

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040124AL\
 Data File : FE047406.D
 Signal(s) : FID1B.ch
 Acq On : 01 Apr 2024 16:39
 Operator : YP\AJ
 Sample : P1915-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WC-A-COMPMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :Ankita Jodhani 04/02/2024

Integration File: autoint1.e

Quant Time: Apr 02 03:04:16 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032324.M

Quant Title : GC Extractables

QLast Update : Sat Mar 23 01:31:33 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)	11.987	4938949	31.538 ug/ml
Spiked Amount 50.000		Recovery =	63.08%
12) S 1-chlorooctadecane (S...	13.419	4255275	35.086 ug/ml
Spiked Amount 50.000		Recovery =	70.17%
Target Compounds			
1) T n-Nonane (C9)	3.366	4213049	28.850 ug/ml
2) T n-Decane (C10)	4.620	4831541	32.412 ug/ml
3) T A~Naphthalene (C11.7)	6.327	5431451	35.009 ug/ml
4) T n-Dodecane (C12)	6.786	5413276	36.196 ug/ml
5) T A~2-methylnaphthalene...	7.424	5647505	37.737 ug/ml
6) T n-Tetradecane (C14)	8.616	6090561	41.294 ug/ml
7) T n-Hexadecane (C16)	10.222	6625703	43.775 ug/ml
8) T n-Octadecane (C18)	11.666	6921449	45.557 ug/mlm
10) T n-Eicosane (C20)	12.976	7008977	48.174 ug/ml
11) T n-Heneicosane (C21)	13.587	6812000	47.662 ug/ml
13) T n-Docosane (C22)	14.173	6818903	48.036 ug/ml
14) T n-Tetracosane (C24)	15.268	11316481	80.273 ug/ml
15) T n-Hexacosane (C26)	16.295	6658211	47.882 ug/ml
16) T n-Octacosane (C28)	17.242	6823427	49.937 ug/ml
17) T n-Tricontane (C30)	18.129	6844076	49.293 ug/ml
18) T n-Dotriacontane (C32)	18.960	6689495	48.496 ug/mlm
19) T n-Tetratriacontane (C34)	19.744	6925299	50.531 ug/mlm
20) T n-Hexatriacontane (C36)	20.482	6954846	50.926 ug/ml
21) T n-Octatriacontane (C38)	21.227	7287437	52.573 ug/ml
22) T n-Tetracontane (C40)	22.160	7411152	51.732 ug/ml

