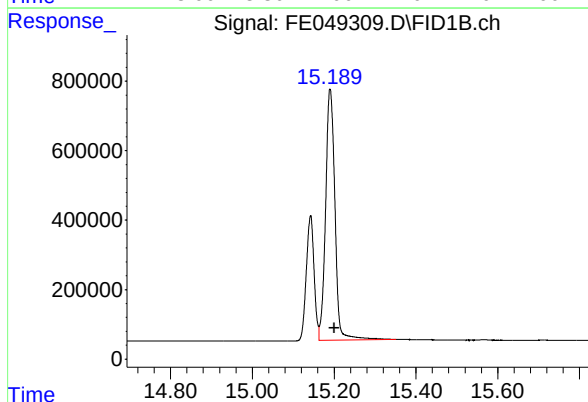
#13 n-Docosane (C22)

R.T.: 14.094 min
Delta R.T.: -0.005 min
Response: 6045511
Conc: 43.03 ug/ml

Instrument :
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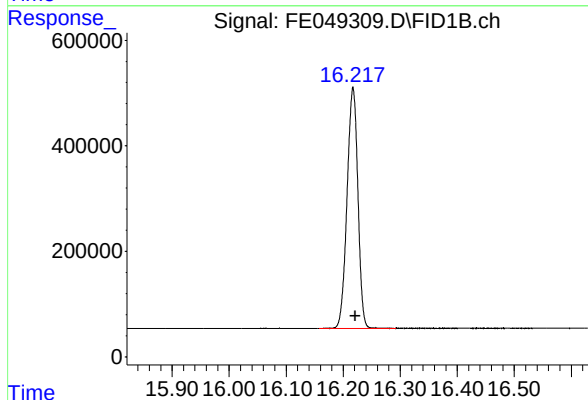
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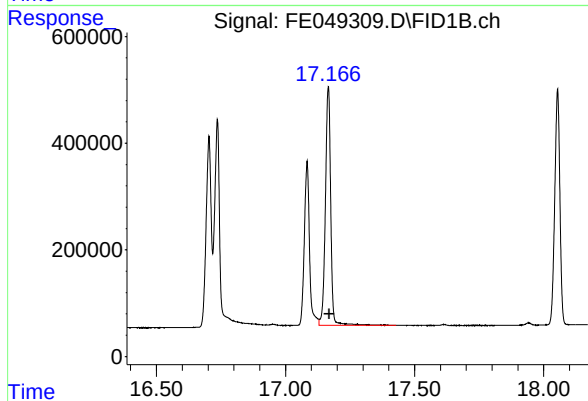
#14 n-Tetracosane (C24)

R.T.: 15.190 min
Delta R.T.: -0.010 min
Response: 11500800
Conc: 82.06 ug/ml



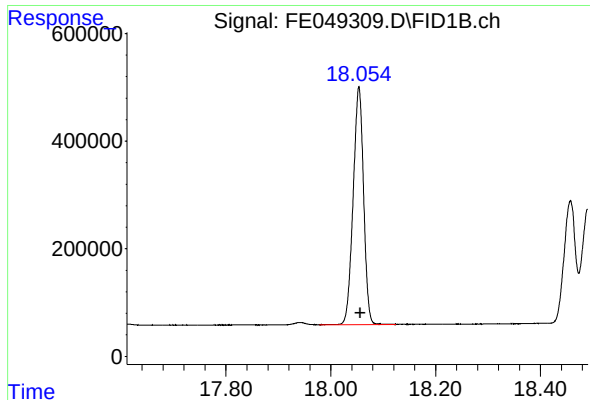
#15 n-Hexacosane (C26)

R.T.: 16.217 min
Delta R.T.: -0.004 min
Response: 6020556
Conc: 42.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.166 min
Delta R.T.: -0.004 min
Response: 6432764
Conc: 45.96 ug/ml



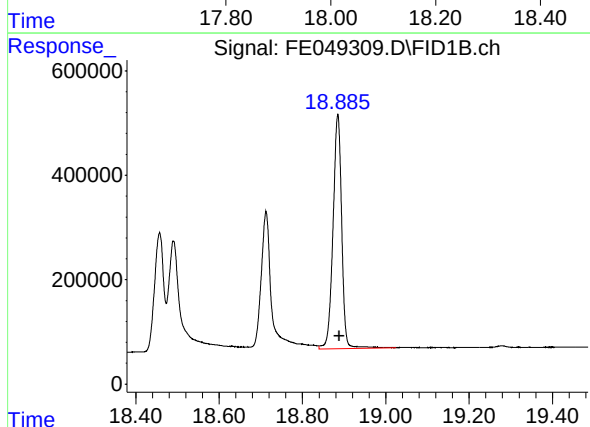
#17 n-Tricontane (C30)

