

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061724AL\
 Data File : FE048742.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jun 2024 19:17
 Operator : YP\AJ
 Sample : PB161521BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB161521BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/18/2024
 Supervised By :Ankita Jodhani 06/18/2024

Integration File: autoint1.e
 Quant Time: Jun 18 01:18:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.938	6378871	44.422 ug/ml
Spiked Amount 50.000		Recovery =	88.84%
12) S 1-chlorooctadecane (S...	13.372	5349339	49.103 ug/ml
Spiked Amount 50.000		Recovery =	98.21%
Target Compounds			
1) T n-Nonane (C9)	3.337	6014972	40.232 ug/ml
2) T n-Decane (C10)	4.582	6396760	42.362 ug/ml
3) T A~Naphthalene (C11.7)	6.282	6823807	45.829 ug/ml
4) T n-Dodecane (C12)	6.742	6218848	42.012 ug/ml
5) T A~2-methylnaphthalene...	7.378	6692822	48.270 ug/ml
6) T n-Tetradecane (C14)	8.571	6320294	44.561 ug/ml
7) T n-Hexadecane (C16)	10.176	6201175	43.986 ug/ml
8) T n-Octadecane (C18)	11.618	6072401	43.722 ug/ml
10) T n-Eicosane (C20)	12.928	6002141	45.356 ug/ml
11) T n-Heneicosane (C21)	13.539	5776039	44.592 ug/ml
13) T n-Docosane (C22)	14.125	5728747	44.456 ug/ml
14) T n-Tetracosane (C24)	15.225	10733901	82.855 ug/ml
15) T n-Hexacosane (C26)	16.248	5707814	44.040 ug/ml
16) T n-Octacosane (C28)	17.196	5983696	46.294 ug/ml
17) T n-Tricontane (C30)	18.082	5829217	43.514 ug/ml
18) T n-Dotriacontane (C32)	18.913	6163769	45.408 ug/ml
19) T n-Tetratriacontane (C34)	19.696	6565756	47.995 ug/ml
20) T n-Hexatriacontane (C36)	20.437	7302707	53.722 ug/mlm
21) T n-Octatriacontane (C38)	21.174	8452261	61.979 ug/ml
22) T n-Tetracontane (C40)	22.089	8980670	65.590 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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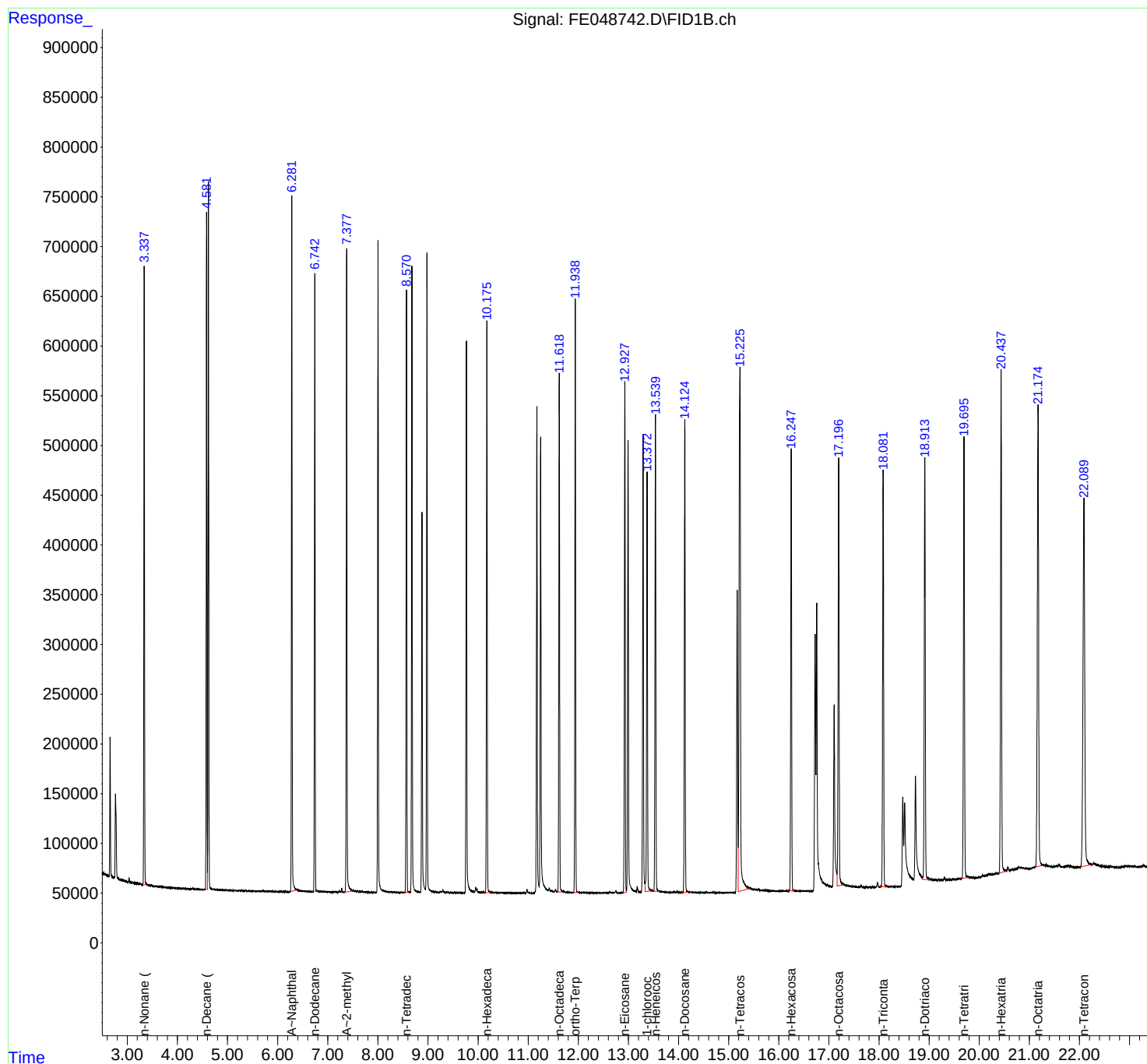
Response via : Initial Calibration