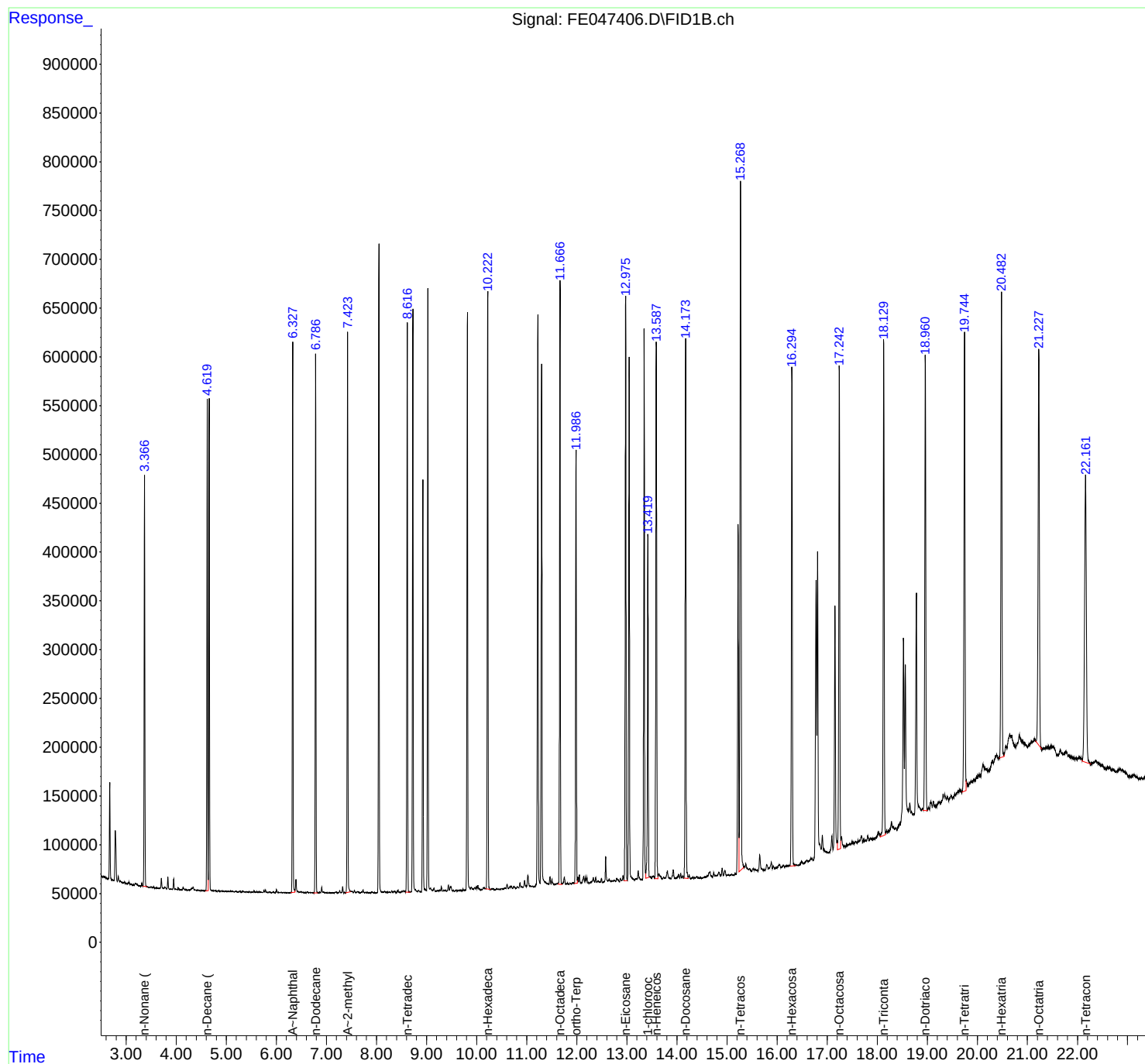
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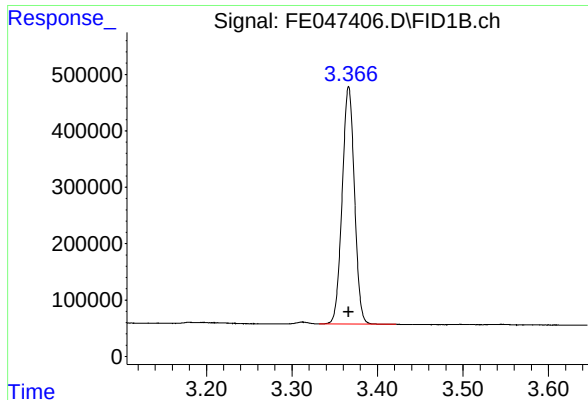
(m)=manual int.

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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





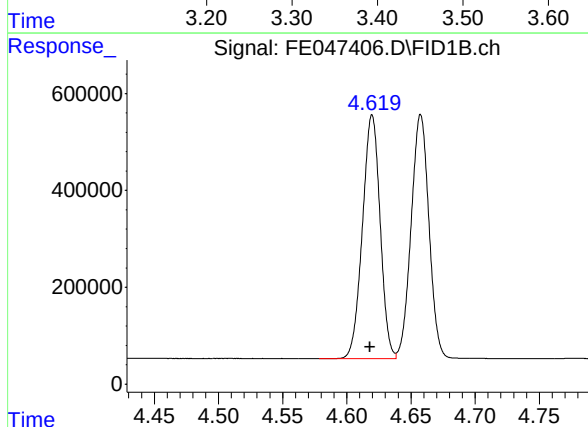
#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: 0.000 min
Response: 4213049
Conc: 28.85 ug/ml