R.T.: 18.054 min
Delta R.T.: -0.003 min
Response: 6096994
Conc: 41.80 ug/ml

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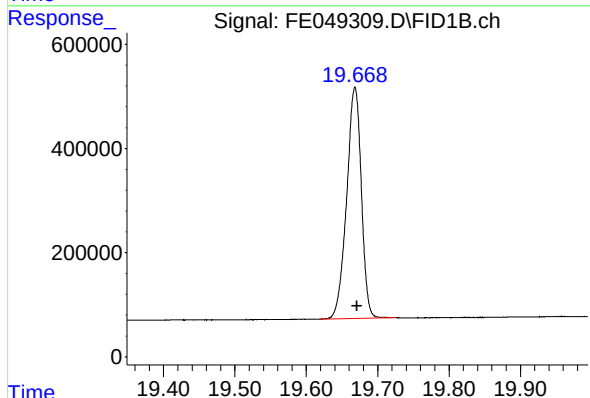
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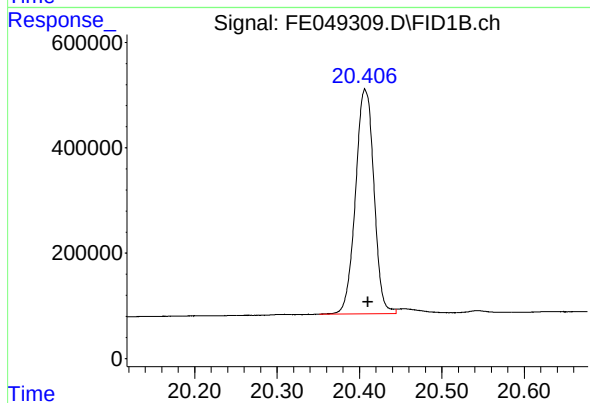
#18 n-Dotriacontane (C32)

R.T.: 18.885 min
Delta R.T.: -0.003 min
Response: 6471800
Conc: 44.01 ug/ml



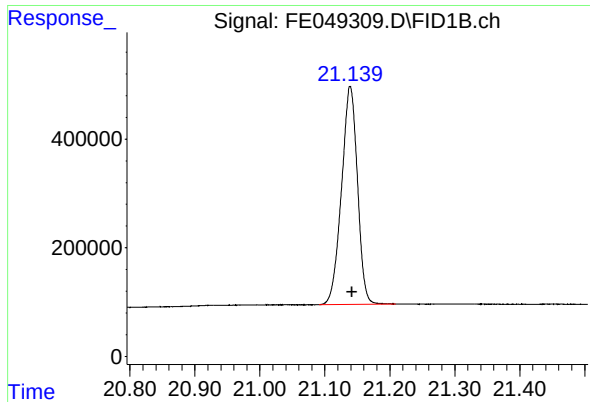
#19 n-Tetratriacontane (C34)

R.T.: 19.668 min
Delta R.T.: -0.003 min
Response: 6351261
Conc: 43.48 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.407 min
Delta R.T.: -0.003 min
Response: 6616573
Conc: 45.90 ug/ml



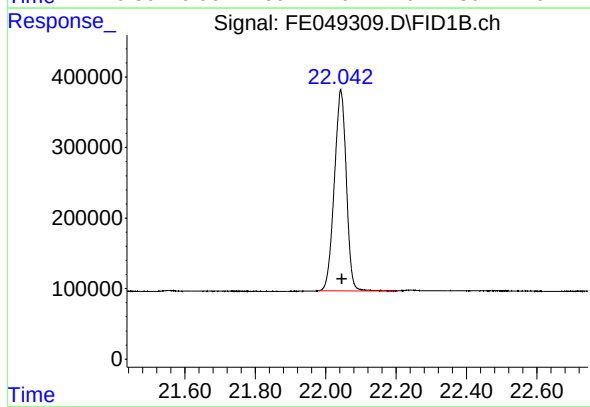
#21 n-Octatriacontane (C38)

R.T.: 21.139 min
Delta R.T.: -0.003 min
Response: 6846404
Conc: 45.74 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.043 min
Delta R.T.: -0.004 min
Response: 6722215
Conc: 44.55 ug/ml