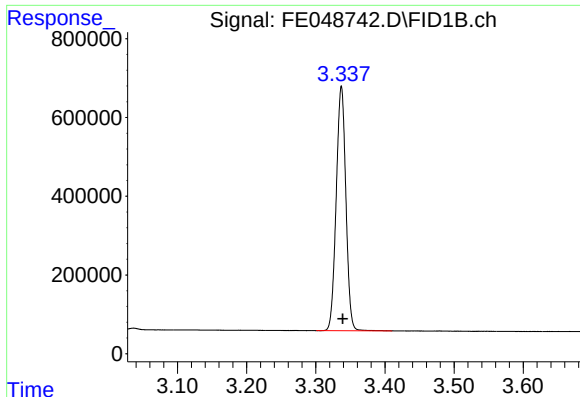
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.337 min
Delta R.T.: -0.002 min
Response: 6014972
Conc: 40.23 ug/ml

Instrument :

FID_E

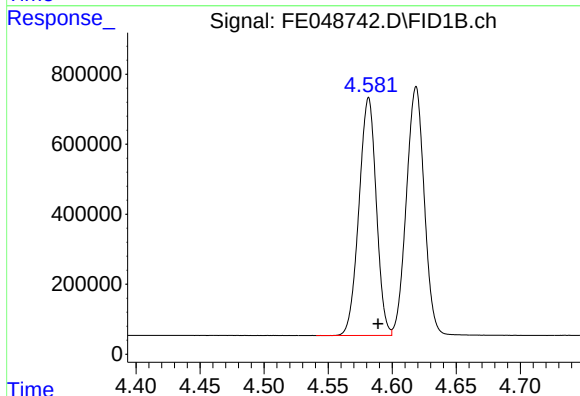
ClientSampleId :