Instrument :
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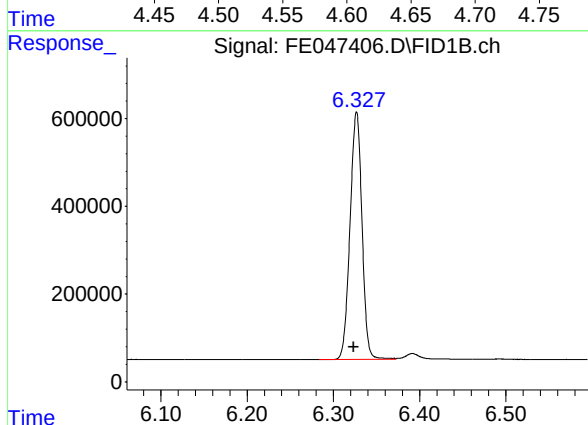
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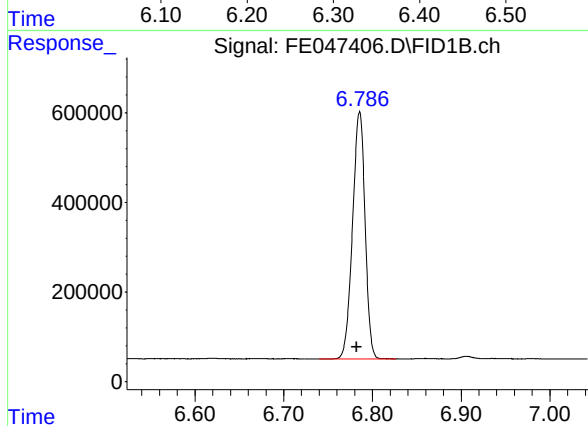
#2 n-Decane (C10)

R.T.: 4.620 min
Delta R.T.: 0.002 min
Response: 4831541
Conc: 32.41 ug/ml



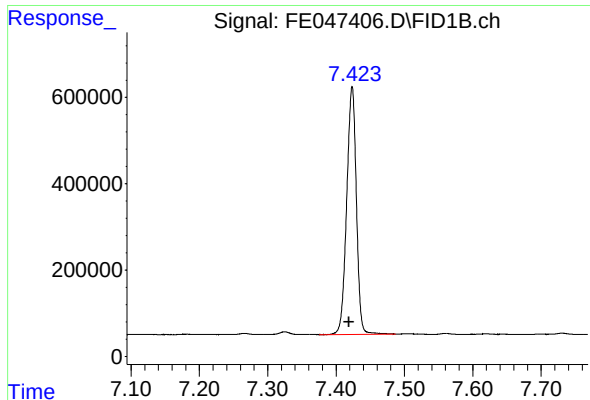
#3 A~Naphthalene (C11.7)

R.T.: 6.327 min
Delta R.T.: 0.003 min
Response: 5431451
Conc: 35.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.786 min
Delta R.T.: 0.003 min
Response: 5413276
Conc: 36.20 ug/ml



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

R.T.: 7.424 min
Delta R.T.: 0.005 min
Response: 5647505
Conc: 37.74 ug/ml

Instrument :

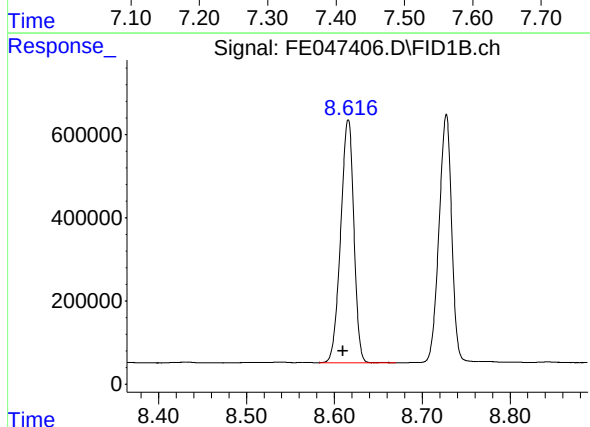
FID_E

ClientSampleId :

