

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060823AL\
 Data File : FE042523.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jun 2023 05:35
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 09 05:59:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 2023
 Response via : Initial Calibration
 Integrator: ChemStation

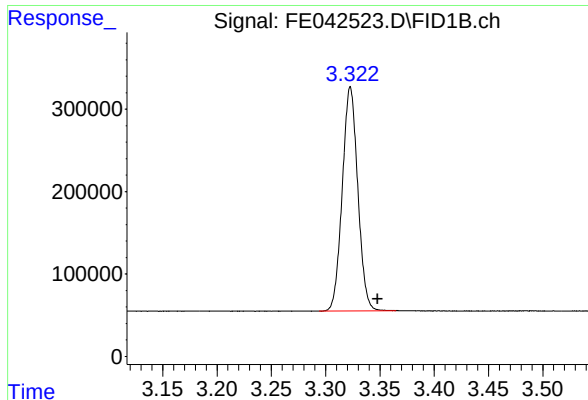
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.944	3195539	18.097 ug/ml
Spiked Amount 50.000		Recovery =	36.19%
12) S 1-chlorooctadecane (S...	13.380	2363308	17.785 ug/ml
Spiked Amount 50.000		Recovery =	35.57%
Target Compounds			
1) T n-Nonane (C9)	3.323	2703672	18.750 ug/ml
2) T n-Decane (C10)	4.575	2808796	18.974 ug/ml
3) T A~Naphthalene (C11.7)	6.283	3003376	18.408 ug/ml
4) T n-Dodecane (C12)	6.744	2844742	18.971 ug/ml
5) T A~2-methylnaphthalene...	7.381	2889602	18.208 ug/ml
6) T n-Tetradecane (C14)	8.573	2820435	18.827 ug/ml
7) T n-Hexadecane (C16)	10.181	2920314	18.748 ug/ml
8) T n-Octadecane (C18)	11.624	2929003	18.522 ug/ml
10) T n-Eicosane (C20)	12.934	2782943	18.359 ug/ml
11) T n-Heneicosane (C21)	13.546	2696793	18.203 ug/ml
13) T n-Docosane (C22)	14.133	2687734	18.334 ug/ml
14) T n-Tetracosane (C24)	15.236	2605877	18.052 ug/ml
15) T n-Hexacosane (C26)	16.257	2571235	18.565 ug/ml
16) T n-Octacosane (C28)	17.208	2617360	19.550 ug/ml
17) T n-Tricontane (C30)	18.096	2881949	21.349 ug/ml
18) T n-Dotriacontane (C32)	18.929	2968571	22.221 ug/ml
19) T n-Tetratriacontane (C34)	19.714	2789495	21.211 ug/ml
20) T n-Hexatriacontane (C36)	20.454	2676372	20.592 ug/ml
21) T n-Octatriacontane (C38)	21.200	2646194	19.504 ug/ml
22) T n-Tetracontane (C40)	22.131	2765460	19.878 ug/ml

(f)=RT Delta > 1/2 Window

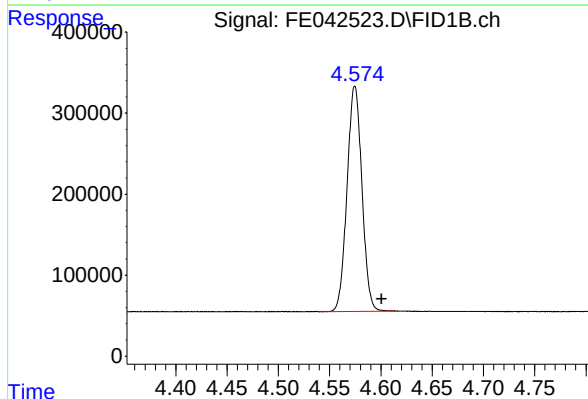
(m)=manual int.