PB161521BS

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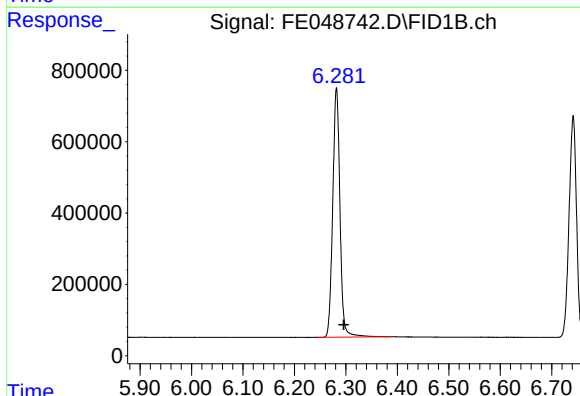
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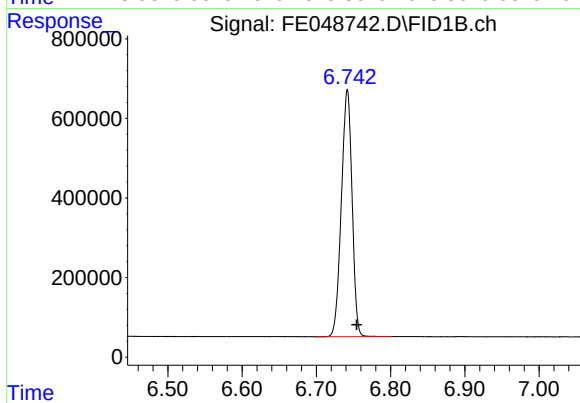
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: -0.007 min
Response: 6396760
Conc: 42.36 ug/ml



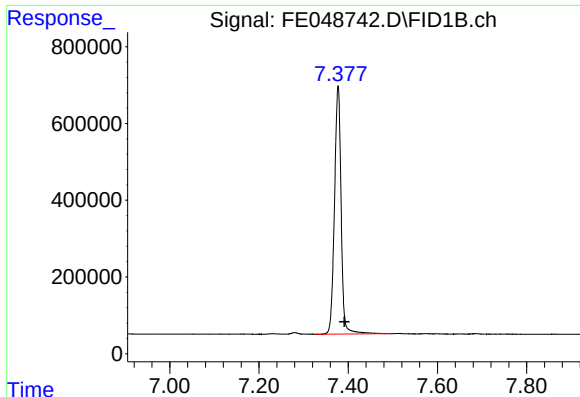
#3 A~Naphthalene (C11.7)

R.T.: 6.282 min
Delta R.T.: -0.014 min
Response: 6823807
Conc: 45.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.742 min
Delta R.T.: -0.012 min
Response: 6218848
Conc: 42.01 ug/ml



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

R.T.: 7.378 min
Delta R.T.: -0.014 min
Response: 6692822
Conc: 48.27 ug/ml

Instrument :

FID_E

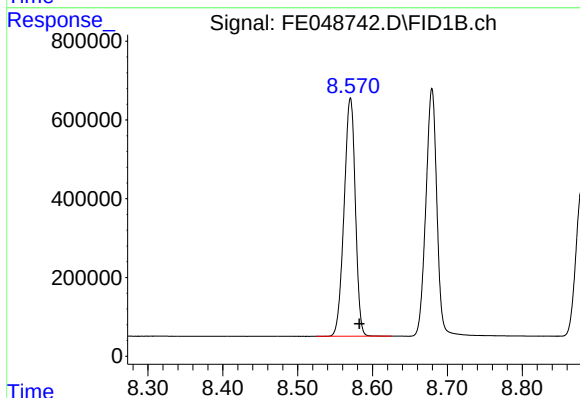
ClientSampleId :