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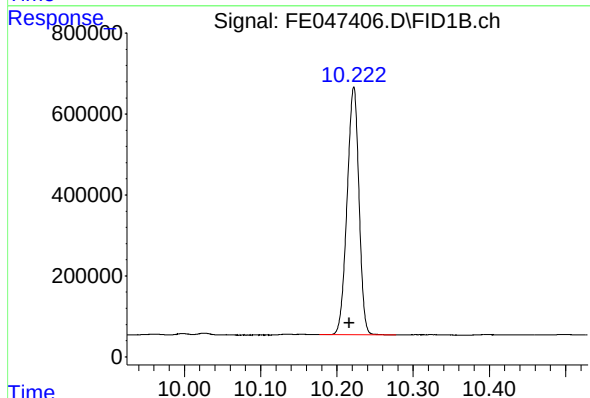
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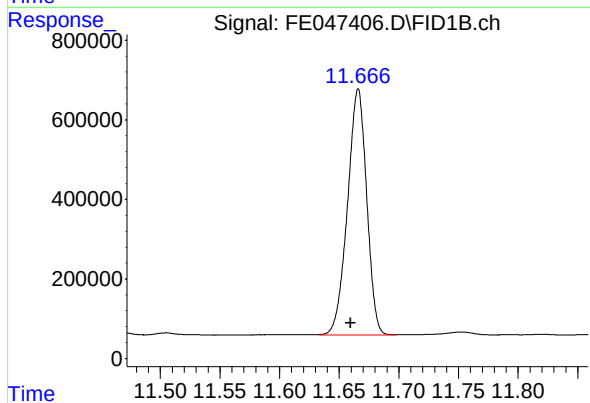
#6 n-Tetradecane (C14)

R.T.: 8.616 min
Delta R.T.: 0.006 min
Response: 6090561
Conc: 41.29 ug/ml



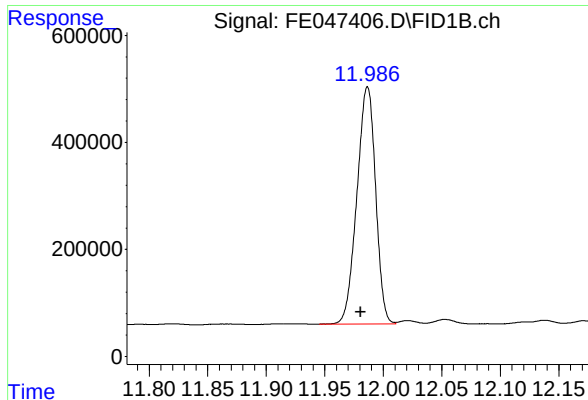
#7 n-Hexadecane (C16)

R.T.: 10.222 min
Delta R.T.: 0.006 min
Response: 6625703
Conc: 43.77 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.666 min
Delta R.T.: 0.006 min
Response: 6921449
Conc: 45.56 ug/ml m



#9 ortho-Terphenyl (SURR)

R.T.: 11.987 min
Delta R.T.: 0.006 min
Response: 4938949
Conc: 31.54 ug/ml

Instrument :

FID_E

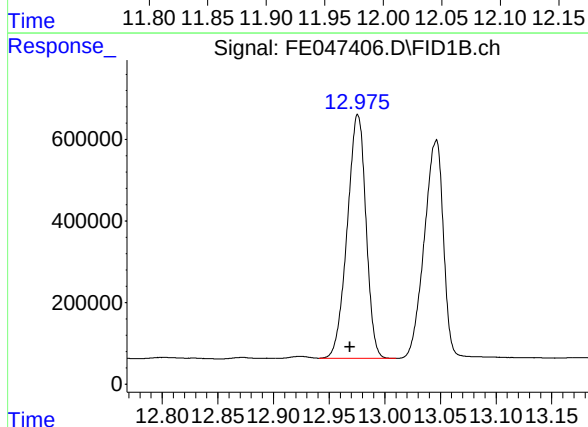
ClientSampleId :