#1 n-Nonane (C9)

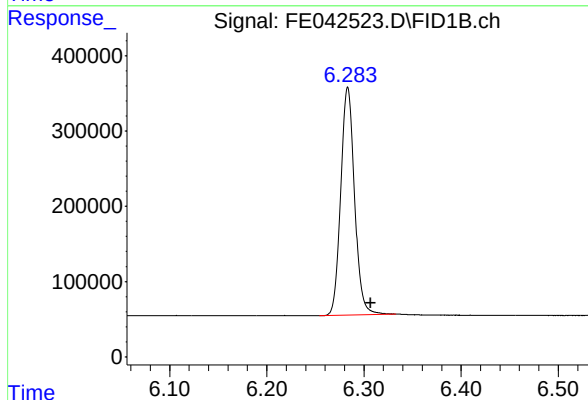
R.T.: 3.323 min
Delta R.T.: -0.025 min
Response: 2703672
Conc: 18.75 ug/ml

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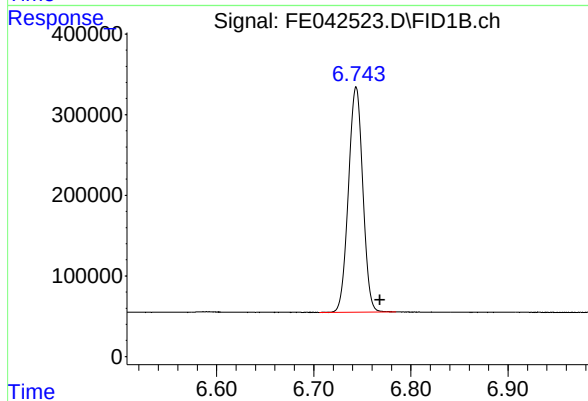
#2 n-Decane (C10)

R.T.: 4.575 min
Delta R.T.: -0.026 min
Response: 2808796
Conc: 18.97 ug/ml



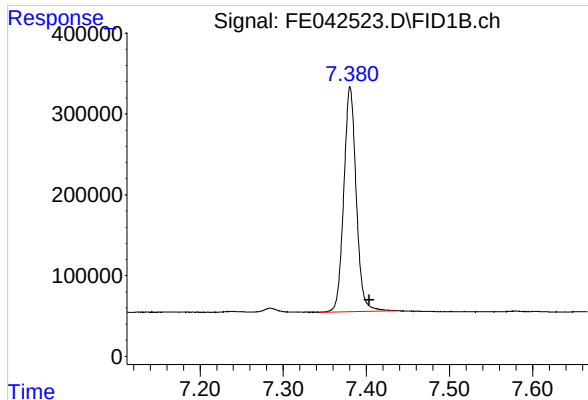
#3 A~Naphthalene (C11.7)

R.T.: 6.283 min
Delta R.T.: -0.023 min
Response: 3003376
Conc: 18.41 ug/ml



#4 n-Dodecane (C12)

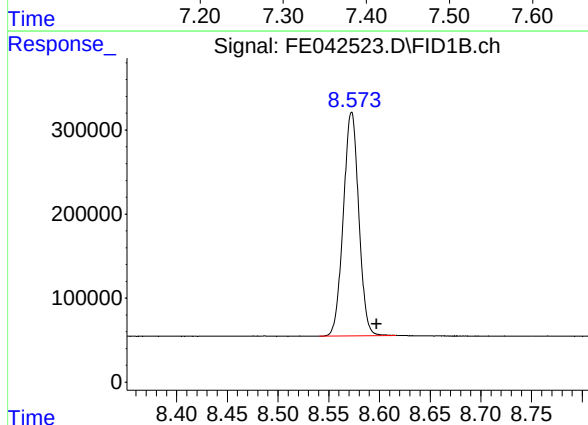
R.T.: 6.744 min
Delta R.T.: -0.025 min
Response: 2844742
Conc: 18.97 ug/ml