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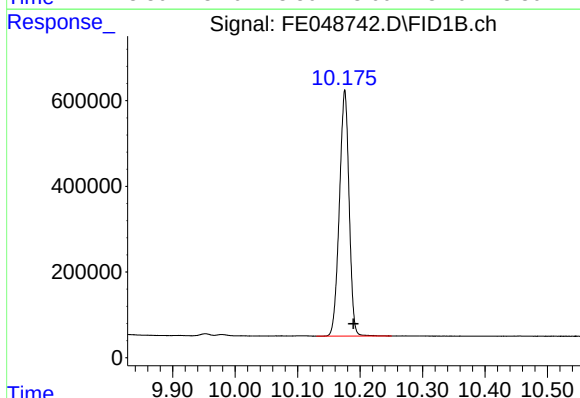
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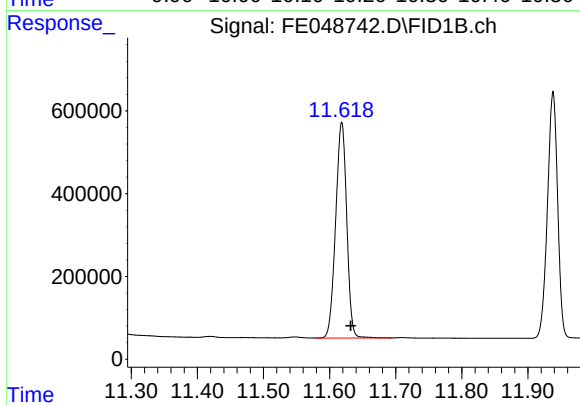
#6 n-Tetradecane (C14)

R.T.: 8.571 min
Delta R.T.: -0.012 min
Response: 6320294
Conc: 44.56 ug/ml



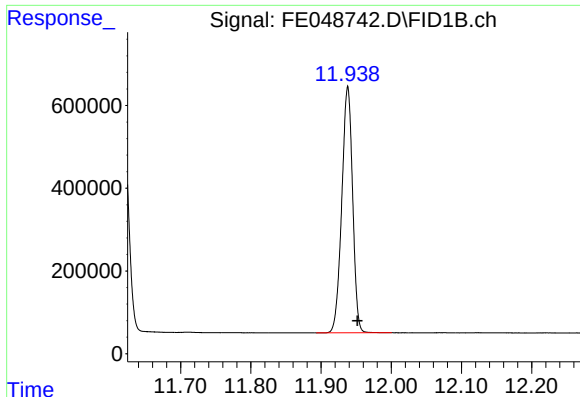
#7 n-Hexadecane (C16)

R.T.: 10.176 min
Delta R.T.: -0.014 min
Response: 6201175
Conc: 43.99 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.618 min
Delta R.T.: -0.014 min
Response: 6072401
Conc: 43.72 ug/ml



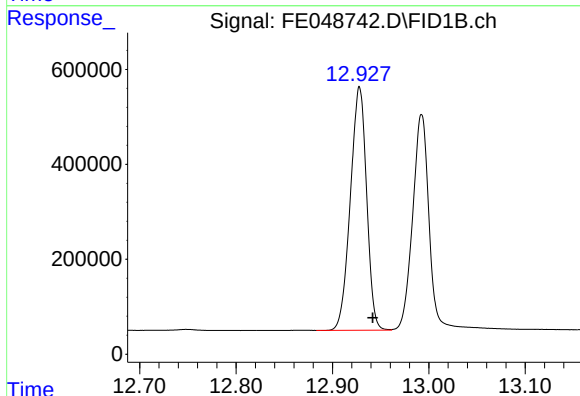
#9 ortho-Terphenyl (SURR)