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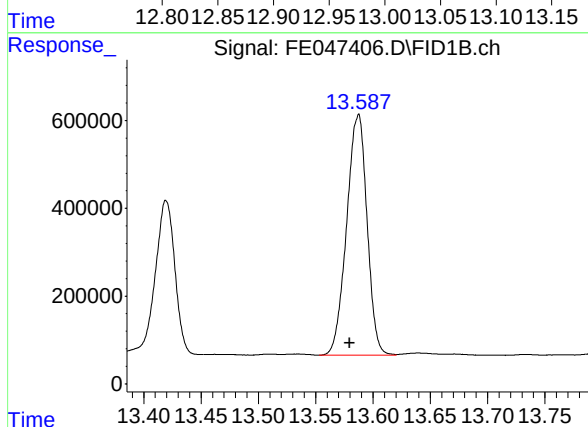
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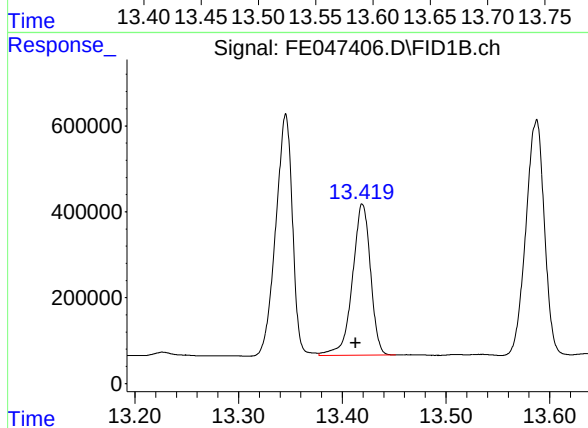
#10 n-Eicosane (C20)

R.T.: 12.976 min
Delta R.T.: 0.007 min
Response: 7008977
Conc: 48.17 ug/ml



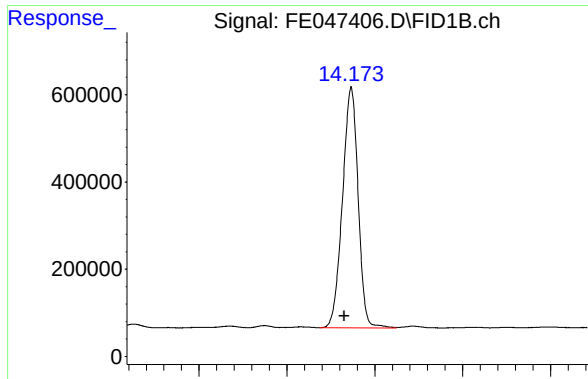
#11 n-Heneicosane (C21)

R.T.: 13.587 min
Delta R.T.: 0.008 min
Response: 6812000
Conc: 47.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.419 min
Delta R.T.: 0.007 min
Response: 4255275
Conc: 35.09 ug/ml



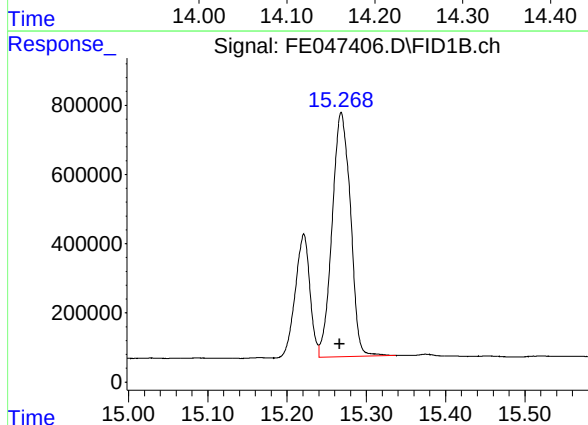
#13 n-Docosane (C22)