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

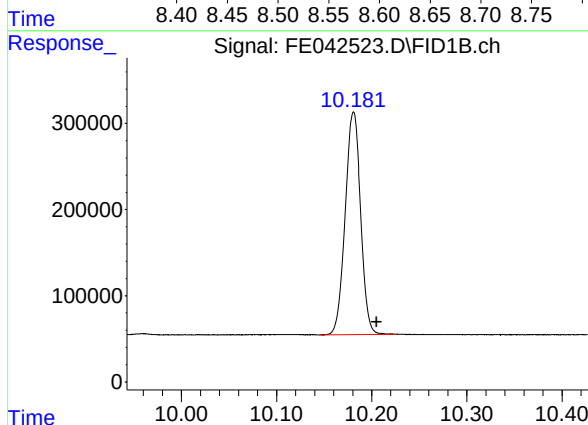
R.T.: 7.381 min
Delta R.T.: -0.023 min
Response: 2889602
Conc: 18.21 ug/ml

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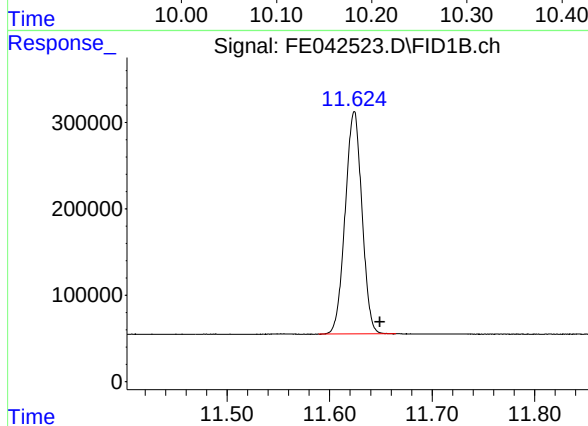
#6 n-Tetradecane (C14)

R.T.: 8.573 min
Delta R.T.: -0.025 min
Response: 2820435
Conc: 18.83 ug/ml



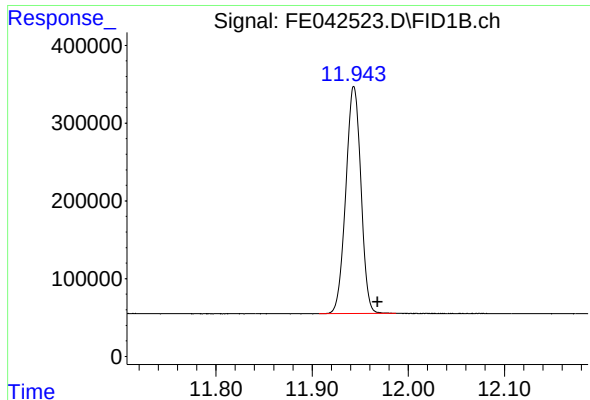
#7 n-Hexadecane (C16)

R.T.: 10.181 min
Delta R.T.: -0.024 min
Response: 2920314
Conc: 18.75 ug/ml



#8 n-Octadecane (C18)

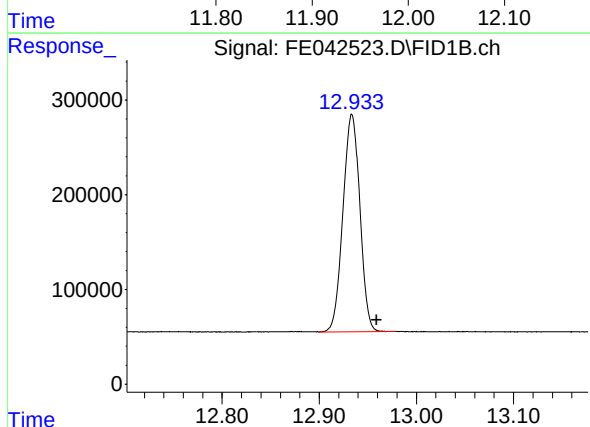
R.T.: 11.624 min
Delta R.T.: -0.025 min
Response: 2929003
Conc: 18.52 ug/ml



#9 ortho-Terphenyl (SURR)