R.T.: 11.938 min
Delta R.T.: -0.014 min
Response: 6378871
Conc: 44.42 ug/ml

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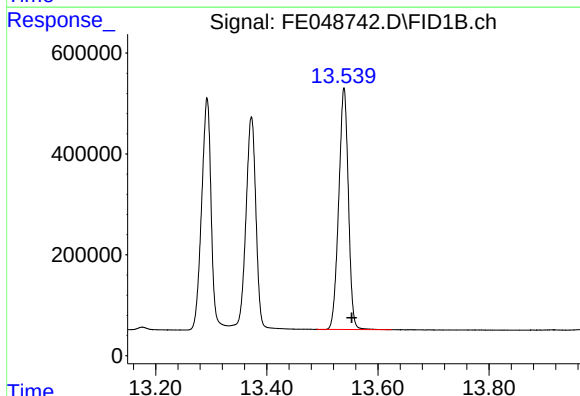
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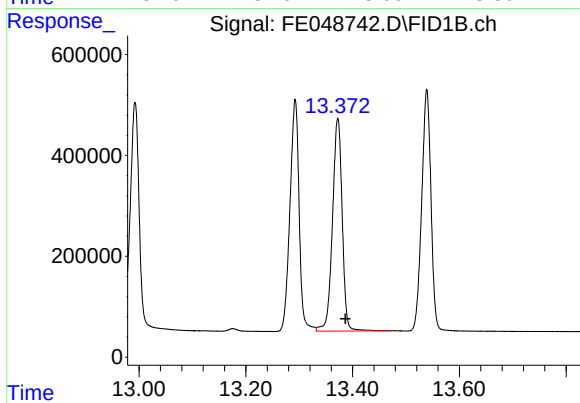
#10 n-Eicosane (C20)

R.T.: 12.928 min
Delta R.T.: -0.014 min
Response: 6002141
Conc: 45.36 ug/ml



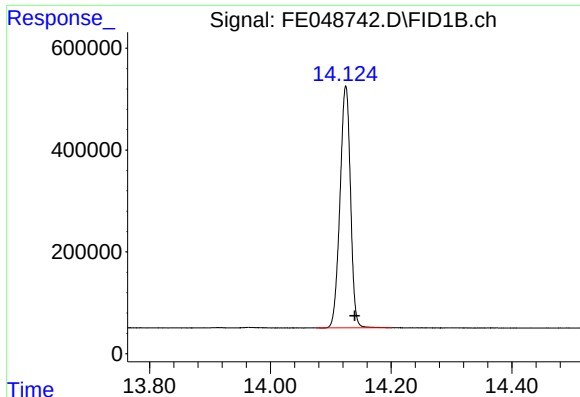
#11 n-Heneicosane (C21)

R.T.: 13.539 min
Delta R.T.: -0.014 min
Response: 5776039
Conc: 44.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.372 min
Delta R.T.: -0.014 min
Response: 5349339
Conc: 49.10 ug/ml



#13 n-Docosane (C22)

R.T.: 14.125 min
Delta R.T.: -0.015 min
Response: 5728747
Conc: 44.46 ug/ml

Instrument :

FID_E

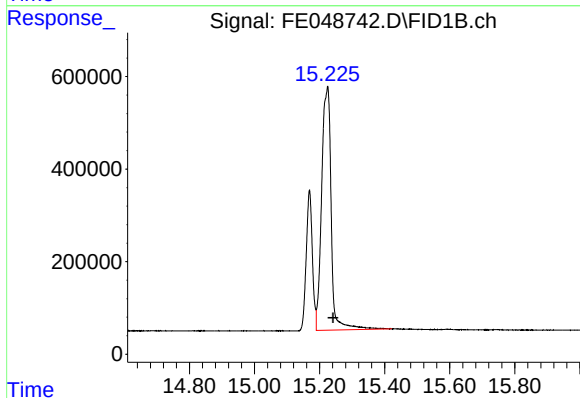
ClientSampleId :