R.T.: 14.173 min
Delta R.T.: 0.008 min
Response: 6818903
Conc: 48.04 ug/ml

Instrument :
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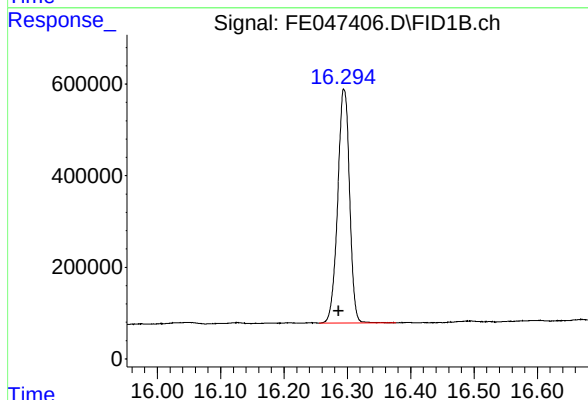
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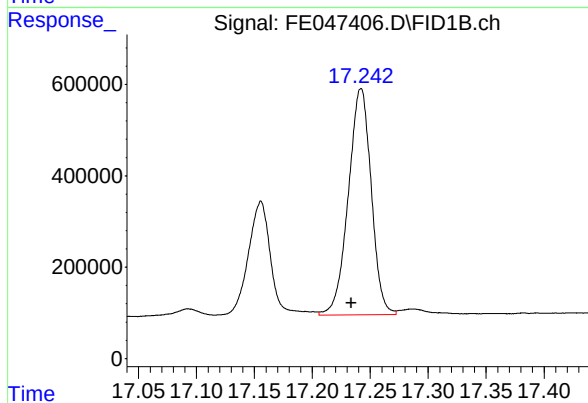
#14 n-Tetracosane (C24)

R.T.: 15.268 min
Delta R.T.: 0.002 min
Response: 11316481
Conc: 80.27 ug/ml



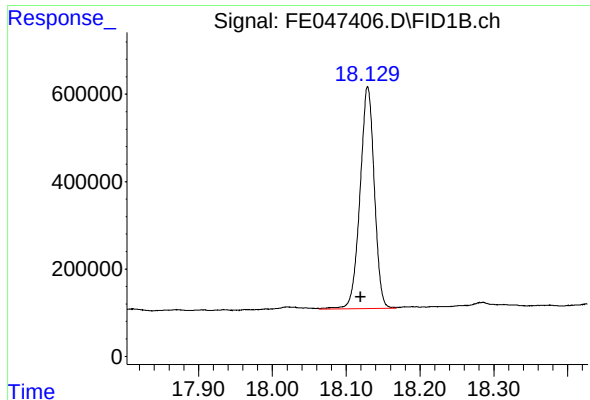
#15 n-Hexacosane (C26)

R.T.: 16.295 min
Delta R.T.: 0.009 min
Response: 6658211
Conc: 47.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.242 min
Delta R.T.: 0.008 min
Response: 6823427
Conc: 49.94 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.129 min
Delta R.T.: 0.009 min
Response: 6844076
Conc: 49.29 ug/ml

Instrument :