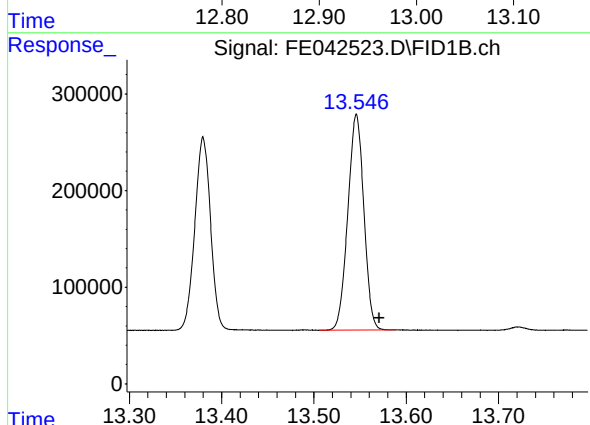
R.T.: 11.944 min
Delta R.T.: -0.025 min
Response: 3195539
Conc: 18.10 ug/ml

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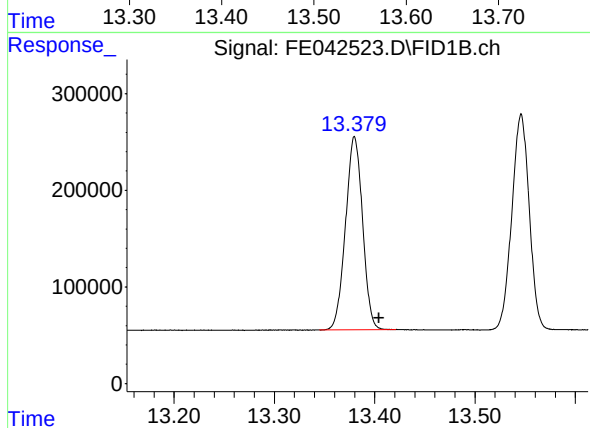
#10 n-Eicosane (C20)

R.T.: 12.934 min
Delta R.T.: -0.025 min
Response: 2782943
Conc: 18.36 ug/ml



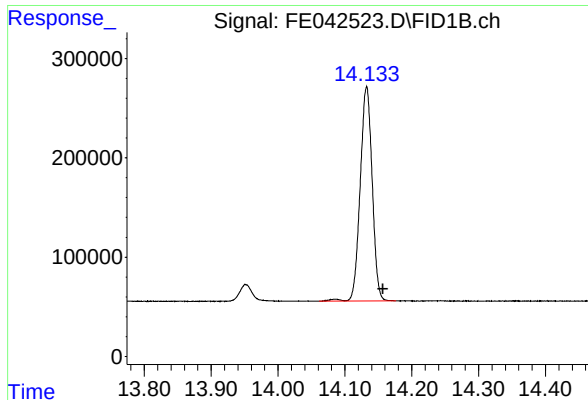
#11 n-Heneicosane (C21)

R.T.: 13.546 min
Delta R.T.: -0.025 min
Response: 2696793
Conc: 18.20 ug/ml



#12 1-chlorooctadecane (SURR)

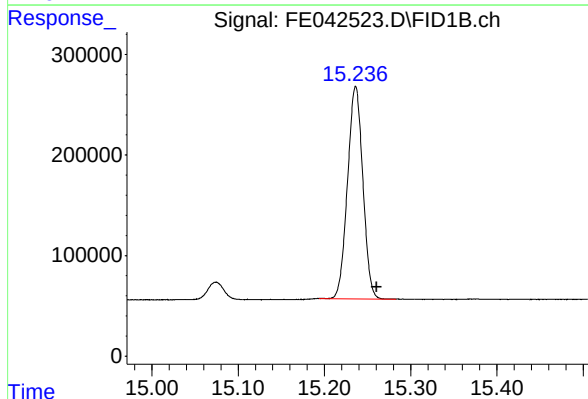
R.T.: 13.380 min
Delta R.T.: -0.024 min
Response: 2363308
Conc: 17.79 ug/ml