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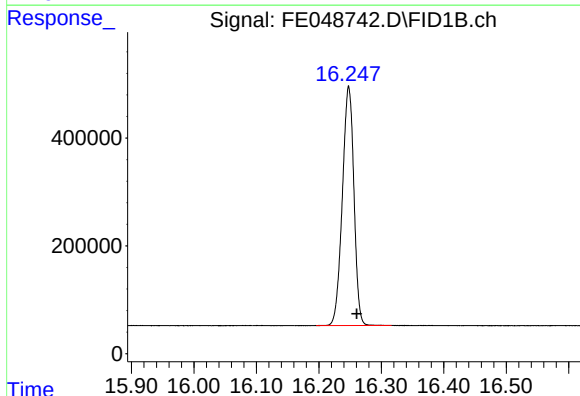
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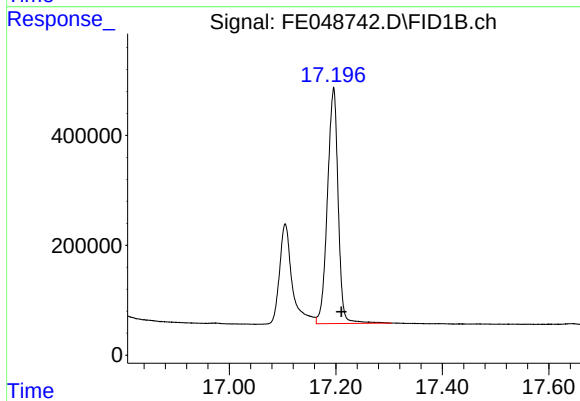
#14 n-Tetracosane (C24)

R.T.: 15.225 min
Delta R.T.: -0.017 min
Response: 10733901
Conc: 82.86 ug/ml



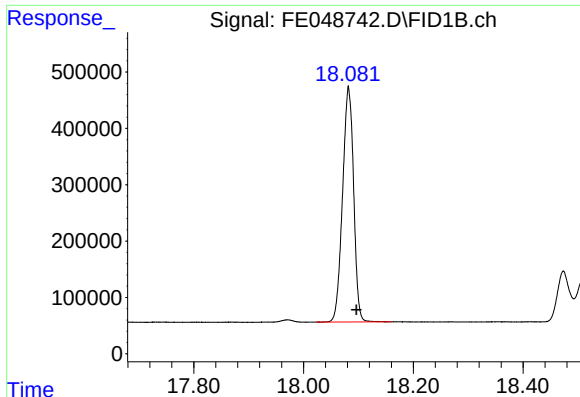
#15 n-Hexacosane (C26)

R.T.: 16.248 min
Delta R.T.: -0.013 min
Response: 5707814
Conc: 44.04 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.196 min
Delta R.T.: -0.014 min
Response: 5983696
Conc: 46.29 ug/ml



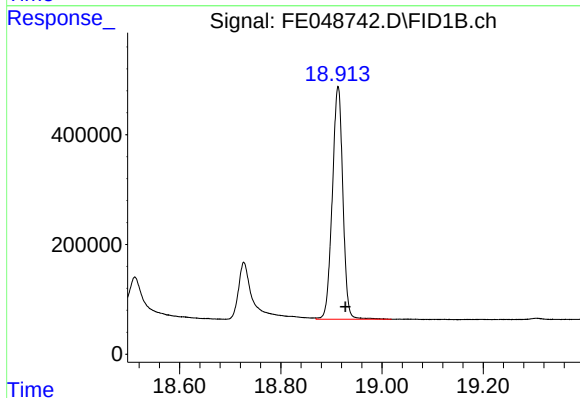
#17 n-Tricontane (C30)