FID_E

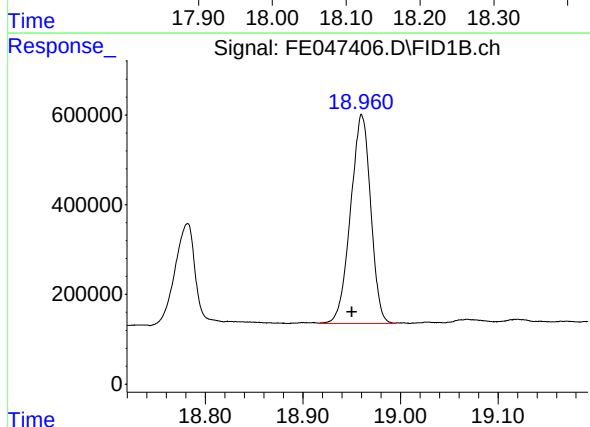
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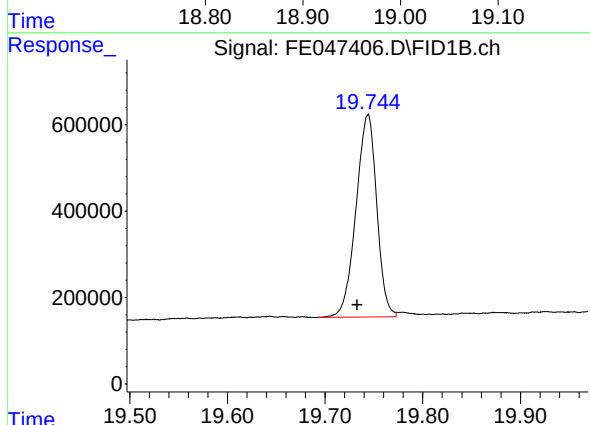
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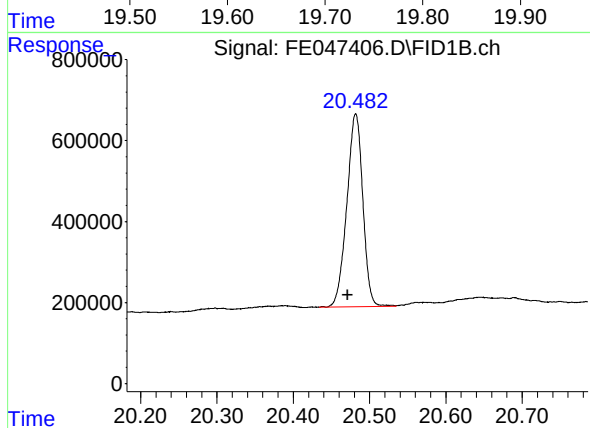
#18 n-Dotriacontane (C32)

R.T.: 18.960 min
Delta R.T.: 0.009 min
Response: 6689495
Conc: 48.50 ug/ml m



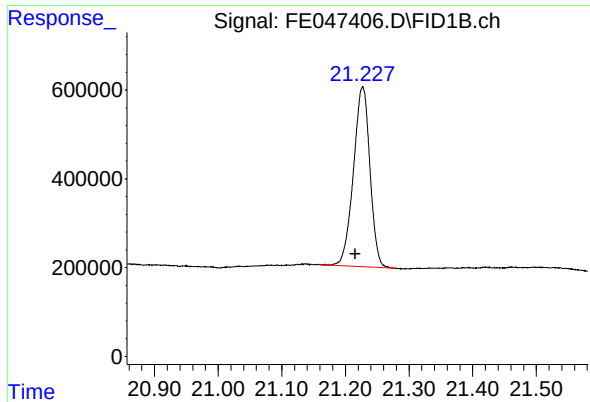
#19 n-Tetratriacontane (C34)

R.T.: 19.744 min
Delta R.T.: 0.011 min
Response: 6925299
Conc: 50.53 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.482 min
Delta R.T.: 0.011 min
Response: 6954846
Conc: 50.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.227 min
Delta R.T.: 0.012 min
Response: 7287437
Conc: 52.57 ug/ml

Instrument :

FID_E

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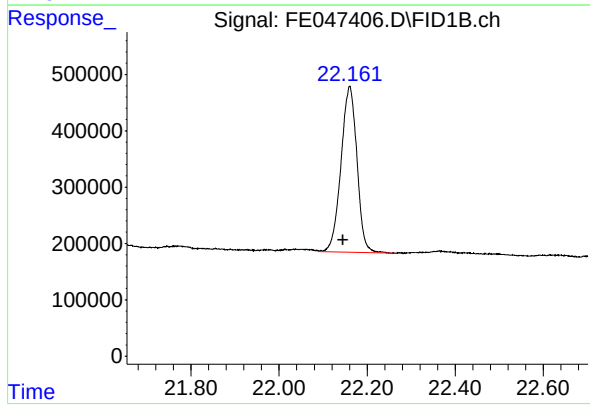
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#22 n-Tetracontane (C40)

R.T.: 22.160 min
Delta R.T.: 0.015 min
Response: 7411152
Conc: 51.73 ug/ml