#13 n-Docosane (C22)

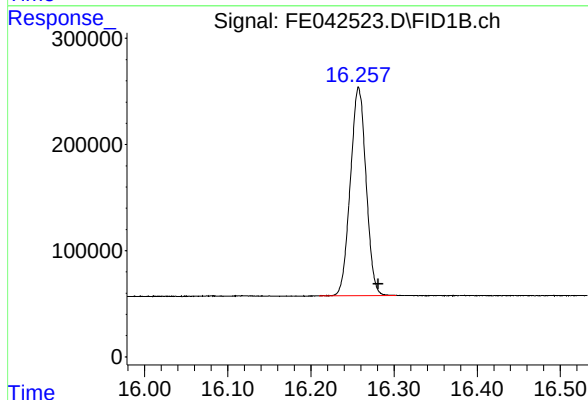
R.T.: 14.133 min
Delta R.T.: -0.025 min
Response: 2687734
Conc: 18.33 ug/ml

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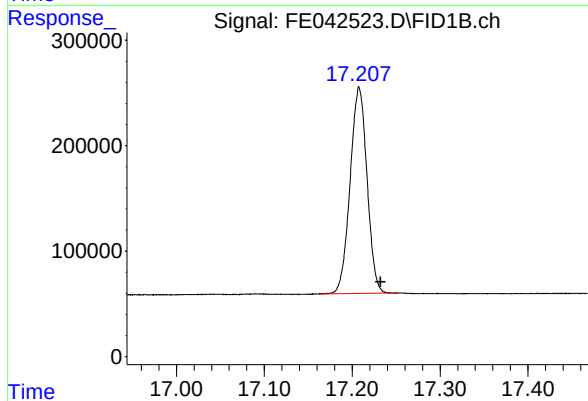
#14 n-Tetracosane (C24)

R.T.: 15.236 min
Delta R.T.: -0.025 min
Response: 2605877
Conc: 18.05 ug/ml



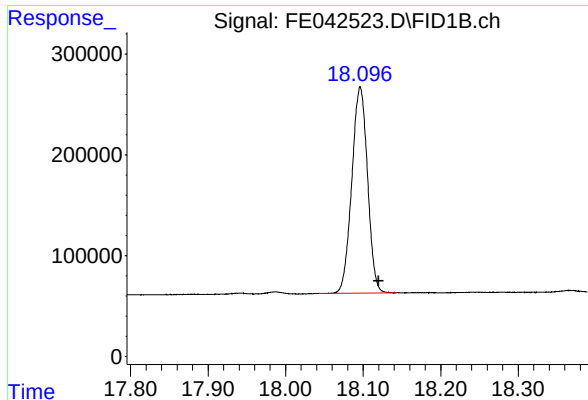
#15 n-Hexacosane (C26)

R.T.: 16.257 min
Delta R.T.: -0.024 min
Response: 2571235
Conc: 18.57 ug/ml



#16 n-Octacosane (C28)

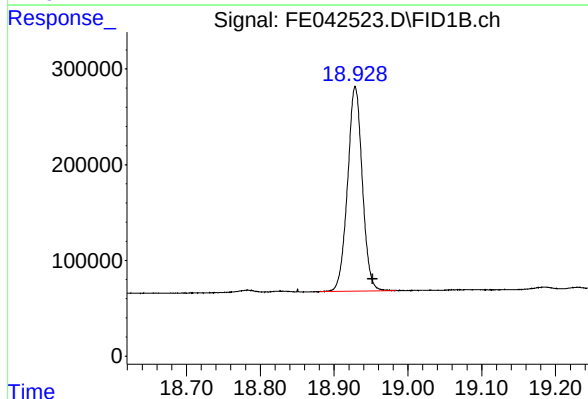
R.T.: 17.208 min
Delta R.T.: -0.024 min
Response: 2617360
Conc: 19.55 ug/ml



#17 n-Tricontane (C30)