R.T.: 18.082 min
Delta R.T.: -0.014 min
Response: 5829217
Conc: 43.51 ug/ml

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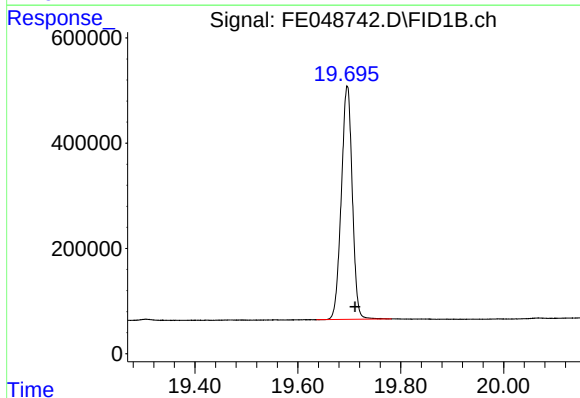
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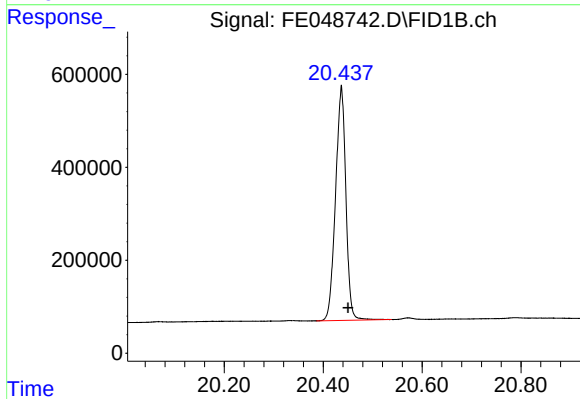
#18 n-Dotriacontane (C32)

R.T.: 18.913 min
Delta R.T.: -0.014 min
Response: 6163769
Conc: 45.41 ug/ml



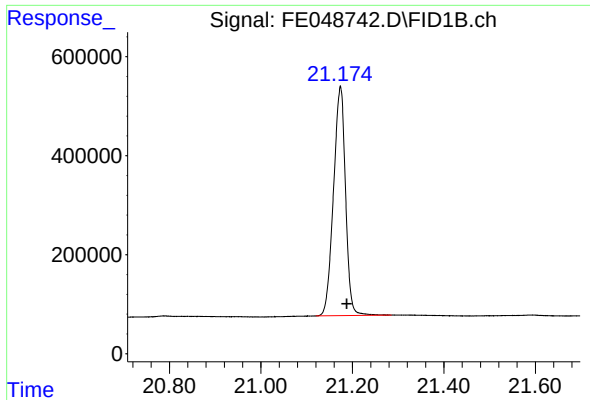
#19 n-Tetratriacontane (C34)

R.T.: 19.696 min
Delta R.T.: -0.015 min
Response: 6565756
Conc: 47.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.437 min
Delta R.T.: -0.014 min
Response: 7302707
Conc: 53.72 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.174 min
Delta R.T.: -0.014 min
Response: 8452261
Conc: 61.98 ug/ml

Instrument :

FID_E

ClientSampleId :

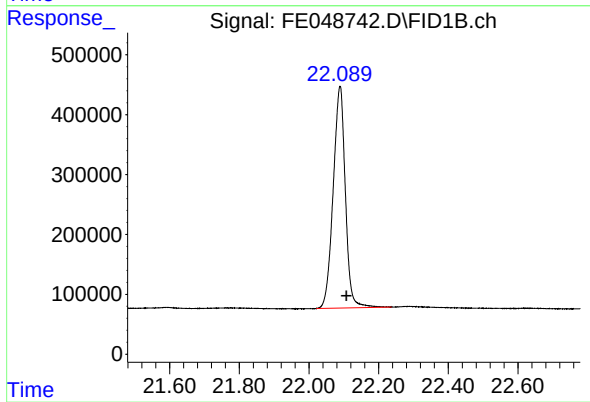
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#22 n-Tetracontane (C40)

R.T.: 22.089 min
Delta R.T.: -0.018 min
Response: 8980670
Conc: 65.59 ug/ml