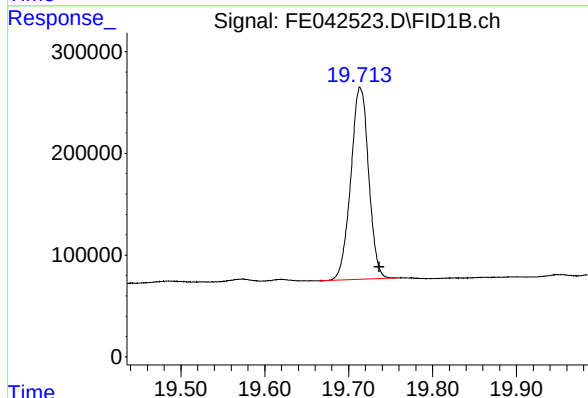
R.T.: 18.096 min
Delta R.T.: -0.023 min
Response: 2881949
Conc: 21.35 ug/ml

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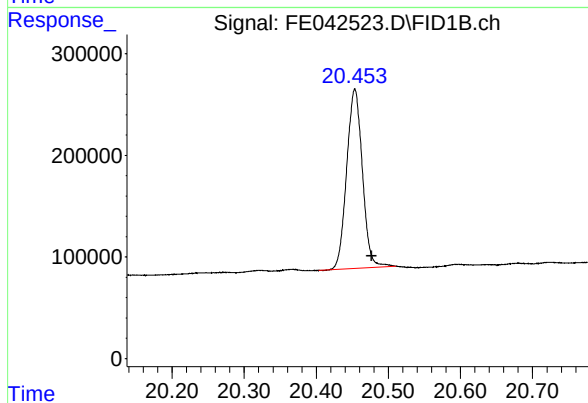
#18 n-Dotriacontane (C32)

R.T.: 18.929 min
Delta R.T.: -0.023 min
Response: 2968571
Conc: 22.22 ug/ml



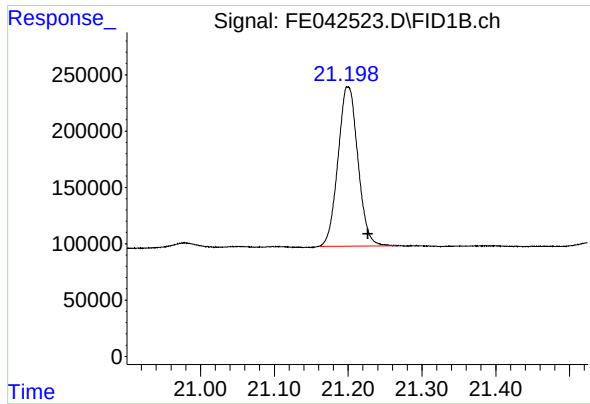
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.023 min
Response: 2789495
Conc: 21.21 ug/ml



#20 n-Hexatriacontane (C36)

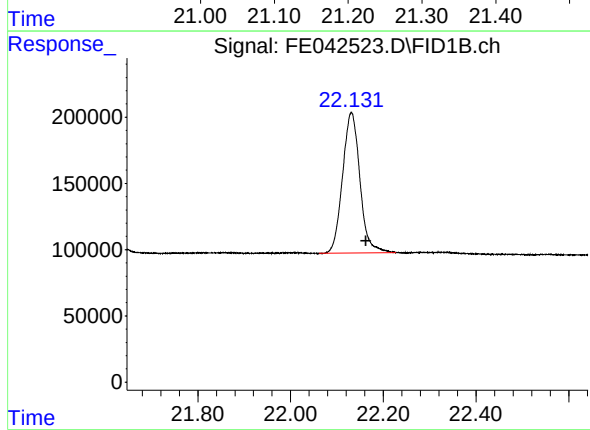
R.T.: 20.454 min
Delta R.T.: -0.023 min
Response: 2676372
Conc: 20.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.200 min
Delta R.T.: -0.028 min
Response: 2646194
Conc: 19.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.131 min
Delta R.T.: -0.032 min
Response: 2765460
Conc: 19.88 ug/ml